Annual Groundwater Monitoring Report

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MacDermid, Inc.
526 Huntingdon Avenue
Waterbury, Connecticut

August 2007

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Prepared for

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245 Freight Street
Waterbury, Connecticut 06702

Prepared by

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100 Northwest Drive
Plainville, Connecticut 06062
An Employee Owned Company

LEA Comm. No. 91MH603

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Loureiro Engineering Associates, Inc.

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ACRONYMS

11DCA	1,1-Dichloroethane
11DCE	1,1-Dichloroethylene
12DCA	1,2-Dichloroethane
CDCE	cis-1,2-Dichloroethylene
DEP	Connecticut Department of Environmental Protection
DO	Dissolved Oxygen
ELUR	Environmental Land Use Restriction
EPA	United States Environmental Protection Agency
GIS	Geographic Information System
GWPC	Groundwater Protection Criteria
IVC	Industrial/Commercial Volatilization Criteria
LEA	Loureiro Engineering Associates, Inc.
LNAPL	Light Non-aqueous Phase Liquids
NTU	Nephelometric Turbidity Units
ORP	Oxidation Reduction Potential
PCE	Tetrachloroethylene
PID	Photoionization Detector
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
RPD	Relative Percent Difference
RSRs	Connecticut Remediation Standard Regulations
RVC	Residential Volatilization Criteria
SOP	Standard Operating Procedure
SWPC	Surface Water Protection Criteria
TCA	1,1,1-Trichloroethane
TCE	Trichloroethylene
VOCs	Volatile Organic Compounds

UNITS

°C	Degree Celsius
mg/L	milligram per liter
ml/min	milliliter per minute
µg/L	microgram per liter

1. INTRODUCTION

Loureiro Engineering Associates, Inc. (LEA) was retained by MacDermid, Inc. (MacDermid) to conduct groundwater monitoring and prepare an annual groundwater monitoring report for the former MacDermid facility located at 526 Huntingdon Avenue in Waterbury, Connecticut, hereinafter referred to as the "Site". This report details the four quarters of groundwater monitoring activities completed at the Site in July 2006, October 2006, February 2007, and May 2007.

The groundwater monitoring activities were completed in accordance with the *Groundwater Monitoring Plan,* dated February 14, 2005, and prepared by LEA, for submission to the United States Environmental Protection Agency (EPA). The *Groundwater Monitoring Plan* (LEA, 2005) was prepared in response to the EPA's comment letter, dated November 4, 2004, pertaining to the revised *Documentation of Environmental Indicator Determination (CA725) Current Human Exposures Under Control MacDermid, Incorporated, 526 Huntington Avenue, Waterbury, Connecticut*, prepared by LEA and dated November 2002, revised February 2005.

1.1 Background

The Site is located at 526 Huntingdon Avenue in Waterbury, Connecticut and includes two parcels of land (i.e., the South Parcel and the North Parcel). The South Parcel is located on the southern side of Huntingdon Avenue, encompasses approximately 11 acres and is improved with three interconnected buildings. The North Parcel is located on the northern side of Huntingdon Avenue, encompasses approximately 30 acres and is primarily covered with grass and shrubby vegetation. The site location is depicted on Figure 1-1, Site Location Map. The MacDermid facility was primarily engaged in blending and/or compounding chemical materials used in the metal finishing, plating on plastics and printed circuit industries. Historical information, other investigation information and remediation data regarding the Site are documented in the following report prepared by LEA: *Documentation of Environmental Indicator Determination (CA725) Current Human Exposures Under Control MacDermid, Incorporated, 526 Huntington Avenue, Waterbury, Connecticut.*

A total of 21 monitoring wells and 4 piezometers have been installed at the Site. Three of the monitoring wells (MW-104, MW-106, and MW-107) have been either destroyed or damaged, and were not included in the quarterly groundwater sampling program. The majority of the monitoring wells and the piezometers are screened at or near the water table. Three of the monitoring wells (MW-116D, MW-117D, and MW-118D) are screened in the deeper zone of the overburden, approximately 50 feet to 60 feet below ground surface.

1.2 Purpose and Scope

This groundwater monitoring report has been prepared to document the groundwater sampling activities and evaluate results from the four quarterly groundwater sampling events of July 2006, October 2006, February 2007, and May 2007 completed at the Site. The primary purpose of the annual groundwater monitoring is to provide a continuing assessment of groundwater quality at the Site and to ensure that either the conditions do not change adversely over time or that any adverse changes that might occur would be detected within a reasonable time frame. Further, the purpose of the quarterly groundwater monitoring is to assess seasonal variations and groundwater flow direction, to evaluate the presence of light non-aqueous phase liquids (LNAPL) in groundwater at the Site, and to characterize groundwater quality so as to be able to conclude that conditions in groundwater at the Site do not pose an unacceptable risk to human health.

The first quarter of groundwater monitoring was completed at the Site on July 26, 27, and 28, 2006. The second quarter of groundwater monitoring was completed at the Site on October 27, 30, and 31, 2006. The third quarter of groundwater monitoring was completed at the Site on February 12, 13, 15, 16, and 20, 2007. The fourth quarter of groundwater monitoring was completed at the Site on May 22, 23, 24, and 25, 2007.

Drawing 1-1 provides the location and concentration of constituents detected in the groundwater samples from each monitoring well sampled during the July 2006 groundwater sampling event. Drawing 1-2 provides the location and concentration of constituents detected in the groundwater samples from each monitoring well sampled during the October 2006 groundwater sampling event. Drawing 1-3 provides the location and concentration of constituents detected in the groundwater samples from each monitoring well sampled during the February 2007 groundwater sampling event. Drawing 1-4 provides the location and concentration of constituents detected in the groundwater samples from each monitoring well sampled during the May 2007 groundwater sampling event.

The activities conducted on the Site during the quarterly groundwater monitoring events consisted of the collection of groundwater level measurements from on-site monitoring wells and piezometers, gauging product presence and thickness, and the sampling of groundwater from 17 shallow and deep monitoring wells on the Site. Groundwater samples from the 17 monitoring wells were collected for analysis of the following: volatile organic compounds (VOCs) using EPA Method 8260B and metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and zinc).

1.3 Report Organization

In presenting the results of the four quarterly groundwater monitoring events completed for the Site, section discussions of the main body of the report are followed by supporting tables, drawings, and appendices. The following is a general description of the contents of each of the following sections of this report.

- Section 2 provides a description of the methodologies utilized during the groundwater monitoring activities.
- Section 3 presents an overview of the groundwater analytical results obtained during the groundwater monitoring activities.
- Section 4 provides an evaluation of the groundwater data against the applicable tabulated numeric criteria established pursuant to the Connecticut Remediation Standard Regulations (RSRs), an assessment of LNAPL monitoring activities, and an evaluation of hydrogeologic conditions.
- Section 5 includes the summary and conclusions resulting from the groundwater monitoring events.

2. METHODOLOGY

This section provides a brief description of the methods and procedures employed during the groundwater monitoring and sampling activities conducted at the Site. Specifically, the methods and procedures discussed address the following: water level measurements and LNAPL gauging, groundwater sampling protocol, decontamination of materials and equipment, waste management, field paperwork, sample analysis, post-sampling activities, quality assurance/quality control (QA/QC) procedures, and data management techniques. More detailed descriptions of specific groundwater monitoring and sampling procedures are presented in the respective LEA Standard Operating Procedures (SOPs) which were presented in the *Groundwater Monitoring Plan* (LEA, 2005).

2.1 Water-Level Measurements and LNAPL Monitoring

Water-level measurements were conducted on July 26, 2006; October 27, 2006; February 12, 2007; and May 22, 2007. Water-level measurements and assessing for the presence of LNAPL was conducted from monitoring wells MW-101, MW-102, MW-103, MW-105, MW-108, MW-109 to MW-115, MW-116D, MW-116S, MW-117D, MW-117S, MW-118D, and MW-118S and four piezometers PZ-01 to PZ-04 located throughout the Site prior to collecting groundwater samples. The water-level measurements and LNAPL measurements were obtained in accordance with the LEA SOP entitled *Standard Operating Procedure for Liquid Sample Collection and Field Analysis.* Water-level measurements were obtained to establish groundwater elevations, which were used to develop a groundwater contour map for the quarterly events. Prior to measuring water levels, the condition of each monitoring well and piezometer was checked by LEA field personnel, and deficiencies to be fixed were noted on the field records. Copies of the field records are included in Appendix A.

The relative horizontal locations and vertical elevations of the monitoring wells and piezometers were surveyed in August 2004. The horizontal locations were surveyed relative to the known on-site references, such as building corners. Ground surface, top of casing, and top of riser reference elevations and locations for all monitoring wells and piezometers were surveyed to a vertical accuracy of 0.01 feet. Water level elevations were calculated by subtracting the depth to water from the surveyed reference elevations.

2.2 Groundwater Sampling

Per the *Groundwater Monitoring Plan* (LEA, 2005), groundwater sampling was conducted at 17 monitoring wells; MW-101, MW-102, MW-103, MW-105, MW-109 to MW-115, MW-116S,

MW-116D, MW-117S, MW-117D, MW-118S, and MW-118D. Due to the presence of LNAPL, a groundwater sample was not collected from monitoring well MW-108. Additionally, piezometers were not used for the collection of groundwater samples.

Sampling was conducted after gauging the depth to groundwater in the monitoring well and sounding the total depth of the monitoring well to ensure a lack of obstructions and a lack of silting in the bottom of the monitoring well. Groundwater sampling was performed using a modified low-flow sampling technique, in general accordance with LEA's SOP, entitled *Low Flow (Low Stress) Liquid Sample Collection* and consistent with EPA procedures described in the document entitled, *Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells,* dated July 30, 1996. QA/QC procedures employed during the sampling event were performed in general accordance with the LEA SOP entitled, *Quality Assurance/Quality Control Measures for Field Activities.* Groundwater sampling was completed via the use of submersible pumps (i.e., bladder pumps), which were emplaced at least one day prior to sample collection. Copies of the LEA field documentation, which document field activities for the sampling event, are provided in Appendix A.

Prior to groundwater sampling, the vapor headspace of all monitoring wells was screened for VOCs with the use of a portable VOC analyzer equipped with a photoionization detector (PID) immediately upon opening the monitoring well. Static water level measurements were then recorded to the nearest 0.01 feet. Once purging was initiated, field parameters, which included pH, temperature, specific conductance, dissolved oxygen (DO), oxidation reduction potential (ORP), and turbidity, were obtained and recorded every 3 to 5 minutes in order to accurately assess if stabilization of the aquifer formation had been achieved during purging. Purging continued until stabilization was achieved based on the measured field parameters being as follows:

- pH: within ± 0.1 Standard Units;
- ORP: within ± 10 millivolts;
- specific conductance: ± 3 percent;
- temperature: ± 3 percent;
- DO: ±10 percent; and
- turbidity: ± 10 percent for values less than 5 Nephelometric Turbidity Units (NTUs) and greater than 1 NTU.

It should be noted that achievements of turbidity levels less than 5 NTUs are not mandatory but efforts were made to collect the groundwater samples with the lowest turbidity achievable. The pumping rate was set as low as possible initially and was increased only if necessary to maintain continuous flow. The pumping rates for each monitoring well were documented on the field sampling record sheets. The purging rate during the groundwater sampling activities ranged between 100 and 200 milliliters per minute (ml/min).

Following purging, groundwater samples from the 17 monitoring wells were collected for VOC and metals analysis. Additionally, one set of groundwater samples were collected through in-line 10-micron filters from all 17 monitoring wells. The use of the 10-micron filter allows the passage of colloidal particles that might move with the groundwater to be included in the analyzed groundwater sample, but excludes particles of sediment present in the monitoring well that are mobilized only during purging and pumping, and would not be mobile in the aquifer under natural flow conditions. Analysis of the filtered groundwater samples was conducted only if analysis for mass metals indicated that the concentrations of one or more metals exceeded the Surface Water Protection Criteria (SWPC) at the particular locations.

Following collection, groundwater samples were placed in an ice-filled cooler and maintained at a temperature of 4 Degrees Celsius (°C) for transportation to Spectrum Analytical Laboratories (Spectrum) of Agawam, Massachusetts. Groundwater samples were identified on the sample containers and chain-of-custody forms by a sample number only. The monitoring well location was not identified to the laboratory. Duplicate, equipment blank, and trip blank samples were given separate sample numbers and were not identified to the laboratory. The samples were placed into pre-preserved bottles, as appropriate, upon collection. Chain-of-custody forms were prepared and submitted to the laboratory with the samples by LEA personnel. Upon completion of sampling activities, LEA personnel completed the necessary field paperwork documenting the daily activities, decontaminated all non-dedicated field sampling equipment, and cleaned the work area.

2.3 Decontamination of Materials and Equipment

Non-dedicated sampling equipment was subject to decontamination procedures prior to sampling, consistent with the LEA SOPs. Sampling equipment was immersed in an Alconox/Liquinox® and tap water solution, and scrubbed to remove all debris. The sampling equipment was subsequently processed through several rinse/wash procedures in specific order as follows:

- Detergent scrub,
- Distilled water rinse,

- 10 percent nitric acid rinse,
- Distilled water rinse,
- 10 percent methanol rinse, and
- Air dry.

All decontamination rinseate and wash water was managed in accordance to applicable state and federal regulations.

2.4 Management of Investigation Derived Waste

During the groundwater sampling activities, the purge water and decontamination fluids were placed into appropriate containers, properly labeled, and stored on-site prior to offsite disposal at a licensed facility.

2.5 Field Paperwork

Field personnel documented all aspects of field sampling, field analysis, and sample chain-of-custody. This documentation constitutes a record, which allows reconstruction of all field events to aid in the data review and interpretation process. All documents, records, and information relating to the performance of the field work will be retained in the project file. Various forms of field documentation were maintained during the monitoring and reporting program:

- Daily Production Documentation – Daily field forms containing a record of all field sampling activities.
- Sampling Information – Detailed notes were made concerning the sample location, physical observations, field parameter measurements, sample depths, and weather conditions.
- Chain-of-Custody – Chain-of-custody forms provide the record of responsibility for sample collection, transport, and submittal to the laboratory. Chain-of-custody forms were filled out at each sampling site, at a group of sampling sites, or at the end of each day of sampling by one of the field personnel designated to be responsible for sample custody.
- Field Equipment Calibration Log – Document the calibration of field instrumentation. Calibration logs were maintained for each piece of field equipment.

2.6 Sample Analysis

All groundwater samples obtained as part of the groundwater monitoring program were collected in the appropriate laboratory-provided sample containers, sealed, labeled, and placed directly

into an ice-filled cooler. All samples were submitted under chain-of-custody procedures to the analytical laboratory for analysis in accordance to EPA methods. The laboratory is responsible for the analysis of samples and providing both electronic and paper data deliverables.

Groundwater samples were collected from each of the 17 onsite monitoring wells for analysis of the following: VOCs using EPA Method 8260B and metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and zinc). In addition, the filtered groundwater samples collected were placed on hold for possible analysis for metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and zinc).

2.7 Data Verification

Information collected in the field through visual observation, manual measurement, and/or field instrumentation was recorded in field forms. The data was reviewed for consistency. Concerns identified as a result of this review were discussed with the field personnel, corrected as necessary, and incorporated into the data evaluation process. Field data calculations, transfers, and interpretations were conducted by field personnel and subsequently reviewed for accuracy by the project scientist. All logs and documents were checked for:

- General completeness,
- Readability,
- Usage of appropriate procedures,
- Appropriate instrument calibration and maintenance,
- Reasonableness in comparison to present and past data collected,
- Correct sample locations, and
- Correct calculations and interpretations.

2.8 Quality Assurance/Quality Control Samples

The groundwater monitoring was conducted in general accordance with the LEA SOP for *QA/QC Measures for Field Activities*. Pursuant to this SOP, field replicate samples (also known as duplicate samples) and field blank samples were obtained and submitted for laboratory analysis. These QA/QC measures are performed to document the reliability of field sampling analytical results.

A field duplicate sample was collected to provide a measure of the reproducibility of field sampling and laboratory analytical methodologies. Duplicate samples are coded in a fashion that

did not alert the laboratory to the fact that the samples are replicates. Consistency between analytical results for field duplicate samples indicates consistent field sampling, sample handling, and analytical laboratory procedures.

In addition to the environmental media derived samples (i.e., groundwater samples), other field samples were obtained or collected for QA/QC purposes and submitted for analysis, which include "Trip Blanks" and "Equipment Blanks". Trip blank samples are used to indicate if any cross contamination between samples or contamination from other sources of VOCs may have occurred during transport, storage, or laboratory analysis of samples. Equipment blank samples are used to indicate if any cross contamination of samples between uses of sampling equipment or contamination to samples from unused disposable equipment may have occurred. A field equipment blank is collected by pouring laboratory-provided water (analyte-free de-ionized) through and/or over decontaminated or disposable sampling equipment into appropriate containers.

2.9 Data Management Tools

A comprehensive electronic database is maintained for the project. Types of project data included in the database files range from project and site location information to information about the individual sampling points and samples collected. Among the data stored in the database are geologic boring logs, well logs, sample location, sampling time, depth, and field and analytical data. Direct electronic transfer of analytical data from the analytical laboratory provides efficient and accurate transfer of information. Output from the database is provided in electronic form directly to data tables, report text, and AutoCAD® drawings, minimizing errors due to data transcription.

3. ANALYTICAL RESULTS

This section summarizes the results of groundwater sampling performed at the Site during the four quarterly sampling events. Specifically, the following subsections summarize the reported concentrations for each constituent and provide a discussion of the results of the QA/QC measures employed for the groundwater sampling conducted at the Site.

A summary of sampling and analytical information is included in Table 3-1. The table includes the sample location identifier, the discrete sample number associated with the location, the date on which the sample was collected, the screen interval of the monitoring well from which the sample was collected, and the analyses performed on the sample. Table 3-2 provides a summary of all of the analytical results and Table 3-3 provides a summary of constituents detected in groundwater samples. Copies of the analytical laboratory reports as received from the laboratory are provided in Appendix B.

3.1 July 2006 Groundwater Quality

The following sections summarize the groundwater quality in terms of analytical results for the groundwater samples collected at the Site for VOCs and metals in July 2006. Drawing 1-1 provides the location and concentration of constituents detected in the groundwater samples from each monitoring well sampled during the July 2006 groundwater sampling event. Dual constituent concentrations for monitoring well MW-116S indicate that replicate groundwater samples were collected from this monitoring well.

3.1.1 Volatile Organic Compounds

One or more VOCs were detected in groundwater samples collected for analysis from 10 of the 17 monitoring wells, which included MW-105, MW-109, MW-110, MW-111, MW-112, MW-114, MW-115, MW-116S, MW-116D, and MW-118S. The VOC s detected in one or more of the groundwater samples included 1,1,1-trichloroethane (TCA), 1,1,2-trichlorotrifluoroethane, 1,2-dichloroethane (12DCA), 1,1-dichloroethylene (11DCE), cis-1,2-dichloroethylene (CDCE), vinyl chloride, tetrachloroethylene (PCE), trichloroethylene (TCE), bromomethane, dichlorodifluoromethane, chloroform, and trichlorofluoromethane. With the exception of 11DCE, PCE, and vinyl chloride at two sampling locations, VOCs were detected in groundwater samples from the Site at concentration less than 7 micrograms per liter (µg/l). VOCs were not detected in groundwater samples from monitoring wells MW-101, MW-102, MW-103, MW-113, MW-117S, MW-117D, and MW-118D. The specific constituents detected in the

groundwater samples from the monitoring well, with the highest concentration detected noted in parentheses, are listed below.

PCE was detected in 9 groundwater samples at concentrations ranging from 1.7 µg/l to 51.5 µg/l. Detectable concentrations of TCE were present in groundwater samples from monitoring wells MW-115 (4.1 µg/l), MW-116D (1.2 µg/l), and MW-118S (2.3 µg/l). The groundwater sample collected from monitoring well MW-115 contained TCA at a concentration of 4.1 µg/l. 12DCA and 11DCE were only detected in the groundwater sample from monitoring well MW-115 at concentrations of 1.7 µg/l and 10.9 µg/l, respectively. CDCE and vinyl chloride were detected at concentrations of 6.9 µg/l and 7.2 µg/l in the groundwater sample from monitoring well MW-116D.

In addition to PCE and associated degradation products, several other VOCs were detected in groundwater samples collected from the Site. As noted in Table 3-3, the following constituents were reported to be present in groundwater samples collected during the July 2006 sampling event. Groundwater samples from monitoring wells MW-115 and MW-116D contained chloroform at concentrations of 5.2 µg/l and 1.6 µg/l, respectively. Bromomethane was detected at a concentration of 4.2 µg/l in the groundwater sample collected from monitoring well MW-110. Dichlorodifluoromethane at concentrations of 2.9 µg/l and 2.0 µg/l, respectively, were reported for groundwater samples from monitoring wells MW-111 and MW-114. Trichlorofluoromethane was detected in the groundwater sample from monitoring well, MW-105, at a concentration of 6.6 µg/l. 1,1,2-trichlorotrifluoroethane was detected in the groundwater sample from monitoring well, MW-115, at a concentration of 2.5 µg/l.

3.1.2 Metals

Concentrations of several metals were detected in the unfiltered groundwater samples collected from all 17 monitoring wells. The metals detected in groundwater samples from one or more locations included barium, cadmium, total chromium, copper, nickel, and zinc. None of the groundwater samples that were field filtered were analyzed for metals.

Barium was detected in groundwater samples from monitoring wells MW-102, MW-103, MW-105, MW-109, MW-110, MW-111, MW-112, MW-113, MW-114, MW-115, MW-116D, MW-116S, MW-117D, MW-117S, MW-118D, and MW-118S at concentrations ranging from 0.0113 milligrams per liter (mg/l) to 0.457 mg/l, as noted on Table 3-3. Cadmium was detected at concentrations of 0.0150 mg/L, 0.0026 mg/l, and 0.0042 mg/l in groundwater samples collected from monitoring wells MW-102, MW-105, and MW-115, respectively. Groundwater samples collected from monitoring wells MW-109, MW-110, MW-112, MW-115, and MW-116S indicated the presence of total chromium at concentrations ranging from 0.0052 mg/l

to 0.622 mg/l. Copper was detected in groundwater samples from four monitoring wells; MW-102 (0.012 mg/l), MW-109 (0.390 mg/l), MW-110 (1.25 mg/l), and MW-113 (0.0059 mg/l). Nickel was detected in groundwater samples from seven monitoring wells (MW-102, MW-109, MW-110, MW-111, MW-112, MW-114, and MW-115) at concentrations ranging from 0.0058 mg/l to 0.660 mg/l. Zinc was detected in groundwater samples from eight monitoring wells (MW-101, MW-102, MW-103, MW-105, MW-109, MW-111, MW-114, and MW-115) at concentrations ranging from 0.0698 mg/l to 0.127 mg/l.

3.2 October 2006 Groundwater Quality

The following sections summarize the groundwater quality in terms of analytical results for the groundwater samples collected at the Site for VOCs and metals in October 2006. Drawing 1-2 provides the location and concentration of constituents detected in the groundwater samples from each monitoring well sampled during the October 2006 groundwater sampling event. Dual constituent concentrations for monitoring well MW-109 indicate that replicate groundwater samples were collected from this monitoring well.

3.2.1 Volatile Organic Compounds

One or more VOCs were detected in groundwater samples collected for analysis from 13 of the 17 monitoring wells, which included MW-102, MW-105, MW-109, MW-110, MW-111, MW-112, MW-114, MW-115, MW-116S, MW-116D, MW-117S, MW-117D, and MW-118S. The VOCs detected in one or more of the groundwater samples included 11DCE, TCA, 1,1,2-trichlorotrifluoroethane, 12DCA, 1,2,4-trichlorobenzene, CDCE, o-dichlorobenzene, acetone, chloroform, dichlorodifluoromethane, PCE, TCE, trichlorofluoromethane, and vinyl chloride. With the exception of constituents detected in the groundwater sample from monitoring well MW-115, and acetone and PCE in the groundwater samples from monitoring wells (MW-102, MW-110, and MW-116S), VOCs were detected in groundwater samples from the Site at concentrations less than 8.5 µg/l. The specific constituents detected in the groundwater samples from the monitoring well, with the highest concentration detected noted in parentheses, are listed below.

PCE was detected in 11 groundwater samples at concentrations ranging from 1.0 µg/l to154 µg/l. Detectable concentrations of TCE were present in groundwater samples from monitoring wells MW-115 (16.6 µg/l), MW-116D (1.2 µg/l), and MW-118S (2.0 µg/l). TCA was detected in groundwater samples from monitoring wells MW-109 (1.2 µg/l) and MW-115 (34.4 µg/l). 12DCA and 11DCE were only detected in the groundwater sample from monitoring well MW-115 at concentrations of 8.1 µg/l and 41.1 µg/l, respectively. CDCE and vinyl chloride

were detected at concentrations of 7.7 µg/l and 8.3 µg/l, respectively, in the groundwater sample collected from monitoring well MW-116D.

In addition to PCE and associated degradation products, several other VOCs were detected in groundwater samples collected from the Site. As noted in Table 3-3, the following constituents were reported to be present in groundwater samples collected during the October 2006 sampling event. Groundwater samples from monitoring wells MW-102 and MW-116S contained acetone at concentrations of 39 µg/l and 30.6 µg/l, respectively. Chloroform was detected at concentrations of 14.4 µg/l, 1.9 µg/l, and 1.2 µg/l in the groundwater samples collected from monitoring wells MW-115, MW-116D, and MW-117D, respectively. Dichlorodifluoromethane was detected in the groundwater sample from monitoring well, MW-111, at a concentration of 2.6 µg/l. Detectable levels of 1,1,2-trichlorotrifluoroethane and o-dichlorobenzene were detected in the groundwater sample from monitoring well MW-115 at concentrations of 10.2 µg/l and 2.5 µg/l, respectively. 1,2,4-Trichlorobenzene was detected in the groundwater sample from monitoring well MW-109, and its duplicate sample, at concentrations of 3.6 µg/l and 3.2 µg/l, respectively.

3.2.2 Metals

Concentrations of several metals were detected in the unfiltered and filtered groundwater samples collected from all 17 monitoring wells. The metals detected in groundwater samples from one or more locations included arsenic, barium, total chromium, copper, nickel, and zinc.

3.2.2.1 Unfiltered Metals

Arsenic was detected in the groundwater sample from monitoring well MW-101 at a concentration of 0.0066 mg/l. Barium was detected in groundwater samples from monitoring wells MW-109, MW-110, MW-111, MW-112, MW-113, MW-114, MW-115, MW-116D, MW-116S, MW-117D, MW-117S, MW-118D, and MW-118S at concentrations ranging from 0.0072 mg/l to 0.19 mg/l. Groundwater samples collected from monitoring wells MW-109, MW-110, MW-112, MW-115, and MW-116S had chromium detected at concentrations ranging from 0.0052 mg/l to 0.298 mg/l. Copper was detected in groundwater samples from monitoring wells MW-101 (0.142 mg/l), MW-109 (0.286 mg/l and 0.284 mg/l), and MW-110 (0.606 mg/l). Nickel was detected in groundwater samples from monitoring wells (MW-102, MW-109, MW-110, and MW-115) at concentrations ranging from 0.0127 mg/L to 0.802 mg/l. Zinc was detected in the groundwater sample from monitoring wells MW-101 and MW-109 at concentrations of 1.59 mg/l and 0.0797 mg/l, respectively.

3.2.2.2 Filtered Metals

Metals analysis of groundwater samples field filtered through a 10-micron filter was performed on the groundwater sample collected from monitoring well MW-109 and its duplicate sample. The filtered groundwater samples collected from monitoring well MW-109 contained concentrations of barium at 0.0385 mg/l and 0.04 mg/l, copper at 0.23 mg/l and 0.249 mg/l, and nickel at 0.34 mg/l and 0.352 mg/l.

3.3 February 2007 Groundwater Quality

The following sections summarize the groundwater quality in terms of analytical results for the groundwater samples collected at the Site for VOCs and metals in February 2007. Drawing 1-3 provides the location and concentration of constituents detected in the groundwater samples from each monitoring well sampled during the February 2007 groundwater sampling event. Dual constituent concentrations for monitoring well MW-114 indicate that replicate groundwater samples were collected from this monitoring well.

3.3.1 Volatile Organic Compounds

One or more VOCs were detected in groundwater samples collected for analysis from 11 of the 17 monitoring wells, which included MW-105, MW-109, MW-110, MW-111, MW-112, MW-114, MW-115, MW-116S, MW-116D, MW-117D, and MW-118S. The VOCs detected in one or more of the groundwater samples included 11DCE, TCA, 1,1,2-trichlorotrifluoroethane, 12DCA, 1,2,4-trichlorobenzene, CDCE, chloroform, dichlorodifluoromethane, p-dioxane, PCE, TCE, trichlorofluoromethane, and vinyl chloride. With the exception of the constituents detected in the groundwater sample from monitoring well MW-115 and PCE detected in the groundwater sample from monitoring well MW-110, VOCs were detected in groundwater samples from the Site at concentrations less than 10.4 µg/l. The specific constituents detected in the groundwater samples from the monitoring well, with the highest concentration detected noted in parentheses, are listed below.

PCE was detected in 10 groundwater samples at concentrations ranging from 2.5 µg/l to 89.6 µg/l. Detectable concentrations of TCE were present in groundwater samples collected from monitoring wells MW-115 (6.9 µg/l), MW-116D (1.2 µg/l), and MW-118S (3.4 µg/l). TCA was detected in groundwater samples collected from monitoring wells MW-110 (1.5 µg/l) and MW-115 (6.3 µg/l). 12DCA and 11DCE were only detected in the groundwater sample collected from monitoring well MW-115 at concentrations of 3.5 µg/l and 16.8 µg/l, respectively. CDCE and vinyl chloride were both detected at a concentration of 7.3 µg/l in the groundwater sample collected from monitoring well MW-116D.

In addition to PCE and associated degradation products, several other VOCs were detected in groundwater samples collected from the Site. As noted in Table 3-3, the following constituents were reported to be present in groundwater samples during the February 2007 sampling event. Groundwater samples from monitoring wells MW-115, MW-116D, and MW-117D contained chloroform at concentrations of 8.5 µg/l, 1.9 µg/l, and 1.0 µg/l, respectively. Trichlorofluoromethane was detected at a concentration of 6.4 µg/l in the groundwater sample collected from monitoring well MW-105. Groundwater samples collected from monitoring wells MW-111, MW-114, and the duplicate sample at MW-114, contained dichlorodifluoromethane concentrations of 2.4 µg/l, 2.0 µg/l, and 2.1 µg/l, respectively. p-Dioxane and 1,1,2-trichlorotrifluoroethane were detected in the groundwater sample collected from monitoring well MW-115 at concentrations of 34.6 µg/l and 6.1 µg/l, respectively. 1,2,4-Trichlorobenzene was detected in the groundwater sample collected from monitoring well MW-109 at a concentration of 2.4 µg/l.

3.3.2 Metals

Concentrations of several metals were detected in the unfiltered and filtered groundwater samples collected from all 17 monitoring wells. The metals detected in groundwater samples from one or more locations included arsenic, barium, cadmium, total chromium, copper, lead, mercury, nickel, and zinc.

3.3.2.1 Unfiltered Metals

Arsenic was detected in the groundwater samples collected from monitoring well MW-101 and MW-102 at concentrations of 0.0045 mg/l and 0.0068 mg/l. Barium was detected in groundwater samples collected from monitoring wells MW-102, MW-103, MW-105, MW-109, MW-110, MW-111, MW-112, MW-113, MW-114, MW-115, MW-116D, MW-116S, MW-117D, MW-117S, MW-118D, and MW-118S at concentrations ranging from 0.0084 mg/l to 0.179 mg/l. The groundwater sample collected from monitoring well MW-115 contained cadmium at a concentration of 0.0054 mg/l. Groundwater samples collected from monitoring wells MW-109, MW-110, MW-112, MW-113, MW-115, and MW-118S had chromium detected at concentrations ranging from 0.0060 mg/l to 0.774 mg/l.

Copper was detected in groundwater samples collected from monitoring wells MW-101, MW-102, MW-109, and MW-110 at concentrations ranging from 0.0121 mg/l to 0.702 mg/l. The groundwater sample collected from monitoring well MW-113 contained lead at a concentration of 0.0102 mg/l. Mercury was detected in the groundwater sample collected from monitoring well MW-110 at a concentration of 0.00025 mg/l. Nickel was detected in the groundwater samples collected from monitoring wells MW-102, MW-109, MW-110, MW-111,

MW-114, and MW-115 at concentrations ranging from 0.0054 mg/L to 1.51 mg/l. Zinc was detected in the groundwater samples collected from monitoring wells MW-101, MW-103, MW-105, and MW-109 at concentrations ranging from 0.0068 mg/l and 0.329 mg/l.

3.3.2.2 Filtered Metals

Metals analysis of groundwater samples field filtered through a 10-micron filter was performed on the groundwater samples collected from four monitoring wells (MW-103, MW-109, MW-110, and MW-115). The groundwater samples collected from all four monitoring wells contained concentrations of barium ranging from 0.0251 mg/l to 0.112 mg/l. The groundwater sample collected from monitoring well MW-115 contained cadmium at a concentration of 0.0058 mg/l and chromium at a concentration of 0.792 mg/l. Chromium was detected in the groundwater sample collected from monitoring well MW-115 at a concentration of 0.792 mg/l. Copper was detected in the groundwater samples collected from monitoring wells MW-109 and MW-110 at concentrations of 0.704 mg/l and 0.494 mg/l, respectively. The groundwater samples collected from monitoring well MW-109, MW-110, and MW-115 contained nickel at concentrations of 1.55 mg/l, 0.018 mg/l, and 1.21 mg/l, respectively. Zinc was detected in the groundwater samples collected from monitoring wells MW-110 and MW-115 at concentrations of 0.0399 mg/l and 0.0178 mg/l, respectively.

3.4 May 2007 Groundwater Quality

The following sections summarize the groundwater quality in terms of analytical results for the groundwater samples collected at the Site for VOCs and metals in May 2007. Drawing 1-4 provides the location and concentration of constituents detected in the groundwater samples from each monitoring well sampled during the May 2007 groundwater sampling event. Dual constituent concentrations for monitoring well MW-116S indicate that replicate groundwater samples were collected from this monitoring well.

3.4.1 Volatile Organic Compounds

One or more VOCs were detected in groundwater samples collected for analysis from 11 of the 17 monitoring wells, which included MW-105, MW-109, MW-110, MW-111, MW-112, MW-114, MW-115, MW-116S, MW-116D, MW-118S, and MW-18D. The VOCs detected in one or more of the groundwater samples included 1,1-Dichloroethane (11DCA), 12DCA, 11DCE, TCA, CDCE, acetone, chloroform, dichlorodifluoromethane, tert-butyl alcohol, PCE, TCE, trichlorofluoromethane, and vinyl chloride. With the exception of certain constituents detected in the groundwater samples from monitoring wells MW-109 and MW-115, and PCE detected in the groundwater sample from monitoring well MW-110, VOCs were

detected in groundwater samples from the Site at concentrations less than 8.5 µg/l. The specific constituents detected in the groundwater samples from the monitoring well, with the highest concentration detected noted in parentheses, are listed below.

PCE was detected in 10 groundwater samples at concentrations ranging from 1.7 µg/l to 71.5 µg/l. Detectable concentrations of TCE were present in groundwater samples collected from monitoring wells MW-112 (1.7 µg/l), MW-115 (5.7 µg/l), and MW-118S (2.5 µg/l). TCA was detected in the groundwater sample collected from monitoring well MW-115 (5.6 µg/l). 11 DCA was only detected in the groundwater sample collected from monitoring well MW-111 at a concentration of 1.7 µg/l. 12DCA and 11DCE were only detected in the groundwater sample collected from monitoring well MW-115 at concentrations of 2.3 µg/l and 12.6 µg/l, respectively. CDCE was detected in the groundwater samples collected from monitoring wells MW-116D and MW-118D at concentrations of 5.1 µg/l and 2.8 µg/l, respectively. Vinyl chloride was detected in the groundwater sample collected from monitoring well MW-116D at a concentration of 4.8 µg/l.

In addition to PCE and associated degradation products, several other VOCs were detected in groundwater samples collected from the Site. As noted in Table 3-3, the following constituents were reported to be present in groundwater samples collected during the May 2007 sampling event. Acetone and tert-butyl alcohol was detected in the groundwater sample collected from monitoring well MW-109 at concentrations of 180 µg/l and 203 µg/l, respectively. Groundwater samples from monitoring wells MW-115 and MW-116D contained chloroform at concentrations of 6.6 µg/l, and 1.6 µg/l, respectively. Dichlorodifluoromethane was detected at concentrations of 2.0 µg/l, 2.0 µg/l, and 2.1 µg/l in the groundwater samples collected from monitoring wells MW-110, MW-111, and MW-114, respectively. Groundwater samples collected from monitoring wells MW-105 and MW-110 contained trichlorofluoromethane concentrations of 6.3 µg/l and 1.2 µg/l, respectively.

3.4.2 Metals

Concentrations of several metals were detected in the unfiltered and filtered groundwater samples collected from all 17 monitoring wells. The metals detected in groundwater samples from one or more locations included arsenic, barium, cadmium, total chromium, copper, nickel, and zinc.

3.4.2.1 Unfiltered Metals

Arsenic was detected in the groundwater samples collected from monitoring well MW-101 and MW-114 at concentrations of 0.0054 mg/l and 0.0044 mg/l. Barium was detected in

groundwater samples collected from monitoring wells MW-102, MW-103, MW-105, MW-109, MW-110, MW-111, MW-112, MW-113, MW-114, MW-115, MW-116D, MW-116S, MW-117D, MW-117S, MW-118D, and MW-118S at concentrations ranging from 0.0112 mg/l to 0.215 mg/l. The groundwater sample collected from monitoring well MW-115 contained cadmium at a concentration of 0.004 mg/l. Groundwater samples collected from monitoring wells MW-105, MW-109, MW-110, MW-112, MW-114, MW-115, and MW-116S had chromium detected at concentrations ranging from 0.006 mg/l to 0.61 mg/l.

Copper was detected in groundwater samples collected from monitoring wells MW-101, MW-105, MW-109, MW-110, MW-111, MW-114, MW-116S, MW-117D, MW-117S, MW-118D, and MW-118S at concentrations ranging from 0.005 mg/l to 2.27 mg/l. Nickel was detected in the groundwater samples collected from monitoring wells MW-102, MW-105, MW-109, MW-110, MW-111, MW-112, MW-114, and MW-115 at concentrations ranging from 0.0056 mg/l to 0.774 mg/l. Zinc was detected in the groundwater samples collected from monitoring wells MW-101, MW-102, MW-109, MW-110, MW-112, MW-116D, MW-116S, MW-117D, MW-117S, and MW-118D at concentrations ranging from 0.005 mg/l to 0.706 mg/l.

3.4.2.2 Filtered Metals

Metals analysis of groundwater samples field filtered through a 10-micron filter was performed on the groundwater samples collected from three monitoring wells (MW-109, MW-110, and MW-114). The groundwater samples collected from all three monitoring wells contained concentrations of barium ranging from 0.0704 mg/l to 0.184 mg/l. The groundwater sample collected from monitoring well MW-110 contained chromium at a concentration of 0.0102 mg/l. Copper was detected in the groundwater samples collected from monitoring wells MW-109 and MW-110 at concentrations of 1.66 mg/l and 2.26 mg/l, respectively. The groundwater samples collected from MW-109 and MW-110 contained nickel at concentrations of 0.619 mg/l and 0.138 mg/l, respectively. Zinc was detected in the groundwater samples collected from all three monitoring wells at concentrations ranging from 0.005 mg/l to 0.718 mg/l.

3.5 Quality Assurance/Quality Control Samples

QA/QC samples collected during the sampling event included a duplicate groundwater sample, equipment blank, and three trip blanks. The equipment blank and duplicate samples were analyzed for the same constituents as the field samples. The trip blank was analyzed for VOCs only. All QA/QC samples were submitted to Spectrum for analysis.

Field duplicate samples are collected to provide a measure of the reproducibility of field sampling and laboratory analytical methodologies. Consistency between analytical results for field duplicate samples indicates consistent field sampling, sample handling, and analytical laboratory procedures. The consistency between field duplicate pairs is often measured by the relative percent difference (RPD) between the reported concentrations of detected analytes. The RPD is calculated from the following formula:

$$RPD = \frac{|X_1 - X_2|}{(X_1 + X_2)/2} \times 100\%$$

where X_1 and X_2 represent the two reported concentration measurements.

3.5.1 July 2006 QA/QC

A duplicate groundwater sample was collected from monitoring well MW-116S during this groundwater sampling event. A review of the analytical data indicated RPDs of 9.5 percent, 0.0 percent, and 10.5 percent for barium, chromium, and PCE, respectively. The concentrations detected were comparable and within acceptable ranges of variability of 0 to 30 percent for groundwater samples.

VOCs were not reported above the method detection limits in the trip blank samples submitted as part of the groundwater sampling activities. No VOCs or metals were detected in the equipment blank sample submitted as part of the groundwater sampling activities.

3.5.2 October 2006 QA/QC

A duplicate groundwater sample was collected from monitoring well MW-109 during this groundwater sampling event. A review of the analytical data indicated RPDs ranging from 0 percent to 11.8 percent for most compounds. These concentrations were comparable and within acceptable ranges of variability of 0 to 30 percent for groundwater samples.

Chromium and zinc were detected in an unfiltered groundwater sample at concentrations of 0.0074 mg/l and 0.0797 mg/l, respectively, in one sample and were non-detect in the duplicate sample, resulting in RPDs outside acceptable limits. Since the 0.0074 mg/l concentration of chromium is less than two times the reporting limit of 0.0050 mg/l for the sample, and is less than the reporting limit of 0.0077 for the duplicate sample, the RPD does not adequately reflect the consistency of the duplicate samples; and as such, concentrations of chromium are believed to be within acceptable limits. The unfiltered concentration of zinc at 0.0797 mg/l is slightly above two times the reporting limit of 0.0380 mg/l, and therefore this analyte falls outside

acceptable QA/QC limits. The detection of zinc could be the result of a slight fluctuation in the sediment load of the sample.

VOCs were not reported above the method detection limits in the trip blank samples submitted as part of the groundwater sampling activities. No VOCs or metals were detected in the equipment blank sample submitted as part of the groundwater sampling activities.

3.5.3 February 2007 QAQC

A duplicate groundwater sample was collected from monitoring well MW-114 during this groundwater sampling event. A review of the analytical data indicated RPDs ranging from 1.8 percent to 5.8 percent for all compounds. These concentrations were comparable and within acceptable ranges of variability of 0 to 30 percent for groundwater samples.

VOCs were not reported above the method detection limits in the trip blank samples submitted as part of the groundwater sampling activities. No VOCs or metals were detected in the equipment blank sample submitted as part of the groundwater sampling activities.

3.5.4 May 2007 QAQC

A duplicate groundwater sample was collected from monitoring well MW-116S during this groundwater sampling event. A review of the analytical data indicated RPDs ranging from 1.0 percent to 4.3 percent for all compounds except zinc. These concentrations were comparable and within acceptable ranges of variability of 0 to 30 percent for groundwater samples. Zinc was not detected in one sample of the duplicate pair and detected at 0.0316 mg/l in the other sample of the duplicate pair, indicating poor duplicate precision for this analyte.

VOCs were not reported above the method detection limits in the trip blank samples submitted as part of the groundwater sampling activities. No VOCs or metals were detected in the equipment blank sample submitted as part of the groundwater sampling activities.

4. GROUNDWATER DATA EVALUATION

The following sections provide an evaluation of the analytical results of the groundwater samples, an assessment of LNAPL, and an evaluation of the groundwater flow direction based on the water-level and instrument survey measurements completed for the groundwater monitoring network as part of the quarterly groundwater sampling events.

4.1 Groundwater Quality

The groundwater analytical data have been compared to certain numeric criteria established in the RSRs for groundwater which are designed to protect existing uses of groundwater, surface water quality where groundwater plumes discharge into those water bodies, and air quality from the effects of vapors emanating from VOCs present in contaminated groundwater.

According to the Ground Water Quality Classification data-layer in the most recent Connecticut Department of Environmental Protection (DEP) Geographic Information System (GIS) database, groundwater beneath the South Parcel of the Site and surrounding areas within 1.0 mile to the south, east, and west continues to be designated as "GB". The southern portion of the MacDermid North parcel is also classified "GB". According to the DEP Water Quality Standards (Ground Water Quality Standards Effective April 12, 1996), groundwater classified as GB is presumed not suitable for human consumption without treatment. In "GB" groundwater quality areas, the groundwater protection aspect of the RSRs is designed to preserve water quality to permit the existing uses of groundwater and prevent further degradation of groundwater quality. No specific tabulated groundwater protection criteria (GWPC) exist for groundwater in GB areas.

Applicable criteria, under the RSRs, for areas where groundwater is classified as GB includes the SWPC and Volatilization Criteria. To satisfy the SWPC, the average concentration of contaminants within a groundwater plume which discharges to a surface water body or the concentration of contaminants within the portion of the plume immediately upgradient of the surface water body, must be lower than the SWPC for that specific constituent.

Concentrations of constituents detected in groundwater samples from the above-described sampling activities were compared to the default numeric Residential Volatilization Criteria (RVC) and Industrial/Commercial Volatilization Criteria (IVC) of the RSRs. The current Volatilization Criteria applies only to VOCs in groundwater within 15 feet of the ground surface beneath a building. Comparison of the groundwater analytical data was also made to the proposed RVC and IVC within the document entitled, *Proposed Revisions, Connecticut's*

Remediation Standard Regulations, Volatilization Criteria, prepared by the Permitting, Enforcement and Remediation Division, Bureau of Water Management, DEP, dated March 2003. The DEP's proposed Volatilization Criteria were prepared to be more consistent with the EPA Draft Guidance Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soil that was issued in November 2002. These DEP-proposed changes specify that the Volatilization Criteria would apply to locations where groundwater is within 30 feet of the ground surface beneath a building (in contrast to the current depth of 15 feet).

The Volatilization Criteria were developed to address the potential for VOCs volatilized from groundwater to migrate through the unsaturated zone to the ambient air at concentrations that would pose an unacceptable risk to occupants in a building. If the contaminated groundwater with exceedances of the RVC is located below a building used for industrial/commercial activity, and not residential activity, an Environmental Land Use Restriction (ELUR) must be in place to restrict future residential use. The RVC encompass the same compounds as the IVC but are typically more stringent due to the differences in exposure assumptions for each usage scenario. Exceedances of the RVC or IVC are acceptable in situations where an ELUR has been filed and appropriate engineering measures (i.e., sub-slab ventilation system or other barrier) prevent the migration of VOCs into any overlying building, providing that the proper maintenance, monitoring, and notifications are performed. Both the current and proposed RVC and IVC were evaluated as there are currently no ELURs instituted at the Site.

4.1.1 Groundwater Protection Criteria

There are no tabulated GWPC for GB areas and there are no known existing uses of groundwater in the area (as documented in *Documentation of EI Determination,* LEA February 2005). Therefore, the concentrations of constituents detected in the groundwater samples collected for analysis at the Site are not expected to interfere with existing uses.

4.1.2 Surface Water Protection Criteria

July 2006 A comparison of VOCs and metals concentrations detected in groundwater samples collected from the Site in July 2006 were made to the SWPC. No VOCs were detected in any of the groundwater samples collected at concentrations exceeding the tabulated numeric SWPC or previously calculated alternative SWPC for PCE.

Three metals (cadmium, copper, and zinc) were present in the unfiltered groundwater samples collected from one of more of monitoring wells MW-102, MW-109, and MW-110 at concentrations greater than tabulated SWPC. However, due to the location of the monitoring wells, these concentrations do not impact compliance with the criteria established in the RSRs.

Groundwater flow across the Site has trended in a southeasterly direction; therefore, monitoring wells MW-102, MW-109, and MW-110 do not represent the downgradient monitoring wells on the Site. There were no exceedances of the tabulated SWPC in any of the unfiltered groundwater samples collected from the downgradient monitoring wells along the southeastern Site boundary.

October 2006 A comparison of VOCs and metals concentrations detected in groundwater samples collected from the Site in October 2006 were made to the SWPC. PCE detected in the groundwater sample collected from monitoring well MW-115 at a concentration of 154 µg/l exceeded the tabulated numeric SWPC of 88 µg/l. However, this concentration did not exceed the alternative SWPC of 369 µg/l for PCE that was calculated and established for the Site in *Documentation of Environmental Indicator Determination (CA725) Current Human Exposures Under Control MacDermid, Incorporated, 526 Huntington Avenue, Waterbury, Connecticut,* prepared November 2002, revised February 2005.

Three metals (arsenic, copper, and zinc) were present in the unfiltered and filtered groundwater samples collected from one or more of monitoring wells MW-101, MW-109, and MW-110 at concentrations greater than tabulated SWPC. However, due to the location of the monitoring wells, these concentrations do not impact compliance with the criteria established in the RSRs. Groundwater flow across the Site has trended in a southeasterly direction; therefore, monitoring wells MW-101, MW-109, and MW-110 do not represent the downgradient monitoring wells on the Site. There were no metals exceedances of the tabulated SWPC in any of the unfiltered or filtered groundwater samples collected from the downgradient monitoring wells along the southeastern Site boundary.

February 2007 A comparison of VOCs and metals concentrations detected in groundwater samples collected from the Site in February 2007 was made to the SWPC. PCE detected in the groundwater sample collected from monitoring well MW-115 at a concentration of 89.6 µg/l exceeded the default numeric SWPC of 88 µg/l. However, this concentration did not exceed the alternative SWPC of 369 µg/l for PCE that was calculated and established for the Site in the document entitled *Documentation of Environmental Indicator Determination (CA725) Current Human Exposures Under Control, MacDermid, Incorporated, 526 Huntington Avenue, Waterbury, Connecticut,* prepared November 2002, revised February 2005.

Four metals (arsenic, copper, nickel, and zinc) were present in the unfiltered and filtered groundwater samples collected from one or more of monitoring wells MW-101, MW-102, MW-109, MW-110, and MW-115 at concentrations greater than tabulated SWPC. However, due to the location of monitoring wells MW-101, MW-102, MW-109, and MW-110, these concentrations do not impact compliance with the criteria established in the RSRs. Groundwater

flow across the Site has trended in a southeasterly direction; therefore, monitoring wells MW-101, MW-102, MW-109, and MW-110 do not represent the downgradient monitoring wells on the Site. Both the unfiltered and filtered groundwater samples collected from monitoring well MW-115 exhibited an exceedance of the SWPC of 0.88 mg/l for nickel. The unfiltered groundwater sample collected from monitoring well MW-115 contained nickel at a concentration of 1.25 mg/l, while the filtered groundwater sample contained nickel at a concentration of 1.21 mg/l.

May 2007 A comparison of VOCs and metals concentrations detected in groundwater samples collected from the Site in May 2007 was made to the SWPC. No VOCs were detected in any of the groundwater samples collected at concentrations exceeding the tabulated numeric SWPC.

Three metals (arsenic, copper, and zinc) were present in the unfiltered and filtered groundwater samples collected from one or more of the monitoring wells MW-101, MW-109, MW-110, and MW-114 at concentrations greater than tabulated SWPC. However, due to the location of monitoring wells MW-101, MW-109, and MW-110, these concentrations do not impact compliance with the criteria established in the RSRs. Groundwater flow across the Site has trended in a southeasterly direction; therefore, monitoring wells MW-101, MW-109, and MW-110 do not represent the downgradient monitoring wells on the Site.

Only the unfiltered groundwater sample collected from monitoring well MW-114 exhibited an exceedance of the SWPC of 0.004 mg/l for arsenic. The unfiltered groundwater sample collected from monitoring well MW-114 contained arsenic at a concentration of 0.0044 mg/l, while the groundwater sample collected through a 10-micron filter was non-detect. The use of the 10-micron filter allows the passage of colloidal particles that might move with the groundwater to be included in the analyzed sample, but excludes particles of sediment present in the monitoring well that are mobilized only during purging and pumping, and would not be mobile in the aquifer under natural flow conditions. As such, this concentration of arsenic does not impact compliance with the criteria established for the Site.

4.1.3 Volatilization Criteria

July 2006 A comparison of VOC concentrations constituents detected in groundwater samples collected from the Site in July 2006 were made to the Volatilization Criteria. The groundwater samples collected from monitoring wells MW-115 and MW-116D had detectable concentrations of 11DCE and vinyl chloride, respectively, which were greater than respective tabulated RVC and IVC. However, because the depth to water at these two monitoring wells is greater than 15 feet below the ground surface (approximately 30 feet), the IVC and RVC do not apply.

Groundwater analytical data were also compared to the proposed RVC and IVC. The concentrations of constituents detected above the proposed RVC and the location at which the exceedance was noted is summarized in Table 4-1. The groundwater sample collected from monitoring well MW-116D had vinyl chloride at a concentration of 7.2 µg/l, exceeding the proposed RVC of 1.6 µg/l. The depth to groundwater at well MW-116D was 29.85 feet, which was minimally above 30 feet below grade. No VOCs were detected in groundwater samples collected at concentrations exceeding the proposed IVC.

October 2006 A comparison of VOC concentrations detected in groundwater samples collected from the Site in October 2006 were made to the Volatilization Criteria. The groundwater samples collected from monitoring wells MW-115 and MW-116D had detectable concentrations of 11DCE and vinyl chloride, respectively, which were greater than the current tabulated RVC and IVC. However, because the depth to water at these two monitoring wells is greater than 15 feet below the ground surface (approximately 30 feet), the IVC and RVC do not apply.

Groundwater analytical data were also compared to the proposed RVC and IVC. The groundwater sample collected from monitoring well MW-116D had vinyl chloride at a concentration of 8.3 µg/l, exceeding the proposed RVC of 1.6 µg/l. The groundwater sample collected from monitoring well MW-115 had a 12DCA concentration of 8.1 µg/l, exceeding the proposed RVC of 6.5 µg/l. However, because the depth to water of these two monitoring well is greater than 30 feet below the ground surface (31.21 and 31.58 feet below grade, respectively), the proposed RVC do not apply. No VOCs were detected in groundwater samples collected at concentrations exceeding the proposed IVC.

February 2007 A comparison of VOC concentrations detected in groundwater samples collected from the Site in February 2007 were made to the Volatilization Criteria. The groundwater samples collected from monitoring wells MW-115 and MW-116D had detectable concentrations of 11DCE and vinyl chloride, respectively, which were greater than the current tabulated RVC and IVC. However, because the depth to water at these two monitoring wells is greater than 15 feet below the ground surface (approximately 30 feet), the IVC and RVC do not apply.

Groundwater analytical data were also compared to the proposed RVC and IVC. The groundwater sample collected from monitoring well MW-116D had vinyl chloride at a concentration of 7.3 µg/l, exceeding the proposed RVC of 1.6 µg/l. However, because the depth to water of this monitoring well is greater than 30 feet below the ground surface (48.29 feet below grade), the proposed RVC do not apply. No VOCs were detected in groundwater samples collected at concentrations exceeding the proposed IVC.

May 2007 A comparison of VOC concentrations detected in groundwater samples collected from the Site in May 2007 were made to the Volatilization Criteria. The groundwater samples collected from monitoring wells MW-115 and MW-116D had detectable concentrations of 11DCE and vinyl chloride, respectively, which were greater than the current tabulated RVC and IVC. However, because the depth to water at these two monitoring wells is greater than 15 feet below the ground surface (approximately 30 feet), the IVC and RVC do not apply.

Groundwater analytical data were also compared to the proposed RVC and IVC. The concentrations of constituents detected above the proposed RVC and the location at which the exceedance was noted is summarized in Table 4-1. The groundwater sample collected from monitoring well MW-116D contained vinyl chloride at a concentration of 4.8 µg/l, exceeding the proposed RVC of 1.6 µg/l. The depth to groundwater at monitoring well MW-116D was 29.35 feet, which is minimally above 30 feet below grade. No VOCs were detected in groundwater samples collected at concentrations exceeding the proposed IVC.

4.2 LNAPL Assessment

During the July 2006 groundwater sampling event, LNAPL was observed in monitoring well MW-108 at a thickness of 0.48 feet, and in piezometer PZ-04 at a thickness of 7.71 feet. The product thickness in monitoring well MW-108 was measured at 0.67 and in piezometer PZ-04 was measured at 3.99 feet in August 2004. LNAPL measured in each of the monitoring wells during the sampling event are summarized in tabular form on Drawing 1-1.

During the October 2006 groundwater sampling event, LNAPL was observed in monitoring well MW-108 at a thickness of 1.03 feet, and in piezometer PZ-04 at a thickness of 4.25 feet. LNAPL measured in each of the monitoring wells during the sampling event are summarized in tabular form on Drawing 1-2. During the February 2007 groundwater sampling event, LNAPL was observed in monitoring well MW-108 at a thickness of 0.28 feet, and in piezometer PZ-04 at a thickness of 3.25 feet. LNAPL measured in each of the monitoring wells during the sampling event are summarized in tabular form on Drawing 1-3.

During the May 2007 groundwater sampling event, LNAPL was observed in monitoring well MW-108 at a thickness of 0.10 feet, and in piezometer PZ-04 at a thickness of 3.19 feet. LNAPL measured in each of the monitoring wells during the sampling event are summarized in tabular form on Drawing 1-4.

4.3 Hydrogeologic Conditions

Groundwater level measurements were collected from all monitoring wells and piezometers on the Site during each of the four quarterly groundwater sampling events. In monitoring wells and piezometers that did not contain LNAPL, depths to water were converted to water level elevations based upon the surveyed reference point (top of the polyvinyl chloride [PVC] risers).

Drawing 1-1 provides the water level measurements and groundwater elevations, which are summarized in tabular form for the July 2006 groundwater sampling event. A generalized groundwater table contour map was generated for the upper zone of the unconsolidated aquifer of the South Parcel from the calculated ground water elevations which is also presented as part of Drawing 1-1. Monitoring wells MW-116D, MW-117D, and MW-118D were not used in the development of groundwater table contours as these monitoring wells are screened in the deeper zone of the overburden. In addition, monitoring well MW-108 and piezometer PZ-04 were not used in the development of the groundwater table contours as these locations contained LNAPL. The predominant groundwater flow on the South Parcel from the quarterly monitoring event is generally to the south, southeast, and east as shown on Drawing 1-1.

Drawing 1-2 provides the water level measurements and groundwater elevations, which are summarized in tabular form for the October 2006 groundwater sampling event. A generalized groundwater table contour map was generated for the upper zone of the unconsolidated aquifer of the South Parcel from the calculated ground water elevations which is also presented as part of Drawing 1-2. Monitoring wells MW-116D, MW-117D, and MW-118D were not used in the development of groundwater table contours as these monitoring wells are screened in the deeper zone of the overburden. In addition, monitoring well MW-108 and piezometer PZ-04 were not used in the development of the groundwater table contours as these locations contained LNAPL. The predominant groundwater flow on the South Parcel from the quarterly monitoring event is generally to the south, southeast, and east as shown on Drawing 1-2.

Drawing 1-3 provides the water level measurements and groundwater elevations, which are summarized in tabular form for the February 2007 groundwater sampling event. A generalized groundwater table contour map was generated for the upper zone of the unconsolidated aquifer of the South Parcel from the calculated ground water elevations which is also presented as part of Drawing 1-3. Monitoring wells MW-116D, MW-117D, and MW-118D were not used in the development of groundwater table contours as these monitoring wells are screened in the deeper zone of the overburden. In addition, monitoring well MW-108 and piezometer PZ-04 were not used in the development of the groundwater table contours as these locations contained LNAPL.

The predominant groundwater flow on the South Parcel from the quarterly monitoring event is generally to the south, southeast, and east as shown on Drawing 1-3.

Drawing 1-4 provides the water level measurements and groundwater elevations, which are summarized in tabular form for the May 2007 groundwater sampling event. A generalized groundwater table contour map was generated for the upper zone of the unconsolidated aquifer of the South Parcel from the calculated ground water elevations which is also presented as part of Drawing 1-4. Monitoring wells MW-116D, MW-117D, and MW-118D were not used in the development of groundwater table contours as these monitoring wells are screened in the deeper zone of the overburden. In addition, monitoring well MW-108 and piezometer PZ-04 were not used in the development of the groundwater table contours as these locations contained LNAPL. The predominant groundwater flow on the South Parcel from the quarterly monitoring event is generally to the south, southeast, and east as shown on Drawing 1-4.

Vertical gradients between the upper zone and the deeper zone of the unconsolidated aquifer were evaluated to assess contaminant concentrations at depth within the aquifer. Three sets of well clusters are located along the western Site boundary, identified as monitoring wells MW-116D/MW-116S, MW-117D/MW-117S, and MW-118D/MW-118S. An assessment of the vertical gradient between these three shallow wells and their associated deeper wells indicates a downward hydraulic gradient observed in all four of the quarterly sampling events. This downward vertical gradient was also observed previously in August 2004.

5. SUMMARY AND CONCLUSIONS

LEA was retained by MacDermid to conduct quarterly groundwater monitoring and prepare this groundwater monitoring report for the Site. This groundwater monitoring report has been prepared to document the groundwater monitoring and sampling activities as well as provide a continuing assessment of groundwater quality at the Site to ensure that either the conditions do not change adversely over time or that any adverse changes that might occur would be detected within a reasonable time frame. Further, the purpose of the quarterly groundwater monitoring is to assess seasonal variations and groundwater flow direction, to evaluate the presence of LNAPL in groundwater at the Site, and to characterize groundwater quality so as to be able to conclude that conditions in groundwater at the Site do not pose an unacceptable risk to human health.

The first quarter of groundwater monitoring was completed at the Site on July 26, 27, and 28, 2006. The second quarter of groundwater monitoring was completed at the Site on October 27, 30, and 31, 2006. The third quarter of groundwater monitoring was completed at the Site on February 12, 13, 15, 16, and 20, 2007. The fourth quarter of groundwater monitoring was completed at the Site on May 22, 23, 24, and 25, 2007.

Groundwater level measurements and the evaluation of the presence of LNAPL was conducted at 22 monitoring wells and piezometers, and groundwater sampling was conducted at 17 monitoring wells during the quarterly groundwater sampling events. Groundwater sampling was performed using a modified low-flow sampling technique, and unfiltered groundwater samples were collected from each of the above monitoring wells for analysis for VOCs and total metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and zinc). Filtered groundwater samples were collected from all 17 monitoring wells; however, because not all of the groundwater samples from these monitoring wells exceeded the SWPC, only the groundwater samples collected from monitoring wells that exceeded the SWPC were analyzed for filtered metals.

LNAPL was detected at two locations during the quarterly monitoring events. Monitoring well MW-108 had measurements of product thicknesses ranging from 0.10 feet to 1.03 feet and piezometer PZ-4 had measurements of product thicknesses ranging from 3.19 feet to 7.71 feet. The predominant groundwater flow on the South Parcel from the quarterly monitoring event is generally to the south, southeast, and east.

The groundwater analytical data was compared to the applicable numeric criteria established in the RSRs for groundwater which are designed to protect existing uses of groundwater, surface water quality where groundwater plumes discharge into those water bodies, and air quality from

the effects of vapors emanating from VOCs present in contaminated groundwater. Applicable RSR criteria for areas were groundwater is classified as GB includes SWPC, current RVC and IVC, and proposed RVC and IVC. Although the existing use of the Site is industrial/commercial in nature, both the current and proposed RVC and IVC were evaluated as there are currently no ELURs instituted at the Site.

A comparison of VOCs and metals concentrations detected in groundwater samples collected from the Site was made to the SWPC. No VOCs were detected in any of the groundwater samples collected at concentrations exceeding the tabulated numeric SWPC or previously calculated alternative SWPC of 369 µg/l for PCE that was calculated and established for the Site in *Documentation of Environmental Indicator Determination (CA725) Current Human Exposures Under Control MacDermid, Incorporated, 526 Huntington Avenue, Waterbury, Connecticut,* prepared November 2002, revised February 2005.

During the quarterly groundwater sampling events, three metals (cadmium, copper, and zinc) were present in the unfiltered groundwater samples collected from one of more of the monitoring wells MW-102, MW-109, and MW-110 at concentrations greater than tabulated SWPC. However, due to the location of the monitoring wells, these concentrations do not impact compliance with the criteria established in the RSRs. Groundwater flow across the Site has trended in a southeasterly direction; therefore, monitoring wells MW-102, MW-109, and MW-110 do not represent the downgradient monitoring wells on the Site. There were no exceedances of the tabulated SWPC in any of the unfiltered groundwater samples collected from the downgradient wells along the southeastern Site boundary.

During the February 2007 groundwater sampling event, both the unfiltered and filtered groundwater samples collected from monitoring well MW-115 exhibited an exceedance of the SWPC of 0.88 mg/l for nickel. The unfiltered groundwater sample collected from monitoring well MW-115 contained nickel at a concentration of 1.25 mg/l, while the filtered groundwater sample contained nickel at a concentration of 1.21 mg/l. All prior groundwater sampling events and subsequent groundwater sampling events did not indicate an issue with nickel in groundwater samples from this monitoring well.

During the May 2007 groundwater sampling event, only the unfiltered groundwater sample collected from monitoring well MW-114 exhibited an exceedance of the SWPC of 0.004 mg/l for arsenic. The unfiltered groundwater sample collected from monitoring well MW-114 contained arsenic at a concentration of 0.0044 mg/l, while the groundwater sample collected through a 10-micron filter was non-detect. The use of the 10-micron filter allows the passage of colloidal particles that might move with the groundwater to be included in the analyzed sample,

but excludes particles of sediment present in the monitoring well that are mobilized only during purging and pumping, and would not be mobile in the aquifer under natural flow conditions. As such, this concentration of arsenic does not impact compliance with the criteria established for the Site.

During the quarterly groundwater sampling events, the groundwater samples collected from monitoring wells MW-115 and MW-116D had detected concentrations of 11DCE and vinyl chloride, respectively, which were greater than respective tabulated RVC and IVC. However, because the depth to water at these two monitoring wells is greater than 15 feet below the ground surface (approximately 30 feet), the IVC and RVC do not apply.

Groundwater analytical data were also compared to the proposed RVC and IVC. No VOCs were detected in groundwater samples collected during any of the quarterly groundwater sampling events at concentrations exceeding the proposed IVC. During the July 2006 groundwater sampling event, the groundwater sample collected from monitoring well MW-116D had vinyl chloride at a concentration of 7.2 µg/l, exceeding the proposed RVC of 1.6 µg/l. The depth to groundwater at well MW-116D was 29.85 feet, which was minimally above 30 feet below grade.

During the October 2006 groundwater sampling event, the groundwater sample collected from monitoring well MW-116D had vinyl chloride at a concentration of 8.3 µg/l. The groundwater sample collected from monitoring well MW-115 had a 12DCA concentration of 8.1 µg/l, exceeding the proposed RVC of 6.5 µg/l. However, because the depth to water of these two monitoring well is greater than 30 feet below the ground surface (31.21 and 31.58 feet below grade, respectively), the proposed RVC do not apply.

During the February 2007 groundwater sampling event, the groundwater sample collected from monitoring well MW-116D had vinyl chloride at a concentration of 7.3 µg/l. However, because the depth to water of this monitoring well is greater than 30 feet below the ground surface (48.29 feet below grade), the proposed RVC do not apply. During the May 2007 groundwater sampling event, the groundwater sample collected from monitoring well MW-116D contained vinyl chloride at a concentration of 4.8 µg/l. The depth to groundwater at monitoring well MW-116D was 29.35 feet, which is minimally above 30 feet below grade.

With the four quarterly groundwater sampling events performed and an assessment of the analytical data completed, it shows that the conditions at the Site did not change adversely over time. Further, the quarterly groundwater monitoring supports the conclusion that conditions in groundwater at the Site do not pose an unacceptable risk to human health.

TABLES

TABLES

Table 3-1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
MacDermid - Huntingdon Avenue, Waterbury, Connecticut:

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEA Analyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
MW-101	1174241	07/27/2006	26.00 - 36.00	GWS		x					X	
MW-101	1187384	10/30/2006	26.00 - 36.00	GWS		x					X	
MW-101	1197678	02/16/2007	26.00 - 36.00	GWS		x					X	
MW-101	1206370	05/25/2007	26.00 - 36.00	GWS		x					X	
MW-102	1174240	07/27/2006	21.70 - 31.70	GWS		x					X	
MW-102	1187383	10/30/2006	21.70 - 31.70	GWS		X					X	
MW-102	1197680	02/16/2007	21.70 - 31.70	GWS		x					X	
MW-102	1206371	05/25/2007	21.70 - 31.70	GWS		x					X	
MW-103	1174237	07/27/2006	25.00 - 35.00	GWS		x					X	
MW-103	1187379	10/30/2006	25.00 - 35.00	GWS		x					X	
MW-103	1197406	02/15/2007	25.00 - 35.00	GWS		x					X	
MW-103	1206361	05/23/2007	25.00 - 35.00	GWS		x					X	
MW-105	1174238	07/27/2006	27.00 - 37.00	GWS		X					X	
MW-105	1187382	10/30/2006	27.00 - 37.00	GWS		X					X	
MW-105	1197683	02/20/2007	27.00 - 37.00	GWS		X					X	
MW-105	1206358	05/23/2007	27.00 - 37.00	GWS		X					X	
MW-109	1174242	07/27/2006	25.00 - 35.00	GWS		X					X	
MW-109	1187385	10/30/2006	25.00 - 35.00	GWS		X					X	
MW-109	1187400	10/30/2006	25.00 - 35.00	GWS		X					X	
MW-109	1197411	02/15/2007	25.00 - 35.00	GWS		X					X	
MW-109	1206373	05/25/2007	25.00 - 35.00	GWS		X					X	
MW-110	1174243	07/28/2006		GWS		X					X	
MW-110	1187388	10/31/2006		GWS		X					X	
MW-110	1197687	02/16/2007		GWS		X					X	
MW-110	1206372	05/25/2007		GWS		X					X	
MW-111	1174236	07/27/2006	25.00 - 35.00	GWS		X					X	
MW-111	1187398	10/30/2006	25.00 - 35.00	GWS		X					X	
MW-111	1197409	02/15/2007	25.00 - 35.00	GWS		X					X	
MW-111	1206363	05/23/2007	25.00 - 35.00	GWS		X					X	
MW-112	1174248	07/28/2006	25.00 - 35.00	GWS		X					X	
MW-112	1187389	10/31/2006	25.00 - 35.00	GWS		X					X	
MW-112	1197388	02/13/2007	25.00 - 35.00	GWS		X					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 11/16/2007

Table 3-1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
MacDermid - Huntingdon Avenue, Waterbury, Connecticut:

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
MW-112	1206374	05/25/2007	25.00 - 35.00	GWS		X					X	
MW-113	1174249	07/28/2006	30.00 - 40.00	GWS		x					X	
MW-113	1187381	10/30/2006	30.00 - 40.00	GWS		x					X	
MW-113	1197679	02/16/2007	30.00 - 40.00	GWS		x					X	
MW-113	1206360	05/23/2007	30.00 - 40.00	GWS		x					X	
MW-114	1174235	07/27/2006	28.00 - 38.00	GWS		X					X	
MW-114	1187397	10/30/2006	28.00 - 38.00	GWS		X					X	
MW-114	1197407	02/15/2007	28.00 - 38.00	GWS		X					X	
MW-114	1197408	02/15/2007	28.00 - 38.00	GWS		X					X	
MW-114	1206359	05/23/2007	28.00 - 38.00	GWS		X					X	
MW-115	1174239	07/27/2006	28.00 - 38.00	GWS		X					X	
MW-115	1187380	10/30/2006	28.00 - 38.00	GWS		X					X	
MW-115	1197681	02/16/2007	28.00 - 38.00	GWS		X					X	
MW-115	1206362	05/23/2007	28.00 - 38.00	GWS		X					X	
MW-116D	1174246	07/28/2006	50.00 - 60.00	GWS		X					X	
MW-116D	1187394	10/31/2006	50.00 - 60.00	GWS		X					X	
MW-116D	1197386	02/13/2007	50.00 - 60.00	GWS		X					X	
MW-116D	1206367	05/24/2007	50.00 - 60.00	GWS		X					X	
MW-116S	1174247	07/28/2006	28.00 - 38.00	GWS		X					X	
MW-116S	1174264	07/28/2006	28.00 - 38.00	GWS		X					X	
MW-116S	1187395	10/31/2006	28.00 - 38.00	GWS		X					X	
MW-116S	1197400	02/15/2007	28.00 - 38.00	GWS		X					X	
MW-116S	1206368	05/24/2007	28.00 - 38.00	GWS		X					X	
MW-116S	1206375	05/24/2007	28.00 - 38.00	GWS		X					X	
MW-117D	1174244	07/28/2006	45.00 - 55.00	GWS		x					X	
MW-117D	1187386	10/31/2006	45.00 - 55.00	GWS		X					X	
MW-117D	1197391	02/13/2007	45.00 - 55.00	GWS		X					X	
MW-117D	1206365	05/24/2007	45.00 - 55.00	GWS		x					X	
MW-117S	1174245	07/28/2006	28.00 - 38.00	GWS		x					X	
MW-117S	1187387	10/31/2006	28.00 - 38.00	GWS		X					X	
MW-117S	1197387	02/13/2007	28.00 - 38.00	GWS		x					X	
MW-117S	1206364	05/24/2007	28.00 - 38.00	GWS		x					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 11/16/2007

Table 3-1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
MacDermid - Huntingdon Avenue, Waterbury, Connecticut:

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
MW-118D	1174250	07/28/2006	50.00 - 60.00	GWS		x					X	
MW-118D	1187391	10/31/2006	50.00 - 60.00	GWS		x					X	
MW-118D	1197675	02/16/2007	50.00 - 60.00	GWS		x					X	
MW-118D	1206366	05/24/2007	50.00 - 60.00	GWS		X					X	
MW-118S	1174251	07/28/2006	28.00 - 38.00	GWS		X					X	
MW-118S	1187390	10/31/2006	28.00 - 38.00	GWS		X					X	
MW-118S	1197676	02/16/2007	28.00 - 38.00	GWS		X					X	
MW-118S	1206369	05/24/2007	28.00 - 38.00	GWS		X					X	

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, m - Methanol, nr - not received; Capitalized - at least one analyte in class detected

Printed on 11/16/2007

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101
	Sample ID	1174241	1174241	1187384	1187384	1197678	1197678	1206370
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/25/2007
	Sample Time	14:05	14:05	13:20	13:20	15:00	15:00	08:40
	Sample Depth	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-10	SA48857-11	SA53519-11	SA53519-12	SA58353-05	SA58353-06	SA62837-08
Constituent	Units							
Xylenes,m- & p-	ug/L	<2.0		<2		<2.0		<2
Depth of Well	Ft	32.69	32.69			32.75	32.75	32.73
Depth to Water	Ft			2.55	2.55	4.98	4.98	3.83
Oxygen, Dissolved (field)	mg/L	1.04	1.04	0.36	0.36	0.58	0.58	0.84
Specific Conductivity (field)	uS/cm	124	124	162	162	98	98	143
Temperature	C	15.09	15.09	12.42	12.42	8.92	8.92	10.93
Turbidity (field)	NTU	1.43	1.43	0.14	0.14	0.81	0.81	1.11
pH (field measurement)	SU	7.60	7.60	5.36	5.36	7.26	7.26	8.01
Date Metals Analyzed	-		08/05/2006		11/04/2006		02/27/2007	
Date Organics Analyzed	-	08/04/2006		11/07/2006		02/24/2007		06/05/2007
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L		<0.0040		0.0066		0.0045	
Barium	mg/L							
Barium (unfiltered)	mg/L		<0.0050		0.0072		<0.0050	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L		<0.0025		<0.0025		<0.0025	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		<0.0050		<0.005		<0.0050	
Copper	mg/L							
Copper (unfiltered)	mg/L		<0.0050		0.142		0.0217	
Lead	mg/L							
Lead (unfiltered)	mg/L		<0.0075		<0.0075		<0.0075	
Mercury	mg/L							
Mercury (unfiltered)	mg/L		<0.00020		<0.0002		<0.00020	
Nickel	mg/L							
Nickel (unfiltered)	mg/L		<0.0050		<0.005		<0.0050	
Selenium	mg/L							
Selenium (unfiltered)	mg/L		<0.0150		<0.015		<0.0150	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101
	Sample ID	1174241	1174241	1187384	1187384	1197678	1197678	1206370
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/25/2007
	Sample Time	14:05	14:05	13:20	13:20	15:00	15:00	08:40
	Sample Depth	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-10	SA48857-11	SA53519-11	SA53519-12	SA58353-05	SA58353-06	SA62837-08
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L		<0.0050		<0.005		<0.0050	
Zinc	mg/L							
Zinc (unfiltered)	mg/L		0.123		1.59		0.329	
Oxidation-Reduction Potential	mV	407.9	407.9	180.9	180.9	23.6	23.6	78.2
Naphthalene	ug/L	<1.0		<1		<1.0		<1
Acetone	ug/L	<20.0		<10		<10.0		<10
Acrylonitrile	ug/L	<0.5		<1		<1.0		<1
Benzene	ug/L	<1.0		<1		<1.0		<1
1,2,3-Trichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,2,4-Trichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,2,4-Trimethylbenzene	ug/L	<1.0		<1		<1.0		<1
o-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,3,5-Trimethylbenzene	ug/L	<1.0		<1		<1.0		<1
m-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
p-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
Bromobenzene	ug/L	<1.0		<1		<1.0		<1
Butyl Benzene	ug/L	<1.0		<1		<1.0		<1
Chlorobenzene	ug/L	<1.0		<1		<1.0		<1
Ethylbenzene	ug/L	<1.0		<1		<1.0		<1
Isopropylbenzene (Cumene)	ug/L	<1.0		<1		<1.0		<1
Isocumene	ug/L	<1.0		<1		<1.0		<1
sec-Butylbenzene	ug/L	<1.0		<1		<1.0		<1
tert-Butylbenzene	ug/L	<1.0		<1		<1.0		<1
Hexachlorobutadiene	ug/L	<0.5		<1		<1.0		<1
tert-Amyl Methyl ether	ug/L	<1.0		<1		<1.0		<1
Methyl Ethyl ketone	ug/L	<10.0		<10		<10.0		<10
Butyl alcohol, tert-	ug/L	<10.0		<10		<10.0		<10

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101
	Sample ID	1174241	1174241	1187384	1187384	1197678	1197678	1206370
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/25/2007
	Sample Time	14:05	14:05	13:20	13:20	15:00	15:00	08:40
	Sample Depth	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-10	SA48857-11	SA53519-11	SA53519-12	SA58353-05	SA58353-06	SA62837-08
Constituent	Units							
Carbon Disulfide	ug/L	<5.0		<5		<5.0		<5
Carbon Tetrachloride	ug/L	<1.0		<1		<1.0		<1
4-Isopropyltoluene	ug/L	<1.0		<1		<1.0		<1
p-Dioxane	ug/L	<20.0		<20		<20.0		<20
Ethyl ether	ug/L	<1.0		<1		<1.0		<1
1,1,1,2-Tetrachloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,1-Trichloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,2,2-Tetrachloroethane	ug/L	<0.5		<1		<1.0		<1
1,1,2-Trichloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,2-Trichlorotrifluoroethane	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloroethane	ug/L	<1.0		<1		<1.0		<1
Ethylene Dibromide	ug/L	<0.5		<1		<1.0		<1
1,2-Dichloroethane	ug/L	<1.0		<1		<1.0		<1
Chloroethane	ug/L	<2.0		<2		<2.0		<2
Ethyl tert-Butyl ether	ug/L	<1.0		<1		<1.0		<1
Methyl tert-Butyl ether	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
trans-1,2-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
cis-1,2-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
Vinyl Chloride	ug/L	<1.0		<1		<1.0		<1
Tetrachloroethylene	ug/L	<1.0		<1		<1.0		<1
Trichloroethylene	ug/L	<1.0		<1		<1.0		<1
Tetrahydrofuran	ug/L	<10.0		<10		<10.0		<10
Hexanone,2-	ug/L	<10.0		<10		<10.0		<10
Bromomethane	ug/L	<2.0		<2		<2.0		<2
Bromochloromethane	ug/L	<1.0		<1		<1.0		<1
Bromodichloromethane	ug/L	<0.5		<1		<1.0		<1
Chloromethane	ug/L	<2.0		<2		<2.0		<2

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101
	Sample ID	1174241	1174241	1187384	1187384	1197678	1197678	1206370
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/25/2007
	Sample Time	14:05	14:05	13:20	13:20	15:00	15:00	08:40
	Sample Depth	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-10	SA48857-11	SA53519-11	SA53519-12	SA58353-05	SA58353-06	SA62837-08
Constituent	Units							
Chlorodibromomethane	ug/L	<0.5		<1		<1.0		<1
Methylene Dibromide	ug/L	<1.0		<1		<1.0		<1
Methylene Chloride	ug/L	<5.0		<10		<10.0		<10
Dichlorodifluoromethane	ug/L	<2.0		<2		<2.0		<2
Bromoform	ug/L	<1.0		<1		<1.0		<1
Chloroform	ug/L	<1.0		<1		<1.0		<1
Trichlorofluoromethane	ug/L	<1.0		<1		<1.0		<1
Total Trihalomethanes (Calc.)	ug/L	<1.0		<1		<1.0		<1
Methyl Isobutyl ketone	ug/L	<10.0		<10		<10.0		<10
1,2,3-Trichloropropane	ug/L	<1.0		<1		<1.0		<1
1,2-Dibromo-3-Chloropropane	ug/L	<2.0		<2		<2.0		<2
1,2-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
1,3-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
Diisopropyl ether	ug/L	<1.0		<1		<1.0		<1
sec-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloropropene	ug/L	<1.0		<1		<1.0		<1
trans-1,3-Dichloropropene	ug/L	<0.5		<1		<1.0		<1
cis-1,3-Dichloropropene	ug/L	<0.5		<1		<1.0		<1
Styrene	ug/L	<1.0		<1		<1.0		<1
Toluene	ug/L	<1.0		<1		<1.0		<1
o-Chlorotoluene	ug/L	<1.0		<1		<1.0		<1
p-Chlorotoluene	ug/L	<1.0		<1		<1.0		<1
o-Xylene	ug/L	<1.0		<1		<1.0		<1
Xylenes, Total (Calc.)	ug/L	<1.0		<1		<1.0		<1
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-101	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102
	Sample ID	1206370	1174240	1174240	1187383	1187383	1197680	1197680
	Sample Date	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007
	Sample Time	08:40	14:20	14:20	11:15	11:15	15:25	15:25
	Sample Depth	26.00' - 36.0	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-09	SA48857-08	SA48857-09	SA53519-09	SA53519-10	SA58353-09	SA58353-10
Constituent	Units							
Xylenes,m- & p-	ug/L		<2.0		<2		<2.0	
Depth of Well	Ft	32.73	33.79	33.79				
Depth to Water	Ft	3.83			29.2	29.2	26.30	26.30
Oxygen, Dissolved (field)	mg/L	0.84	5.49	5.49	2.01	2.01	3.51	3.51
Specific Conductivity (field)	uS/cm	143	56	56	137	137	75	75
Temperature	C	10.93	16.91	16.91	11.77	11.77	7.10	7.10
Turbidity (field)	NTU	1.11	4.17	4.17	5.81	5.81		
pH (field measurement)	SU	8.01	6.02	6.02	6.47	6.47	6.47	6.47
Date Metals Analyzed	-	06/03/2007		08/05/2006		11/04/2006		02/27/2007
Date Organics Analyzed	-		08/04/2006		11/07/2006		02/24/2007	
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	0.0054		<0.0040		<0.004		0.0058
Barium	mg/L							
Barium (unfiltered)	mg/L	<0.005		0.0148		<0.0073		0.0084
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	<0.0025		0.0150		<0.0025		<0.0025
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	<0.005		<0.0050		<0.005		<0.0050
Copper	mg/L							
Copper (unfiltered)	mg/L	0.0061		0.0112		<0.005		0.0121
Lead	mg/L							
Lead (unfiltered)	mg/L	<0.0075		<0.0075		<0.0075		<0.0075
Mercury	mg/L							
Mercury (unfiltered)	mg/L	<0.0002		<0.00020		<0.0002		<0.00020
Nickel	mg/L							
Nickel (unfiltered)	mg/L	<0.005		0.0237		0.0194		0.0322
Selenium	mg/L							
Selenium (unfiltered)	mg/L	<0.015		<0.0150		<0.015		<0.0150

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-101	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102
	Sample ID	1206370	1174240	1174240	1187383	1187383	1197680	1197680
	Sample Date	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007
	Sample Time	08:40	14:20	14:20	11:15	11:15	15:25	15:25
	Sample Depth	26.00' - 36.0	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-09	SA48857-08	SA48857-09	SA53519-09	SA53519-10	SA58353-09	SA58353-10
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L	<0.005		<0.0050		<0.005		<0.0050
Zinc	mg/L							
Zinc (unfiltered)	mg/L	0.102		0.127		<0.038		<0.0555
Oxidation-Reduction Potential	mV	78.2	-0.9	-0.9	-65.9	-65.9	-46.6	-46.6
Naphthalene	ug/L		<1.0		<1		<1.0	
Acetone	ug/L		<20.0		39		<10.0	
Acrylonitrile	ug/L		<0.5		<1		<1.0	
Benzene	ug/L		<1.0		<1		<1.0	
1,2,3-Trichlorobenzene	ug/L		<1.0		<1		<1.0	
1,2,4-Trichlorobenzene	ug/L		<1.0		<1		<1.0	
1,2,4-Trimethylbenzene	ug/L		<1.0		<1		<1.0	
o-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
1,3,5-Trimethylbenzene	ug/L		<1.0		<1		<1.0	
m-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
p-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
Bromobenzene	ug/L		<1.0		<1		<1.0	
Butyl Benzene	ug/L		<1.0		<1		<1.0	
Chlorobenzene	ug/L		<1.0		<1		<1.0	
Ethylbenzene	ug/L		<1.0		<1		<1.0	
Isopropylbenzene (Cumene)	ug/L		<1.0		<1		<1.0	
Isocumene	ug/L		<1.0		<1		<1.0	
sec-Butylbenzene	ug/L		<1.0		<1		<1.0	
tert-Butylbenzene	ug/L		<1.0		<1		<1.0	
Hexachlorobutadiene	ug/L		<0.5		<1		<1.0	
tert-Amyl Methyl ether	ug/L		<1.0		<1		<1.0	
Methyl Ethyl ketone	ug/L		<10.0		<10		<10.0	
Butyl alcohol, tert-	ug/L		<10.0		<10		<10.0	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-101	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102
	Sample ID	1206370	1174240	1174240	1187383	1187383	1197680	1197680
	Sample Date	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007
	Sample Time	08:40	14:20	14:20	11:15	11:15	15:25	15:25
	Sample Depth	26.00' - 36.0	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-09	SA48857-08	SA48857-09	SA53519-09	SA53519-10	SA58353-09	SA58353-10
Constituent	Units							
Carbon Disulfide	ug/L		<5.0		<5		<5.0	
Carbon Tetrachloride	ug/L		<1.0		<1		<1.0	
4-Isopropyltoluene	ug/L		<1.0		<1		<1.0	
p-Dioxane	ug/L		<20.0		<20		<20.0	
Ethyl ether	ug/L		<1.0		<1		<1.0	
1,1,1,2-Tetrachloroethane	ug/L		<1.0		<1		<1.0	
1,1,1-Trichloroethane	ug/L		<1.0		<1		<1.0	
1,1,2,2-Tetrachloroethane	ug/L		<0.5		<1		<1.0	
1,1,2-Trichloroethane	ug/L		<1.0		<1		<1.0	
1,1,2-Trichlorotrifluoroethane	ug/L		<1.0		<1		<1.0	
1,1-Dichloroethane	ug/L		<1.0		<1		<1.0	
Ethylene Dibromide	ug/L		<0.5		<1		<1.0	
1,2-Dichloroethane	ug/L		<1.0		<1		<1.0	
Chloroethane	ug/L		<2.0		<2		<2.0	
Ethyl tert-Butyl ether	ug/L		<1.0		<1		<1.0	
Methyl tert-Butyl ether	ug/L		<1.0		<1		<1.0	
1,1-Dichloroethylene	ug/L		<1.0		<1		<1.0	
trans-1,2-Dichloroethylene	ug/L		<1.0		<1		<1.0	
cis-1,2-Dichloroethylene	ug/L		<1.0		<1		<1.0	
Vinyl Chloride	ug/L		<1.0		<1		<1.0	
Tetrachloroethylene	ug/L		<1.0		<1		<1.0	
Trichloroethylene	ug/L		<1.0		<1		<1.0	
Tetrahydrofuran	ug/L		<10.0		<10		<10.0	
Hexanone,2-	ug/L		<10.0		<10		<10.0	
Bromomethane	ug/L		<2.0		<2		<2.0	
Bromochloromethane	ug/L		<1.0		<1		<1.0	
Bromodichloromethane	ug/L		<0.5		<1		<1.0	
Chloromethane	ug/L		<2.0		<2		<2.0	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-101	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102
	Sample ID	1206370	1174240	1174240	1187383	1187383	1197680	1197680
	Sample Date	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007
	Sample Time	08:40	14:20	14:20	11:15	11:15	15:25	15:25
	Sample Depth	26.00' - 36.0	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-09	SA48857-08	SA48857-09	SA53519-09	SA53519-10	SA58353-09	SA58353-10
Constituent	Units							
Chlorodibromomethane	ug/L		<0.5		<1		<1.0	
Methylene Dibromide	ug/L		<1.0		<1		<1.0	
Methylene Chloride	ug/L		<5.0		<10		<10.0	
Dichlorodifluoromethane	ug/L		<2.0		<2		<2.0	
Bromoform	ug/L		<1.0		<1		<1.0	
Chloroform	ug/L		<1.0		<1		<1.0	
Trichlorofluoromethane	ug/L		<1.0		<1		<1.0	
Total Trihalomethanes (Calc.)	ug/L		<1.0		<1		<1.0	
Methyl Isobutyl ketone	ug/L		<10.0		<10		<10.0	
1,2,3-Trichloropropane	ug/L		<1.0		<1		<1.0	
1,2-Dibromo-3-Chloropropane	ug/L		<2.0		<2		<2.0	
1,2-Dichloropropane	ug/L		<1.0		<1		<1.0	
1,3-Dichloropropane	ug/L		<1.0		<1		<1.0	
Diisopropyl ether	ug/L		<1.0		<1		<1.0	
sec-Dichloropropane	ug/L		<1.0		<1		<1.0	
1,1-Dichloropropene	ug/L		<1.0		<1		<1.0	
trans-1,3-Dichloropropene	ug/L		<0.5		<1		<1.0	
cis-1,3-Dichloropropene	ug/L		<0.5		<1		<1.0	
Styrene	ug/L		<1.0		<1		<1.0	
Toluene	ug/L		<1.0		<1		<1.0	
o-Chlorotoluene	ug/L		<1.0		<1		<1.0	
p-Chlorotoluene	ug/L		<1.0		<1		<1.0	
o-Xylene	ug/L		<1.0		<1		<1.0	
Xylenes, Total (Calc.)	ug/L		<1.0		<1		<1.0	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-102	MW-102	MW-103	MW-103	MW-103	MW-103	MW-103
	Sample ID	1206371	1206371	1174237	1174237	1187379	1187379	1197406
	Sample Date	05/25/2007	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/15/2007
	Sample Time	10:30	10:30	11:45	11:45	10:20	10:20	15:00
	Sample Depth	21.70' - 31.7	21.70' - 31.7	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-10	SA62837-11	SA48857-16	SA48857-17	SA53519-01	SA53519-02	SA58280-05
Constituent	Units							
Xylenes,m- & p-	ug/L	<2		<2.0		<2		<2.0
Depth of Well	Ft	33.78	33.78	35.18	35.18			
Depth to Water	Ft	27.08	27.08	29.78	29.78	30.62	30.62	31.88
Oxygen, Dissolved (field)	mg/L	0.61	0.61	9.51	9.51			
Specific Conductivity (field)	uS/cm	83	83	60	60	86	86	
Temperature	C	15.84	15.84	16.54	16.54	14.49	14.49	
Turbidity (field)	NTU	1.08	1.08	0.00	0.00	0.32	0.32	
pH (field measurement)	SU	6.62	6.62	6.13	6.13	5.53	5.53	
Date Metals Analyzed	-		06/03/2007		08/05/2006		11/04/2006	02/23/2007
Date Organics Analyzed	-	06/05/2007		08/04/2006		11/07/2006		02/23/2007
Arsenic	mg/L							<0.004
Arsenic (unfiltered)	mg/L		<0.004		<0.0040		<0.004	
Barium	mg/L							0.0251
Barium (unfiltered)	mg/L		0.0112		0.0428		0.029	
Cadmium	mg/L							<0.0025
Cadmium (unfiltered)	mg/L		<0.0025		<0.0025		<0.0025	
Chromium, Total	mg/L							<0.005
Chromium, Total (unfiltered)	mg/L		<0.005		<0.0050		<0.005	
Copper	mg/L							<0.005
Copper (unfiltered)	mg/L		<0.005		<0.0050		<0.005	
Lead	mg/L							<0.0075
Lead (unfiltered)	mg/L		<0.0075		<0.0075		<0.0075	
Mercury	mg/L							<0.0002
Mercury (unfiltered)	mg/L		<0.0002		<0.00020		<0.0002	
Nickel	mg/L							<0.005
Nickel (unfiltered)	mg/L		0.0184		<0.0050		<0.005	
Selenium	mg/L							<0.015
Selenium (unfiltered)	mg/L		<0.015		<0.0150		<0.015	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-102	MW-102	MW-103	MW-103	MW-103	MW-103	MW-103
	Sample ID	1206371	1206371	1174237	1174237	1187379	1187379	1197406
	Sample Date	05/25/2007	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/15/2007
	Sample Time	10:30	10:30	11:45	11:45	10:20	10:20	15:00
	Sample Depth	21.70' - 31.7	21.70' - 31.7	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-10	SA62837-11	SA48857-16	SA48857-17	SA53519-01	SA53519-02	SA58280-05
Constituent	Units							
Silver	mg/L							<0.005
Silver (unfiltered)	mg/L		<0.005		<0.0050		<0.005	
Zinc	mg/L							<0.123
Zinc (unfiltered)	mg/L		0.027		0.0750		<0.038	
Oxidation-Reduction Potential	mV	-4.9	-4.9	128.0	128.0	145.8	145.8	
Naphthalene	ug/L	<1		<1.0		<1		<2.0
Acetone	ug/L	<10		<20.0		<10		<10.0
Acrylonitrile	ug/L	<1		<0.5		<1		<1.0
Benzene	ug/L	<1		<1.0		<1		<1.0
1,2,3-Trichlorobenzene	ug/L	<1		<1.0		<1		<1.0
1,2,4-Trichlorobenzene	ug/L	<1		<1.0		<1		<1.0
1,2,4-Trimethylbenzene	ug/L	<1		<1.0		<1		<1.0
o-Dichlorobenzene	ug/L	<1		<1.0		<1		<1.0
1,3,5-Trimethylbenzene	ug/L	<1		<1.0		<1		<1.0
m-Dichlorobenzene	ug/L	<1		<1.0		<1		<1.0
p-Dichlorobenzene	ug/L	<1		<1.0		<1		<1.0
Bromobenzene	ug/L	<1		<1.0		<1		<1.0
Butyl Benzene	ug/L	<1		<1.0		<1		<1.0
Chlorobenzene	ug/L	<1		<1.0		<1		<1.0
Ethylbenzene	ug/L	<1		<1.0		<1		<1.0
Isopropylbenzene (Cumene)	ug/L	<1		<1.0		<1		<1.0
Isocumene	ug/L	<1		<1.0		<1		<1.0
sec-Butylbenzene	ug/L	<1		<1.0		<1		<1.0
tert-Butylbenzene	ug/L	<1		<1.0		<1		<1.0
Hexachlorobutadiene	ug/L	<1		<0.5		<1		<1.0
tert-Amyl Methyl ether	ug/L	<1		<1.0		<1		<1.0
Methyl Ethyl ketone	ug/L	<10		<10.0		<10		<10.0
Butyl alcohol, tert-	ug/L	<10		<10.0		<10		<10.0

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-102	MW-102	MW-103	MW-103	MW-103	MW-103	MW-103
	Sample ID	1206371	1206371	1174237	1174237	1187379	1187379	1197406
	Sample Date	05/25/2007	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/15/2007
	Sample Time	10:30	10:30	11:45	11:45	10:20	10:20	15:00
	Sample Depth	21.70' - 31.7	21.70' - 31.7	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-10	SA62837-11	SA48857-16	SA48857-17	SA53519-01	SA53519-02	SA58280-05
Constituent	Units							
Carbon Disulfide	ug/L	<5		<5.0		<5		<5.0
Carbon Tetrachloride	ug/L	<1		<1.0		<1		<1.0
4-Isopropyltoluene	ug/L	<1		<1.0		<1		<1.0
p-Dioxane	ug/L	<20		<20.0		<20		<20.0
Ethyl ether	ug/L	<1		<1.0		<1		<1.0
1,1,1,2-Tetrachloroethane	ug/L	<1		<1.0		<1		<1.0
1,1,1-Trichloroethane	ug/L	<1		<1.0		<1		<1.0
1,1,2,2-Tetrachloroethane	ug/L	<1		<0.5		<1		<1.0
1,1,2-Trichloroethane	ug/L	<1		<1.0		<1		<1.0
1,1,2-Trichlorotrifluoroethane	ug/L	<1		<1.0		<1		<1.0
1,1-Dichloroethane	ug/L	<1		<1.0		<1		<1.0
Ethylene Dibromide	ug/L	<1		<0.5		<1		<1.0
1,2-Dichloroethane	ug/L	<1		<1.0		<1		<1.0
Chloroethane	ug/L	<2		<2.0		<2		<2.0
Ethyl tert-Butyl ether	ug/L	<1		<1.0		<1		<1.0
Methyl tert-Butyl ether	ug/L	<1		<1.0		<1		<1.0
1,1-Dichloroethylene	ug/L	<1		<1.0		<1		<1.0
trans-1,2-Dichloroethylene	ug/L	<1		<1.0		<1		<1.0
cis-1,2-Dichloroethylene	ug/L	<1		<1.0		<1		<1.0
Vinyl Chloride	ug/L	<1		<1.0		<1		<1.0
Tetrachloroethylene	ug/L	<1		<1.0		<1		<1.0
Trichloroethylene	ug/L	<1		<1.0		<1		<1.0
Tetrahydrofuran	ug/L	<10		<10.0		<10		<10.0
Hexanone,2-	ug/L	<10		<10.0		<10		<10.0
Bromomethane	ug/L	<2		<2.0		<2		<2.0
Bromochloromethane	ug/L	<1		<1.0		<1		<1.0
Bromodichloromethane	ug/L	<1		<0.5		<1		<1.0
Chloromethane	ug/L	<2		<2.0		<2		<2.0

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-102	MW-102	MW-103	MW-103	MW-103	MW-103	MW-103
	Sample ID	1206371	1206371	1174237	1174237	1187379	1187379	1197406
	Sample Date	05/25/2007	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/15/2007
	Sample Time	10:30	10:30	11:45	11:45	10:20	10:20	15:00
	Sample Depth	21.70' - 31.7	21.70' - 31.7	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-10	SA62837-11	SA48857-16	SA48857-17	SA53519-01	SA53519-02	SA58280-05
Constituent	Units							
Chlorodibromomethane	ug/L	<1		<0.5		<1		<1.0
Methylene Dibromide	ug/L	<1		<1.0		<1		<1.0
Methylene Chloride	ug/L	<10		<5.0		<10		<10.0
Dichlorodifluoromethane	ug/L	<2		<2.0		<2		<2.0
Bromoform	ug/L	<1		<1.0		<1		<1.0
Chloroform	ug/L	<1		<1.0		<1		<1.0
Trichlorofluoromethane	ug/L	<1		<1.0		<1		<1.0
Total Trihalomethanes (Calc.)	ug/L	<1		<1.0		<1		<1.0
Methyl Isobutyl ketone	ug/L	<10		<10.0		<10		<10.0
1,2,3-Trichloropropane	ug/L	<1		<1.0		<1		<1.0
1,2-Dibromo-3-Chloropropane	ug/L	<2		<2.0		<2		<2.0
1,2-Dichloropropane	ug/L	<1		<1.0		<1		<1.0
1,3-Dichloropropane	ug/L	<1		<1.0		<1		<1.0
Diisopropyl ether	ug/L	<1		<1.0		<1		<1.0
sec-Dichloropropane	ug/L	<1		<1.0		<1		<1.0
1,1-Dichloropropene	ug/L	<1		<1.0		<1		<1.0
trans-1,3-Dichloropropene	ug/L	<1		<0.5		<1		<1.0
cis-1,3-Dichloropropene	ug/L	<1		<0.5		<1		<1.0
Styrene	ug/L	<1		<1.0		<1		<1.0
Toluene	ug/L	<1		<1.0		<1		<1.0
o-Chlorotoluene	ug/L	<1		<1.0		<1		<1.0
p-Chlorotoluene	ug/L	<1		<1.0		<1		<1.0
o-Xylene	ug/L	<1		<1.0		<1		<1.0
Xylenes, Total (Calc.)	ug/L	<1		<1.0		<1		<1.0
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-103	MW-103	MW-103	MW-105	MW-105	MW-105	MW-105
	Sample ID	1197406	1206361	1206361	1174238	1174238	1187382	1187382
	Sample Date	02/15/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006
	Sample Time	15:00	10:20	10:20	13:15	13:15	10:30	10:30
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58280-06	SA62755-01	SA62755-02	SA48857-14	SA48857-15	SA53519-07	SA53519-08
Constituent	Units							
Xylenes,m- & p-	ug/L		<2		<2.0		<2	
Depth of Well	Ft		34.7	34.7	37.2	37.2		
Depth to Water	Ft	31.88	29.0	29.0	31.25	31.25	31.63	31.63
Oxygen, Dissolved (field)	mg/L		NT	NT	7.46	7.46	7.57	7.57
Specific Conductivity (field)	uS/cm		156	156	121	121	49	49
Temperature	C		14.00	14.00	18.39	18.39	15.87	15.87
Turbidity (field)	NTU		1.53	1.53			0.68	0.68
pH (field measurement)	SU		6.49	6.49	6.45	6.45	6.24	6.24
Date Metals Analyzed	-	03/07/2007		05/31/2007		08/05/2006		11/04/2006
Date Organics Analyzed	-		06/04/2007		08/04/2006		11/07/2006	
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	<0.004		<0.004		<0.0040		<0.004
Barium	mg/L							
Barium (unfiltered)	mg/L	0.0288		0.068		0.0244		0.0136
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	<0.0025		<0.0025		0.0026		<0.0025
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	<0.005		<0.005		<0.0050		<0.0072
Copper	mg/L							
Copper (unfiltered)	mg/L	<0.005		<0.005		<0.0050		<0.005
Lead	mg/L							
Lead (unfiltered)	mg/L	<0.0075		<0.0075		<0.0075		<0.0075
Mercury	mg/L							
Mercury (unfiltered)	mg/L	<0.0002		<0.0002		<0.00020		<0.0002
Nickel	mg/L							
Nickel (unfiltered)	mg/L	<0.005		<0.005		<0.0050		<0.005
Selenium	mg/L							
Selenium (unfiltered)	mg/L	<0.015		<0.015		<0.0150		<0.015

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-103	MW-103	MW-103	MW-105	MW-105	MW-105	MW-105
	Sample ID	1197406	1206361	1206361	1174238	1174238	1187382	1187382
	Sample Date	02/15/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006
	Sample Time	15:00	10:20	10:20	13:15	13:15	10:30	10:30
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58280-06	SA62755-01	SA62755-02	SA48857-14	SA48857-15	SA53519-07	SA53519-08
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L	<0.005		<0.0125		<0.0050		<0.005
Zinc	mg/L							
Zinc (unfiltered)	mg/L	0.0068		<0.0425		0.0910		<0.038
Oxidation-Reduction Potential	mV		136.8	136.8	154.5	154.5	160.8	160.8
Naphthalene	ug/L		<1		<1.0		<1	
Acetone	ug/L		<10		<20.0		<10	
Acrylonitrile	ug/L		<0.5		<0.5		<1	
Benzene	ug/L		<1		<1.0		<1	
1,2,3-Trichlorobenzene	ug/L		<1		<1.0		<1	
1,2,4-Trichlorobenzene	ug/L		<1		<1.0		<1	
1,2,4-Trimethylbenzene	ug/L		<1		<1.0		<1	
o-Dichlorobenzene	ug/L		<1		<1.0		<1	
1,3,5-Trimethylbenzene	ug/L		<1		<1.0		<1	
m-Dichlorobenzene	ug/L		<1		<1.0		<1	
p-Dichlorobenzene	ug/L		<1		<1.0		<1	
Bromobenzene	ug/L		<1		<1.0		<1	
Butyl Benzene	ug/L		<1		<1.0		<1	
Chlorobenzene	ug/L		<1		<1.0		<1	
Ethylbenzene	ug/L		<1		<1.0		<1	
Isopropylbenzene (Cumene)	ug/L		<1		<1.0		<1	
Isocumene	ug/L		<1		<1.0		<1	
sec-Butylbenzene	ug/L		<1		<1.0		<1	
tert-Butylbenzene	ug/L		<1		<1.0		<1	
Hexachlorobutadiene	ug/L		<0.5		<0.5		<1	
tert-Amyl Methyl ether	ug/L		<1		<1.0		<1	
Methyl Ethyl ketone	ug/L		<10		<10.0		<10	
Butyl alcohol, tert-	ug/L		<10		<10.0		<10	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-103	MW-103	MW-103	MW-105	MW-105	MW-105	MW-105
	Sample ID	1197406	1206361	1206361	1174238	1174238	1187382	1187382
	Sample Date	02/15/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006
	Sample Time	15:00	10:20	10:20	13:15	13:15	10:30	10:30
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58280-06	SA62755-01	SA62755-02	SA48857-14	SA48857-15	SA53519-07	SA53519-08
Constituent	Units							
Carbon Disulfide	ug/L		<5		<5.0		<5	
Carbon Tetrachloride	ug/L		<1		<1.0		<1	
4-Isopropyltoluene	ug/L		<1		<1.0		<1	
p-Dioxane	ug/L		<20		<20.0		<20	
Ethyl ether	ug/L		<1		<1.0		<1	
1,1,1,2-Tetrachloroethane	ug/L		<1		<1.0		<1	
1,1,1-Trichloroethane	ug/L		<1		<1.0		<1	
1,1,2,2-Tetrachloroethane	ug/L		<0.5		<0.5		<1	
1,1,2-Trichloroethane	ug/L		<1		<1.0		<1	
1,1,2-Trichlorotrifluoroethane	ug/L		<1		<1.0		<1	
1,1-Dichloroethane	ug/L		<1		<1.0		<1	
Ethylene Dibromide	ug/L		<0.5		<0.5		<1	
1,2-Dichloroethane	ug/L		<1		<1.0		<1	
Chloroethane	ug/L		<2		<2.0		<2	
Ethyl tert-Butyl ether	ug/L		<1		<1.0		<1	
Methyl tert-Butyl ether	ug/L		<1		<1.0		<1	
1,1-Dichloroethylene	ug/L		<1		<1.0		<1	
trans-1,2-Dichloroethylene	ug/L		<1		<1.0		<1	
cis-1,2-Dichloroethylene	ug/L		<1		<1.0		<1	
Vinyl Chloride	ug/L		<1		<1.0		<1	
Tetrachloroethylene	ug/L		<1		6.4		5.4	
Trichloroethylene	ug/L		<1		<1.0		<1	
Tetrahydrofuran	ug/L		<10		<10.0		<10	
Hexanone,2-	ug/L		<10		<10.0		<10	
Bromomethane	ug/L		<2		<2.0		<2	
Bromochloromethane	ug/L		<1		<1.0		<1	
Bromodichloromethane	ug/L		<0.5		<0.5		<1	
Chloromethane	ug/L		<2		<2.0		<2	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-103	MW-103	MW-103	MW-105	MW-105	MW-105	MW-105
	Sample ID	1197406	1206361	1206361	1174238	1174238	1187382	1187382
	Sample Date	02/15/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006
	Sample Time	15:00	10:20	10:20	13:15	13:15	10:30	10:30
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58280-06	SA62755-01	SA62755-02	SA48857-14	SA48857-15	SA53519-07	SA53519-08
Constituent	Units							
Chlorodibromomethane	ug/L		<0.5		<0.5		<1	
Methylene Dibromide	ug/L		<1		<1.0		<1	
Methylene Chloride	ug/L		<5		<5.0		<10	
Dichlorodifluoromethane	ug/L		<2		<2.0		<2	
Bromoform	ug/L		<1		<1.0		<1	
Chloroform	ug/L		<1		<1.0		<1	
Trichlorofluoromethane	ug/L		<1		6.6		8.5	
Total Trihalomethanes (Calc.)	ug/L		<1		<1.0		<1	
Methyl Isobutyl ketone	ug/L		<10		<10.0		<10	
1,2,3-Trichloropropane	ug/L		<1		<1.0		<1	
1,2-Dibromo-3-Chloropropane	ug/L		<2		<2.0		<2	
1,2-Dichloropropane	ug/L		<1		<1.0		<1	
1,3-Dichloropropane	ug/L		<1		<1.0		<1	
Diisopropyl ether	ug/L		<1		<1.0		<1	
sec-Dichloropropane	ug/L		<1		<1.0		<1	
1,1-Dichloropropene	ug/L		<1		<1.0		<1	
trans-1,3-Dichloropropene	ug/L		<0.5		<0.5		<1	
cis-1,3-Dichloropropene	ug/L		<0.5		<0.5		<1	
Styrene	ug/L		<1		<1.0		<1	
Toluene	ug/L		<1		<1.0		<1	
o-Chlorotoluene	ug/L		<1		<1.0		<1	
p-Chlorotoluene	ug/L		<1		<1.0		<1	
o-Xylene	ug/L		<1		<1.0		<1	
Xylenes, Total (Calc.)	ug/L		<1		<1.0		<1	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-105	MW-105	MW-105	MW-105	MW-109	MW-109	MW-109
	Sample ID	1197683	1197683	1206358	1206358	1174242	1174242	1187385
	Sample Date	02/20/2007	02/20/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	10:26	10:26	10:20	10:20	13:05	13:05	15:40
	Sample Depth	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58424-01	SA58424-02	SA62755-08	SA62755-09	SA48857-03	SA48857-04	SA53519-13
Constituent	Units							
Xylenes,m- & p-	ug/L	<2.0		<2		<2.0		<2
Depth of Well	Ft			36.88	36.88			
Depth to Water	Ft	31.96	31.96	31.78	31.78			31.8
Oxygen, Dissolved (field)	mg/L			8.05	8.05	0.66	0.66	1.16
Specific Conductivity (field)	uS/cm	75	75	101	101	681	681	433
Temperature	C	13.58	13.58	15.61	15.61	19.31	19.31	15.40
Turbidity (field)	NTU			3.11	3.11	4.15	4.15	1.17
pH (field measurement)	SU	6.17	6.17	5.83	5.83	6.29	6.29	6.58
Date Metals Analyzed	-		02/27/2007		05/31/2007		08/05/2006	11/20/2006
Date Organics Analyzed	-	02/27/2007		06/04/2007		08/04/2006		11/08/2006
Arsenic	mg/L							<0.004
Arsenic (unfiltered)	mg/L		<0.0040		<0.004		<0.0040	
Barium	mg/L							0.0385
Barium (unfiltered)	mg/L		0.0174		0.0581		0.0587	
Cadmium	mg/L							<0.0025
Cadmium (unfiltered)	mg/L		<0.0025		<0.0025		<0.0025	
Chromium, Total	mg/L							<0.005
Chromium, Total (unfiltered)	mg/L		<0.0050		0.0256		0.0142	
Copper	mg/L							0.23
Copper (unfiltered)	mg/L		<0.0050		0.005		0.390	
Lead	mg/L							<0.0075
Lead (unfiltered)	mg/L		<0.0075		<0.0075		<0.0075	
Mercury	mg/L							<0.0002
Mercury (unfiltered)	mg/L		<0.00020		<0.0002		<0.00020	
Nickel	mg/L							0.34
Nickel (unfiltered)	mg/L		<0.0050		0.0073		0.410	
Selenium	mg/L							<0.015
Selenium (unfiltered)	mg/L		<0.0150		<0.015		<0.0150	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-105	MW-105	MW-105	MW-105	MW-109	MW-109	MW-109
	Sample ID	1197683	1197683	1206358	1206358	1174242	1174242	1187385
	Sample Date	02/20/2007	02/20/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	10:26	10:26	10:20	10:20	13:05	13:05	15:40
	Sample Depth	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58424-01	SA58424-02	SA62755-08	SA62755-09	SA48857-03	SA48857-04	SA53519-13
Constituent	Units							
Silver	mg/L							<0.005
Silver (unfiltered)	mg/L		<0.0100		<0.0125		<0.0050	
Zinc	mg/L							<0.045
Zinc (unfiltered)	mg/L		0.0152		<0.0425		0.105	
Oxidation-Reduction Potential	mV	131	131	535.7	535.7	221.8	221.8	166.2
Naphthalene	ug/L	<1.0		<1		<1.0		<1
Acetone	ug/L	<10.0		<10		<20.0		<10
Acrylonitrile	ug/L	<1.0		<0.5		<0.5		<1
Benzene	ug/L	<1.0		<1		<1.0		<1
1,2,3-Trichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,2,4-Trichlorobenzene	ug/L	<1.0		<1		<1.0		3.6
1,2,4-Trimethylbenzene	ug/L	<1.0		<1		<1.0		<1
o-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,3,5-Trimethylbenzene	ug/L	<1.0		<1		<1.0		<1
m-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
p-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
Bromobenzene	ug/L	<1.0		<1		<1.0		<1
Butyl Benzene	ug/L	<1.0		<1		<1.0		<1
Chlorobenzene	ug/L	<1.0		<1		<1.0		<1
Ethylbenzene	ug/L	<1.0		<1		<1.0		<1
Isopropylbenzene (Cumene)	ug/L	<1.0		<1		<1.0		<1
Isocumene	ug/L	<1.0		<1		<1.0		<1
sec-Butylbenzene	ug/L	<1.0		<1		<1.0		<1
tert-Butylbenzene	ug/L	<1.0		<1		<1.0		<1
Hexachlorobutadiene	ug/L	<1.0		<0.5		<0.5		<1
tert-Amyl Methyl ether	ug/L	<1.0		<1		<1.0		<1
Methyl Ethyl ketone	ug/L	<10.0		<10		<10.0		<10
Butyl alcohol, tert-	ug/L	<10.0		<10		<10.0		<10

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-105	MW-105	MW-105	MW-105	MW-109	MW-109	MW-109
	Sample ID	1197683	1197683	1206358	1206358	1174242	1174242	1187385
	Sample Date	02/20/2007	02/20/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	10:26	10:26	10:20	10:20	13:05	13:05	15:40
	Sample Depth	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58424-01	SA58424-02	SA62755-08	SA62755-09	SA48857-03	SA48857-04	SA53519-13
Constituent	Units							
Carbon Disulfide	ug/L	<5.0		<5		<5.0		<5
Carbon Tetrachloride	ug/L	<1.0		<1		<1.0		<1
4-Isopropyltoluene	ug/L	<1.0		<1		<1.0		<1
p-Dioxane	ug/L	<20.0		<20		<20.0		<20
Ethyl ether	ug/L	<1.0		<1		<1.0		<1
1,1,1,2-Tetrachloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,1-Trichloroethane	ug/L	<1.0		<1		<1.0		1.2
1,1,2,2-Tetrachloroethane	ug/L	<1.0		<0.5		<0.5		<1
1,1,2-Trichloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,2-Trichlorotrifluoroethane	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloroethane	ug/L	<1.0		<1		<1.0		<1
Ethylene Dibromide	ug/L	<1.0		<0.5		<0.5		<1
1,2-Dichloroethane	ug/L	<1.0		<1		<1.0		<1
Chloroethane	ug/L	<2.0		<2		<2.0		<2
Ethyl tert-Butyl ether	ug/L	<1.0		<1		<1.0		<1
Methyl tert-Butyl ether	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
trans-1,2-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
cis-1,2-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
Vinyl Chloride	ug/L	<1.0		<1		<1.0		<1
Tetrachloroethylene	ug/L	5.8		6.9		1.7		4.2
Trichloroethylene	ug/L	<1.0		<1		<1.0		<1
Tetrahydrofuran	ug/L	<10.0		<10		<10.0		<10
Hexanone,2-	ug/L	<10.0		<10		<10.0		<10
Bromomethane	ug/L	<2.0		<2		<2.0		<2
Bromochloromethane	ug/L	<1.0		<1		<1.0		<1
Bromodichloromethane	ug/L	<1.0		<0.5		<0.5		<1
Chloromethane	ug/L	<2.0		<2		<2.0		<2

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-105	MW-105	MW-105	MW-105	MW-109	MW-109	MW-109
	Sample ID	1197683	1197683	1206358	1206358	1174242	1174242	1187385
	Sample Date	02/20/2007	02/20/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	10:26	10:26	10:20	10:20	13:05	13:05	15:40
	Sample Depth	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58424-01	SA58424-02	SA62755-08	SA62755-09	SA48857-03	SA48857-04	SA53519-13
Constituent	Units							
Chlorodibromomethane	ug/L	<1.0		<0.5		<0.5		<1
Methylene Dibromide	ug/L	<1.0		<1		<1.0		<1
Methylene Chloride	ug/L	<10.0		<5		<5.0		<10
Dichlorodifluoromethane	ug/L	<2.0		<2		<2.0		<2
Bromoform	ug/L	<1.0		<1		<1.0		<1
Chloroform	ug/L	<1.0		<1		<1.0		<1
Trichlorofluoromethane	ug/L	6.4		6.3		<1.0		<1
Total Trihalomethanes (Calc.)	ug/L	<1.0		<1		<1.0		<1
Methyl Isobutyl ketone	ug/L	<10.0		<10		<10.0		<10
1,2,3-Trichloropropane	ug/L	<1.0		<1		<1.0		<1
1,2-Dibromo-3-Chloropropane	ug/L	<2.0		<2		<2.0		<2
1,2-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
1,3-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
Diisopropyl ether	ug/L	<1.0		<1		<1.0		<1
sec-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloropropene	ug/L	<1.0		<1		<1.0		<1
trans-1,3-Dichloropropene	ug/L	<1.0		<0.5		<0.5		<1
cis-1,3-Dichloropropene	ug/L	<1.0		<0.5		<0.5		<1
Styrene	ug/L	<1.0		<1		<1.0		<1
Toluene	ug/L	<1.0		<1		<1.0		<1
o-Chlorotoluene	ug/L	<1.0		<1		<1.0		<1
p-Chlorotoluene	ug/L	<1.0		<1		<1.0		<1
o-Xylene	ug/L	<1.0		<1		<1.0		<1
Xylenes, Total (Calc.)	ug/L	<1.0		<1		<1.0		<1
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109
	Sample ID	1187385	1187400	1187400	1197411	1197411	1206373	1206373
	Sample Date	10/30/2006	10/30/2006	10/30/2006	02/15/2007	02/15/2007	05/25/2007	05/25/2007
	Sample Time	15:40	15:40	15:40	10:50	10:50	10:35	10:35
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-14	SA53519-15	SA53519-16	SA58280-03	SA58280-04	SA62837-03	SA62837-04
Constituent	Units							
Xylenes,m- & p-	ug/L		<2		<2.0		<2	
Depth of Well	Ft						34.60	34.60
Depth to Water	Ft	31.8	31.8	31.8	30.89	30.89	29.19	29.19
Oxygen, Dissolved (field)	mg/L	1.16	1.16	1.16	1.48	1.48	NT	NT
Specific Conductivity (field)	uS/cm	433	433	433	2337	2337	679	679
Temperature	C	15.40	15.40	15.40	12.84	12.84	20.25	20.25
Turbidity (field)	NTU	1.17	1.17	1.17	0.55	0.55	3.75	3.75
pH (field measurement)	SU	6.58	6.58	6.58	6.66	6.66	5.91	5.91
Date Metals Analyzed	-	11/04/2006	11/20/2006	11/04/2006	02/23/2007	03/07/2007	06/12/2007	06/03/2007
Date Organics Analyzed	-		11/08/2006		02/23/2007		06/04/2007	
Arsenic	mg/L		<0.004		<0.004		<0.004	
Arsenic (unfiltered)	mg/L	<0.004		<0.004		<0.004		<0.004
Barium	mg/L		0.04		0.111		0.0704	
Barium (unfiltered)	mg/L	0.0433		0.0438		0.111		0.0754
Cadmium	mg/L		<0.0025		<0.0025		<0.0025	
Cadmium (unfiltered)	mg/L	<0.0025		<0.0025		<0.0025		<0.0025
Chromium, Total	mg/L		<0.005		<0.005		<0.005	
Chromium, Total (unfiltered)	mg/L	0.0074		<0.0077		0.0076		0.0372
Copper	mg/L		0.249		0.704		1.66	
Copper (unfiltered)	mg/L	0.286		0.284		0.702		1.73
Lead	mg/L		<0.0075		<0.0075		<0.0075	
Lead (unfiltered)	mg/L	<0.0075		<0.0075		<0.0075		<0.0075
Mercury	mg/L		<0.0002		<0.0002		<0.0002	
Mercury (unfiltered)	mg/L	<0.0002		<0.0002		<0.0002		<0.0002
Nickel	mg/L		0.352		1.55		0.619	
Nickel (unfiltered)	mg/L	0.362		0.358		1.51		0.586
Selenium	mg/L		<0.015		<0.015		<0.015	
Selenium (unfiltered)	mg/L	<0.015		<0.015		<0.015		<0.015

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109
	Sample ID	1187385	1187400	1187400	1197411	1197411	1206373	1206373
	Sample Date	10/30/2006	10/30/2006	10/30/2006	02/15/2007	02/15/2007	05/25/2007	05/25/2007
	Sample Time	15:40	15:40	15:40	10:50	10:50	10:35	10:35
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-14	SA53519-15	SA53519-16	SA58280-03	SA58280-04	SA62837-03	SA62837-04
Constituent	Units							
Silver	mg/L		<0.005		<0.005		<0.005	
Silver (unfiltered)	mg/L	<0.005		<0.005		<0.005		<0.005
Zinc	mg/L		<0.045		<0.123		0.718	
Zinc (unfiltered)	mg/L	0.0797		<0.038		0.0968		0.706
Oxidation-Reduction Potential	mV	166.2	166.2	166.2	150.8	150.8	156.3	156.3
Naphthalene	ug/L		<1		<2.0		<1	
Acetone	ug/L		<10		<10.0		180	
Acrylonitrile	ug/L		<1		<1.0		<1	
Benzene	ug/L		<1		<1.0		<1	
1,2,3-Trichlorobenzene	ug/L		<1		<1.0		<1	
1,2,4-Trichlorobenzene	ug/L		3.2		2.4		<1	
1,2,4-Trimethylbenzene	ug/L		<1		<1.0		<1	
o-Dichlorobenzene	ug/L		<1		<1.0		<1	
1,3,5-Trimethylbenzene	ug/L		<1		<1.0		<1	
m-Dichlorobenzene	ug/L		<1		<1.0		<1	
p-Dichlorobenzene	ug/L		<1		<1.0		<1	
Bromobenzene	ug/L		<1		<1.0		<1	
Butyl Benzene	ug/L		<1		<1.0		<1	
Chlorobenzene	ug/L		<1		<1.0		<1	
Ethylbenzene	ug/L		<1		<1.0		<1	
Isopropylbenzene (Cumene)	ug/L		<1		<1.0		<1	
Isocumene	ug/L		<1		<1.0		<1	
sec-Butylbenzene	ug/L		<1		<1.0		<1	
tert-Butylbenzene	ug/L		<1		<1.0		<1	
Hexachlorobutadiene	ug/L		<1		<1.0		<1	
tert-Amyl Methyl ether	ug/L		<1		<1.0		<1	
Methyl Ethyl ketone	ug/L		<10		<10.0		<10	
Butyl alcohol, tert-	ug/L		<10		<10.0		203	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109
	Sample ID	1187385	1187400	1187400	1197411	1197411	1206373	1206373
	Sample Date	10/30/2006	10/30/2006	10/30/2006	02/15/2007	02/15/2007	05/25/2007	05/25/2007
	Sample Time	15:40	15:40	15:40	10:50	10:50	10:35	10:35
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-14	SA53519-15	SA53519-16	SA58280-03	SA58280-04	SA62837-03	SA62837-04
Constituent	Units							
Carbon Disulfide	ug/L		<5		<5.0		<5	
Carbon Tetrachloride	ug/L		<1		<1.0		<1	
4-Isopropyltoluene	ug/L		<1		<1.0		<1	
p-Dioxane	ug/L		<20		<20.0		<20	
Ethyl ether	ug/L		<1		<1.0		<1	
1,1,1,2-Tetrachloroethane	ug/L		<1		<1.0		<1	
1,1,1-Trichloroethane	ug/L		1.2		<1.0		<1	
1,1,2,2-Tetrachloroethane	ug/L		<1		<1.0		<1	
1,1,2-Trichloroethane	ug/L		<1		<1.0		<1	
1,1,2-Trichlorotrifluoroethane	ug/L		<1		<1.0		<1	
1,1-Dichloroethane	ug/L		<1		<1.0		<1	
Ethylene Dibromide	ug/L		<1		<1.0		<1	
1,2-Dichloroethane	ug/L		<1		<1.0		<1	
Chloroethane	ug/L		<2		<2.0		<2	
Ethyl tert-Butyl ether	ug/L		<1		<1.0		<1	
Methyl tert-Butyl ether	ug/L		<1		<1.0		<1	
1,1-Dichloroethylene	ug/L		<1		<1.0		<1	
trans-1,2-Dichloroethylene	ug/L		<1		<1.0		<1	
cis-1,2-Dichloroethylene	ug/L		<1		<1.0		<1	
Vinyl Chloride	ug/L		<1		<1.0		<1	
Tetrachloroethylene	ug/L		4.4		4.2		1.7	
Trichloroethylene	ug/L		<1		<1.0		<1	
Tetrahydrofuran	ug/L		<10		<10.0		<10	
Hexanone,2-	ug/L		<10		<10.0		<10	
Bromomethane	ug/L		<2		<2.0		<2	
Bromochloromethane	ug/L		<1		<1.0		<1	
Bromodichloromethane	ug/L		<1		<1.0		<1	
Chloromethane	ug/L		<2		<2.0		<2	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109
	Sample ID	1187385	1187400	1187400	1197411	1197411	1206373	1206373
	Sample Date	10/30/2006	10/30/2006	10/30/2006	02/15/2007	02/15/2007	05/25/2007	05/25/2007
	Sample Time	15:40	15:40	15:40	10:50	10:50	10:35	10:35
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-14	SA53519-15	SA53519-16	SA58280-03	SA58280-04	SA62837-03	SA62837-04
Constituent	Units							
Chlorodibromomethane	ug/L		<1		<1.0		<1	
Methylene Dibromide	ug/L		<1		<1.0		<1	
Methylene Chloride	ug/L		<10		<10.0		<10	
Dichlorodifluoromethane	ug/L		<2		<2.0		<2	
Bromoform	ug/L		<1		<1.0		<1	
Chloroform	ug/L		<1		<1.0		<1	
Trichlorofluoromethane	ug/L		<1		<1.0		<1	
Total Trihalomethanes (Calc.)	ug/L		<1		<1.0		<1	
Methyl Isobutyl ketone	ug/L		<10		<10.0		<10	
1,2,3-Trichloropropane	ug/L		<1		<1.0		<1	
1,2-Dibromo-3-Chloropropane	ug/L		<2		<2.0		<2	
1,2-Dichloropropane	ug/L		<1		<1.0		<1	
1,3-Dichloropropane	ug/L		<1		<1.0		<1	
Diisopropyl ether	ug/L		<1		<1.0		<1	
sec-Dichloropropane	ug/L		<1		<1.0		<1	
1,1-Dichloropropene	ug/L		<1		<1.0		<1	
trans-1,3-Dichloropropene	ug/L		<1		<1.0		<1	
cis-1,3-Dichloropropene	ug/L		<1		<1.0		<1	
Styrene	ug/L		<1		<1.0		<1	
Toluene	ug/L		<1		<1.0		<1	
o-Chlorotoluene	ug/L		<1		<1.0		<1	
p-Chlorotoluene	ug/L		<1		<1.0		<1	
o-Xylene	ug/L		<1		<1.0		<1	
Xylenes, Total (Calc.)	ug/L		<1		<1.0		<1	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110
	Sample ID	1174243	1174243	1187388	1187388	1197687	1197687	1206372
	Sample Date	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007	02/16/2007	05/25/2007
	Sample Time	08:50	08:50	13:55	13:55	12:30	12:30	09:10
	Sample Depth							
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-01	SA48865-02	SA53561-09	SA53561-10	SA58353-13	SA58353-14	SA62837-01
Constituent	Units							
Xylenes,m- & p-	ug/L	<2.0		<2		<2.0		<2
Depth of Well	Ft							39.6
Depth to Water	Ft	30.9	30.9	32.75	32.75	31.8	31.8	30.51
Oxygen, Dissolved (field)	mg/L	0.54	0.54	0.71	0.71	0.65	0.65	9.86
Specific Conductivity (field)	uS/cm	1854	1854	635	635	607	607	1084
Temperature	C	17.49	17.49	15.29	15.29	9.36	9.36	15.02
Turbidity (field)	NTU	4.15	4.15	1.46	1.46	4.30	4.30	-0.75
pH (field measurement)	SU	6.15	6.15	6.06	6.06	5.95	5.95	5.74
Date Metals Analyzed	-		08/05/2006		11/05/2006	03/07/2007	02/27/2007	06/12/2007
Date Organics Analyzed	-	08/04/2006		11/08/2006		02/24/2007		06/04/2007
Arsenic	mg/L					<0.004		<0.004
Arsenic (unfiltered)	mg/L		<0.0040		<0.004		<0.0040	
Barium	mg/L					0.0446		0.172
Barium (unfiltered)	mg/L		0.0113		0.0204		0.0400	
Cadmium	mg/L					<0.0025		<0.0025
Cadmium (unfiltered)	mg/L		<0.0025		<0.0025		<0.0025	
Chromium, Total	mg/L					<0.005		0.0102
Chromium, Total (unfiltered)	mg/L		0.0086		0.0059		0.0116	
Copper	mg/L					0.494		2.26
Copper (unfiltered)	mg/L		1.25		0.606		0.516	
Lead	mg/L					<0.0075		<0.0075
Lead (unfiltered)	mg/L		<0.0075		<0.0075		<0.0075	
Mercury	mg/L					<0.0002		<0.0002
Mercury (unfiltered)	mg/L		<0.00020		<0.0002		0.00025	
Nickel	mg/L					0.018		0.138
Nickel (unfiltered)	mg/L		0.0269		0.0127		0.0174	
Selenium	mg/L					<0.015		<0.015
Selenium (unfiltered)	mg/L		<0.0150		<0.015		<0.0150	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110
	Sample ID	1174243	1174243	1187388	1187388	1197687	1197687	1206372
	Sample Date	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007	02/16/2007	05/25/2007
	Sample Time	08:50	08:50	13:55	13:55	12:30	12:30	09:10
	Sample Depth							
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-01	SA48865-02	SA53561-09	SA53561-10	SA58353-13	SA58353-14	SA62837-01
Constituent	Units							
Silver	mg/L					<0.01		<0.005
Silver (unfiltered)	mg/L		<0.0050		<0.005		<0.0050	
Zinc	mg/L					0.0399		0.188
Zinc (unfiltered)	mg/L		<0.0508		<0.038		<0.0555	
Oxidation-Reduction Potential	mV	233.1	233.1	198.1	198.1	106.6	106.6	202.9
Naphthalene	ug/L	<1.0		<1		<1.0		<1
Acetone	ug/L	<20.0		<10		<10.0		<10
Acrylonitrile	ug/L	<0.5		<1		<1.0		<1
Benzene	ug/L	<1.0		<1		<1.0		<1
1,2,3-Trichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,2,4-Trichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,2,4-Trimethylbenzene	ug/L	<1.0		<1		<1.0		<1
o-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,3,5-Trimethylbenzene	ug/L	<1.0		<1		<1.0		<1
m-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
p-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
Bromobenzene	ug/L	<1.0		<1		<1.0		<1
Butyl Benzene	ug/L	<1.0		<1		<1.0		<1
Chlorobenzene	ug/L	<1.0		<1		<1.0		<1
Ethylbenzene	ug/L	<1.0		<1		<1.0		<1
Isopropylbenzene (Cumene)	ug/L	<1.0		<1		<1.0		<1
Isocumene	ug/L	<1.0		<1		<1.0		<1
sec-Butylbenzene	ug/L	<1.0		<1		<1.0		<1
tert-Butylbenzene	ug/L	<1.0		<1		<1.0		<1
Hexachlorobutadiene	ug/L	<0.5		<1		<1.0		<1
tert-Amyl Methyl ether	ug/L	<1.0		<1		<1.0		<1
Methyl Ethyl ketone	ug/L	<10.0		<10		<10.0		<10
Butyl alcohol, tert-	ug/L	<10.0		<10		<10.0		<10

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110
	Sample ID	1174243	1174243	1187388	1187388	1197687	1197687	1206372
	Sample Date	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007	02/16/2007	05/25/2007
	Sample Time	08:50	08:50	13:55	13:55	12:30	12:30	09:10
	Sample Depth							
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-01	SA48865-02	SA53561-09	SA53561-10	SA58353-13	SA58353-14	SA62837-01
Constituent	Units							
Carbon Disulfide	ug/L	<5.0		<5		<5.0		<5
Carbon Tetrachloride	ug/L	<1.0		<1		<1.0		<1
4-Isopropyltoluene	ug/L	<1.0		<1		<1.0		<1
p-Dioxane	ug/L	<20.0		<20		<20.0		<20
Ethyl ether	ug/L	<1.0		<1		<1.0		<1
1,1,1,2-Tetrachloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,1-Trichloroethane	ug/L	<1.0		<1		1.5		<1
1,1,2,2-Tetrachloroethane	ug/L	<0.5		<1		<1.0		<1
1,1,2-Trichloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,2-Trichlorotrifluoroethane	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloroethane	ug/L	<1.0		<1		<1.0		<1
Ethylene Dibromide	ug/L	<0.5		<1		<1.0		<1
1,2-Dichloroethane	ug/L	<1.0		<1		<1.0		<1
Chloroethane	ug/L	<2.0		<2		<2.0		<2
Ethyl tert-Butyl ether	ug/L	<1.0		<1		<1.0		<1
Methyl tert-Butyl ether	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
trans-1,2-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
cis-1,2-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
Vinyl Chloride	ug/L	<1.0		<1		<1.0		<1
Tetrachloroethylene	ug/L	6.3		38.5		46.9		17.8
Trichloroethylene	ug/L	<1.0		<1		<1.0		<1
Tetrahydrofuran	ug/L	<10.0		<10		<10.0		<10
Hexanone,2-	ug/L	<10.0		<10		<10.0		<10
Bromomethane	ug/L	4.2		<2		<2.0		<2
Bromochloromethane	ug/L	<1.0		<1		<1.0		<1
Bromodichloromethane	ug/L	<0.5		<1		<1.0		<1
Chloromethane	ug/L	<2.0		<2		<2.0		<2

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110
	Sample ID	1174243	1174243	1187388	1187388	1197687	1197687	1206372
	Sample Date	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007	02/16/2007	05/25/2007
	Sample Time	08:50	08:50	13:55	13:55	12:30	12:30	09:10
	Sample Depth							
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-01	SA48865-02	SA53561-09	SA53561-10	SA58353-13	SA58353-14	SA62837-01
Constituent	Units							
Chlorodibromomethane	ug/L	<0.5		<1		<1.0		<1
Methylene Dibromide	ug/L	<1.0		<1		<1.0		<1
Methylene Chloride	ug/L	<5.0		<10		<10.0		<10
Dichlorodifluoromethane	ug/L	<2.0		<2		<2.0		2
Bromoform	ug/L	<1.0		<1		<1.0		<1
Chloroform	ug/L	<1.0		<1		<1.0		<1
Trichlorofluoromethane	ug/L	<1.0		<1		<1.0		1.2
Total Trihalomethanes (Calc.)	ug/L	<1.0		<1		<1.0		<1
Methyl Isobutyl ketone	ug/L	<10.0		<10		<10.0		<10
1,2,3-Trichloropropane	ug/L	<1.0		<1		<1.0		<1
1,2-Dibromo-3-Chloropropane	ug/L	<2.0		<2		<2.0		<2
1,2-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
1,3-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
Diisopropyl ether	ug/L	<1.0		<1		<1.0		<1
sec-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloropropene	ug/L	<1.0		<1		<1.0		<1
trans-1,3-Dichloropropene	ug/L	<0.5		<1		<1.0		<1
cis-1,3-Dichloropropene	ug/L	<0.5		<1		<1.0		<1
Styrene	ug/L	<1.0		<1		<1.0		<1
Toluene	ug/L	<1.0		<1		<1.0		<1
o-Chlorotoluene	ug/L	<1.0		<1		<1.0		<1
p-Chlorotoluene	ug/L	<1.0		<1		<1.0		<1
o-Xylene	ug/L	<1.0		<1		<1.0		<1
Xylenes, Total (Calc.)	ug/L	<1.0		<1		<1.0		<1
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111
	Sample ID	1206372	1174236	1174236	1187398	1187398	1197409	1197409
	Sample Date	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/15/2007	02/15/2007
	Sample Time	09:10	11:30	11:30	14:30	14:30	13:30	13:30
	Sample Depth		25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-02	SA48857-12	SA48857-13	SA53519-19	SA53519-20	SA58280-09	SA58280-10
Constituent	Units							
Xylenes,m- & p-	ug/L		<2.0		<2		<2.0	
Depth of Well	Ft	39.6	34.82	34.82				
Depth to Water	Ft	30.51			30.88	30.88	31.15	31.15
Oxygen, Dissolved (field)	mg/L	9.86	3.46	3.46	1.25	1.25	3.12	3.12
Specific Conductivity (field)	uS/cm	1084	501	501	122	122	421	421
Temperature	C	15.02	17.39	17.39	17.57	17.57	10.22	10.22
Turbidity (field)	NTU	-0.75	0.24	0.24	0.47	0.47	2.08	2.08
pH (field measurement)	SU	5.74	3.42	3.42	5.56	5.56	5.93	5.93
Date Metals Analyzed	-	06/03/2007		08/05/2006		11/04/2006		02/23/2007
Date Organics Analyzed	-		08/04/2006		11/08/2006		02/23/2007	
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	<0.004		<0.0040		<0.004		<0.0040
Barium	mg/L							
Barium (unfiltered)	mg/L	0.171		0.0623		0.0216		0.0408
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	<0.0025		<0.0025		<0.0025		<0.0025
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.0104		<0.0050		<0.005		<0.0050
Copper	mg/L							
Copper (unfiltered)	mg/L	2.27		<0.0050		<0.005		<0.0050
Lead	mg/L							
Lead (unfiltered)	mg/L	<0.0075		<0.0075		<0.0075		<0.0075
Mercury	mg/L							
Mercury (unfiltered)	mg/L	<0.0002		<0.00020		<0.0002		<0.00020
Nickel	mg/L							
Nickel (unfiltered)	mg/L	0.133		0.0072		<0.005		0.0103
Selenium	mg/L							
Selenium (unfiltered)	mg/L	<0.015		<0.0150		<0.015		<0.0150

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111
	Sample ID	1206372	1174236	1174236	1187398	1187398	1197409	1197409
	Sample Date	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/15/2007	02/15/2007
	Sample Time	09:10	11:30	11:30	14:30	14:30	13:30	13:30
	Sample Depth		25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-02	SA48857-12	SA48857-13	SA53519-19	SA53519-20	SA58280-09	SA58280-10
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L	<0.005		<0.0050		<0.005		<0.0050
Zinc	mg/L							
Zinc (unfiltered)	mg/L	0.2		0.0698		<0.038		<0.0350
Oxidation-Reduction Potential	mV	202.9	524.6	524.6	220.2	220.2	99.9	99.9
Naphthalene	ug/L		<1.0		<1		<2.0	
Acetone	ug/L		<20.0		<10		<10.0	
Acrylonitrile	ug/L		<0.5		<1		<1.0	
Benzene	ug/L		<1.0		<1		<1.0	
1,2,3-Trichlorobenzene	ug/L		<1.0		<1		<1.0	
1,2,4-Trichlorobenzene	ug/L		<1.0		<1		<1.0	
1,2,4-Trimethylbenzene	ug/L		<1.0		<1		<1.0	
o-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
1,3,5-Trimethylbenzene	ug/L		<1.0		<1		<1.0	
m-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
p-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
Bromobenzene	ug/L		<1.0		<1		<1.0	
Butyl Benzene	ug/L		<1.0		<1		<1.0	
Chlorobenzene	ug/L		<1.0		<1		<1.0	
Ethylbenzene	ug/L		<1.0		<1		<1.0	
Isopropylbenzene (Cumene)	ug/L		<1.0		<1		<1.0	
Isocumene	ug/L		<1.0		<1		<1.0	
sec-Butylbenzene	ug/L		<1.0		<1		<1.0	
tert-Butylbenzene	ug/L		<1.0		<1		<1.0	
Hexachlorobutadiene	ug/L		<0.5		<1		<1.0	
tert-Amyl Methyl ether	ug/L		<1.0		<1		<1.0	
Methyl Ethyl ketone	ug/L		<10.0		<10		<10.0	
Butyl alcohol, tert-	ug/L		<10.0		<10		<10.0	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111
	Sample ID	1206372	1174236	1174236	1187398	1187398	1197409	1197409
	Sample Date	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/15/2007	02/15/2007
	Sample Time	09:10	11:30	11:30	14:30	14:30	13:30	13:30
	Sample Depth		25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-02	SA48857-12	SA48857-13	SA53519-19	SA53519-20	SA58280-09	SA58280-10
Constituent	Units							
Carbon Disulfide	ug/L		<5.0		<5		<5.0	
Carbon Tetrachloride	ug/L		<1.0		<1		<1.0	
4-Isopropyltoluene	ug/L		<1.0		<1		<1.0	
p-Dioxane	ug/L		<20.0		<20		<20.0	
Ethyl ether	ug/L		<1.0		<1		<1.0	
1,1,1,2-Tetrachloroethane	ug/L		<1.0		<1		<1.0	
1,1,1-Trichloroethane	ug/L		<1.0		<1		<1.0	
1,1,2,2-Tetrachloroethane	ug/L		<0.5		<1		<1.0	
1,1,2-Trichloroethane	ug/L		<1.0		<1		<1.0	
1,1,2-Trichlorotrifluoroethane	ug/L		<1.0		<1		<1.0	
1,1-Dichloroethane	ug/L		<1.0		<1		<1.0	
Ethylene Dibromide	ug/L		<0.5		<1		<1.0	
1,2-Dichloroethane	ug/L		<1.0		<1		<1.0	
Chloroethane	ug/L		<2.0		<2		<2.0	
Ethyl tert-Butyl ether	ug/L		<1.0		<1		<1.0	
Methyl tert-Butyl ether	ug/L		<1.0		<1		<1.0	
1,1-Dichloroethylene	ug/L		<1.0		<1		<1.0	
trans-1,2-Dichloroethylene	ug/L		<1.0		<1		<1.0	
cis-1,2-Dichloroethylene	ug/L		<1.0		<1		<1.0	
Vinyl Chloride	ug/L		<1.0		<1		<1.0	
Tetrachloroethylene	ug/L		2.5		1.9		3.0	
Trichloroethylene	ug/L		<1.0		<1		<1.0	
Tetrahydrofuran	ug/L		<10.0		<10		<10.0	
Hexanone,2-	ug/L		<10.0		<10		<10.0	
Bromomethane	ug/L		<2.0		<2		<2.0	
Bromochloromethane	ug/L		<1.0		<1		<1.0	
Bromodichloromethane	ug/L		<0.5		<1		<1.0	
Chloromethane	ug/L		<2.0		<2		<2.0	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111
	Sample ID	1206372	1174236	1174236	1187398	1187398	1197409	1197409
	Sample Date	05/25/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/15/2007	02/15/2007
	Sample Time	09:10	11:30	11:30	14:30	14:30	13:30	13:30
	Sample Depth		25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62837-02	SA48857-12	SA48857-13	SA53519-19	SA53519-20	SA58280-09	SA58280-10
Constituent	Units							
Chlorodibromomethane	ug/L		<0.5		<1		<1.0	
Methylene Dibromide	ug/L		<1.0		<1		<1.0	
Methylene Chloride	ug/L		<5.0		<10		<10.0	
Dichlorodifluoromethane	ug/L		2.9		2.6		2.4	
Bromoform	ug/L		<1.0		<1		<1.0	
Chloroform	ug/L		<1.0		<1		<1.0	
Trichlorofluoromethane	ug/L		<1.0		<1		<1.0	
Total Trihalomethanes (Calc.)	ug/L		<1.0		<1		<1.0	
Methyl Isobutyl ketone	ug/L		<10.0		<10		<10.0	
1,2,3-Trichloropropane	ug/L		<1.0		<1		<1.0	
1,2-Dibromo-3-Chloropropane	ug/L		<2.0		<2		<2.0	
1,2-Dichloropropane	ug/L		<1.0		<1		<1.0	
1,3-Dichloropropane	ug/L		<1.0		<1		<1.0	
Diisopropyl ether	ug/L		<1.0		<1		<1.0	
sec-Dichloropropane	ug/L		<1.0		<1		<1.0	
1,1-Dichloropropene	ug/L		<1.0		<1		<1.0	
trans-1,3-Dichloropropene	ug/L		<0.5		<1		<1.0	
cis-1,3-Dichloropropene	ug/L		<0.5		<1		<1.0	
Styrene	ug/L		<1.0		<1		<1.0	
Toluene	ug/L		<1.0		<1		<1.0	
o-Chlorotoluene	ug/L		<1.0		<1		<1.0	
p-Chlorotoluene	ug/L		<1.0		<1		<1.0	
o-Xylene	ug/L		<1.0		<1		<1.0	
Xylenes, Total (Calc.)	ug/L		<1.0		<1		<1.0	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-111	MW-111	MW-112	MW-112	MW-112	MW-112	MW-112
	Sample ID	1206363	1206363	1174248	1174248	1187389	1187389	1197388
	Sample Date	05/23/2007	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007
	Sample Time	13:25	13:25	11:30	11:30	09:45	09:45	10:20
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-05	SA62755-06	SA48865-03	SA48865-04	SA53561-11	SA53561-12	SA58200-05
Constituent	Units							
Xylenes,m- & p-	ug/L	<2		<2.0		<2		<2.0
Depth of Well	Ft	34.90	34.90					
Depth to Water	Ft	30.05	30.05	29.65	29.65	31.1	31.1	35
Oxygen, Dissolved (field)	mg/L	NT	NT	5.70	5.70	9.69	9.69	
Specific Conductivity (field)	uS/cm	44	44	220	220	259	259	135
Temperature	C	34.7	34.7	18.80	18.80	14.81	14.81	13.91
Turbidity (field)	NTU	0.63	0.63	1.9	1.9	0.47	0.47	3.7
pH (field measurement)	SU	6.06	6.06	6.17	6.17	6.10	6.10	6.56
Date Metals Analyzed	-		05/31/2007		08/05/2006		11/05/2006	
Date Organics Analyzed	-	06/04/2007		08/04/2006		11/08/2006		02/21/2007
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L		<0.004		<0.0040		<0.004	
Barium	mg/L							
Barium (unfiltered)	mg/L		0.077		0.0238		0.0151	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L		<0.0025		<0.0025		<0.0025	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		<0.005		0.0094		0.0086	
Copper	mg/L							
Copper (unfiltered)	mg/L		0.0086		<0.0050		<0.005	
Lead	mg/L							
Lead (unfiltered)	mg/L		<0.0075		<0.0075		<0.0075	
Mercury	mg/L							
Mercury (unfiltered)	mg/L		<0.0002		<0.00020		<0.0002	
Nickel	mg/L							
Nickel (unfiltered)	mg/L		0.011		0.0142		<0.005	
Selenium	mg/L							
Selenium (unfiltered)	mg/L		<0.015		<0.0150		<0.015	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-111	MW-111	MW-112	MW-112	MW-112	MW-112	MW-112
	Sample ID	1206363	1206363	1174248	1174248	1187389	1187389	1197388
	Sample Date	05/23/2007	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007
	Sample Time	13:25	13:25	11:30	11:30	09:45	09:45	10:20
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-05	SA62755-06	SA48865-03	SA48865-04	SA53561-11	SA53561-12	SA58200-05
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L		<0.0125		<0.0050		<0.005	
Zinc	mg/L							
Zinc (unfiltered)	mg/L		<0.0425		<0.0508		<0.038	
Oxidation-Reduction Potential	mV	171.1	171.1	261.2	261.2	119.9	119.9	116.1
Naphthalene	ug/L	<1		<1.0		<1		<1.0
Acetone	ug/L	<10		<20.0		<10		<10.0
Acrylonitrile	ug/L	<0.5		<0.5		<1		<1.0
Benzene	ug/L	<1		<1.0		<1		<1.0
1,2,3-Trichlorobenzene	ug/L	<1		<1.0		<1		<1.0
1,2,4-Trichlorobenzene	ug/L	<1		<1.0		<1		<1.0
1,2,4-Trimethylbenzene	ug/L	<1		<1.0		<1		<1.0
o-Dichlorobenzene	ug/L	<1		<1.0		<1		<1.0
1,3,5-Trimethylbenzene	ug/L	<1		<1.0		<1		<1.0
m-Dichlorobenzene	ug/L	<1		<1.0		<1		<1.0
p-Dichlorobenzene	ug/L	<1		<1.0		<1		<1.0
Bromobenzene	ug/L	<1		<1.0		<1		<1.0
Butyl Benzene	ug/L	<1		<1.0		<1		<1.0
Chlorobenzene	ug/L	<1		<1.0		<1		<1.0
Ethylbenzene	ug/L	<1		<1.0		<1		<1.0
Isopropylbenzene (Cumene)	ug/L	<1		<1.0		<1		<1.0
Isocumene	ug/L	<1		<1.0		<1		<1.0
sec-Butylbenzene	ug/L	<1		<1.0		<1		<1.0
tert-Butylbenzene	ug/L	<1		<1.0		<1		<1.0
Hexachlorobutadiene	ug/L	<0.5		<0.5		<1		<1.0
tert-Amyl Methyl ether	ug/L	<1		<1.0		<1		<1.0
Methyl Ethyl ketone	ug/L	<10		<10.0		<10		<10.0
Butyl alcohol, tert-	ug/L	<10		<10.0		<10		<10.0

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-111	MW-111	MW-112	MW-112	MW-112	MW-112	MW-112
	Sample ID	1206363	1206363	1174248	1174248	1187389	1187389	1197388
	Sample Date	05/23/2007	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007
	Sample Time	13:25	13:25	11:30	11:30	09:45	09:45	10:20
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-05	SA62755-06	SA48865-03	SA48865-04	SA53561-11	SA53561-12	SA58200-05
Constituent	Units							
Carbon Disulfide	ug/L	<5		<5.0		<5		<5.0
Carbon Tetrachloride	ug/L	<1		<1.0		<1		<1.0
4-Isopropyltoluene	ug/L	<1		<1.0		<1		<1.0
p-Dioxane	ug/L	<20		<20.0		<20		<20.0
Ethyl ether	ug/L	<1		<1.0		<1		<1.0
1,1,1,2-Tetrachloroethane	ug/L	<1		<1.0		<1		<1.0
1,1,1-Trichloroethane	ug/L	<1		<1.0		<1		<1.0
1,1,2,2-Tetrachloroethane	ug/L	<0.5		<0.5		<1		<1.0
1,1,2-Trichloroethane	ug/L	<1		<1.0		<1		<1.0
1,1,2-Trichlorotrifluoroethane	ug/L	<1		<1.0		<1		<1.0
1,1-Dichloroethane	ug/L	1.7		<1.0		<1		<1.0
Ethylene Dibromide	ug/L	<0.5		<0.5		<1		<1.0
1,2-Dichloroethane	ug/L	<1		<1.0		<1		<1.0
Chloroethane	ug/L	<2		<2.0		<2		<2.0
Ethyl tert-Butyl ether	ug/L	<1		<1.0		<1		<1.0
Methyl tert-Butyl ether	ug/L	<1		<1.0		<1		<1.0
1,1-Dichloroethylene	ug/L	<1		<1.0		<1		<1.0
trans-1,2-Dichloroethylene	ug/L	<1		<1.0		<1		<1.0
cis-1,2-Dichloroethylene	ug/L	<1		<1.0		<1		<1.0
Vinyl Chloride	ug/L	<1		<1.0		<1		<1.0
Tetrachloroethylene	ug/L	3.6		3.9		2.9		3.5
Trichloroethylene	ug/L	<1		<1.0		<1		<1.0
Tetrahydrofuran	ug/L	<10		<10.0		<10		<10.0
Hexanone,2-	ug/L	<10		<10.0		<10		<10.0
Bromomethane	ug/L	<2		<2.0		<2		<2.0
Bromochloromethane	ug/L	<1		<1.0		<1		<1.0
Bromodichloromethane	ug/L	<0.5		<0.5		<1		<1.0
Chloromethane	ug/L	<2		<2.0		<2		<2.0

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-111	MW-111	MW-112	MW-112	MW-112	MW-112	MW-112
	Sample ID	1206363	1206363	1174248	1174248	1187389	1187389	1197388
	Sample Date	05/23/2007	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007
	Sample Time	13:25	13:25	11:30	11:30	09:45	09:45	10:20
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-05	SA62755-06	SA48865-03	SA48865-04	SA53561-11	SA53561-12	SA58200-05
Constituent	Units							
Chlorodibromomethane	ug/L	<0.5		<0.5		<1		<1.0
Methylene Dibromide	ug/L	<1		<1.0		<1		<1.0
Methylene Chloride	ug/L	<5		<5.0		<10		<10.0
Dichlorodifluoromethane	ug/L	2		<2.0		<2		<2.0
Bromoform	ug/L	<1		<1.0		<1		<1.0
Chloroform	ug/L	<1		<1.0		<1		<1.0
Trichlorofluoromethane	ug/L	<1		<1.0		<1		<1.0
Total Trihalomethanes (Calc.)	ug/L	<1		<1.0		<1		<1.0
Methyl Isobutyl ketone	ug/L	<10		<10.0		<10		<10.0
1,2,3-Trichloropropane	ug/L	<1		<1.0		<1		<1.0
1,2-Dibromo-3-Chloropropane	ug/L	<2		<2.0		<2		<2.0
1,2-Dichloropropane	ug/L	<1		<1.0		<1		<1.0
1,3-Dichloropropane	ug/L	<1		<1.0		<1		<1.0
Diisopropyl ether	ug/L	<1		<1.0		<1		<1.0
sec-Dichloropropane	ug/L	<1		<1.0		<1		<1.0
1,1-Dichloropropene	ug/L	<1		<1.0		<1		<1.0
trans-1,3-Dichloropropene	ug/L	<0.5		<0.5		<1		<1.0
cis-1,3-Dichloropropene	ug/L	<0.5		<0.5		<1		<1.0
Styrene	ug/L	<1		<1.0		<1		<1.0
Toluene	ug/L	<1		<1.0		<1		<1.0
o-Chlorotoluene	ug/L	<1		<1.0		<1		<1.0
p-Chlorotoluene	ug/L	<1		<1.0		<1		<1.0
o-Xylene	ug/L	<1		<1.0		<1		<1.0
Xylenes, Total (Calc.)	ug/L	<1		<1.0		<1		<1.0
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-112	MW-112	MW-112	MW-113	MW-113	MW-113	MW-113
	Sample ID	1197388	1206374	1206374	1174249	1174249	1187381	1187381
	Sample Date	02/13/2007	05/25/2007	05/25/2007	07/28/2006	07/28/2006	10/30/2006	10/30/2006
	Sample Time	10:20	12:00	12:00	13:40	13:40	13:58	13:58
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58200-06	SA62837-05	SA62837-06	SA48865-19	SA48865-20	SA53519-05	SA53519-06
Constituent	Units							
Xylenes,m- & p-	ug/L		<2		<2.0		<2	
Depth of Well	Ft							
Depth to Water	Ft	35	29.4	29.4	33.0	33.0	33.35	33.35
Oxygen, Dissolved (field)	mg/L		5.32	5.32	5.18	5.18		
Specific Conductivity (field)	uS/cm	135	185	185	464	464	605	605
Temperature	C	13.91	16.61	16.61	29.12	29.12	17.21	17.21
Turbidity (field)	NTU	3.7	0.62	0.62	2.5	2.5	4.67	4.67
pH (field measurement)	SU	6.56	6.30	6.30	6.25	6.25	5.99	5.99
Date Metals Analyzed	-	02/22/2007		06/03/2007		08/05/2006		11/04/2006
Date Organics Analyzed	-		06/04/2007		08/05/2006		11/07/2006	
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	<0.004		<0.004		<0.0040		<0.004
Barium	mg/L							
Barium (unfiltered)	mg/L	0.0148		0.0194		0.0190		0.0222
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	<0.0025		<0.0025		<0.0025		<0.0025
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.01		0.008		<0.0050		<0.005
Copper	mg/L							
Copper (unfiltered)	mg/L	<0.005		<0.005		0.0059		<0.005
Lead	mg/L							
Lead (unfiltered)	mg/L	<0.015		<0.0075		<0.0075		<0.0075
Mercury	mg/L							
Mercury (unfiltered)	mg/L	<0.0002		<0.0002		<0.00020		<0.0002
Nickel	mg/L							
Nickel (unfiltered)	mg/L	<0.005		0.0056		<0.0050		<0.005
Selenium	mg/L							
Selenium (unfiltered)	mg/L	<0.015		<0.015		<0.0150		<0.015

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-112	MW-112	MW-112	MW-113	MW-113	MW-113	MW-113
	Sample ID	1197388	1206374	1206374	1174249	1174249	1187381	1187381
	Sample Date	02/13/2007	05/25/2007	05/25/2007	07/28/2006	07/28/2006	10/30/2006	10/30/2006
	Sample Time	10:20	12:00	12:00	13:40	13:40	13:58	13:58
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58200-06	SA62837-05	SA62837-06	SA48865-19	SA48865-20	SA53519-05	SA53519-06
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L	<0.005		<0.005		<0.0050		<0.005
Zinc	mg/L							
Zinc (unfiltered)	mg/L	<0.03		0.0564		<0.0508		<0.038
Oxidation-Reduction Potential	mV	116.1	83.2	83.2	188.8	188.8	118.4	118.4
Naphthalene	ug/L		<1		<1.0		<1	
Acetone	ug/L		<10		<20.0		<10	
Acrylonitrile	ug/L		<1		<0.5		<1	
Benzene	ug/L		<1		<1.0		<1	
1,2,3-Trichlorobenzene	ug/L		<1		<1.0		<1	
1,2,4-Trichlorobenzene	ug/L		<1		<1.0		<1	
1,2,4-Trimethylbenzene	ug/L		<1		<1.0		<1	
o-Dichlorobenzene	ug/L		<1		<1.0		<1	
1,3,5-Trimethylbenzene	ug/L		<1		<1.0		<1	
m-Dichlorobenzene	ug/L		<1		<1.0		<1	
p-Dichlorobenzene	ug/L		<1		<1.0		<1	
Bromobenzene	ug/L		<1		<1.0		<1	
Butyl Benzene	ug/L		<1		<1.0		<1	
Chlorobenzene	ug/L		<1		<1.0		<1	
Ethylbenzene	ug/L		<1		<1.0		<1	
Isopropylbenzene (Cumene)	ug/L		<1		<1.0		<1	
Isocumene	ug/L		<1		<1.0		<1	
sec-Butylbenzene	ug/L		<1		<1.0		<1	
tert-Butylbenzene	ug/L		<1		<1.0		<1	
Hexachlorobutadiene	ug/L		<1		<0.5		<1	
tert-Amyl Methyl ether	ug/L		<1		<1.0		<1	
Methyl Ethyl ketone	ug/L		<10		<10.0		<10	
Butyl alcohol, tert-	ug/L		<10		<10.0		<10	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-112	MW-112	MW-112	MW-113	MW-113	MW-113	MW-113
	Sample ID	1197388	1206374	1206374	1174249	1174249	1187381	1187381
	Sample Date	02/13/2007	05/25/2007	05/25/2007	07/28/2006	07/28/2006	10/30/2006	10/30/2006
	Sample Time	10:20	12:00	12:00	13:40	13:40	13:58	13:58
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58200-06	SA62837-05	SA62837-06	SA48865-19	SA48865-20	SA53519-05	SA53519-06
Constituent	Units							
Carbon Disulfide	ug/L		<5		<5.0		<5	
Carbon Tetrachloride	ug/L		<1		<1.0		<1	
4-Isopropyltoluene	ug/L		<1		<1.0		<1	
p-Dioxane	ug/L		<20		<20.0		<20	
Ethyl ether	ug/L		<1		<1.0		<1	
1,1,1,2-Tetrachloroethane	ug/L		<1		<1.0		<1	
1,1,1-Trichloroethane	ug/L		<1		<1.0		<1	
1,1,2,2-Tetrachloroethane	ug/L		<1		<0.5		<1	
1,1,2-Trichloroethane	ug/L		<1		<1.0		<1	
1,1,2-Trichlorotrifluoroethane	ug/L		<1		<1.0		<1	
1,1-Dichloroethane	ug/L		<1		<1.0		<1	
Ethylene Dibromide	ug/L		<1		<0.5		<1	
1,2-Dichloroethane	ug/L		<1		<1.0		<1	
Chloroethane	ug/L		<2		<2.0		<2	
Ethyl tert-Butyl ether	ug/L		<1		<1.0		<1	
Methyl tert-Butyl ether	ug/L		<1		<1.0		<1	
1,1-Dichloroethylene	ug/L		<1		<1.0		<1	
trans-1,2-Dichloroethylene	ug/L		<1		<1.0		<1	
cis-1,2-Dichloroethylene	ug/L		<1		<1.0		<1	
Vinyl Chloride	ug/L		<1		<1.0		<1	
Tetrachloroethylene	ug/L		7.2		<1.0		<1	
Trichloroethylene	ug/L		1.7		<1.0		<1	
Tetrahydrofuran	ug/L		<10		<10.0		<10	
Hexanone,2-	ug/L		<10		<10.0		<10	
Bromomethane	ug/L		<2		<2.0		<2	
Bromochloromethane	ug/L		<1		<1.0		<1	
Bromodichloromethane	ug/L		<1		<0.5		<1	
Chloromethane	ug/L		<2		<2.0		<2	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-112	MW-112	MW-112	MW-113	MW-113	MW-113	MW-113
	Sample ID	1197388	1206374	1206374	1174249	1174249	1187381	1187381
	Sample Date	02/13/2007	05/25/2007	05/25/2007	07/28/2006	07/28/2006	10/30/2006	10/30/2006
	Sample Time	10:20	12:00	12:00	13:40	13:40	13:58	13:58
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58200-06	SA62837-05	SA62837-06	SA48865-19	SA48865-20	SA53519-05	SA53519-06
Constituent	Units							
Chlorodibromomethane	ug/L		<1		<0.5		<1	
Methylene Dibromide	ug/L		<1		<1.0		<1	
Methylene Chloride	ug/L		<10		<5.0		<10	
Dichlorodifluoromethane	ug/L		<2		<2.0		<2	
Bromoform	ug/L		<1		<1.0		<1	
Chloroform	ug/L		<1		<1.0		<1	
Trichlorofluoromethane	ug/L		<1		<1.0		<1	
Total Trihalomethanes (Calc.)	ug/L		<1		<1.0		<1	
Methyl Isobutyl ketone	ug/L		<10		<10.0		<10	
1,2,3-Trichloropropane	ug/L		<1		<1.0		<1	
1,2-Dibromo-3-Chloropropane	ug/L		<2		<2.0		<2	
1,2-Dichloropropane	ug/L		<1		<1.0		<1	
1,3-Dichloropropane	ug/L		<1		<1.0		<1	
Diisopropyl ether	ug/L		<1		<1.0		<1	
sec-Dichloropropane	ug/L		<1		<1.0		<1	
1,1-Dichloropropene	ug/L		<1		<1.0		<1	
trans-1,3-Dichloropropene	ug/L		<1		<0.5		<1	
cis-1,3-Dichloropropene	ug/L		<1		<0.5		<1	
Styrene	ug/L		<1		<1.0		<1	
Toluene	ug/L		<1		<1.0		<1	
o-Chlorotoluene	ug/L		<1		<1.0		<1	
p-Chlorotoluene	ug/L		<1		<1.0		<1	
o-Xylene	ug/L		<1		<1.0		<1	
Xylenes, Total (Calc.)	ug/L		<1		<1.0		<1	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-113	MW-113	MW-113	MW-113	MW-114	MW-114	MW-114
	Sample ID	1197679	1197679	1206360	1206360	1174235	1174235	1187397
	Sample Date	02/16/2007	02/16/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	13:45	13:45	13:50	13:50	11:00	11:00	12:00
	Sample Depth	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-07	SA58353-08	SA62755-12	SA62755-13	SA48857-01	SA48857-02	SA53519-17
Constituent	Units							
Xylenes,m- & p-	ug/L	<2.0		<2		<2.0		<2
Depth of Well	Ft			39.98	39.98			
Depth to Water	Ft	33.85	33.85	33.83	33.83	30.4	30.4	30.98
Oxygen, Dissolved (field)	mg/L			5.07	5.07	1.67	1.67	2.39
Specific Conductivity (field)	uS/cm			463	463	839	839	113
Temperature	C			17.63	17.63	19.35	19.35	16.65
Turbidity (field)	NTU			3.03	3.03	2.05	2.05	0.42
pH (field measurement)	SU			6.64	6.64	6.34	6.34	6.12
Date Metals Analyzed	-		02/27/2007		05/31/2007		08/05/2006	
Date Organics Analyzed	-	02/24/2007		06/04/2007		08/04/2006		11/08/2006
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L		<0.0040		<0.004		<0.0040	
Barium	mg/L							
Barium (unfiltered)	mg/L		0.0318		0.0302		0.0754	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L		<0.0025		<0.0025		<0.0025	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		0.0068		<0.005		<0.0050	
Copper	mg/L							
Copper (unfiltered)	mg/L		<0.0050		<0.005		<0.0050	
Lead	mg/L							
Lead (unfiltered)	mg/L		0.0102		<0.0075		<0.0075	
Mercury	mg/L							
Mercury (unfiltered)	mg/L		<0.00020		<0.0002		<0.00020	
Nickel	mg/L							
Nickel (unfiltered)	mg/L		<0.0050		<0.005		0.0058	
Selenium	mg/L							
Selenium (unfiltered)	mg/L		<0.0150		<0.015		<0.0150	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-113	MW-113	MW-113	MW-113	MW-114	MW-114	MW-114
	Sample ID	1197679	1197679	1206360	1206360	1174235	1174235	1187397
	Sample Date	02/16/2007	02/16/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	13:45	13:45	13:50	13:50	11:00	11:00	12:00
	Sample Depth	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-07	SA58353-08	SA62755-12	SA62755-13	SA48857-01	SA48857-02	SA53519-17
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L		<0.0050		<0.0125		<0.0050	
Zinc	mg/L							
Zinc (unfiltered)	mg/L		<0.0555		<0.0425		0.0916	
Oxidation-Reduction Potential	mV			148.3	148.3	180.8	180.8	156.4
Naphthalene	ug/L	<1.0		<1		<1.0		<1
Acetone	ug/L	<10.0		<10		<20.0		<10
Acrylonitrile	ug/L	<1.0		<0.5		<0.5		<1
Benzene	ug/L	<1.0		<1		<1.0		<1
1,2,3-Trichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,2,4-Trichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,2,4-Trimethylbenzene	ug/L	<1.0		<1		<1.0		<1
o-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
1,3,5-Trimethylbenzene	ug/L	<1.0		<1		<1.0		<1
m-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
p-Dichlorobenzene	ug/L	<1.0		<1		<1.0		<1
Bromobenzene	ug/L	<1.0		<1		<1.0		<1
Butyl Benzene	ug/L	<1.0		<1		<1.0		<1
Chlorobenzene	ug/L	<1.0		<1		<1.0		<1
Ethylbenzene	ug/L	<1.0		<1		<1.0		<1
Isopropylbenzene (Cumene)	ug/L	<1.0		<1		<1.0		<1
Isocumene	ug/L	<1.0		<1		<1.0		<1
sec-Butylbenzene	ug/L	<1.0		<1		<1.0		<1
tert-Butylbenzene	ug/L	<1.0		<1		<1.0		<1
Hexachlorobutadiene	ug/L	<1.0		<0.5		<0.5		<1
tert-Amyl Methyl ether	ug/L	<1.0		<1		<1.0		<1
Methyl Ethyl ketone	ug/L	<10.0		<10		<10.0		<10
Butyl alcohol, tert-	ug/L	<10.0		<10		<10.0		<10

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-113	MW-113	MW-113	MW-113	MW-114	MW-114	MW-114
	Sample ID	1197679	1197679	1206360	1206360	1174235	1174235	1187397
	Sample Date	02/16/2007	02/16/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	13:45	13:45	13:50	13:50	11:00	11:00	12:00
	Sample Depth	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-07	SA58353-08	SA62755-12	SA62755-13	SA48857-01	SA48857-02	SA53519-17
Constituent	Units							
Carbon Disulfide	ug/L	<5.0		<5		<5.0		<5
Carbon Tetrachloride	ug/L	<1.0		<1		<1.0		<1
4-Isopropyltoluene	ug/L	<1.0		<1		<1.0		<1
p-Dioxane	ug/L	<20.0		<20		<20.0		<20
Ethyl ether	ug/L	<1.0		<1		<1.0		<1
1,1,1,2-Tetrachloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,1-Trichloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,2,2-Tetrachloroethane	ug/L	<1.0		<0.5		<0.5		<1
1,1,2-Trichloroethane	ug/L	<1.0		<1		<1.0		<1
1,1,2-Trichlorotrifluoroethane	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloroethane	ug/L	<1.0		<1		<1.0		<1
Ethylene Dibromide	ug/L	<1.0		<0.5		<0.5		<1
1,2-Dichloroethane	ug/L	<1.0		<1		<1.0		<1
Chloroethane	ug/L	<2.0		<2		<2.0		<2
Ethyl tert-Butyl ether	ug/L	<1.0		<1		<1.0		<1
Methyl tert-Butyl ether	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
trans-1,2-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
cis-1,2-Dichloroethylene	ug/L	<1.0		<1		<1.0		<1
Vinyl Chloride	ug/L	<1.0		<1		<1.0		<1
Tetrachloroethylene	ug/L	<1.0		<1		2.8		1
Trichloroethylene	ug/L	<1.0		<1		<1.0		<1
Tetrahydrofuran	ug/L	<10.0		<10		<10.0		<10
Hexanone,2-	ug/L	<10.0		<10		<10.0		<10
Bromomethane	ug/L	<2.0		<2		<2.0		<2
Bromochloromethane	ug/L	<1.0		<1		<1.0		<1
Bromodichloromethane	ug/L	<1.0		<0.5		<0.5		<1
Chloromethane	ug/L	<2.0		<2		<2.0		<2

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-113	MW-113	MW-113	MW-113	MW-114	MW-114	MW-114
	Sample ID	1197679	1197679	1206360	1206360	1174235	1174235	1187397
	Sample Date	02/16/2007	02/16/2007	05/23/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	13:45	13:45	13:50	13:50	11:00	11:00	12:00
	Sample Depth	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-07	SA58353-08	SA62755-12	SA62755-13	SA48857-01	SA48857-02	SA53519-17
Constituent	Units							
Chlorodibromomethane	ug/L	<1.0		<0.5		<0.5		<1
Methylene Dibromide	ug/L	<1.0		<1		<1.0		<1
Methylene Chloride	ug/L	<10.0		<5		<5.0		<10
Dichlorodifluoromethane	ug/L	<2.0		<2		2.0		<2
Bromoform	ug/L	<1.0		<1		<1.0		<1
Chloroform	ug/L	<1.0		<1		<1.0		<1
Trichlorofluoromethane	ug/L	<1.0		<1		<1.0		<1
Total Trihalomethanes (Calc.)	ug/L	<1.0		<1		<1.0		<1
Methyl Isobutyl ketone	ug/L	<10.0		<10		<10.0		<10
1,2,3-Trichloropropane	ug/L	<1.0		<1		<1.0		<1
1,2-Dibromo-3-Chloropropane	ug/L	<2.0		<2		<2.0		<2
1,2-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
1,3-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
Diisopropyl ether	ug/L	<1.0		<1		<1.0		<1
sec-Dichloropropane	ug/L	<1.0		<1		<1.0		<1
1,1-Dichloropropene	ug/L	<1.0		<1		<1.0		<1
trans-1,3-Dichloropropene	ug/L	<1.0		<0.5		<0.5		<1
cis-1,3-Dichloropropene	ug/L	<1.0		<0.5		<0.5		<1
Styrene	ug/L	<1.0		<1		<1.0		<1
Toluene	ug/L	<1.0		<1		<1.0		<1
o-Chlorotoluene	ug/L	<1.0		<1		<1.0		<1
p-Chlorotoluene	ug/L	<1.0		<1		<1.0		<1
o-Xylene	ug/L	<1.0		<1		<1.0		<1
Xylenes, Total (Calc.)	ug/L	<1.0		<1		<1.0		<1
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114
	Sample ID	1187397	1197407	1197407	1197408	1197408	1206359	1206359
	Sample Date	10/30/2006	02/15/2007	02/15/2007	02/15/2007	02/15/2007	05/23/2007	05/23/2007
	Sample Time	12:00	13:20	13:20	13:20	13:20	12:00	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-18	SA58280-07	SA58280-08	SA58280-12	SA58280-13	SA62755-10	SA62755-11
Constituent	Units							
Xylenes,m- & p-	ug/L		<2.0		<2.0		<2	
Depth of Well	Ft						37.82	37.82
Depth to Water	Ft	30.98	30.14	30.14	30.14	30.14	30.98	30.98
Oxygen, Dissolved (field)	mg/L	2.39					1.33	1.33
Specific Conductivity (field)	uS/cm	113					1050	1050
Temperature	C	16.65					16.27	16.27
Turbidity (field)	NTU	0.42					2.11	2.11
pH (field measurement)	SU	6.12					6.10	6.10
Date Metals Analyzed	-	11/04/2006		02/23/2007		02/23/2007	06/12/2007	05/31/2007
Date Organics Analyzed	-		02/23/2007		02/23/2007		06/04/2007	
Arsenic	mg/L						<0.004	
Arsenic (unfiltered)	mg/L	<0.004		<0.0040		<0.0040		0.0044
Barium	mg/L						0.184	
Barium (unfiltered)	mg/L	0.024		0.158		0.149		0.21
Cadmium	mg/L						<0.0025	
Cadmium (unfiltered)	mg/L	<0.0025		<0.0025		<0.0025		<0.0025
Chromium, Total	mg/L						<0.005	
Chromium, Total (unfiltered)	mg/L	<0.005		<0.0050		<0.0050		0.007
Copper	mg/L						<0.005	
Copper (unfiltered)	mg/L	<0.005		<0.0050		<0.0050		0.0088
Lead	mg/L						<0.0075	
Lead (unfiltered)	mg/L	<0.0075		<0.0075		<0.0075		<0.0075
Mercury	mg/L						<0.0002	
Mercury (unfiltered)	mg/L	<0.0002		<0.00020		<0.00020		<0.0002
Nickel	mg/L						<0.005	
Nickel (unfiltered)	mg/L	<0.005		0.0054		0.0056		0.0087
Selenium	mg/L						<0.015	
Selenium (unfiltered)	mg/L	<0.015		<0.0150		<0.0150		<0.015

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114
	Sample ID	1187397	1197407	1197407	1197408	1197408	1206359	1206359
	Sample Date	10/30/2006	02/15/2007	02/15/2007	02/15/2007	02/15/2007	05/23/2007	05/23/2007
	Sample Time	12:00	13:20	13:20	13:20	13:20	12:00	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-18	SA58280-07	SA58280-08	SA58280-12	SA58280-13	SA62755-10	SA62755-11
Constituent	Units							
Silver	mg/L						<0.005	
Silver (unfiltered)	mg/L	<0.005		<0.0050		<0.0050		<0.0125
Zinc	mg/L						0.005	
Zinc (unfiltered)	mg/L	<0.038		<0.0350		<0.0350		<0.0425
Oxidation-Reduction Potential	mV	156.4					539.6	539.6
Naphthalene	ug/L		<2.0		<2.0		<1	
Acetone	ug/L		<10.0		<10.0		<10	
Acrylonitrile	ug/L		<1.0		<1.0		<0.5	
Benzene	ug/L		<1.0		<1.0		<1	
1,2,3-Trichlorobenzene	ug/L		<1.0		<1.0		<1	
1,2,4-Trichlorobenzene	ug/L		<1.0		<1.0		<1	
1,2,4-Trimethylbenzene	ug/L		<1.0		<1.0		<1	
o-Dichlorobenzene	ug/L		<1.0		<1.0		<1	
1,3,5-Trimethylbenzene	ug/L		<1.0		<1.0		<1	
m-Dichlorobenzene	ug/L		<1.0		<1.0		<1	
p-Dichlorobenzene	ug/L		<1.0		<1.0		<1	
Bromobenzene	ug/L		<1.0		<1.0		<1	
Butyl Benzene	ug/L		<1.0		<1.0		<1	
Chlorobenzene	ug/L		<1.0		<1.0		<1	
Ethylbenzene	ug/L		<1.0		<1.0		<1	
Isopropylbenzene (Cumene)	ug/L		<1.0		<1.0		<1	
Isocumene	ug/L		<1.0		<1.0		<1	
sec-Butylbenzene	ug/L		<1.0		<1.0		<1	
tert-Butylbenzene	ug/L		<1.0		<1.0		<1	
Hexachlorobutadiene	ug/L		<1.0		<1.0		<0.5	
tert-Amyl Methyl ether	ug/L		<1.0		<1.0		<1	
Methyl Ethyl ketone	ug/L		<10.0		<10.0		<10	
Butyl alcohol, tert-	ug/L		<10.0		<10.0		<10	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114
	Sample ID	1187397	1197407	1197407	1197408	1197408	1206359	1206359
	Sample Date	10/30/2006	02/15/2007	02/15/2007	02/15/2007	02/15/2007	05/23/2007	05/23/2007
	Sample Time	12:00	13:20	13:20	13:20	13:20	12:00	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-18	SA58280-07	SA58280-08	SA58280-12	SA58280-13	SA62755-10	SA62755-11
Constituent	Units							
Carbon Disulfide	ug/L		<5.0		<5.0		<5	
Carbon Tetrachloride	ug/L		<1.0		<1.0		<1	
4-Isopropyltoluene	ug/L		<1.0		<1.0		<1	
p-Dioxane	ug/L		<20.0		<20.0		<20	
Ethyl ether	ug/L		<1.0		<1.0		<1	
1,1,1,2-Tetrachloroethane	ug/L		<1.0		<1.0		<1	
1,1,1-Trichloroethane	ug/L		<1.0		<1.0		<1	
1,1,2,2-Tetrachloroethane	ug/L		<1.0		<1.0		<0.5	
1,1,2-Trichloroethane	ug/L		<1.0		<1.0		<1	
1,1,2-Trichlorotrifluoroethane	ug/L		<1.0		<1.0		<1	
1,1-Dichloroethane	ug/L		<1.0		<1.0		<1	
Ethylene Dibromide	ug/L		<1.0		<1.0		<0.5	
1,2-Dichloroethane	ug/L		<1.0		<1.0		<1	
Chloroethane	ug/L		<2.0		<2.0		<2	
Ethyl tert-Butyl ether	ug/L		<1.0		<1.0		<1	
Methyl tert-Butyl ether	ug/L		<1.0		<1.0		<1	
1,1-Dichloroethylene	ug/L		<1.0		<1.0		<1	
trans-1,2-Dichloroethylene	ug/L		<1.0		<1.0		<1	
cis-1,2-Dichloroethylene	ug/L		<1.0		<1.0		<1	
Vinyl Chloride	ug/L		<1.0		<1.0		<1	
Tetrachloroethylene	ug/L		5.4		5.5		5.1	
Trichloroethylene	ug/L		<1.0		<1.0		<1	
Tetrahydrofuran	ug/L		<10.0		<10.0		<10	
Hexanone,2-	ug/L		<10.0		<10.0		<10	
Bromomethane	ug/L		<2.0		<2.0		<2	
Bromochloromethane	ug/L		<1.0		<1.0		<1	
Bromodichloromethane	ug/L		<1.0		<1.0		<0.5	
Chloromethane	ug/L		<2.0		<2.0		<2	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114
	Sample ID	1187397	1197407	1197407	1197408	1197408	1206359	1206359
	Sample Date	10/30/2006	02/15/2007	02/15/2007	02/15/2007	02/15/2007	05/23/2007	05/23/2007
	Sample Time	12:00	13:20	13:20	13:20	13:20	12:00	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-18	SA58280-07	SA58280-08	SA58280-12	SA58280-13	SA62755-10	SA62755-11
Constituent	Units							
Chlorodibromomethane	ug/L		<1.0		<1.0		<0.5	
Methylene Dibromide	ug/L		<1.0		<1.0		<1	
Methylene Chloride	ug/L		<10.0		<10.0		<5	
Dichlorodifluoromethane	ug/L		2.0		2.1		2.1	
Bromoform	ug/L		<1.0		<1.0		<1	
Chloroform	ug/L		<1.0		<1.0		<1	
Trichlorofluoromethane	ug/L		<1.0		<1.0		<1	
Total Trihalomethanes (Calc.)	ug/L		<1.0		<1.0		<1	
Methyl Isobutyl ketone	ug/L		<10.0		<10.0		<10	
1,2,3-Trichloropropane	ug/L		<1.0		<1.0		<1	
1,2-Dibromo-3-Chloropropane	ug/L		<2.0		<2.0		<2	
1,2-Dichloropropane	ug/L		<1.0		<1.0		<1	
1,3-Dichloropropane	ug/L		<1.0		<1.0		<1	
Diisopropyl ether	ug/L		<1.0		<1.0		<1	
sec-Dichloropropane	ug/L		<1.0		<1.0		<1	
1,1-Dichloropropene	ug/L		<1.0		<1.0		<1	
trans-1,3-Dichloropropene	ug/L		<1.0		<1.0		<0.5	
cis-1,3-Dichloropropene	ug/L		<1.0		<1.0		<0.5	
Styrene	ug/L		<1.0		<1.0		<1	
Toluene	ug/L		<1.0		<1.0		<1	
o-Chlorotoluene	ug/L		<1.0		<1.0		<1	
p-Chlorotoluene	ug/L		<1.0		<1.0		<1	
o-Xylene	ug/L		<1.0		<1.0		<1	
Xylenes, Total (Calc.)	ug/L		<1.0		<1.0		<1	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
	Sample ID	1174239	1174239	1187380	1187380	1197681	1197681	1206362
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/23/2007
	Sample Time	14:40	14:40	12:43	12:43	10:50	10:50	12:05
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-18	SA48857-19	SA53519-03	SA53519-04	SA58353-11	SA58353-12	SA62755-03
Constituent	Units							
Xylenes,m- & p-	ug/L	<2.0		<5		<2.0		<2
Depth of Well	Ft							37.90
Depth to Water	Ft	30.42	30.42	31.58	31.58	31.35	31.35	30.22
Oxygen, Dissolved (field)	mg/L	5.39	5.39					2.97
Specific Conductivity (field)	uS/cm	530	530	1385	1385			583
Temperature	C	16.60	16.60	15.11	15.11			16.49
Turbidity (field)	NTU	0.00	0.00	0.83	0.83			1.73
pH (field measurement)	SU	5.80	5.80	5.88	5.88			6.08
Date Metals Analyzed	-		08/05/2006		11/04/2006	03/07/2007	02/27/2007	
Date Organics Analyzed	-	08/04/2006		11/07/2006		02/24/2007		06/04/2007
Arsenic	mg/L					<0.004		
Arsenic (unfiltered)	mg/L		<0.0040		<0.004		<0.0040	
Barium	mg/L					0.112		
Barium (unfiltered)	mg/L		0.0682		0.0751		0.105	
Cadmium	mg/L					0.0058		
Cadmium (unfiltered)	mg/L		0.0042		<0.0025		0.0054	
Chromium, Total	mg/L					0.792		
Chromium, Total (unfiltered)	mg/L		0.622		0.298		0.774	
Copper	mg/L					<0.005		
Copper (unfiltered)	mg/L		<0.0050		<0.005		<0.0050	
Lead	mg/L					<0.0075		
Lead (unfiltered)	mg/L		<0.0075		<0.0075		<0.0075	
Mercury	mg/L					<0.0002		
Mercury (unfiltered)	mg/L		<0.00020		<0.0002		<0.00020	
Nickel	mg/L					1.21		
Nickel (unfiltered)	mg/L		0.660		0.802		1.25	
Selenium	mg/L					<0.015		
Selenium (unfiltered)	mg/L		<0.0150		<0.015		<0.0150	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
	Sample ID	1174239	1174239	1187380	1187380	1197681	1197681	1206362
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/23/2007
	Sample Time	14:40	14:40	12:43	12:43	10:50	10:50	12:05
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-18	SA48857-19	SA53519-03	SA53519-04	SA58353-11	SA58353-12	SA62755-03
Constituent	Units							
Silver	mg/L					<0.01		
Silver (unfiltered)	mg/L		<0.0050		<0.005		<0.0050	
Zinc	mg/L					0.0178		
Zinc (unfiltered)	mg/L		0.0726		<0.038		<0.0555	
Oxidation-Reduction Potential	mV	203.0	203.0	128.3	128.3			151.9
Naphthalene	ug/L	<1.0		<2.5		<1.0		<1
Acetone	ug/L	<20.0		<25		<10.0		<10
Acrylonitrile	ug/L	<0.5		<2.5		<1.0		<0.5
Benzene	ug/L	<1.0		<2.5		<1.0		<1
1,2,3-Trichlorobenzene	ug/L	<1.0		<2.5		<1.0		<1
1,2,4-Trichlorobenzene	ug/L	<1.0		<2.5		<1.0		<1
1,2,4-Trimethylbenzene	ug/L	<1.0		<2.5		<1.0		<1
o-Dichlorobenzene	ug/L	<1.0		2.5		<1.0		<1
1,3,5-Trimethylbenzene	ug/L	<1.0		<2.5		<1.0		<1
m-Dichlorobenzene	ug/L	<1.0		<2.5		<1.0		<1
p-Dichlorobenzene	ug/L	<1.0		<2.5		<1.0		<1
Bromobenzene	ug/L	<1.0		<2.5		<1.0		<1
Butyl Benzene	ug/L	<1.0		<2.5		<1.0		<1
Chlorobenzene	ug/L	<1.0		<2.5		<1.0		<1
Ethylbenzene	ug/L	<1.0		<2.5		<1.0		<1
Isopropylbenzene (Cumene)	ug/L	<1.0		<2.5		<1.0		<1
Isocumene	ug/L	<1.0		<2.5		<1.0		<1
sec-Butylbenzene	ug/L	<1.0		<2.5		<1.0		<1
tert-Butylbenzene	ug/L	<1.0		<2.5		<1.0		<1
Hexachlorobutadiene	ug/L	<0.5		<2.5		<1.0		<0.5
tert-Amyl Methyl ether	ug/L	<1.0		<2.5		<1.0		<1
Methyl Ethyl ketone	ug/L	<10.0		<25		<10.0		<10
Butyl alcohol, tert-	ug/L	<10.0		<25		<10.0		<10

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
	Sample ID	1174239	1174239	1187380	1187380	1197681	1197681	1206362
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/23/2007
	Sample Time	14:40	14:40	12:43	12:43	10:50	10:50	12:05
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-18	SA48857-19	SA53519-03	SA53519-04	SA58353-11	SA58353-12	SA62755-03
Constituent	Units							
Carbon Disulfide	ug/L	<5.0		<12.5		<5.0		<5
Carbon Tetrachloride	ug/L	<1.0		<2.5		<1.0		<1
4-Isopropyltoluene	ug/L	<1.0		<2.5		<1.0		<1
p-Dioxane	ug/L	<20.0		<50		34.6		<20
Ethyl ether	ug/L	<1.0		<2.5		<1.0		<1
1,1,1,2-Tetrachloroethane	ug/L	<1.0		<2.5		<1.0		<1
1,1,1-Trichloroethane	ug/L	4.1		34.4		6.3		5.6
1,1,2,2-Tetrachloroethane	ug/L	<0.5		<2.5		<1.0		<0.5
1,1,2-Trichloroethane	ug/L	<1.0		<2.5		<1.0		<1
1,1,2-Trichlorotrifluoroethane	ug/L	2.5		10.2		6.1		<4
1,1-Dichloroethane	ug/L	<1.0		<2.5		<1.0		<1
Ethylene Dibromide	ug/L	<0.5		<2.5		<1.0		<0.5
1,2-Dichloroethane	ug/L	1.7		8.1		3.5		2.3
Chloroethane	ug/L	<2.0		<5		<2.0		<2
Ethyl tert-Butyl ether	ug/L	<1.0		<2.5		<1.0		<1
Methyl tert-Butyl ether	ug/L	<1.0		<2.5		<1.0		<1
1,1-Dichloroethylene	ug/L	10.9		41.1		16.8		12.6
trans-1,2-Dichloroethylene	ug/L	<1.0		<2.5		<1.0		<1
cis-1,2-Dichloroethylene	ug/L	<1.0		<2.5		<1.0		<1
Vinyl Chloride	ug/L	<1.0		<2.5		<1.0		<1
Tetrachloroethylene	ug/L	51.5		154		89.6		71.5
Trichloroethylene	ug/L	4.1		16.6		6.9		5.7
Tetrahydrofuran	ug/L	<10.0		<25		<10.0		<10
Hexanone,2-	ug/L	<10.0		<25		<10.0		<10
Bromomethane	ug/L	<2.0		<5		<2.0		<2
Bromochloromethane	ug/L	<1.0		<2.5		<1.0		<1
Bromodichloromethane	ug/L	<0.5		<2.5		<1.0		<0.5
Chloromethane	ug/L	<2.0		<5		<2.0		<2

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
	Sample ID	1174239	1174239	1187380	1187380	1197681	1197681	1206362
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/23/2007
	Sample Time	14:40	14:40	12:43	12:43	10:50	10:50	12:05
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-18	SA48857-19	SA53519-03	SA53519-04	SA58353-11	SA58353-12	SA62755-03
Constituent	Units							
Chlorodibromomethane	ug/L	<0.5		<2.5		<1.0		<0.5
Methylene Dibromide	ug/L	<1.0		<2.5		<1.0		<1
Methylene Chloride	ug/L	<5.0		<25		<10.0		<5
Dichlorodifluoromethane	ug/L	<2.0		<5		<2.0		<2
Bromoform	ug/L	<1.0		<2.5		<1.0		<1
Chloroform	ug/L	5.2		14.4		8.5		6.6
Trichlorofluoromethane	ug/L	<1.0		<2.5		<1.0		<1
Total Trihalomethanes (Calc.)	ug/L	5.2		14.4		8.5		6.6
Methyl Isobutyl ketone	ug/L	<10.0		<25		<10.0		<10
1,2,3-Trichloropropane	ug/L	<1.0		<2.5		<1.0		<1
1,2-Dibromo-3-Chloropropane	ug/L	<2.0		<5		<2.0		<2
1,2-Dichloropropane	ug/L	<1.0		<2.5		<1.0		<1
1,3-Dichloropropane	ug/L	<1.0		<2.5		<1.0		<1
Diisopropyl ether	ug/L	<1.0		<2.5		<1.0		<1
sec-Dichloropropane	ug/L	<1.0		<2.5		<1.0		<1
1,1-Dichloropropene	ug/L	<1.0		<2.5		<1.0		<1
trans-1,3-Dichloropropene	ug/L	<0.5		<2.5		<1.0		<0.5
cis-1,3-Dichloropropene	ug/L	<0.5		<2.5		<1.0		<0.5
Styrene	ug/L	<1.0		<2.5		<1.0		<1
Toluene	ug/L	<1.0		<2.5		<1.0		<1
o-Chlorotoluene	ug/L	<1.0		<2.5		<1.0		<1
p-Chlorotoluene	ug/L	<1.0		<2.5		<1.0		<1
o-Xylene	ug/L	<1.0		<2.5		<1.0		<1
Xylenes, Total (Calc.)	ug/L	<1.0		<2.5		<1.0		<1
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D
	Sample ID	1206362	1174246	1174246	1187394	1187394	1197386	1197386
	Sample Date	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:05	10:20	10:20	09:55	09:55	13:20	13:20
	Sample Depth	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-04	SA48865-05	SA48865-06	SA53561-02	SA53561-04	SA58200-03	SA58200-04
Constituent	Units							
Xylenes,m- & p-	ug/L		<2.0		<2		<2.0	
Depth of Well	Ft	37.90	58.24	58.24			84.45	84.45
Depth to Water	Ft	30.22	29.95	29.95			48.29	48.29
Oxygen, Dissolved (field)	mg/L	2.97	3.47	3.47	1.46	1.46	0.87	0.87
Specific Conductivity (field)	uS/cm	583	382	382	509	509	324	324
Temperature	C	16.49	19.03	19.03	14.36	14.36	12.68	12.68
Turbidity (field)	NTU	1.73	1.53	1.53	0.71	0.71	2.65	2.65
pH (field measurement)	SU	6.08	5.95	5.95	6.08	6.08	6.08	6.08
Date Metals Analyzed	-	05/31/2007		08/05/2006		11/05/2006		02/22/2007
Date Organics Analyzed	-		08/04/2006		11/08/2006		02/21/2007	
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	<0.004		<0.0040		<0.004		<0.004
Barium	mg/L							
Barium (unfiltered)	mg/L	0.088		0.0607		0.0789		0.0616
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	0.004		<0.0025		<0.0025		<0.0025
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.61		<0.0050		<0.005		<0.005
Copper	mg/L							
Copper (unfiltered)	mg/L	<0.005		<0.0050		<0.005		<0.005
Lead	mg/L							
Lead (unfiltered)	mg/L	<0.0075		<0.0075		<0.0075		<0.015
Mercury	mg/L							
Mercury (unfiltered)	mg/L	<0.0002		<0.00020		<0.0002		<0.0002
Nickel	mg/L							
Nickel (unfiltered)	mg/L	0.774		<0.0050		<0.005		<0.005
Selenium	mg/L							
Selenium (unfiltered)	mg/L	<0.015		<0.0150		<0.015		<0.015

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D
	Sample ID	1206362	1174246	1174246	1187394	1187394	1197386	1197386
	Sample Date	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:05	10:20	10:20	09:55	09:55	13:20	13:20
	Sample Depth	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-04	SA48865-05	SA48865-06	SA53561-02	SA53561-04	SA58200-03	SA58200-04
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L	<0.0125		<0.0050		<0.005		<0.005
Zinc	mg/L							
Zinc (unfiltered)	mg/L	<0.0425		<0.0508		<0.038		<0.03
Oxidation-Reduction Potential	mV	151.9	222.4	222.4	129.8	129.8	187.5	187.5
Naphthalene	ug/L		<1.0		<1		<1.0	
Acetone	ug/L		<20.0		<10		<10.0	
Acrylonitrile	ug/L		<0.5		<1		<1.0	
Benzene	ug/L		<1.0		<1		<1.0	
1,2,3-Trichlorobenzene	ug/L		<1.0		<1		<1.0	
1,2,4-Trichlorobenzene	ug/L		<1.0		<1		<1.0	
1,2,4-Trimethylbenzene	ug/L		<1.0		<1		<1.0	
o-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
1,3,5-Trimethylbenzene	ug/L		<1.0		<1		<1.0	
m-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
p-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
Bromobenzene	ug/L		<1.0		<1		<1.0	
Butyl Benzene	ug/L		<1.0		<1		<1.0	
Chlorobenzene	ug/L		<1.0		<1		<1.0	
Ethylbenzene	ug/L		<1.0		<1		<1.0	
Isopropylbenzene (Cumene)	ug/L		<1.0		<1		<1.0	
Isocumene	ug/L		<1.0		<1		<1.0	
sec-Butylbenzene	ug/L		<1.0		<1		<1.0	
tert-Butylbenzene	ug/L		<1.0		<1		<1.0	
Hexachlorobutadiene	ug/L		<0.5		<1		<1.0	
tert-Amyl Methyl ether	ug/L		<1.0		<1		<1.0	
Methyl Ethyl ketone	ug/L		<10.0		<10		<10.0	
Butyl alcohol, tert-	ug/L		<10.0		<10		<10.0	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D
	Sample ID	1206362	1174246	1174246	1187394	1187394	1197386	1197386
	Sample Date	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:05	10:20	10:20	09:55	09:55	13:20	13:20
	Sample Depth	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-04	SA48865-05	SA48865-06	SA53561-02	SA53561-04	SA58200-03	SA58200-04
Constituent	Units							
Carbon Disulfide	ug/L		<5.0		<5		<5.0	
Carbon Tetrachloride	ug/L		<1.0		<1		<1.0	
4-Isopropyltoluene	ug/L		<1.0		<1		<1.0	
p-Dioxane	ug/L		<20.0		<20		<20.0	
Ethyl ether	ug/L		<1.0		<1		<1.0	
1,1,1,2-Tetrachloroethane	ug/L		<1.0		<1		<1.0	
1,1,1-Trichloroethane	ug/L		<1.0		<1		<1.0	
1,1,2,2-Tetrachloroethane	ug/L		<0.5		<1		<1.0	
1,1,2-Trichloroethane	ug/L		<1.0		<1		<1.0	
1,1,2-Trichlorotrifluoroethane	ug/L		<1.0		<1		<1.0	
1,1-Dichloroethane	ug/L		<1.0		<1		<1.0	
Ethylene Dibromide	ug/L		<0.5		<1		<1.0	
1,2-Dichloroethane	ug/L		<1.0		<1		<1.0	
Chloroethane	ug/L		<2.0		<2		<2.0	
Ethyl tert-Butyl ether	ug/L		<1.0		<1		<1.0	
Methyl tert-Butyl ether	ug/L		<1.0		<1		<1.0	
1,1-Dichloroethylene	ug/L		<1.0		<1		<1.0	
trans-1,2-Dichloroethylene	ug/L		<1.0		<1		<1.0	
cis-1,2-Dichloroethylene	ug/L		6.9		7.7		7.3	
Vinyl Chloride	ug/L		7.2		8.3		7.3	
Tetrachloroethylene	ug/L		<1.0		<1		<1.0	
Trichloroethylene	ug/L		1.2		1.2		1.2	
Tetrahydrofuran	ug/L		<10.0		<10		<10.0	
Hexanone,2-	ug/L		<10.0		<10		<10.0	
Bromomethane	ug/L		<2.0		<2		<2.0	
Bromochloromethane	ug/L		<1.0		<1		<1.0	
Bromodichloromethane	ug/L		<0.5		<1		<1.0	
Chloromethane	ug/L		<2.0		<2		<2.0	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D
	Sample ID	1206362	1174246	1174246	1187394	1187394	1197386	1197386
	Sample Date	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:05	10:20	10:20	09:55	09:55	13:20	13:20
	Sample Depth	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-04	SA48865-05	SA48865-06	SA53561-02	SA53561-04	SA58200-03	SA58200-04
Constituent	Units							
Chlorodibromomethane	ug/L		<0.5		<1		<1.0	
Methylene Dibromide	ug/L		<1.0		<1		<1.0	
Methylene Chloride	ug/L		<5.0		<10		<10.0	
Dichlorodifluoromethane	ug/L		<2.0		<2		<2.0	
Bromoform	ug/L		<1.0		<1		<1.0	
Chloroform	ug/L		1.6		1.9		1.9	
Trichlorofluoromethane	ug/L		<1.0		<1		<1.0	
Total Trihalomethanes (Calc.)	ug/L		1.6		1.9		1.9	
Methyl Isobutyl ketone	ug/L		<10.0		<10		<10.0	
1,2,3-Trichloropropane	ug/L		<1.0		<1		<1.0	
1,2-Dibromo-3-Chloropropane	ug/L		<2.0		<2		<2.0	
1,2-Dichloropropane	ug/L		<1.0		<1		<1.0	
1,3-Dichloropropane	ug/L		<1.0		<1		<1.0	
Diisopropyl ether	ug/L		<1.0		<1		<1.0	
sec-Dichloropropane	ug/L		<1.0		<1		<1.0	
1,1-Dichloropropene	ug/L		<1.0		<1		<1.0	
trans-1,3-Dichloropropene	ug/L		<0.5		<1		<1.0	
cis-1,3-Dichloropropene	ug/L		<0.5		<1		<1.0	
Styrene	ug/L		<1.0		<1		<1.0	
Toluene	ug/L		<1.0		<1		<1.0	
o-Chlorotoluene	ug/L		<1.0		<1		<1.0	
p-Chlorotoluene	ug/L		<1.0		<1		<1.0	
o-Xylene	ug/L		<1.0		<1		<1.0	
Xylenes, Total (Calc.)	ug/L		<1.0		<1		<1.0	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116D	MW-116D	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1206367	1206367	1174247	1174247	1174264	1174264	1187395
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	07/28/2006	07/28/2006	10/31/2006
	Sample Time	10:20	10:20	11:05	11:05	11:05	11:05	12:30
	Sample Depth	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-01RE1	SA62709-02	SA48865-07	SA48865-09	SA48865-11	SA48865-13	SA53561-01
Constituent	Units							
Xylenes,m- & p-	ug/L	<2		<2.0		<2.0		<2
Depth of Well	Ft	57.5	57.5	34.90	34.90	34.90	34.90	
Depth to Water	Ft	29.2	29.2	28.95	28.95	28.95	28.95	
Oxygen, Dissolved (field)	mg/L	NT	NT	7.33	7.33	7.33	7.33	8.40
Specific Conductivity (field)	uS/cm	353	353	256	256	256	256	202
Temperature	C	15.46	15.46	18.00	18.00	18.00	18.00	15.08
Turbidity (field)	NTU	1.20	1.20	0.75	0.75	0.75	0.75	19.8
pH (field measurement)	SU	6.11	6.11	4.72	4.72	4.72	4.72	6.43
Date Metals Analyzed	-		06/01/2007		08/05/2006		08/05/2006	
Date Organics Analyzed	-	06/06/2007		08/04/2006		08/04/2006		11/07/2006
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L		<0.004		<0.0040		<0.0040	
Barium	mg/L							
Barium (unfiltered)	mg/L		0.0604		0.0310		0.0282	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L		<0.0025		<0.0025		<0.0025	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		<0.005		0.0052		0.0052	
Copper	mg/L							
Copper (unfiltered)	mg/L		<0.005		<0.0050		<0.0050	
Lead	mg/L							
Lead (unfiltered)	mg/L		<0.0075		<0.0075		<0.0075	
Mercury	mg/L							
Mercury (unfiltered)	mg/L		<0.0005		<0.00020		<0.00020	
Nickel	mg/L							
Nickel (unfiltered)	mg/L		<0.005		<0.0050		<0.0050	
Selenium	mg/L							
Selenium (unfiltered)	mg/L		<0.015		<0.0150		<0.0150	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116D	MW-116D	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1206367	1206367	1174247	1174247	1174264	1174264	1187395
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	07/28/2006	07/28/2006	10/31/2006
	Sample Time	10:20	10:20	11:05	11:05	11:05	11:05	12:30
	Sample Depth	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-01RE1	SA62709-02	SA48865-07	SA48865-09	SA48865-11	SA48865-13	SA53561-01
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L		<0.005		<0.0050		<0.0050	
Zinc	mg/L							
Zinc (unfiltered)	mg/L		0.0068		<0.0508		<0.0508	
Oxidation-Reduction Potential	mV	157.9	157.9	59.8	59.8	59.8	59.8	144.6
Naphthalene	ug/L	<1		<1.0		<1.0		<1
Acetone	ug/L	<10		<20.0		<20.0		30.6
Acrylonitrile	ug/L	<0.5		<0.5		<0.5		<1
Benzene	ug/L	<1		<1.0		<1.0		<1
1,2,3-Trichlorobenzene	ug/L	<1		<1.0		<1.0		<1
1,2,4-Trichlorobenzene	ug/L	<1		<1.0		<1.0		<1
1,2,4-Trimethylbenzene	ug/L	<1		<1.0		<1.0		<1
o-Dichlorobenzene	ug/L	<1		<1.0		<1.0		<1
1,3,5-Trimethylbenzene	ug/L	<1		<1.0		<1.0		<1
m-Dichlorobenzene	ug/L	<1		<1.0		<1.0		<1
p-Dichlorobenzene	ug/L	<1		<1.0		<1.0		<1
Bromobenzene	ug/L	<1		<1.0		<1.0		<1
Butyl Benzene	ug/L	<1		<1.0		<1.0		<1
Chlorobenzene	ug/L	<1		<1.0		<1.0		<1
Ethylbenzene	ug/L	<1		<1.0		<1.0		<1
Isopropylbenzene (Cumene)	ug/L	<1		<1.0		<1.0		<1
Isocumene	ug/L	<1		<1.0		<1.0		<1
sec-Butylbenzene	ug/L	<1		<1.0		<1.0		<1
tert-Butylbenzene	ug/L	<1		<1.0		<1.0		<1
Hexachlorobutadiene	ug/L	<0.5		<0.5		<0.5		<1
tert-Amyl Methyl ether	ug/L	<1		<1.0		<1.0		<1
Methyl Ethyl ketone	ug/L	<10		<10.0		<10.0		<10
Butyl alcohol, tert-	ug/L	<10		<10.0		<10.0		<10

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116D	MW-116D	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1206367	1206367	1174247	1174247	1174264	1174264	1187395
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	07/28/2006	07/28/2006	10/31/2006
	Sample Time	10:20	10:20	11:05	11:05	11:05	11:05	12:30
	Sample Depth	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-01RE1	SA62709-02	SA48865-07	SA48865-09	SA48865-11	SA48865-13	SA53561-01
Constituent	Units							
Carbon Disulfide	ug/L	<5		<5.0		<5.0		<5
Carbon Tetrachloride	ug/L	<1		<1.0		<1.0		<1
4-Isopropyltoluene	ug/L	<1		<1.0		<1.0		<1
p-Dioxane	ug/L	<20		<20.0		<20.0		<20
Ethyl ether	ug/L	<1		<1.0		<1.0		<1
1,1,1,2-Tetrachloroethane	ug/L	<1		<1.0		<1.0		<1
1,1,1-Trichloroethane	ug/L	<1		<1.0		<1.0		<1
1,1,2,2-Tetrachloroethane	ug/L	<0.5		<0.5		<0.5		<1
1,1,2-Trichloroethane	ug/L	<1		<1.0		<1.0		<1
1,1,2-Trichlorotrifluoroethane	ug/L	<1		<1.0		<1.0		<1
1,1-Dichloroethane	ug/L	<1		<1.0		<1.0		<1
Ethylene Dibromide	ug/L	<0.5		<0.5		<0.5		<1
1,2-Dichloroethane	ug/L	<1		<1.0		<1.0		<1
Chloroethane	ug/L	<2		<2.0		<2.0		<2
Ethyl tert-Butyl ether	ug/L	<1		<1.0		<1.0		<1
Methyl tert-Butyl ether	ug/L	<1		<1.0		<1.0		<1
1,1-Dichloroethylene	ug/L	<1		<1.0		<1.0		<1
trans-1,2-Dichloroethylene	ug/L	<1		<1.0		<1.0		<1
cis-1,2-Dichloroethylene	ug/L	5.1		<1.0		<1.0		<1
Vinyl Chloride	ug/L	4.8		<1.0		<1.0		<1
Tetrachloroethylene	ug/L	<1		2.0		1.8		1.7
Trichloroethylene	ug/L	<1		<1.0		<1.0		<1
Tetrahydrofuran	ug/L	<10		<10.0		<10.0		<10
Hexanone,2-	ug/L	<10		<10.0		<10.0		<10
Bromomethane	ug/L	<2		<2.0		<2.0		<2
Bromochloromethane	ug/L	<1		<1.0		<1.0		<1
Bromodichloromethane	ug/L	<0.5		<0.5		<0.5		<1
Chloromethane	ug/L	<2		<2.0		<2.0		<2

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116D	MW-116D	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1206367	1206367	1174247	1174247	1174264	1174264	1187395
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	07/28/2006	07/28/2006	10/31/2006
	Sample Time	10:20	10:20	11:05	11:05	11:05	11:05	12:30
	Sample Depth	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-01RE1	SA62709-02	SA48865-07	SA48865-09	SA48865-11	SA48865-13	SA53561-01
Constituent	Units							
Chlorodibromomethane	ug/L	<0.5		<0.5		<0.5		<1
Methylene Dibromide	ug/L	<1		<1.0		<1.0		<1
Methylene Chloride	ug/L	<5		<5.0		<5.0		<10
Dichlorodifluoromethane	ug/L	<2		<2.0		<2.0		<2
Bromoform	ug/L	<1		<1.0		<1.0		<1
Chloroform	ug/L	1.6		<1.0		<1.0		<1
Trichlorofluoromethane	ug/L	<1		<1.0		<1.0		<1
Total Trihalomethanes (Calc.)	ug/L	1.6		<1.0		<1.0		<1
Methyl Isobutyl ketone	ug/L	<10		<10.0		<10.0		<10
1,2,3-Trichloropropane	ug/L	<1		<1.0		<1.0		<1
1,2-Dibromo-3-Chloropropane	ug/L	<2		<2.0		<2.0		<2
1,2-Dichloropropane	ug/L	<1		<1.0		<1.0		<1
1,3-Dichloropropane	ug/L	<1		<1.0		<1.0		<1
Diisopropyl ether	ug/L	<1		<1.0		<1.0		<1
sec-Dichloropropane	ug/L	<1		<1.0		<1.0		<1
1,1-Dichloropropene	ug/L	<1		<1.0		<1.0		<1
trans-1,3-Dichloropropene	ug/L	<0.5		<0.5		<0.5		<1
cis-1,3-Dichloropropene	ug/L	<0.5		<0.5		<0.5		<1
Styrene	ug/L	<1		<1.0		<1.0		<1
Toluene	ug/L	<1		<1.0		<1.0		<1
o-Chlorotoluene	ug/L	<1		<1.0		<1.0		<1
p-Chlorotoluene	ug/L	<1		<1.0		<1.0		<1
o-Xylene	ug/L	<1		<1.0		<1.0		<1
Xylenes, Total (Calc.)	ug/L	<1		<1.0		<1.0		<1
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1187395	1197400	1197400	1206368	1206368	1206375	1206375
	Sample Date	10/31/2006	02/15/2007	02/15/2007	05/24/2007	05/24/2007	05/24/2007	05/24/2007
	Sample Time	12:30	10:40	10:40	11:40	11:40	11:40	11:40
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-03	SA58280-01	SA58280-02	SA62709-03	SA62709-04	SA62709-08	SA62709-09
Constituent	Units							
Xylenes,m- & p-	ug/L		<2.0		<2		<2	
Depth of Well	Ft		34.15	34.15	34.2	34.2	34.2	34.2
Depth to Water	Ft		29.60	29.60	28.9	28.9	28.4	28.4
Oxygen, Dissolved (field)	mg/L	8.40	3.06	3.06	5.05	5.05	5.05	5.05
Specific Conductivity (field)	uS/cm	202	333	333	215	215	215	215
Temperature	C	15.08	12.30	12.30	15.52	15.52	15.52	15.52
Turbidity (field)	NTU	19.8	8.44	8.44	1.73	1.73	1.73	1.73
pH (field measurement)	SU	6.43	6.63	6.63	6.20	6.20	6.20	6.20
Date Metals Analyzed	-	11/05/2006		02/23/2007		06/02/2007		06/02/2007
Date Organics Analyzed	-		02/23/2007		06/05/2007		06/05/2007	
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	<0.004		<0.0040		<0.004		<0.004
Barium	mg/L							
Barium (unfiltered)	mg/L	0.0331		0.0305		0.0338		0.0336
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	<0.0025		<0.0025		<0.0025		<0.0025
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.0052		<0.0050		0.006		0.0062
Copper	mg/L							
Copper (unfiltered)	mg/L	<0.005		<0.0050		0.0051		0.005
Lead	mg/L							
Lead (unfiltered)	mg/L	<0.0075		<0.0075		<0.0075		<0.0075
Mercury	mg/L							
Mercury (unfiltered)	mg/L	<0.0002		<0.00020		<0.0005		<0.0005
Nickel	mg/L							
Nickel (unfiltered)	mg/L	<0.005		<0.0050		<0.005		<0.005
Selenium	mg/L							
Selenium (unfiltered)	mg/L	<0.015		<0.0150		<0.015		<0.015

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1187395	1197400	1197400	1206368	1206368	1206375	1206375
	Sample Date	10/31/2006	02/15/2007	02/15/2007	05/24/2007	05/24/2007	05/24/2007	05/24/2007
	Sample Time	12:30	10:40	10:40	11:40	11:40	11:40	11:40
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-03	SA58280-01	SA58280-02	SA62709-03	SA62709-04	SA62709-08	SA62709-09
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L	<0.005		<0.0050		<0.005		<0.005
Zinc	mg/L							
Zinc (unfiltered)	mg/L	<0.038		<0.0350		<0.005		0.0316
Oxidation-Reduction Potential	mV	144.6	-28.0	-28.0	121.6	121.6	121.6	121.6
Naphthalene	ug/L		<2.0		<1		<1	
Acetone	ug/L		<10.0		<10		<10	
Acrylonitrile	ug/L		<1.0		<0.5		<0.5	
Benzene	ug/L		<1.0		<1		<1	
1,2,3-Trichlorobenzene	ug/L		<1.0		<1		<1	
1,2,4-Trichlorobenzene	ug/L		<1.0		<1		<1	
1,2,4-Trimethylbenzene	ug/L		<1.0		<1		<1	
o-Dichlorobenzene	ug/L		<1.0		<1		<1	
1,3,5-Trimethylbenzene	ug/L		<1.0		<1		<1	
m-Dichlorobenzene	ug/L		<1.0		<1		<1	
p-Dichlorobenzene	ug/L		<1.0		<1		<1	
Bromobenzene	ug/L		<1.0		<1		<1	
Butyl Benzene	ug/L		<1.0		<1		<1	
Chlorobenzene	ug/L		<1.0		<1		<1	
Ethylbenzene	ug/L		<1.0		<1		<1	
Isopropylbenzene (Cumene)	ug/L		<1.0		<1		<1	
Isocumene	ug/L		<1.0		<1		<1	
sec-Butylbenzene	ug/L		<1.0		<1		<1	
tert-Butylbenzene	ug/L		<1.0		<1		<1	
Hexachlorobutadiene	ug/L		<1.0		<0.5		<0.5	
tert-Amyl Methyl ether	ug/L		<1.0		<1		<1	
Methyl Ethyl ketone	ug/L		<10.0		<10		<10	
Butyl alcohol, tert-	ug/L		<10.0		<10		<10	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1187395	1197400	1197400	1206368	1206368	1206375	1206375
	Sample Date	10/31/2006	02/15/2007	02/15/2007	05/24/2007	05/24/2007	05/24/2007	05/24/2007
	Sample Time	12:30	10:40	10:40	11:40	11:40	11:40	11:40
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-03	SA58280-01	SA58280-02	SA62709-03	SA62709-04	SA62709-08	SA62709-09
Constituent	Units							
Carbon Disulfide	ug/L		<5.0		<5		<5	
Carbon Tetrachloride	ug/L		<1.0		<1		<1	
4-Isopropyltoluene	ug/L		<1.0		<1		<1	
p-Dioxane	ug/L		<20.0		<20		<20	
Ethyl ether	ug/L		<1.0		<1		<1	
1,1,1,2-Tetrachloroethane	ug/L		<1.0		<1		<1	
1,1,1-Trichloroethane	ug/L		<1.0		<1		<1	
1,1,2,2-Tetrachloroethane	ug/L		<1.0		<0.5		<0.5	
1,1,2-Trichloroethane	ug/L		<1.0		<1		<1	
1,1,2-Trichlorotrifluoroethane	ug/L		<1.0		<1		<1	
1,1-Dichloroethane	ug/L		<1.0		<1		<1	
Ethylene Dibromide	ug/L		<1.0		<0.5		<0.5	
1,2-Dichloroethane	ug/L		<1.0		<1		<1	
Chloroethane	ug/L		<2.0		<2		<2	
Ethyl tert-Butyl ether	ug/L		<1.0		<1		<1	
Methyl tert-Butyl ether	ug/L		<1.0		<1		<1	
1,1-Dichloroethylene	ug/L		<1.0		<1		<1	
trans-1,2-Dichloroethylene	ug/L		<1.0		<1		<1	
cis-1,2-Dichloroethylene	ug/L		<1.0		<1		<1	
Vinyl Chloride	ug/L		<1.0		<1		<1	
Tetrachloroethylene	ug/L		2.5		2.3		2.4	
Trichloroethylene	ug/L		<1.0		<1		<1	
Tetrahydrofuran	ug/L		<10.0		<10		<10	
Hexanone,2-	ug/L		<10.0		<10		<10	
Bromomethane	ug/L		<2.0		<2		<2	
Bromochloromethane	ug/L		<1.0		<1		<1	
Bromodichloromethane	ug/L		<1.0		<0.5		<0.5	
Chloromethane	ug/L		<2.0		<2		<2	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1187395	1197400	1197400	1206368	1206368	1206375	1206375
	Sample Date	10/31/2006	02/15/2007	02/15/2007	05/24/2007	05/24/2007	05/24/2007	05/24/2007
	Sample Time	12:30	10:40	10:40	11:40	11:40	11:40	11:40
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-03	SA58280-01	SA58280-02	SA62709-03	SA62709-04	SA62709-08	SA62709-09
Constituent	Units							
Chlorodibromomethane	ug/L		<1.0		<0.5		<0.5	
Methylene Dibromide	ug/L		<1.0		<1		<1	
Methylene Chloride	ug/L		<10.0		<5		<5	
Dichlorodifluoromethane	ug/L		<2.0		<2		<2	
Bromoform	ug/L		<1.0		<1		<1	
Chloroform	ug/L		<1.0		<1		<1	
Trichlorofluoromethane	ug/L		<1.0		<1		<1	
Total Trihalomethanes (Calc.)	ug/L		<1.0		<1		<1	
Methyl Isobutyl ketone	ug/L		<10.0		<10		<10	
1,2,3-Trichloropropane	ug/L		<1.0		<1		<1	
1,2-Dibromo-3-Chloropropane	ug/L		<2.0		<2		<2	
1,2-Dichloropropane	ug/L		<1.0		<1		<1	
1,3-Dichloropropane	ug/L		<1.0		<1		<1	
Diisopropyl ether	ug/L		<1.0		<1		<1	
sec-Dichloropropane	ug/L		<1.0		<1		<1	
1,1-Dichloropropene	ug/L		<1.0		<1		<1	
trans-1,3-Dichloropropene	ug/L		<1.0		<0.5		<0.5	
cis-1,3-Dichloropropene	ug/L		<1.0		<0.5		<0.5	
Styrene	ug/L		<1.0		<1		<1	
Toluene	ug/L		<1.0		<1		<1	
o-Chlorotoluene	ug/L		<1.0		<1		<1	
p-Chlorotoluene	ug/L		<1.0		<1		<1	
o-Xylene	ug/L		<1.0		<1		<1	
Xylenes, Total (Calc.)	ug/L		<1.0		<1		<1	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D
	Sample ID	1174244	1174244	1187386	1187386	1197391	1197391	1206365
	Sample Date	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007	05/24/2007
	Sample Time	10:30	10:30	09:40	09:40	14:40	14:40	12:10
	Sample Depth	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-10	SA48865-23	SA53561-07	SA53561-08	SA58200-07	SA58200-08	SA62709-14
Constituent	Units							
Xylenes,m- & p-	ug/L		<2.0	<2		<2.0		<2
Depth of Well	Ft							52.17
Depth to Water	Ft	29.45	29.45	30.70	30.70	30.60	30.60	31.16
Oxygen, Dissolved (field)	mg/L	3.55	3.55	3.51	3.51	4.03	4.03	4.55
Specific Conductivity (field)	uS/cm	532	532	441	441	585	585	473
Temperature	C	16.18	16.18	13.00	13.00	11.21	11.21	13.09
Turbidity (field)	NTU	2.51	2.51	0.50	0.50	6.01	6.01	2.81
pH (field measurement)	SU	5.57	5.57	5.90	5.90	6.23	6.23	5.92
Date Metals Analyzed	-	08/05/2006			11/05/2006		02/22/2007	
Date Organics Analyzed	-		08/06/2006	11/08/2006		02/21/2007		06/05/2007
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	<0.0040			<0.004		<0.004	
Barium	mg/L							
Barium (unfiltered)	mg/L	0.122			0.123		0.122	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	<0.0025			<0.0025		<0.0025	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	<0.0050			<0.005		<0.005	
Copper	mg/L							
Copper (unfiltered)	mg/L	<0.0050			<0.005		<0.005	
Lead	mg/L							
Lead (unfiltered)	mg/L	<0.0075			<0.0075		<0.015	
Mercury	mg/L							
Mercury (unfiltered)	mg/L	<0.00020			<0.0002		<0.0002	
Nickel	mg/L							
Nickel (unfiltered)	mg/L	<0.0050			<0.005		<0.005	
Selenium	mg/L							
Selenium (unfiltered)	mg/L	<0.0150			<0.015		<0.015	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D
	Sample ID	1174244	1174244	1187386	1187386	1197391	1197391	1206365
	Sample Date	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007	05/24/2007
	Sample Time	10:30	10:30	09:40	09:40	14:40	14:40	12:10
	Sample Depth	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-10	SA48865-23	SA53561-07	SA53561-08	SA58200-07	SA58200-08	SA62709-14
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L	<0.0050			<0.005		<0.005	
Zinc	mg/L							
Zinc (unfiltered)	mg/L	<0.0508			<0.038		<0.03	
Oxidation-Reduction Potential	mV	197.9	197.9	159.6	159.6	158.9	158.9	594.0
Naphthalene	ug/L		<1.0	<1		<1.0		<1
Acetone	ug/L		<20.0	<10		<10.0		<10
Acrylonitrile	ug/L		<0.5	<1		<1.0		<0.5
Benzene	ug/L		<1.0	<1		<1.0		<1
1,2,3-Trichlorobenzene	ug/L		<1.0	<1		<1.0		<1
1,2,4-Trichlorobenzene	ug/L		<1.0	<1		<1.0		<1
1,2,4-Trimethylbenzene	ug/L		<1.0	<1		<1.0		<1
o-Dichlorobenzene	ug/L		<1.0	<1		<1.0		<1
1,3,5-Trimethylbenzene	ug/L		<1.0	<1		<1.0		<1
m-Dichlorobenzene	ug/L		<1.0	<1		<1.0		<1
p-Dichlorobenzene	ug/L		<1.0	<1		<1.0		<1
Bromobenzene	ug/L		<1.0	<1		<1.0		<1
Butyl Benzene	ug/L		<1.0	<1		<1.0		<1
Chlorobenzene	ug/L		<1.0	<1		<1.0		<1
Ethylbenzene	ug/L		<1.0	<1		<1.0		<1
Isopropylbenzene (Cumene)	ug/L		<1.0	<1		<1.0		<1
Isocumene	ug/L		<1.0	<1		<1.0		<1
sec-Butylbenzene	ug/L		<1.0	<1		<1.0		<1
tert-Butylbenzene	ug/L		<1.0	<1		<1.0		<1
Hexachlorobutadiene	ug/L		<0.5	<1		<1.0		<0.5
tert-Amyl Methyl ether	ug/L		<1.0	<1		<1.0		<1
Methyl Ethyl ketone	ug/L		<10.0	<10		<10.0		<10
Butyl alcohol, tert-	ug/L		<10.0	<10		<10.0		<10

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D
	Sample ID	1174244	1174244	1187386	1187386	1197391	1197391	1206365
	Sample Date	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007	05/24/2007
	Sample Time	10:30	10:30	09:40	09:40	14:40	14:40	12:10
	Sample Depth	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-10	SA48865-23	SA53561-07	SA53561-08	SA58200-07	SA58200-08	SA62709-14
Constituent	Units							
Carbon Disulfide	ug/L		<5.0	<5		<5.0		<5
Carbon Tetrachloride	ug/L		<1.0	<1		<1.0		<1
4-Isopropyltoluene	ug/L		<1.0	<1		<1.0		<1
p-Dioxane	ug/L		<20.0	<20		<20.0		<20
Ethyl ether	ug/L		<1.0	<1		<1.0		<1
1,1,1,2-Tetrachloroethane	ug/L		<1.0	<1		<1.0		<1
1,1,1-Trichloroethane	ug/L		<1.0	<1		<1.0		<1
1,1,2,2-Tetrachloroethane	ug/L		<0.5	<1		<1.0		<0.5
1,1,2-Trichloroethane	ug/L		<1.0	<1		<1.0		<1
1,1,2-Trichlorotrifluoroethane	ug/L		<1.0	<1		<1.0		<1
1,1-Dichloroethane	ug/L		<1.0	<1		<1.0		<1
Ethylene Dibromide	ug/L		<0.5	<1		<1.0		<0.5
1,2-Dichloroethane	ug/L		<1.0	<1		<1.0		<1
Chloroethane	ug/L		<2.0	<2		<2.0		<2
Ethyl tert-Butyl ether	ug/L		<1.0	<1		<1.0		<1
Methyl tert-Butyl ether	ug/L		<1.0	<1		<1.0		<1
1,1-Dichloroethylene	ug/L		<1.0	<1		<1.0		<1
trans-1,2-Dichloroethylene	ug/L		<1.0	<1		<1.0		<1
cis-1,2-Dichloroethylene	ug/L		<1.0	<1		<1.0		<1
Vinyl Chloride	ug/L		<1.0	<1		<1.0		<1
Tetrachloroethylene	ug/L		<1.0	<1		<1.0		<1
Trichloroethylene	ug/L		<1.0	<1		<1.0		<1
Tetrahydrofuran	ug/L		<10.0	<10		<10.0		<10
Hexanone,2-	ug/L		<10.0	<10		<10.0		<10
Bromomethane	ug/L		<2.0	<2		<2.0		<2
Bromochloromethane	ug/L		<1.0	<1		<1.0		<1
Bromodichloromethane	ug/L		<0.5	<1		<1.0		<0.5
Chloromethane	ug/L		<2.0	<2		<2.0		<2

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D
	Sample ID	1174244	1174244	1187386	1187386	1197391	1197391	1206365
	Sample Date	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007	05/24/2007
	Sample Time	10:30	10:30	09:40	09:40	14:40	14:40	12:10
	Sample Depth	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-10	SA48865-23	SA53561-07	SA53561-08	SA58200-07	SA58200-08	SA62709-14
Constituent	Units							
Chlorodibromomethane	ug/L		<0.5	<1		<1.0		<0.5
Methylene Dibromide	ug/L		<1.0	<1		<1.0		<1
Methylene Chloride	ug/L		<5.0	<10		<10.0		<5
Dichlorodifluoromethane	ug/L		<2.0	<2		<2.0		<2
Bromoform	ug/L		<1.0	<1		<1.0		<1
Chloroform	ug/L		<1.0	1.2		1.0		<1
Trichlorofluoromethane	ug/L		<1.0	<1		<1.0		<1
Total Trihalomethanes (Calc.)	ug/L		<1.0	1.2		1.0		<1
Methyl Isobutyl ketone	ug/L		<10.0	<10		<10.0		<10
1,2,3-Trichloropropane	ug/L		<1.0	<1		<1.0		<1
1,2-Dibromo-3-Chloropropane	ug/L		<2.0	<2		<2.0		<2
1,2-Dichloropropane	ug/L		<1.0	<1		<1.0		<1
1,3-Dichloropropane	ug/L		<1.0	<1		<1.0		<1
Diisopropyl ether	ug/L		<1.0	<1		<1.0		<1
sec-Dichloropropane	ug/L		<1.0	<1		<1.0		<1
1,1-Dichloropropene	ug/L		<1.0	<1		<1.0		<1
trans-1,3-Dichloropropene	ug/L		<0.5	<1		<1.0		<0.5
cis-1,3-Dichloropropene	ug/L		<0.5	<1		<1.0		<0.5
Styrene	ug/L		<1.0	<1		<1.0		<1
Toluene	ug/L		<1.0	<1		<1.0		<1
o-Chlorotoluene	ug/L		<1.0	<1		<1.0		<1
p-Chlorotoluene	ug/L		<1.0	<1		<1.0		<1
o-Xylene	ug/L		<1.0	<1		<1.0		<1
Xylenes, Total (Calc.)	ug/L		<1.0	<1		<1.0		<1
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117S	MW-117S	MW-117S	MW-117S	MW-117S	MW-117S
	Sample ID	1206365	1174245	1174245	1187387	1187387	1197387	1197387
	Sample Date	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:10	12:20	12:20	11:50	11:50	15:10	15:10
	Sample Depth	45.00' - 55.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-15	SA48865-15	SA48865-16	SA53561-05	SA53561-06	SA58200-01	SA58200-02
Constituent	Units							
Xylenes,m- & p-	ug/L		<2.0		<2		<2.0	
Depth of Well	Ft	52.17	37.92	37.92				
Depth to Water	Ft	31.16	28.58	28.58	30.15	30.15	29.85	29.85
Oxygen, Dissolved (field)	mg/L	4.55	0.49	0.49	0.82	0.82	3.23	3.23
Specific Conductivity (field)	uS/cm	473	176	176	120	120	110	110
Temperature	C	13.09	16.82	16.82	15.32	15.32	11.76	11.76
Turbidity (field)	NTU	2.81	0.88	0.88	0.34	0.34	3.89	3.89
pH (field measurement)	SU	5.92	5.61	5.61	5.81	5.81	6.06	6.06
Date Metals Analyzed	-	06/02/2007		08/05/2006		11/05/2006		02/22/2007
Date Organics Analyzed	-		08/07/2006		11/08/2006		02/21/2007	
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	<0.004		<0.0040		<0.004		<0.004
Barium	mg/L							
Barium (unfiltered)	mg/L	0.108		0.0424		0.0336		0.0407
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	<0.0025		<0.0025		<0.0025		<0.0025
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	<0.005		<0.0050		<0.005		<0.005
Copper	mg/L							
Copper (unfiltered)	mg/L	0.0054		<0.0050		<0.005		<0.005
Lead	mg/L							
Lead (unfiltered)	mg/L	<0.0075		<0.0075		<0.0075		<0.015
Mercury	mg/L							
Mercury (unfiltered)	mg/L	<0.0005		<0.00020		<0.0002		<0.0002
Nickel	mg/L							
Nickel (unfiltered)	mg/L	<0.005		<0.0050		<0.005		<0.005
Selenium	mg/L							
Selenium (unfiltered)	mg/L	<0.015		<0.0150		<0.015		<0.015

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117S	MW-117S	MW-117S	MW-117S	MW-117S	MW-117S
	Sample ID	1206365	1174245	1174245	1187387	1187387	1197387	1197387
	Sample Date	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:10	12:20	12:20	11:50	11:50	15:10	15:10
	Sample Depth	45.00' - 55.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-15	SA48865-15	SA48865-16	SA53561-05	SA53561-06	SA58200-01	SA58200-02
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L	<0.005		<0.0050		<0.005		<0.005
Zinc	mg/L							
Zinc (unfiltered)	mg/L	0.007		<0.0508		<0.038		<0.03
Oxidation-Reduction Potential	mV	594.0	197.9	197.9	170.9	170.9	172.1	172.1
Naphthalene	ug/L		<1.0		<1		<1.0	
Acetone	ug/L		<20.0		<10		<10.0	
Acrylonitrile	ug/L		<0.5		<1		<1.0	
Benzene	ug/L		<1.0		<1		<1.0	
1,2,3-Trichlorobenzene	ug/L		<1.0		<1		<1.0	
1,2,4-Trichlorobenzene	ug/L		<1.0		<1		<1.0	
1,2,4-Trimethylbenzene	ug/L		<1.0		<1		<1.0	
o-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
1,3,5-Trimethylbenzene	ug/L		<1.0		<1		<1.0	
m-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
p-Dichlorobenzene	ug/L		<1.0		<1		<1.0	
Bromobenzene	ug/L		<1.0		<1		<1.0	
Butyl Benzene	ug/L		<1.0		<1		<1.0	
Chlorobenzene	ug/L		<1.0		<1		<1.0	
Ethylbenzene	ug/L		<1.0		<1		<1.0	
Isopropylbenzene (Cumene)	ug/L		<1.0		<1		<1.0	
Isocumene	ug/L		<1.0		<1		<1.0	
sec-Butylbenzene	ug/L		<1.0		<1		<1.0	
tert-Butylbenzene	ug/L		<1.0		<1		<1.0	
Hexachlorobutadiene	ug/L		<0.5		<1		<1.0	
tert-Amyl Methyl ether	ug/L		<1.0		<1		<1.0	
Methyl Ethyl ketone	ug/L		<10.0		<10		<10.0	
Butyl alcohol, tert-	ug/L		<10.0		<10		<10.0	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117S	MW-117S	MW-117S	MW-117S	MW-117S	MW-117S
	Sample ID	1206365	1174245	1174245	1187387	1187387	1197387	1197387
	Sample Date	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:10	12:20	12:20	11:50	11:50	15:10	15:10
	Sample Depth	45.00' - 55.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-15	SA48865-15	SA48865-16	SA53561-05	SA53561-06	SA58200-01	SA58200-02
Constituent	Units							
Carbon Disulfide	ug/L		<5.0		<5		<5.0	
Carbon Tetrachloride	ug/L		<1.0		<1		<1.0	
4-Isopropyltoluene	ug/L		<1.0		<1		<1.0	
p-Dioxane	ug/L		<20.0		<20		<20.0	
Ethyl ether	ug/L		<1.0		<1		<1.0	
1,1,1,2-Tetrachloroethane	ug/L		<1.0		<1		<1.0	
1,1,1-Trichloroethane	ug/L		<1.0		<1		<1.0	
1,1,2,2-Tetrachloroethane	ug/L		<0.5		<1		<1.0	
1,1,2-Trichloroethane	ug/L		<1.0		<1		<1.0	
1,1,2-Trichlorotrifluoroethane	ug/L		<1.0		<1		<1.0	
1,1-Dichloroethane	ug/L		<1.0		<1		<1.0	
Ethylene Dibromide	ug/L		<0.5		<1		<1.0	
1,2-Dichloroethane	ug/L		<1.0		<1		<1.0	
Chloroethane	ug/L		<2.0		<2		<2.0	
Ethyl tert-Butyl ether	ug/L		<1.0		<1		<1.0	
Methyl tert-Butyl ether	ug/L		<1.0		<1		<1.0	
1,1-Dichloroethylene	ug/L		<1.0		<1		<1.0	
trans-1,2-Dichloroethylene	ug/L		<1.0		<1		<1.0	
cis-1,2-Dichloroethylene	ug/L		<1.0		<1		<1.0	
Vinyl Chloride	ug/L		<1.0		<1		<1.0	
Tetrachloroethylene	ug/L		<1.0		2.3		<1.0	
Trichloroethylene	ug/L		<1.0		<1		<1.0	
Tetrahydrofuran	ug/L		<10.0		<10		<10.0	
Hexanone,2-	ug/L		<10.0		<10		<10.0	
Bromomethane	ug/L		<2.0		<2		<2.0	
Bromochloromethane	ug/L		<1.0		<1		<1.0	
Bromodichloromethane	ug/L		<0.5		<1		<1.0	
Chloromethane	ug/L		<2.0		<2		<2.0	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117S	MW-117S	MW-117S	MW-117S	MW-117S	MW-117S
	Sample ID	1206365	1174245	1174245	1187387	1187387	1197387	1197387
	Sample Date	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:10	12:20	12:20	11:50	11:50	15:10	15:10
	Sample Depth	45.00' - 55.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-15	SA48865-15	SA48865-16	SA53561-05	SA53561-06	SA58200-01	SA58200-02
Constituent	Units							
Chlorodibromomethane	ug/L		<0.5		<1		<1.0	
Methylene Dibromide	ug/L		<1.0		<1		<1.0	
Methylene Chloride	ug/L		<5.0		<10		<10.0	
Dichlorodifluoromethane	ug/L		<2.0		<2		<2.0	
Bromoform	ug/L		<1.0		<1		<1.0	
Chloroform	ug/L		<1.0		<1		<1.0	
Trichlorofluoromethane	ug/L		<1.0		<1		<1.0	
Total Trihalomethanes (Calc.)	ug/L		<1.0		<1		<1.0	
Methyl Isobutyl ketone	ug/L		<10.0		<10		<10.0	
1,2,3-Trichloropropane	ug/L		<1.0		<1		<1.0	
1,2-Dibromo-3-Chloropropane	ug/L		<2.0		<2		<2.0	
1,2-Dichloropropane	ug/L		<1.0		<1		<1.0	
1,3-Dichloropropane	ug/L		<1.0		<1		<1.0	
Diisopropyl ether	ug/L		<1.0		<1		<1.0	
sec-Dichloropropane	ug/L		<1.0		<1		<1.0	
1,1-Dichloropropene	ug/L		<1.0		<1		<1.0	
trans-1,3-Dichloropropene	ug/L		<0.5		<1		<1.0	
cis-1,3-Dichloropropene	ug/L		<0.5		<1		<1.0	
Styrene	ug/L		<1.0		<1		<1.0	
Toluene	ug/L		<1.0		<1		<1.0	
o-Chlorotoluene	ug/L		<1.0		<1		<1.0	
p-Chlorotoluene	ug/L		<1.0		<1		<1.0	
o-Xylene	ug/L		<1.0		<1		<1.0	
Xylenes, Total (Calc.)	ug/L		<1.0		<1		<1.0	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117S	MW-117S	MW-118D	MW-118D	MW-118D	MW-118D	MW-118D
	Sample ID	1206364	1206364	1174250	1174250	1187391	1187391	1197675
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007
	Sample Time	10:20	10:20	13:55	13:55	13:30	13:30	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-12	SA62709-13	SA48865-17	SA48865-18	SA53561-15	SA53561-16	SA58353-01
Constituent	Units							
Xylenes,m- & p-	ug/L	<2		<2.0		<2		<2.0
Depth of Well	Ft	37.64	37.64	59.25	59.25			59.19
Depth to Water	Ft	31.14	31.14	30.0	30.0	31.05	31.05	31.23
Oxygen, Dissolved (field)	mg/L	0.93	0.93	7.80	7.80	11.19	11.19	4.39
Specific Conductivity (field)	uS/cm	123	123	224	224	354	354	283
Temperature	C	14.54	14.54	18.78	18.78	15.49	15.49	12.17
Turbidity (field)	NTU	1.67	1.67	1.80	1.80	4.80	4.80	1.67
pH (field measurement)	SU	5.60	5.60	4.25	4.25	5.58	5.58	7.83
Date Metals Analyzed	-		06/02/2007		08/05/2006		11/05/2006	
Date Organics Analyzed	-	06/05/2007		08/07/2006		11/08/2006		02/24/2007
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L		<0.004		<0.0040		<0.004	
Barium	mg/L							
Barium (unfiltered)	mg/L		0.0503		0.0283		0.0239	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L		<0.0025		<0.0025		<0.0025	
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		<0.005		<0.0050		<0.005	
Copper	mg/L							
Copper (unfiltered)	mg/L		0.0058		<0.0050		<0.005	
Lead	mg/L							
Lead (unfiltered)	mg/L		<0.0075		<0.0075		<0.0075	
Mercury	mg/L							
Mercury (unfiltered)	mg/L		<0.0005		<0.00020		<0.0002	
Nickel	mg/L							
Nickel (unfiltered)	mg/L		<0.005		<0.0050		<0.005	
Selenium	mg/L							
Selenium (unfiltered)	mg/L		<0.015		<0.0150		<0.015	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117S	MW-117S	MW-118D	MW-118D	MW-118D	MW-118D	MW-118D
	Sample ID	1206364	1206364	1174250	1174250	1187391	1187391	1197675
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007
	Sample Time	10:20	10:20	13:55	13:55	13:30	13:30	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-12	SA62709-13	SA48865-17	SA48865-18	SA53561-15	SA53561-16	SA58353-01
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L		<0.005		<0.0050		<0.005	
Zinc	mg/L							
Zinc (unfiltered)	mg/L		0.0116		<0.0508		<0.038	
Oxidation-Reduction Potential	mV	549.3	549.3	49.8	49.8	143.4	143.4	-16.8
Naphthalene	ug/L	<1		<1.0		<1		<1.0
Acetone	ug/L	<10		<20.0		<10		<10.0
Acrylonitrile	ug/L	<0.5		<0.5		<1		<1.0
Benzene	ug/L	<1		<1.0		<1		<1.0
1,2,3-Trichlorobenzene	ug/L	<1		<1.0		<1		<1.0
1,2,4-Trichlorobenzene	ug/L	<1		<1.0		<1		<1.0
1,2,4-Trimethylbenzene	ug/L	<1		<1.0		<1		<1.0
o-Dichlorobenzene	ug/L	<1		<1.0		<1		<1.0
1,3,5-Trimethylbenzene	ug/L	<1		<1.0		<1		<1.0
m-Dichlorobenzene	ug/L	<1		<1.0		<1		<1.0
p-Dichlorobenzene	ug/L	<1		<1.0		<1		<1.0
Bromobenzene	ug/L	<1		<1.0		<1		<1.0
Butyl Benzene	ug/L	<1		<1.0		<1		<1.0
Chlorobenzene	ug/L	<1		<1.0		<1		<1.0
Ethylbenzene	ug/L	<1		<1.0		<1		<1.0
Isopropylbenzene (Cumene)	ug/L	<1		<1.0		<1		<1.0
Isocumene	ug/L	<1		<1.0		<1		<1.0
sec-Butylbenzene	ug/L	<1		<1.0		<1		<1.0
tert-Butylbenzene	ug/L	<1		<1.0		<1		<1.0
Hexachlorobutadiene	ug/L	<0.5		<0.5		<1		<1.0
tert-Amyl Methyl ether	ug/L	<1		<1.0		<1		<1.0
Methyl Ethyl ketone	ug/L	<10		<10.0		<10		<10.0
Butyl alcohol, tert-	ug/L	<10		<10.0		<10		<10.0

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117S	MW-117S	MW-118D	MW-118D	MW-118D	MW-118D	MW-118D
	Sample ID	1206364	1206364	1174250	1174250	1187391	1187391	1197675
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007
	Sample Time	10:20	10:20	13:55	13:55	13:30	13:30	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-12	SA62709-13	SA48865-17	SA48865-18	SA53561-15	SA53561-16	SA58353-01
Constituent	Units							
Carbon Disulfide	ug/L	<5		<5.0		<5		<5.0
Carbon Tetrachloride	ug/L	<1		<1.0		<1		<1.0
4-Isopropyltoluene	ug/L	<1		<1.0		<1		<1.0
p-Dioxane	ug/L	<20		<20.0		<20		<20.0
Ethyl ether	ug/L	<1		<1.0		<1		<1.0
1,1,1,2-Tetrachloroethane	ug/L	<1		<1.0		<1		<1.0
1,1,1-Trichloroethane	ug/L	<1		<1.0		<1		<1.0
1,1,2,2-Tetrachloroethane	ug/L	<0.5		<0.5		<1		<1.0
1,1,2-Trichloroethane	ug/L	<1		<1.0		<1		<1.0
1,1,2-Trichlorotrifluoroethane	ug/L	<1		<1.0		<1		<1.0
1,1-Dichloroethane	ug/L	<1		<1.0		<1		<1.0
Ethylene Dibromide	ug/L	<0.5		<0.5		<1		<1.0
1,2-Dichloroethane	ug/L	<1		<1.0		<1		<1.0
Chloroethane	ug/L	<2		<2.0		<2		<2.0
Ethyl tert-Butyl ether	ug/L	<1		<1.0		<1		<1.0
Methyl tert-Butyl ether	ug/L	<1		<1.0		<1		<1.0
1,1-Dichloroethylene	ug/L	<1		<1.0		<1		<1.0
trans-1,2-Dichloroethylene	ug/L	<1		<1.0		<1		<1.0
cis-1,2-Dichloroethylene	ug/L	<1		<1.0		<1		<1.0
Vinyl Chloride	ug/L	<1		<1.0		<1		<1.0
Tetrachloroethylene	ug/L	<1		<1.0		<1		<1.0
Trichloroethylene	ug/L	<1		<1.0		<1		<1.0
Tetrahydrofuran	ug/L	<10		<10.0		<10		<10.0
Hexanone,2-	ug/L	<10		<10.0		<10		<10.0
Bromomethane	ug/L	<2		<2.0		<2		<2.0
Bromochloromethane	ug/L	<1		<1.0		<1		<1.0
Bromodichloromethane	ug/L	<0.5		<0.5		<1		<1.0
Chloromethane	ug/L	<2		<2.0		<2		<2.0

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117S	MW-117S	MW-118D	MW-118D	MW-118D	MW-118D	MW-118D
	Sample ID	1206364	1206364	1174250	1174250	1187391	1187391	1197675
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007
	Sample Time	10:20	10:20	13:55	13:55	13:30	13:30	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-12	SA62709-13	SA48865-17	SA48865-18	SA53561-15	SA53561-16	SA58353-01
Constituent	Units							
Chlorodibromomethane	ug/L	<0.5		<0.5		<1		<1.0
Methylene Dibromide	ug/L	<1		<1.0		<1		<1.0
Methylene Chloride	ug/L	<5		<5.0		<10		<10.0
Dichlorodifluoromethane	ug/L	<2		<2.0		<2		<2.0
Bromoform	ug/L	<1		<1.0		<1		<1.0
Chloroform	ug/L	<1		<1.0		<1		<1.0
Trichlorofluoromethane	ug/L	<1		<1.0		<1		<1.0
Total Trihalomethanes (Calc.)	ug/L	<1		<1.0		<1		<1.0
Methyl Isobutyl ketone	ug/L	<10		<10.0		<10		<10.0
1,2,3-Trichloropropane	ug/L	<1		<1.0		<1		<1.0
1,2-Dibromo-3-Chloropropane	ug/L	<2		<2.0		<2		<2.0
1,2-Dichloropropane	ug/L	<1		<1.0		<1		<1.0
1,3-Dichloropropane	ug/L	<1		<1.0		<1		<1.0
Diisopropyl ether	ug/L	<1		<1.0		<1		<1.0
sec-Dichloropropane	ug/L	<1		<1.0		<1		<1.0
1,1-Dichloropropene	ug/L	<1		<1.0		<1		<1.0
trans-1,3-Dichloropropene	ug/L	<0.5		<0.5		<1		<1.0
cis-1,3-Dichloropropene	ug/L	<0.5		<0.5		<1		<1.0
Styrene	ug/L	<1		<1.0		<1		<1.0
Toluene	ug/L	<1		<1.0		<1		<1.0
o-Chlorotoluene	ug/L	<1		<1.0		<1		<1.0
p-Chlorotoluene	ug/L	<1		<1.0		<1		<1.0
o-Xylene	ug/L	<1		<1.0		<1		<1.0
Xylenes, Total (Calc.)	ug/L	<1		<1.0		<1		<1.0
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118D	MW-118D	MW-118D	MW-118S	MW-118S	MW-118S	MW-118S
	Sample ID	1197675	1206366	1206366	1174251	1174251	1187390	1187390
	Sample Date	02/16/2007	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006
	Sample Time	12:00	13:40	13:40	13:40	13:40	11:50	11:50
	Sample Depth	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-02	SA62709-16	SA62709-17	SA48865-21	SA48865-22	SA53561-13	SA53561-14
Constituent	Units							
Xylenes,m- & p-	ug/L		<2		<2.0		<2	
Depth of Well	Ft	59.19	59.94	59.94	36.45	36.45		
Depth to Water	Ft	31.23	31.18	31.18	29.75	29.75	30.95	30.95
Oxygen, Dissolved (field)	mg/L	4.39	7.70	7.70	8.42	8.42	13.32	13.32
Specific Conductivity (field)	uS/cm	283	151	151	1424	1424	1472	1472
Temperature	C	12.17	12.82	12.82	17.70	17.70	15.59	15.59
Turbidity (field)	NTU	1.67	4.23	4.23	1.30	1.30	0.79	0.79
pH (field measurement)	SU	7.83	6.91	6.91	5.50	5.50	5.54	5.54
Date Metals Analyzed	-	02/27/2007		06/02/2007		08/05/2006		11/05/2006
Date Organics Analyzed	-		06/06/2007		08/05/2006		11/08/2006	
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L	<0.0040		<0.004		<0.0040		<0.004
Barium	mg/L							
Barium (unfiltered)	mg/L	0.0250		0.035		0.457		0.19
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	<0.0025		<0.0025		<0.0025		<0.0025
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	<0.0050		<0.005		<0.0050		<0.005
Copper	mg/L							
Copper (unfiltered)	mg/L	<0.0050		0.0082		<0.0050		<0.005
Lead	mg/L							
Lead (unfiltered)	mg/L	<0.0075		<0.0075		<0.0075		<0.0075
Mercury	mg/L							
Mercury (unfiltered)	mg/L	<0.00020		<0.0005		<0.00020		<0.0002
Nickel	mg/L							
Nickel (unfiltered)	mg/L	<0.0050		<0.005		<0.0050		<0.005
Selenium	mg/L							
Selenium (unfiltered)	mg/L	<0.0150		<0.015		<0.0150		<0.015

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118D	MW-118D	MW-118D	MW-118S	MW-118S	MW-118S	MW-118S
	Sample ID	1197675	1206366	1206366	1174251	1174251	1187390	1187390
	Sample Date	02/16/2007	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006
	Sample Time	12:00	13:40	13:40	13:40	13:40	11:50	11:50
	Sample Depth	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-02	SA62709-16	SA62709-17	SA48865-21	SA48865-22	SA53561-13	SA53561-14
Constituent	Units							
Silver	mg/L							
Silver (unfiltered)	mg/L	<0.0050		<0.005		<0.0050		<0.005
Zinc	mg/L							
Zinc (unfiltered)	mg/L	<0.0555		0.0104		<0.0508		<0.038
Oxidation-Reduction Potential	mV	-16.8	656.1	656.1	277.7	277.7	136.9	136.9
Naphthalene	ug/L		<1		<1.0		<1	
Acetone	ug/L		<10		<20.0		<10	
Acrylonitrile	ug/L		<0.5		<0.5		<1	
Benzene	ug/L		<1		<1.0		<1	
1,2,3-Trichlorobenzene	ug/L		<1		<1.0		<1	
1,2,4-Trichlorobenzene	ug/L		<1		<1.0		<1	
1,2,4-Trimethylbenzene	ug/L		<1		<1.0		<1	
o-Dichlorobenzene	ug/L		<1		<1.0		<1	
1,3,5-Trimethylbenzene	ug/L		<1		<1.0		<1	
m-Dichlorobenzene	ug/L		<1		<1.0		<1	
p-Dichlorobenzene	ug/L		<1		<1.0		<1	
Bromobenzene	ug/L		<1		<1.0		<1	
Butyl Benzene	ug/L		<1		<1.0		<1	
Chlorobenzene	ug/L		<1		<1.0		<1	
Ethylbenzene	ug/L		<1		<1.0		<1	
Isopropylbenzene (Cumene)	ug/L		<1		<1.0		<1	
Isocumene	ug/L		<1		<1.0		<1	
sec-Butylbenzene	ug/L		<1		<1.0		<1	
tert-Butylbenzene	ug/L		<1		<1.0		<1	
Hexachlorobutadiene	ug/L		<0.5		<0.5		<1	
tert-Amyl Methyl ether	ug/L		<1		<1.0		<1	
Methyl Ethyl ketone	ug/L		<10		<10.0		<10	
Butyl alcohol, tert-	ug/L		<10		<10.0		<10	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118D	MW-118D	MW-118D	MW-118S	MW-118S	MW-118S	MW-118S
	Sample ID	1197675	1206366	1206366	1174251	1174251	1187390	1187390
	Sample Date	02/16/2007	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006
	Sample Time	12:00	13:40	13:40	13:40	13:40	11:50	11:50
	Sample Depth	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-02	SA62709-16	SA62709-17	SA48865-21	SA48865-22	SA53561-13	SA53561-14
Constituent	Units							
Carbon Disulfide	ug/L		<5		<5.0		<5	
Carbon Tetrachloride	ug/L		<1		<1.0		<1	
4-Isopropyltoluene	ug/L		<1		<1.0		<1	
p-Dioxane	ug/L		<20		<20.0		<20	
Ethyl ether	ug/L		<1		<1.0		<1	
1,1,1,2-Tetrachloroethane	ug/L		<1		<1.0		<1	
1,1,1-Trichloroethane	ug/L		<1		<1.0		<1	
1,1,2,2-Tetrachloroethane	ug/L		<0.5		<0.5		<1	
1,1,2-Trichloroethane	ug/L		<1		<1.0		<1	
1,1,2-Trichlorotrifluoroethane	ug/L		<1		<1.0		<1	
1,1-Dichloroethane	ug/L		<1		<1.0		<1	
Ethylene Dibromide	ug/L		<0.5		<0.5		<1	
1,2-Dichloroethane	ug/L		<1		<1.0		<1	
Chloroethane	ug/L		<2		<2.0		<2	
Ethyl tert-Butyl ether	ug/L		<1		<1.0		<1	
Methyl tert-Butyl ether	ug/L		<1		<1.0		<1	
1,1-Dichloroethylene	ug/L		<1		<1.0		<1	
trans-1,2-Dichloroethylene	ug/L		<1		<1.0		<1	
cis-1,2-Dichloroethylene	ug/L		2.8		<1.0		<1	
Vinyl Chloride	ug/L		<1		<1.0		<1	
Tetrachloroethylene	ug/L		<1		6.8		7.2	
Trichloroethylene	ug/L		<1		2.3		2	
Tetrahydrofuran	ug/L		<10		<10.0		<10	
Hexanone,2-	ug/L		<10		<10.0		<10	
Bromomethane	ug/L		<2		<2.0		<2	
Bromochloromethane	ug/L		<1		<1.0		<1	
Bromodichloromethane	ug/L		<0.5		<0.5		<1	
Chloromethane	ug/L		<2		<2.0		<2	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118D	MW-118D	MW-118D	MW-118S	MW-118S	MW-118S	MW-118S
	Sample ID	1197675	1206366	1206366	1174251	1174251	1187390	1187390
	Sample Date	02/16/2007	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006
	Sample Time	12:00	13:40	13:40	13:40	13:40	11:50	11:50
	Sample Depth	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-02	SA62709-16	SA62709-17	SA48865-21	SA48865-22	SA53561-13	SA53561-14
Constituent	Units							
Chlorodibromomethane	ug/L		<0.5		<0.5		<1	
Methylene Dibromide	ug/L		<1		<1.0		<1	
Methylene Chloride	ug/L		<5		<5.0		<10	
Dichlorodifluoromethane	ug/L		<2		<2.0		<2	
Bromoform	ug/L		<1		<1.0		<1	
Chloroform	ug/L		<1		<1.0		<1	
Trichlorofluoromethane	ug/L		<1		<1.0		<1	
Total Trihalomethanes (Calc.)	ug/L		<1		<1.0		<1	
Methyl Isobutyl ketone	ug/L		<10		<10.0		<10	
1,2,3-Trichloropropane	ug/L		<1		<1.0		<1	
1,2-Dibromo-3-Chloropropane	ug/L		<2		<2.0		<2	
1,2-Dichloropropane	ug/L		<1		<1.0		<1	
1,3-Dichloropropane	ug/L		<1		<1.0		<1	
Diisopropyl ether	ug/L		<1		<1.0		<1	
sec-Dichloropropane	ug/L		<1		<1.0		<1	
1,1-Dichloropropene	ug/L		<1		<1.0		<1	
trans-1,3-Dichloropropene	ug/L		<0.5		<0.5		<1	
cis-1,3-Dichloropropene	ug/L		<0.5		<0.5		<1	
Styrene	ug/L		<1		<1.0		<1	
Toluene	ug/L		<1		<1.0		<1	
o-Chlorotoluene	ug/L		<1		<1.0		<1	
p-Chlorotoluene	ug/L		<1		<1.0		<1	
o-Xylene	ug/L		<1		<1.0		<1	
Xylenes, Total (Calc.)	ug/L		<1		<1.0		<1	
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Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118S	MW-118S	MW-118S	MW-118S			
	Sample ID	1197676	1197676	1206369	1206369			
	Sample Date	02/16/2007	02/16/2007	05/24/2007	05/24/2007			
	Sample Time	11:00	11:00	13:30	13:30			
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0			
	Laboratory	Spec	Spec	Spec	Spec			
	Lab. Number	SA58353-03	SA58353-04	SA62709-05	SA62709-06			
Constituent	Units							
Xylenes,m- & p-	ug/L	<2.0		<2				
Depth of Well	Ft	36.27	36.27	36.30	36.30			
Depth to Water	Ft	31.06	31.06	29.53	29.53			
Oxygen, Dissolved (field)	mg/L	3.49	3.49	NT	NT			
Specific Conductivity (field)	uS/cm	590	590	749	749			
Temperature	C	12.15	12.15	14.16	14.16			
Turbidity (field)	NTU	4.17	4.17	2.18	2.18			
pH (field measurement)	SU	5.86	5.86	5.98	5.98			
Date Metals Analyzed	-		02/27/2007		06/02/2007			
Date Organics Analyzed	-	02/24/2007		06/05/2007				
Arsenic	mg/L							
Arsenic (unfiltered)	mg/L		<0.0040		<0.004			
Barium	mg/L							
Barium (unfiltered)	mg/L		0.179		0.215			
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L		<0.0025		<0.0025			
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		0.0060		<0.005			
Copper	mg/L							
Copper (unfiltered)	mg/L		<0.0050		0.006			
Lead	mg/L							
Lead (unfiltered)	mg/L		<0.0075		<0.0075			
Mercury	mg/L							
Mercury (unfiltered)	mg/L		<0.00020		<0.0005			
Nickel	mg/L							
Nickel (unfiltered)	mg/L		<0.0050		<0.005			
Selenium	mg/L							
Selenium (unfiltered)	mg/L		<0.0150		<0.015			

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118S	MW-118S	MW-118S	MW-118S
	Sample ID	1197676	1197676	1206369	1206369
	Sample Date	02/16/2007	02/16/2007	05/24/2007	05/24/2007
	Sample Time	11:00	11:00	13:30	13:30
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-03	SA58353-04	SA62709-05	SA62709-06
Constituent	Units				
Silver	mg/L				
Silver (unfiltered)	mg/L		<0.0050		<0.005
Zinc	mg/L				
Zinc (unfiltered)	mg/L		<0.0555		<0.005
Oxidation-Reduction Potential	mV	142.1	142.1	214.0	214.0
Naphthalene	ug/L	<1.0		<1	
Acetone	ug/L	<10.0		<10	
Acrylonitrile	ug/L	<1.0		<0.5	
Benzene	ug/L	<1.0		<1	
1,2,3-Trichlorobenzene	ug/L	<1.0		<1	
1,2,4-Trichlorobenzene	ug/L	<1.0		<1	
1,2,4-Trimethylbenzene	ug/L	<1.0		<1	
o-Dichlorobenzene	ug/L	<1.0		<1	
1,3,5-Trimethylbenzene	ug/L	<1.0		<1	
m-Dichlorobenzene	ug/L	<1.0		<1	
p-Dichlorobenzene	ug/L	<1.0		<1	
Bromobenzene	ug/L	<1.0		<1	
Butyl Benzene	ug/L	<1.0		<1	
Chlorobenzene	ug/L	<1.0		<1	
Ethylbenzene	ug/L	<1.0		<1	
Isopropylbenzene (Cumene)	ug/L	<1.0		<1	
Isocumene	ug/L	<1.0		<1	
sec-Butylbenzene	ug/L	<1.0		<1	
tert-Butylbenzene	ug/L	<1.0		<1	
Hexachlorobutadiene	ug/L	<1.0		<0.5	
tert-Amyl Methyl ether	ug/L	<1.0		<1	
Methyl Ethyl ketone	ug/L	<10.0		<10	
Butyl alcohol, tert-	ug/L	<10.0		<10	

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118S	MW-118S	MW-118S	MW-118S			
	Sample ID	1197676	1197676	1206369	1206369			
	Sample Date	02/16/2007	02/16/2007	05/24/2007	05/24/2007			
	Sample Time	11:00	11:00	13:30	13:30			
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0			
	Laboratory	Spec	Spec	Spec	Spec			
	Lab. Number	SA58353-03	SA58353-04	SA62709-05	SA62709-06			
Constituent	Units							
Carbon Disulfide	ug/L	<5.0		<5				
Carbon Tetrachloride	ug/L	<1.0		<1				
4-Isopropyltoluene	ug/L	<1.0		<1				
p-Dioxane	ug/L	<20.0		<20				
Ethyl ether	ug/L	<1.0		<1				
1,1,1,2-Tetrachloroethane	ug/L	<1.0		<1				
1,1,1-Trichloroethane	ug/L	<1.0		<1				
1,1,2,2-Tetrachloroethane	ug/L	<1.0		<0.5				
1,1,2-Trichloroethane	ug/L	<1.0		<1				
1,1,2-Trichlorotrifluoroethane	ug/L	<1.0		<1				
1,1-Dichloroethane	ug/L	<1.0		<1				
Ethylene Dibromide	ug/L	<1.0		<0.5				
1,2-Dichloroethane	ug/L	<1.0		<1				
Chloroethane	ug/L	<2.0		<2				
Ethyl tert-Butyl ether	ug/L	<1.0		<1				
Methyl tert-Butyl ether	ug/L	<1.0		<1				
1,1-Dichloroethylene	ug/L	<1.0		<1				
trans-1,2-Dichloroethylene	ug/L	<1.0		<1				
cis-1,2-Dichloroethylene	ug/L	<1.0		<1				
Vinyl Chloride	ug/L	<1.0		<1				
Tetrachloroethylene	ug/L	10.4		8.5				
Trichloroethylene	ug/L	3.4		2.5				
Tetrahydrofuran	ug/L	<10.0		<10				
Hexanone,2-	ug/L	<10.0		<10				
Bromomethane	ug/L	<2.0		<2				
Bromochloromethane	ug/L	<1.0		<1				
Bromodichloromethane	ug/L	<1.0		<0.5				
Chloromethane	ug/L	<2.0		<2				

Table 3-2
SUMMARY OF ANALYTICAL RESULTS
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118S	MW-118S	MW-118S	MW-118S
	Sample ID	1197676	1197676	1206369	1206369
	Sample Date	02/16/2007	02/16/2007	05/24/2007	05/24/2007
	Sample Time	11:00	11:00	13:30	13:30
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-03	SA58353-04	SA62709-05	SA62709-06
Constituent	Units				
Chlorodibromomethane	ug/L	<1.0		<0.5	
Methylene Dibromide	ug/L	<1.0		<1	
Methylene Chloride	ug/L	<10.0		<5	
Dichlorodifluoromethane	ug/L	<2.0		<2	
Bromoform	ug/L	<1.0		<1	
Chloroform	ug/L	<1.0		<1	
Trichlorofluoromethane	ug/L	<1.0		<1	
Total Trihalomethanes (Calc.)	ug/L	<1.0		<1	
Methyl Isobutyl ketone	ug/L	<10.0		<10	
1,2,3-Trichloropropane	ug/L	<1.0		<1	
1,2-Dibromo-3-Chloropropane	ug/L	<2.0		<2	
1,2-Dichloropropane	ug/L	<1.0		<1	
1,3-Dichloropropane	ug/L	<1.0		<1	
Diisopropyl ether	ug/L	<1.0		<1	
sec-Dichloropropane	ug/L	<1.0		<1	
1,1-Dichloropropene	ug/L	<1.0		<1	
trans-1,3-Dichloropropene	ug/L	<1.0		<0.5	
cis-1,3-Dichloropropene	ug/L	<1.0		<0.5	
Styrene	ug/L	<1.0		<1	
Toluene	ug/L	<1.0		<1	
o-Chlorotoluene	ug/L	<1.0		<1	
p-Chlorotoluene	ug/L	<1.0		<1	
o-Xylene	ug/L	<1.0		<1	
Xylenes, Total (Calc.)	ug/L	<1.0		<1	
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-101	MW-101	MW-101	MW-101	MW-102	MW-102	MW-102
	Sample ID	1174241	1187384	1197678	1206370	1174240	1187383	1187383
	Sample Date	07/27/2006	10/30/2006	02/16/2007	05/25/2007	07/27/2006	10/30/2006	10/30/2006
	Sample Time	14:05	13:20	15:00	08:40	14:20	11:15	11:15
	Sample Depth	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	26.00' - 36.0	21.70' - 31.7	21.70' - 31.7	21.70' - 31.7
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-11	SA53519-12	SA58353-06	SA62837-09	SA48857-09	SA53519-09	SA53519-10
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L							
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-102	MW-102	MW-103	MW-103	MW-103	MW-103	MW-103
	Sample ID	1197680	1206371	1174237	1187379	1197406	1197406	1206361
	Sample Date	02/16/2007	05/25/2007	07/27/2006	10/30/2006	02/15/2007	02/15/2007	05/23/2007
	Sample Time	15:25	10:30	11:45	10:20	15:00	15:00	10:20
	Sample Depth	21.70' - 31.7	21.70' - 31.7	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-10	SA62837-11	SA48857-17	SA53519-02	SA58280-05	SA58280-06	SA62755-02
Constituent	Units							
Depth of Well	Ft		33.78	35.18				34.7
Depth to Water	Ft	26.30	27.08	29.78	30.62	31.88	31.88	29.0
Oxygen, Dissolved (field)	mg/L	3.51	0.61	9.51				NT
Specific Conductivity (field)	uS/cm	75	83	60	86			156
Temperature	C	7.10	15.84	16.54	14.49			14.00
Turbidity (field)	NTU		1.08	0.00	0.32			1.53
pH (field measurement)	SU	6.47	6.62	6.13	5.53			6.49
Date Metals Analyzed	-	02/27/2007	06/03/2007	08/05/2006	11/04/2006	02/23/2007	03/07/2007	05/31/2007
Date Organics Analyzed	-							
Arsenic (unfiltered)	mg/L	0.0058						
Barium	mg/L					0.0251		
Barium (unfiltered)	mg/L	0.0084	0.0112	0.0428	0.029		0.0288	0.068
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L	0.0121						
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L	0.0322	0.0184					
Zinc	mg/L							
Zinc (unfiltered)	mg/L		0.027	0.0750			0.0068	
Oxidation-Reduction Potential	mV	-46.6	-4.9	128.0	145.8			136.8
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-102	MW-102	MW-103	MW-103	MW-103	MW-103	MW-103
	Sample ID	1197680	1206371	1174237	1187379	1197406	1197406	1206361
	Sample Date	02/16/2007	05/25/2007	07/27/2006	10/30/2006	02/15/2007	02/15/2007	05/23/2007
	Sample Time	15:25	10:30	11:45	10:20	15:00	15:00	10:20
	Sample Depth	21.70' - 31.7	21.70' - 31.7	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58353-10	SA62837-11	SA48857-17	SA53519-02	SA58280-05	SA58280-06	SA62755-02
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L							
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105
	Sample ID	1174238	1174238	1187382	1187382	1197683	1197683	1206358
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/20/2007	02/20/2007	05/23/2007
	Sample Time	13:15	13:15	10:30	10:30	10:26	10:26	10:20
	Sample Depth	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-14	SA48857-15	SA53519-07	SA53519-08	SA58424-01	SA58424-02	SA62755-08
Constituent	Units							
Depth of Well	Ft	37.2	37.2					36.88
Depth to Water	Ft	31.25	31.25	31.63	31.63	31.96	31.96	31.78
Oxygen, Dissolved (field)	mg/L	7.46	7.46	7.57	7.57			8.05
Specific Conductivity (field)	uS/cm	121	121	49	49	75	75	101
Temperature	C	18.39	18.39	15.87	15.87	13.58	13.58	15.61
Turbidity (field)	NTU			0.68	0.68			3.11
pH (field measurement)	SU	6.45	6.45	6.24	6.24	6.17	6.17	5.83
Date Metals Analyzed	-		08/05/2006		11/04/2006		02/27/2007	
Date Organics Analyzed	-	08/04/2006		11/07/2006		02/27/2007		06/04/2007
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L		0.0244		0.0136		0.0174	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L		0.0026					
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L		0.0910				0.0152	
Oxidation-Reduction Potential	mV	154.5	154.5	160.8	160.8	131	131	535.7
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105
	Sample ID	1174238	1174238	1187382	1187382	1197683	1197683	1206358
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/20/2007	02/20/2007	05/23/2007
	Sample Time	13:15	13:15	10:30	10:30	10:26	10:26	10:20
	Sample Depth	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0	27.00' - 37.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-14	SA48857-15	SA53519-07	SA53519-08	SA58424-01	SA58424-02	SA62755-08
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L	6.4		5.4		5.8		6.9
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L	6.6		8.5		6.4		6.3
Total Trihalomethanes (Calc.)	ug/L							
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-105	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109
	Sample ID	1206358	1174242	1174242	1187385	1187385	1187400	1187400
	Sample Date	05/23/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006
	Sample Time	10:20	13:05	13:05	15:40	15:40	15:40	15:40
	Sample Depth	27.00' - 37.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-09	SA48857-03	SA48857-04	SA53519-13	SA53519-14	SA53519-15	SA53519-16
Constituent	Units							
Depth of Well	Ft	36.88						
Depth to Water	Ft	31.78			31.8	31.8	31.8	31.8
Oxygen, Dissolved (field)	mg/L	8.05	0.66	0.66	1.16	1.16	1.16	1.16
Specific Conductivity (field)	uS/cm	101	681	681	433	433	433	433
Temperature	C	15.61	19.31	19.31	15.40	15.40	15.40	15.40
Turbidity (field)	NTU	3.11	4.15	4.15	1.17	1.17	1.17	1.17
pH (field measurement)	SU	5.83	6.29	6.29	6.58	6.58	6.58	6.58
Date Metals Analyzed	-	05/31/2007		08/05/2006	11/20/2006	11/04/2006	11/20/2006	11/04/2006
Date Organics Analyzed	-		08/04/2006		11/08/2006		11/08/2006	
Arsenic (unfiltered)	mg/L							
Barium	mg/L				0.0385		0.04	
Barium (unfiltered)	mg/L	0.0581		0.0587		0.0433		0.0438
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.0256		0.0142		0.0074		
Copper	mg/L				0.23		0.249	
Copper (unfiltered)	mg/L	0.005		0.390		0.286		0.284
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L				0.34		0.352	
Nickel (unfiltered)	mg/L	0.0073		0.410		0.362		0.358
Zinc	mg/L							
Zinc (unfiltered)	mg/L			0.105		0.0797		
Oxidation-Reduction Potential	mV	535.7	221.8	221.8	166.2	166.2	166.2	166.2
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L				3.6		3.2	
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-105	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109
	Sample ID	1206358	1174242	1174242	1187385	1187385	1187400	1187400
	Sample Date	05/23/2007	07/27/2006	07/27/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006
	Sample Time	10:20	13:05	13:05	15:40	15:40	15:40	15:40
	Sample Depth	27.00' - 37.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-09	SA48857-03	SA48857-04	SA53519-13	SA53519-14	SA53519-15	SA53519-16
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L				1.2		1.2	
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L		1.7		4.2		4.4	
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-109	MW-109	MW-109	MW-109	MW-110	MW-110	MW-110
	Sample ID	1197411	1197411	1206373	1206373	1174243	1174243	1187388
	Sample Date	02/15/2007	02/15/2007	05/25/2007	05/25/2007	07/28/2006	07/28/2006	10/31/2006
	Sample Time	10:50	10:50	10:35	10:35	08:50	08:50	13:55
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0			
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58280-03	SA58280-04	SA62837-03	SA62837-04	SA48865-01	SA48865-02	SA53561-09
Constituent	Units							
Depth of Well	Ft			34.60	34.60			
Depth to Water	Ft	30.89	30.89	29.19	29.19	30.9	30.9	32.75
Oxygen, Dissolved (field)	mg/L	1.48	1.48	NT	NT	0.54	0.54	0.71
Specific Conductivity (field)	uS/cm	2337	2337	679	679	1854	1854	635
Temperature	C	12.84	12.84	20.25	20.25	17.49	17.49	15.29
Turbidity (field)	NTU	0.55	0.55	3.75	3.75	4.15	4.15	1.46
pH (field measurement)	SU	6.66	6.66	5.91	5.91	6.15	6.15	6.06
Date Metals Analyzed	-	02/23/2007	03/07/2007	06/12/2007	06/03/2007		08/05/2006	
Date Organics Analyzed	-	02/23/2007		06/04/2007		08/04/2006		11/08/2006
Arsenic (unfiltered)	mg/L							
Barium	mg/L	0.111		0.0704				
Barium (unfiltered)	mg/L		0.111		0.0754		0.0113	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L		0.0076		0.0372		0.0086	
Copper	mg/L	0.704		1.66				
Copper (unfiltered)	mg/L		0.702		1.73		1.25	
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L	1.55		0.619				
Nickel (unfiltered)	mg/L		1.51		0.586		0.0269	
Zinc	mg/L			0.718				
Zinc (unfiltered)	mg/L		0.0968		0.706			
Oxidation-Reduction Potential	mV	150.8	150.8	156.3	156.3	233.1	233.1	198.1
Acetone	ug/L			180				
1,2,4-Trichlorobenzene	ug/L	2.4						
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-109	MW-109	MW-109	MW-109	MW-110	MW-110	MW-110
	Sample ID	1197411	1197411	1206373	1206373	1174243	1174243	1187388
	Sample Date	02/15/2007	02/15/2007	05/25/2007	05/25/2007	07/28/2006	07/28/2006	10/31/2006
	Sample Time	10:50	10:50	10:35	10:35	08:50	08:50	13:55
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0			
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA58280-03	SA58280-04	SA62837-03	SA62837-04	SA48865-01	SA48865-02	SA53561-09
Constituent	Units							
Butyl alcohol, tert-	ug/L			203				
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L	4.2		1.7		6.3		38.5
Trichloroethylene	ug/L							
Bromomethane	ug/L					4.2		
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-110	MW-110	MW-110	MW-110	MW-111	MW-111
	Sample ID	1187388	1197687	1197687	1206372	1206372	1174236	1174236
	Sample Date	10/31/2006	02/16/2007	02/16/2007	05/25/2007	05/25/2007	07/27/2006	07/27/2006
	Sample Time	13:55	12:30	12:30	09:10	09:10	11:30	11:30
	Sample Depth						25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-10	SA58353-13	SA58353-14	SA62837-01	SA62837-02	SA48857-12	SA48857-13
Constituent	Units							
Depth of Well	Ft				39.6	39.6	34.82	34.82
Depth to Water	Ft	32.75	31.8	31.8	30.51	30.51		
Oxygen, Dissolved (field)	mg/L	0.71	0.65	0.65	9.86	9.86	3.46	3.46
Specific Conductivity (field)	uS/cm	635	607	607	1084	1084	501	501
Temperature	C	15.29	9.36	9.36	15.02	15.02	17.39	17.39
Turbidity (field)	NTU	1.46	4.30	4.30	-0.75	-0.75	0.24	0.24
pH (field measurement)	SU	6.06	5.95	5.95	5.74	5.74	3.42	3.42
Date Metals Analyzed	-	11/05/2006	03/07/2007	02/27/2007	06/12/2007	06/03/2007		08/05/2006
Date Organics Analyzed	-		02/24/2007		06/04/2007		08/04/2006	
Arsenic (unfiltered)	mg/L							
Barium	mg/L		0.0446		0.172			
Barium (unfiltered)	mg/L	0.0204		0.0400		0.171		0.0623
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L				0.0102			
Chromium, Total (unfiltered)	mg/L	0.0059		0.0116		0.0104		
Copper	mg/L		0.494		2.26			
Copper (unfiltered)	mg/L	0.606		0.516		2.27		
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L			0.00025				
Nickel	mg/L		0.018		0.138			
Nickel (unfiltered)	mg/L	0.0127		0.0174		0.133		0.0072
Zinc	mg/L		0.0399		0.188			
Zinc (unfiltered)	mg/L					0.2		0.0698
Oxidation-Reduction Potential	mV	198.1	106.6	106.6	202.9	202.9	524.6	524.6
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-110	MW-110	MW-110	MW-110	MW-110	MW-111	MW-111
	Sample ID	1187388	1197687	1197687	1206372	1206372	1174236	1174236
	Sample Date	10/31/2006	02/16/2007	02/16/2007	05/25/2007	05/25/2007	07/27/2006	07/27/2006
	Sample Time	13:55	12:30	12:30	09:10	09:10	11:30	11:30
	Sample Depth						25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-10	SA58353-13	SA58353-14	SA62837-01	SA62837-02	SA48857-12	SA48857-13
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L		1.5					
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L		46.9		17.8		2.5	
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L				2		2.9	
Chloroform	ug/L							
Trichlorofluoromethane	ug/L				1.2			
Total Trihalomethanes (Calc.)	ug/L							
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-112
	Sample ID	1187398	1187398	1197409	1197409	1206363	1206363	1174248
	Sample Date	10/30/2006	10/30/2006	02/15/2007	02/15/2007	05/23/2007	05/23/2007	07/28/2006
	Sample Time	14:30	14:30	13:30	13:30	13:25	13:25	11:30
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-19	SA53519-20	SA58280-09	SA58280-10	SA62755-05	SA62755-06	SA48865-03
Constituent	Units							
Depth of Well	Ft					34.90	34.90	
Depth to Water	Ft	30.88	30.88	31.15	31.15	30.05	30.05	29.65
Oxygen, Dissolved (field)	mg/L	1.25	1.25	3.12	3.12	NT	NT	5.70
Specific Conductivity (field)	uS/cm	122	122	421	421	44	44	220
Temperature	C	17.57	17.57	10.22	10.22	34.7	34.7	18.80
Turbidity (field)	NTU	0.47	0.47	2.08	2.08	0.63	0.63	1.9
pH (field measurement)	SU	5.56	5.56	5.93	5.93	6.06	6.06	6.17
Date Metals Analyzed	-		11/04/2006		02/23/2007		05/31/2007	
Date Organics Analyzed	-	11/08/2006		02/23/2007		06/04/2007		08/04/2006
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L		0.0216		0.0408		0.077	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L						0.0086	
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L				0.0103		0.011	
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Oxidation-Reduction Potential	mV	220.2	220.2	99.9	99.9	171.1	171.1	261.2
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-112
	Sample ID	1187398	1187398	1197409	1197409	1206363	1206363	1174248
	Sample Date	10/30/2006	10/30/2006	02/15/2007	02/15/2007	05/23/2007	05/23/2007	07/28/2006
	Sample Time	14:30	14:30	13:30	13:30	13:25	13:25	11:30
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-19	SA53519-20	SA58280-09	SA58280-10	SA62755-05	SA62755-06	SA48865-03
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L					1.7		
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L	1.9		3.0		3.6		3.9
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L	2.6		2.4		2		
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112
	Sample ID	1174248	1187389	1187389	1197388	1197388	1206374	1206374
	Sample Date	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007	05/25/2007	05/25/2007
	Sample Time	11:30	09:45	09:45	10:20	10:20	12:00	12:00
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-04	SA53561-11	SA53561-12	SA58200-05	SA58200-06	SA62837-05	SA62837-06
Constituent	Units							
Depth of Well	Ft							
Depth to Water	Ft	29.65	31.1	31.1	35	35	29.4	29.4
Oxygen, Dissolved (field)	mg/L	5.70	9.69	9.69			5.32	5.32
Specific Conductivity (field)	uS/cm	220	259	259	135	135	185	185
Temperature	C	18.80	14.81	14.81	13.91	13.91	16.61	16.61
Turbidity (field)	NTU	1.9	0.47	0.47	3.7	3.7	0.62	0.62
pH (field measurement)	SU	6.17	6.10	6.10	6.56	6.56	6.30	6.30
Date Metals Analyzed	-	08/05/2006		11/05/2006		02/22/2007		06/03/2007
Date Organics Analyzed	-		11/08/2006		02/21/2007		06/04/2007	
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L	0.0238		0.0151		0.0148		0.0194
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.0094		0.0086		0.01		0.008
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L	0.0142						0.0056
Zinc	mg/L							
Zinc (unfiltered)	mg/L							0.0564
Oxidation-Reduction Potential	mV	261.2	119.9	119.9	116.1	116.1	83.2	83.2
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112
	Sample ID	1174248	1187389	1187389	1197388	1197388	1206374	1206374
	Sample Date	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007	05/25/2007	05/25/2007
	Sample Time	11:30	09:45	09:45	10:20	10:20	12:00	12:00
	Sample Depth	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0	25.00' - 35.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-04	SA53561-11	SA53561-12	SA58200-05	SA58200-06	SA62837-05	SA62837-06
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L		2.9		3.5		7.2	
Trichloroethylene	ug/L						1.7	
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-113	MW-113	MW-113	MW-113	MW-114	MW-114	MW-114
	Sample ID	1174249	1187381	1197679	1206360	1174235	1174235	1187397
	Sample Date	07/28/2006	10/30/2006	02/16/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	13:40	13:58	13:45	13:50	11:00	11:00	12:00
	Sample Depth	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-20	SA53519-06	SA58353-08	SA62755-13	SA48857-01	SA48857-02	SA53519-17
Constituent	Units							
Depth of Well	Ft				39.98			
Depth to Water	Ft	33.0	33.35	33.85	33.83	30.4	30.4	30.98
Oxygen, Dissolved (field)	mg/L	5.18			5.07	1.67	1.67	2.39
Specific Conductivity (field)	uS/cm	464	605		463	839	839	113
Temperature	C	29.12	17.21		17.63	19.35	19.35	16.65
Turbidity (field)	NTU	2.5	4.67		3.03	2.05	2.05	0.42
pH (field measurement)	SU	6.25	5.99		6.64	6.34	6.34	6.12
Date Metals Analyzed	-	08/05/2006	11/04/2006	02/27/2007	05/31/2007		08/05/2006	
Date Organics Analyzed	-					08/04/2006		11/08/2006
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L	0.0190	0.0222	0.0318	0.0302		0.0754	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L			0.0068				
Copper	mg/L							
Copper (unfiltered)	mg/L	0.0059						
Lead (unfiltered)	mg/L			0.0102				
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L						0.0058	
Zinc	mg/L							
Zinc (unfiltered)	mg/L						0.0916	
Oxidation-Reduction Potential	mV	188.8	118.4		148.3	180.8	180.8	156.4
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-113	MW-113	MW-113	MW-113	MW-114	MW-114	MW-114
	Sample ID	1174249	1187381	1197679	1206360	1174235	1174235	1187397
	Sample Date	07/28/2006	10/30/2006	02/16/2007	05/23/2007	07/27/2006	07/27/2006	10/30/2006
	Sample Time	13:40	13:58	13:45	13:50	11:00	11:00	12:00
	Sample Depth	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	30.00' - 40.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-20	SA53519-06	SA58353-08	SA62755-13	SA48857-01	SA48857-02	SA53519-17
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L					2.8		1
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L					2.0		
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114
	Sample ID	1187397	1197407	1197407	1197408	1197408	1206359	1206359
	Sample Date	10/30/2006	02/15/2007	02/15/2007	02/15/2007	02/15/2007	05/23/2007	05/23/2007
	Sample Time	12:00	13:20	13:20	13:20	13:20	12:00	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-18	SA58280-07	SA58280-08	SA58280-12	SA58280-13	SA62755-10	SA62755-11
Constituent	Units							
Depth of Well	Ft						37.82	37.82
Depth to Water	Ft	30.98	30.14	30.14	30.14	30.14	30.98	30.98
Oxygen, Dissolved (field)	mg/L	2.39					1.33	1.33
Specific Conductivity (field)	uS/cm	113					1050	1050
Temperature	C	16.65					16.27	16.27
Turbidity (field)	NTU	0.42					2.11	2.11
pH (field measurement)	SU	6.12					6.10	6.10
Date Metals Analyzed	-	11/04/2006		02/23/2007		02/23/2007	06/12/2007	05/31/2007
Date Organics Analyzed	-		02/23/2007		02/23/2007		06/04/2007	
Arsenic (unfiltered)	mg/L							0.0044
Barium	mg/L						0.184	
Barium (unfiltered)	mg/L	0.024		0.158		0.149		0.21
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							0.007
Copper	mg/L							
Copper (unfiltered)	mg/L							0.0088
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L			0.0054		0.0056		0.0087
Zinc	mg/L						0.005	
Zinc (unfiltered)	mg/L							
Oxidation-Reduction Potential	mV	156.4					539.6	539.6
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114
	Sample ID	1187397	1197407	1197407	1197408	1197408	1206359	1206359
	Sample Date	10/30/2006	02/15/2007	02/15/2007	02/15/2007	02/15/2007	05/23/2007	05/23/2007
	Sample Time	*12:00*	*13:20*	*13:20*	*13:20*	*13:20*	*12:00*	*12:00*
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53519-18	SA58280-07	SA58280-08	SA58280-12	SA58280-13	SA62755-10	SA62755-11
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L		5.4		5.5		5.1	
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L		2.0		2.1		2.1	
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
	Sample ID	1174239	1174239	1187380	1187380	1197681	1197681	1206362
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/23/2007
	Sample Time	14:40	14:40	12:43	12:43	10:50	10:50	12:05
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-18	SA48857-19	SA53519-03	SA53519-04	SA58353-11	SA58353-12	SA62755-03
Constituent	Units							
Depth of Well	Ft							37.90
Depth to Water	Ft	30.42	30.42	31.58	31.58	31.35	31.35	30.22
Oxygen, Dissolved (field)	mg/L	5.39	5.39					2.97
Specific Conductivity (field)	uS/cm	530	530	1385	1385			583
Temperature	C	16.60	16.60	15.11	15.11			16.49
Turbidity (field)	NTU	0.00	0.00	0.83	0.83			1.73
pH (field measurement)	SU	5.80	5.80	5.88	5.88			6.08
Date Metals Analyzed	-		08/05/2006		11/04/2006	03/07/2007	02/27/2007	
Date Organics Analyzed	-	08/04/2006		11/07/2006		02/24/2007		06/04/2007
Arsenic (unfiltered)	mg/L							
Barium	mg/L					0.112		
Barium (unfiltered)	mg/L		0.0682		0.0751		0.105	
Cadmium	mg/L					0.0058		
Cadmium (unfiltered)	mg/L		0.0042				0.0054	
Chromium, Total	mg/L					0.792		
Chromium, Total (unfiltered)	mg/L		0.622		0.298		0.774	
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L					1.21		
Nickel (unfiltered)	mg/L		0.660		0.802		1.25	
Zinc	mg/L					0.0178		
Zinc (unfiltered)	mg/L		0.0726					
Oxidation-Reduction Potential	mV	203.0	203.0	128.3	128.3			151.9
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L			2.5				

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
	Sample ID	1174239	1174239	1187380	1187380	1197681	1197681	1206362
	Sample Date	07/27/2006	07/27/2006	10/30/2006	10/30/2006	02/16/2007	02/16/2007	05/23/2007
	Sample Time	14:40	14:40	12:43	12:43	10:50	10:50	12:05
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48857-18	SA48857-19	SA53519-03	SA53519-04	SA58353-11	SA58353-12	SA62755-03
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L					34.6		
1,1,1-Trichloroethane	ug/L	4.1		34.4		6.3		5.6
1,1,2-Trichlorotrifluoroethane	ug/L	2.5		10.2		6.1		
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L	1.7		8.1		3.5		2.3
1,1-Dichloroethylene	ug/L	10.9		41.1		16.8		12.6
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L	51.5		154		89.6		71.5
Trichloroethylene	ug/L	4.1		16.6		6.9		5.7
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L	5.2		14.4		8.5		6.6
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L	5.2		14.4		8.5		6.6
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D
	Sample ID	1206362	1174246	1174246	1187394	1187394	1197386	1197386
	Sample Date	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:05	10:20	10:20	09:55	09:55	13:20	13:20
	Sample Depth	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-04	SA48865-05	SA48865-06	SA53561-02	SA53561-04	SA58200-03	SA58200-04
Constituent	Units							
Depth of Well	Ft	37.90	58.24	58.24			84.45	84.45
Depth to Water	Ft	30.22	29.95	29.95			48.29	48.29
Oxygen, Dissolved (field)	mg/L	2.97	3.47	3.47	1.46	1.46	0.87	0.87
Specific Conductivity (field)	uS/cm	583	382	382	509	509	324	324
Temperature	C	16.49	19.03	19.03	14.36	14.36	12.68	12.68
Turbidity (field)	NTU	1.73	1.53	1.53	0.71	0.71	2.65	2.65
pH (field measurement)	SU	6.08	5.95	5.95	6.08	6.08	6.08	6.08
Date Metals Analyzed	-	05/31/2007		08/05/2006		11/05/2006		02/22/2007
Date Organics Analyzed	-		08/04/2006		11/08/2006		02/21/2007	
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L	0.088		0.0607		0.0789		0.0616
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L	0.004						
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.61						
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L	0.774						
Zinc	mg/L							
Zinc (unfiltered)	mg/L							
Oxidation-Reduction Potential	mV	151.9	222.4	222.4	129.8	129.8	187.5	187.5
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D	MW-116D
	Sample ID	1206362	1174246	1174246	1187394	1187394	1197386	1197386
	Sample Date	05/23/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007
	Sample Time	12:05	10:20	10:20	09:55	09:55	13:20	13:20
	Sample Depth	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62755-04	SA48865-05	SA48865-06	SA53561-02	SA53561-04	SA58200-03	SA58200-04
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L		6.9		7.7		7.3	
Vinyl Chloride	ug/L		7.2		8.3		7.3	
Tetrachloroethylene	ug/L							
Trichloroethylene	ug/L		1.2		1.2		1.2	
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L		1.6		1.9		1.9	
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L		1.6		1.9		1.9	
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116D	MW-116D	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1206367	1206367	1174247	1174247	1174264	1174264	1187395
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	07/28/2006	07/28/2006	10/31/2006
	Sample Time	10:20	10:20	11:05	11:05	11:05	11:05	12:30
	Sample Depth	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-01RE1	SA62709-02	SA48865-07	SA48865-09	SA48865-11	SA48865-13	SA53561-01
Constituent	Units							
Depth of Well	Ft	57.5	57.5	34.90	34.90	34.90	34.90	
Depth to Water	Ft	29.2	29.2	28.95	28.95	28.95	28.95	
Oxygen, Dissolved (field)	mg/L	NT	NT	7.33	7.33	7.33	7.33	8.40
Specific Conductivity (field)	uS/cm	353	353	256	256	256	256	202
Temperature	C	15.46	15.46	18.00	18.00	18.00	18.00	15.08
Turbidity (field)	NTU	1.20	1.20	0.75	0.75	0.75	0.75	19.8
pH (field measurement)	SU	6.11	6.11	4.72	4.72	4.72	4.72	6.43
Date Metals Analyzed	-		06/01/2007		08/05/2006		08/05/2006	
Date Organics Analyzed	-	06/06/2007		08/04/2006		08/04/2006		11/07/2006
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L		0.0604		0.0310		0.0282	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L				0.0052		0.0052	
Copper	mg/L							
Copper (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L		0.0068					
Oxidation-Reduction Potential	mV	157.9	157.9	59.8	59.8	59.8	59.8	144.6
Acetone	ug/L							30.6
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116D	MW-116D	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1206367	1206367	1174247	1174247	1174264	1174264	1187395
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	07/28/2006	07/28/2006	10/31/2006
	Sample Time	10:20	10:20	11:05	11:05	11:05	11:05	12:30
	Sample Depth	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-01RE1	SA62709-02	SA48865-07	SA48865-09	SA48865-11	SA48865-13	SA53561-01
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L	5.1						
Vinyl Chloride	ug/L	4.8						
Tetrachloroethylene	ug/L			2.0		1.8		1.7
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L	1.6						
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L	1.6						
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1187395	1197400	1197400	1206368	1206368	1206375	1206375
	Sample Date	10/31/2006	02/15/2007	02/15/2007	05/24/2007	05/24/2007	05/24/2007	05/24/2007
	Sample Time	12:30	10:40	10:40	11:40	11:40	11:40	11:40
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-03	SA58280-01	SA58280-02	SA62709-03	SA62709-04	SA62709-08	SA62709-09
Constituent	Units							
Depth of Well	Ft		34.15	34.15	34.2	34.2	34.2	34.2
Depth to Water	Ft		29.60	29.60	28.9	28.9	28.4	28.4
Oxygen, Dissolved (field)	mg/L	8.40	3.06	3.06	5.05	5.05	5.05	5.05
Specific Conductivity (field)	uS/cm	202	333	333	215	215	215	215
Temperature	C	15.08	12.30	12.30	15.52	15.52	15.52	15.52
Turbidity (field)	NTU	19.8	8.44	8.44	1.73	1.73	1.73	1.73
pH (field measurement)	SU	6.43	6.63	6.63	6.20	6.20	6.20	6.20
Date Metals Analyzed	-	11/05/2006		02/23/2007		06/02/2007		06/02/2007
Date Organics Analyzed	-		02/23/2007		06/05/2007		06/05/2007	
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L	0.0331		0.0305		0.0338		0.0336
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L	0.0052				0.006		0.0062
Copper	mg/L							
Copper (unfiltered)	mg/L					0.0051		0.005
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L							0.0316
Oxidation-Reduction Potential	mV	144.6	-28.0	-28.0	121.6	121.6	121.6	121.6
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S	MW-116S
	Sample ID	1187395	1197400	1197400	1206368	1206368	1206375	1206375
	Sample Date	10/31/2006	02/15/2007	02/15/2007	05/24/2007	05/24/2007	05/24/2007	05/24/2007
	Sample Time	12:30	10:40	10:40	11:40	11:40	11:40	11:40
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-03	SA58280-01	SA58280-02	SA62709-03	SA62709-04	SA62709-08	SA62709-09
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L		2.5		2.3		2.4	
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117S
	Sample ID	1174244	1187386	1187386	1197391	1197391	1206365	1174245
	Sample Date	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007	05/24/2007	07/28/2006
	Sample Time	10:30	09:40	09:40	14:40	14:40	12:10	12:20
	Sample Depth	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-10	SA53561-07	SA53561-08	SA58200-07	SA58200-08	SA62709-15	SA48865-16
Constituent	Units							
Depth of Well	Ft						52.17	37.92
Depth to Water	Ft	29.45	30.70	30.70	30.60	30.60	31.16	28.58
Oxygen, Dissolved (field)	mg/L	3.55	3.51	3.51	4.03	4.03	4.55	0.49
Specific Conductivity (field)	uS/cm	532	441	441	585	585	473	176
Temperature	C	16.18	13.00	13.00	11.21	11.21	13.09	16.82
Turbidity (field)	NTU	2.51	0.50	0.50	6.01	6.01	2.81	0.88
pH (field measurement)	SU	5.57	5.90	5.90	6.23	6.23	5.92	5.61
Date Metals Analyzed	-	08/05/2006		11/05/2006		02/22/2007	06/02/2007	08/05/2006
Date Organics Analyzed	-		11/08/2006		02/21/2007			
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L	0.122		0.123		0.122	0.108	0.0424
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L						0.0054	
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L						0.007	
Oxidation-Reduction Potential	mV	197.9	159.6	159.6	158.9	158.9	594.0	197.9
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117D	MW-117S
	Sample ID	1174244	1187386	1187386	1197391	1197391	1206365	1174245
	Sample Date	07/28/2006	10/31/2006	10/31/2006	02/13/2007	02/13/2007	05/24/2007	07/28/2006
	Sample Time	10:30	09:40	09:40	14:40	14:40	12:10	12:20
	Sample Depth	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	45.00' - 55.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA48865-10	SA53561-07	SA53561-08	SA58200-07	SA58200-08	SA62709-15	SA48865-16
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L							
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L		1.2		1.0			
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L		1.2		1.0			
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117S	MW-117S	MW-117S	MW-117S	MW-118D	MW-118D	MW-118D
	Sample ID	1187387	1187387	1197387	1206364	1174250	1187391	1197675
	Sample Date	10/31/2006	10/31/2006	02/13/2007	05/24/2007	07/28/2006	10/31/2006	02/16/2007
	Sample Time	11:50	11:50	15:10	10:20	13:55	13:30	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-05	SA53561-06	SA58200-02	SA62709-13	SA48865-18	SA53561-16	SA58353-02
Constituent	Units							
Depth of Well	Ft				37.64	59.25		59.19
Depth to Water	Ft	30.15	30.15	29.85	31.14	30.0	31.05	31.23
Oxygen, Dissolved (field)	mg/L	0.82	0.82	3.23	0.93	7.80	11.19	4.39
Specific Conductivity (field)	uS/cm	120	120	110	123	224	354	283
Temperature	C	15.32	15.32	11.76	14.54	18.78	15.49	12.17
Turbidity (field)	NTU	0.34	0.34	3.89	1.67	1.80	4.80	1.67
pH (field measurement)	SU	5.81	5.81	6.06	5.60	4.25	5.58	7.83
Date Metals Analyzed	-		11/05/2006	02/22/2007	06/02/2007	08/05/2006	11/05/2006	02/27/2007
Date Organics Analyzed	-	11/08/2006						
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L		0.0336	0.0407	0.0503	0.0283	0.0239	0.0250
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L				0.0058			
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L				0.0116			
Oxidation-Reduction Potential	mV	170.9	170.9	172.1	549.3	49.8	143.4	-16.8
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-117S	MW-117S	MW-117S	MW-117S	MW-118D	MW-118D	MW-118D
	Sample ID	1187387	1187387	1197387	1206364	1174250	1187391	1197675
	Sample Date	10/31/2006	10/31/2006	02/13/2007	05/24/2007	07/28/2006	10/31/2006	02/16/2007
	Sample Time	11:50	11:50	15:10	10:20	13:55	13:30	12:00
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA53561-05	SA53561-06	SA58200-02	SA62709-13	SA48865-18	SA53561-16	SA58353-02
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L	2.3						
Trichloroethylene	ug/L							
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118D	MW-118D	MW-118S	MW-118S	MW-118S	MW-118S	MW-118S
	Sample ID	1206366	1206366	1174251	1174251	1187390	1187390	1197676
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007
	Sample Time	13:40	13:40	13:40	13:40	11:50	11:50	11:00
	Sample Depth	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-16	SA62709-17	SA48865-21	SA48865-22	SA53561-13	SA53561-14	SA58353-03
Constituent	Units							
Depth of Well	Ft	59.94	59.94	36.45	36.45			36.27
Depth to Water	Ft	31.18	31.18	29.75	29.75	30.95	30.95	31.06
Oxygen, Dissolved (field)	mg/L	7.70	7.70	8.42	8.42	13.32	13.32	3.49
Specific Conductivity (field)	uS/cm	151	151	1424	1424	1472	1472	590
Temperature	C	12.82	12.82	17.70	17.70	15.59	15.59	12.15
Turbidity (field)	NTU	4.23	4.23	1.30	1.30	0.79	0.79	4.17
pH (field measurement)	SU	6.91	6.91	5.50	5.50	5.54	5.54	5.86
Date Metals Analyzed	-		06/02/2007		08/05/2006		11/05/2006	
Date Organics Analyzed	-	06/06/2007		08/05/2006		11/08/2006		02/24/2007
Arsenic (unfiltered)	mg/L							
Barium	mg/L							
Barium (unfiltered)	mg/L		0.035		0.457		0.19	
Cadmium	mg/L							
Cadmium (unfiltered)	mg/L							
Chromium, Total	mg/L							
Chromium, Total (unfiltered)	mg/L							
Copper	mg/L							
Copper (unfiltered)	mg/L		0.0082					
Lead (unfiltered)	mg/L							
Mercury (unfiltered)	mg/L							
Nickel	mg/L							
Nickel (unfiltered)	mg/L							
Zinc	mg/L							
Zinc (unfiltered)	mg/L		0.0104					
Oxidation-Reduction Potential	mV	656.1	656.1	277.7	277.7	136.9	136.9	142.1
Acetone	ug/L							
1,2,4-Trichlorobenzene	ug/L							
o-Dichlorobenzene	ug/L							

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118D	MW-118D	MW-118S	MW-118S	MW-118S	MW-118S	MW-118S
	Sample ID	1206366	1206366	1174251	1174251	1187390	1187390	1197676
	Sample Date	05/24/2007	05/24/2007	07/28/2006	07/28/2006	10/31/2006	10/31/2006	02/16/2007
	Sample Time	13:40	13:40	13:40	13:40	11:50	11:50	11:00
	Sample Depth	50.00' - 60.0	50.00' - 60.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec	Spec	Spec	Spec	Spec
	Lab. Number	SA62709-16	SA62709-17	SA48865-21	SA48865-22	SA53561-13	SA53561-14	SA58353-03
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L	2.8						
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L			6.8		7.2		10.4
Trichloroethylene	ug/L			2.3		2		3.4
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							
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Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118S	MW-118S	MW-118S
	Sample ID	1197676	1206369	1206369
	Sample Date	02/16/2007	05/24/2007	05/24/2007
	Sample Time	11:00	13:30	13:30
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0
	Laboratory	Spec	Spec	Spec
	Lab. Number	SA58353-04	SA62709-05	SA62709-06
Constituent	Units			
Depth of Well	Ft	36.27	36.30	36.30
Depth to Water	Ft	31.06	29.53	29.53
Oxygen, Dissolved (field)	mg/L	3.49	NT	NT
Specific Conductivity (field)	uS/cm	590	749	749
Temperature	C	12.15	14.16	14.16
Turbidity (field)	NTU	4.17	2.18	2.18
pH (field measurement)	SU	5.86	5.98	5.98
Date Metals Analyzed	-	02/27/2007		06/02/2007
Date Organics Analyzed	-		06/05/2007	
Arsenic (unfiltered)	mg/L			
Barium	mg/L			
Barium (unfiltered)	mg/L	0.179		0.215
Cadmium	mg/L			
Cadmium (unfiltered)	mg/L			
Chromium, Total	mg/L			
Chromium, Total (unfiltered)	mg/L	0.0060		
Copper	mg/L			
Copper (unfiltered)	mg/L			0.006
Lead (unfiltered)	mg/L			
Mercury (unfiltered)	mg/L			
Nickel	mg/L			
Nickel (unfiltered)	mg/L			
Zinc	mg/L			
Zinc (unfiltered)	mg/L			
Oxidation-Reduction Potential	mV	142.1	214.0	214.0
Acetone	ug/L			
1,2,4-Trichlorobenzene	ug/L			
o-Dichlorobenzene	ug/L			

Table 3-3
SUMMARY OF CONSTITIUENTS DETECTED IN GROUNDWATER
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-118S	MW-118S	MW-118S				
	Sample ID	1197676	1206369	1206369				
	Sample Date	02/16/2007	05/24/2007	05/24/2007				
	Sample Time	11:00	13:30	13:30				
	Sample Depth	28.00' - 38.0	28.00' - 38.0	28.00' - 38.0				
	Laboratory	Spec	Spec	Spec				
	Lab. Number	SA58353-04	SA62709-05	SA62709-06				
Constituent	Units							
Butyl alcohol, tert-	ug/L							
p-Dioxane	ug/L							
1,1,1-Trichloroethane	ug/L							
1,1,2-Trichlorotrifluoroethane	ug/L							
1,1-Dichloroethane	ug/L							
1,2-Dichloroethane	ug/L							
1,1-Dichloroethylene	ug/L							
cis-1,2-Dichloroethylene	ug/L							
Vinyl Chloride	ug/L							
Tetrachloroethylene	ug/L		8.5					
Trichloroethylene	ug/L		2.5					
Bromomethane	ug/L							
Dichlorodifluoromethane	ug/L							
Chloroform	ug/L							
Trichlorofluoromethane	ug/L							
Total Trihalomethanes (Calc.)	ug/L							
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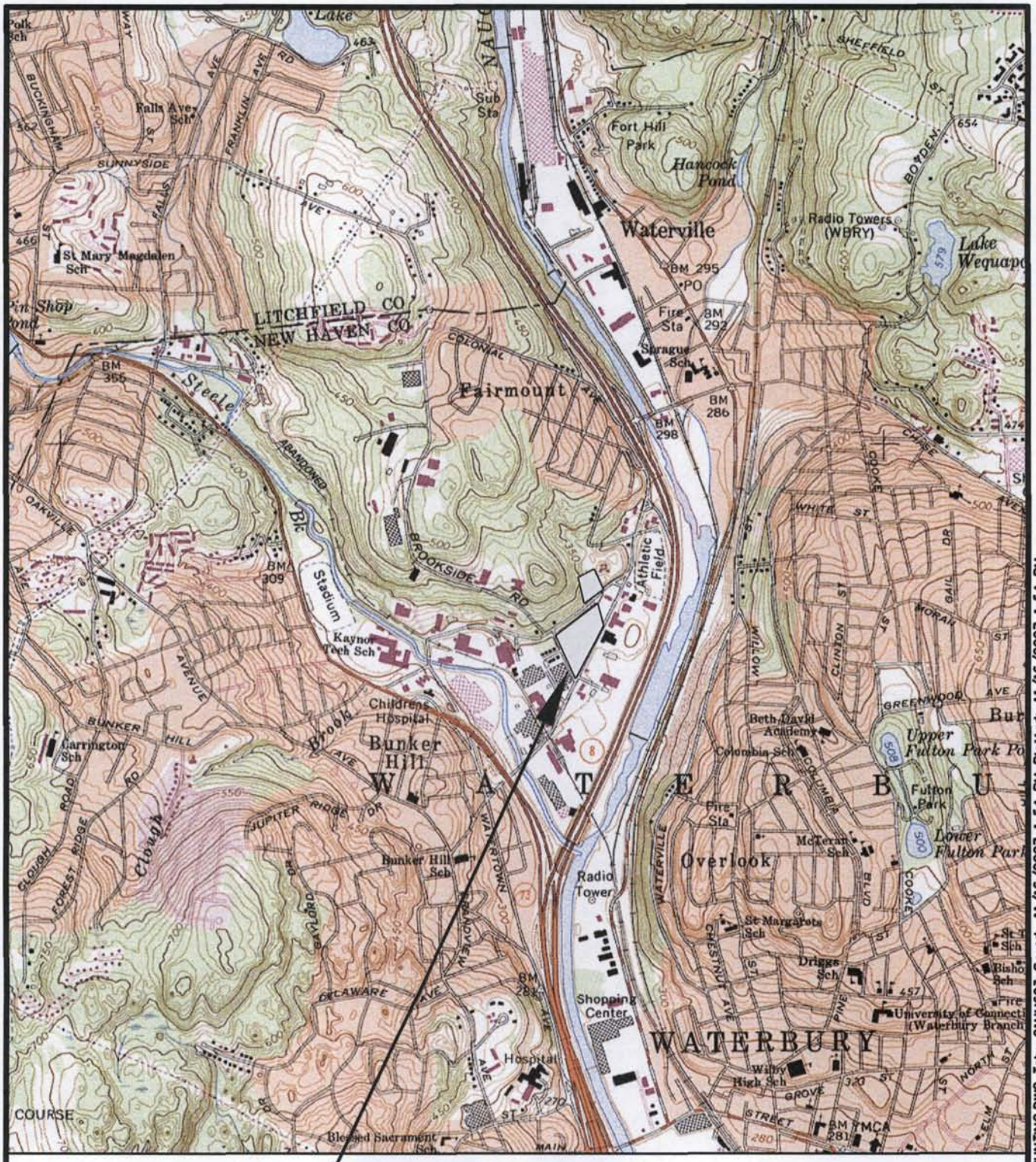
Table 4-1
EXCEEDANCES OF CT PROPOSED RESIDENTIAL VOLATILIZATION CRITERIA
MacDermid - Huntingdon Avenue, Waterbury, Connecticut

Loureiro Engineering Associates, Inc.

	Location ID	MW-115	MW-116D	MW-116D	MW-116D	MW-116D		
	Sample ID	1187380	1174246	1187394	1197386	1206367		
	Sample Date	10/30/2006	07/28/2006	10/31/2006	02/13/2007	05/24/2007		
	Sample Time	12:43	10:20	09:55	13:20	10:20		
	Sample Depth	28.00' - 38.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0	50.00' - 60.0		
	Laboratory	Spec	Spec	Spec	Spec	Spec		
	Lab. Number	SA53519-03	SA48865-05	SA53561-02	SA58200-03	SA62709-01RE1		
Constituent	Units							
Depth of Well	Ft		58.24		84.45	57.5		
Depth to Water	Ft	31.58	29.95		48.29	29.2		
Date Organics Analyzed	-	11/07/2006	08/04/2006	11/08/2006	02/21/2007	06/06/2007		
1,2-Dichloroethane	ug/L	8.1						
Vinyl Chloride	ug/L		7.2	8.3	7.3	4.8		

FIGURES

FIGURE



MAP REFERENCE:
USGS 7.5 MINUTE SERIES QUADRANGLE
WATERBURY, CONN. DATED 1968 AND
REVISED 1994

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SCALE IN FEET

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QUARTERLY GROUNDWATER MONITORING
MacDermid, INC., 526 HUNTINGDON AVE., WATERBURY, CT

LOCATION MAP
USGS TOPOGRAPHIC MAP

Comm.No.		
91MH603	**FIGURE 1-1**	LEA

G:\AUTOCAD\PROJECTS\MACDERMID\USGS-HUNTING.DWG Tab: 91MH603 Saved: 11/16/2007 1:54 PM Plotted: 11/16/2007 1:54 PM

DRAWINGS

DRAWING

Groundwater Elevation Data
July 28, 2006

Monitoring Well and Piezometer ID	Reference Elevation (ft)	Depth to Water (fbg)	Groundwater Elevation (ft)	LNAPL[2] Thickness (ft)
MW-101[1]	-----	4.31	-----	0.00
MW-102[1]	-----	25.58	-----	0.00
MW-103	962.70	29.69	933.01	0.0
MW-105	963.31	31.14	932.17	0.0
MW-108[1]	963.79	31.13	-----	0.48
MW-109	963.75	29.66	934.09	0.0
MW-110	964.05	30.75	933.30	0.0
MW-111	961.92	30.39	931.53	0.0
MW-112	962.54	29.57	932.97	0.0
MW-113	964.01	32.93	931.08	0.0
MW-114	962.02	30.5	931.52	0.0
MW-115	962.69	30.41	932.28	0.0
MW-116S	962.40	28.85	933.55	0.0
MW-116D[1]	962.41	29.85	-----	0.0
MW-117S	962.55	28.05	934.50	0.0
MW-117D[1]	962.42	29.26	-----	0.0
MW-118S	962.22	29.72	932.50	0.0
MW-118D[1]	962.38	30.06	-----	0.0
PZ-01	960.60	28.64	931.96	0.0
PZ-02	968.00	35.16	932.84	0.0
PZ-03	967.87	33.94	933.93	0.0
PZ-04[1]	962.84	37.25	-----	7.71

NOTES:
THE REFERENCE POINT FOR MEASUREMENT IS THE TOP OF THE PVC RISER.
1 NOT USED TO GENERATE GROUNDWATER CONTOURS.
2 LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

MW-101	7/26/2006
Constituent	26.00' – 36.0
METAL	--
Zn (unfiltered)	0.123
VOCs	ND

MW-102	7/27/2006
Constituent	21.70' – 31.7
METAL	--
Ba (unfiltered)	0.0148
Cd (unfiltered)	*0.015*
Cu (unfiltered)	0.0112
Ni (unfiltered)	0.0237
Zn (unfiltered)	*0.127*
VOCs	ND

MW-103	7/27/2006
Constituent	25.00' – 35.0
METAL	--
Ba (unfiltered)	0.0428
Zn (unfiltered)	0.075
VOCs	ND

MW-105	7/27/2006
Constituent	27.00' – 37.0
METAL	--
Ba (unfiltered)	0.0244
Cd (unfiltered)	0.0026
Zn (unfiltered)	0.091
VOCs	--
PCE	8.4
TCFM	6.6

MW-109	7/27/2006
Constituent	25.00' – 35.0
METAL	--
Ba (unfiltered)	0.0587
Cr (unfiltered)	0.0142
Cu (unfiltered)	*0.390*
Ni (unfiltered)	0.41
Zn (unfiltered)	0.105
VOCs	--
PCE	1.7

MW-110	7/28/2006
Constituent	
METAL	--
Ba (unfiltered)	0.0113
Cr (unfiltered)	0.0086
Cu (unfiltered)	*1.25*
Ni (unfiltered)	0.0269
VOCs	--
PCE	6.3
MB	4.2

MW-111	7/27/2006
Constituent	25.00' – 35.0
METAL	--
Ba (unfiltered)	0.0623
Ni (unfiltered)	0.0072
Zn (unfiltered)	0.0698
VOCs	--
PCE	2.5
DDM	2.9

MW-112	7/28/2006
Constituent	25.00' – 35.0
METAL	--
Ba (unfiltered)	0.0238
Cr (unfiltered)	0.0094
Ni (unfiltered)	0.0142
VOCs	--
PCE	3.9

MW-113	7/28/2006
Constituent	30.00' – 40.0
METAL	--
Ba (unfiltered)	0.019
Cu (unfiltered)	0.0059
VOCs	ND

MW-114	7/27/2006
Constituent	28.00' – 38.0
METAL	--
Ba (unfiltered)	0.0754
Ni (unfiltered)	0.0058
Zn (unfiltered)	0.0916
VOCs	--
PCE	2.8
DDM	2

MW-115	7/27/2006
Constituent	28.00' – 38.0
METAL	--
Ba (unfiltered)	0.0682
Cd (unfiltered)	0.0042
Cr (unfiltered)	0.622
Ni (unfiltered)	0.66
Zn (unfiltered)	0.0726
VOCs	--
TCA	4.1
112TCTFE	2.5
12DCA	1.7
11DCE	*10.9*
PCE	51.5
TCE	4.1
CFM	5.2

MW-116D	7/28/2006
Constituent	50.00' – 60.0
METAL	--
Ba (unfiltered)	0.0607
VOCs	--
CDCE	6.9
VC	*7.2*
TCE	1.2
CFM	1.6

MW-116S	7/28/2006
Constituent	28.00' – 38.0
METAL	--
Ba (unfiltered)	0.0310;0.0282
Cr (unfiltered)	0.0052;0.0052
VOCs	--;--
PCE	2.0;1.8

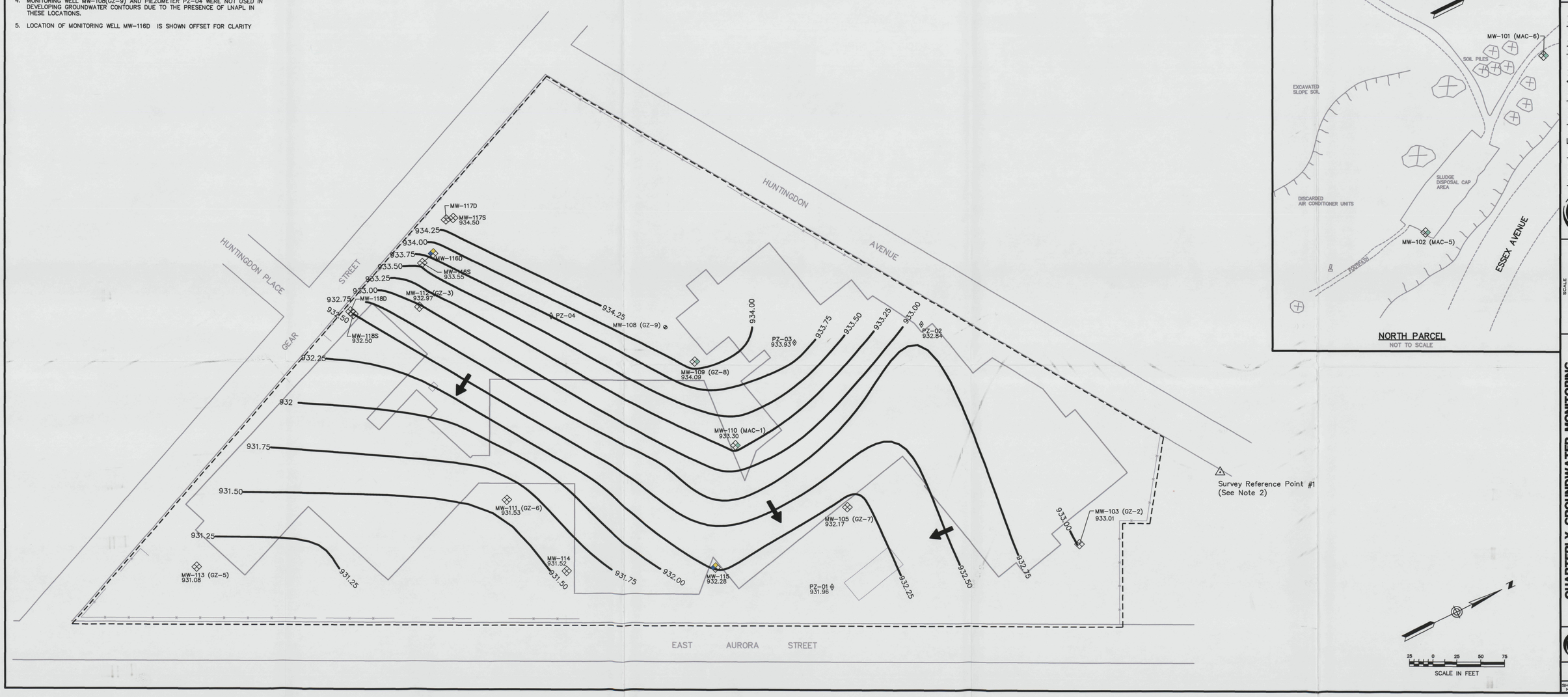
MW-117D	7/28/2006
Constituent	45.00' – 55.0
METAL	--
Ba (unfiltered)	0.122
VOCs	ND

MW-117S	7/28/2006
Constituent	28.00' – 38.0
METAL	--
Ba (unfiltered)	0.0424
VOCs	ND

MW-118D	7/28/2006
Constituent	50.00' – 60.0
METAL	--
Ba (unfiltered)	0.0283
VOCs	ND

MW-118S	7/28/2006
Constituent	28.00' – 38.0
METAL	--
Ba (unfiltered)	0.457
VOCs	--
PCE	6.8
TCE	2.3

NOTES:
1. "STORMWATER POLLUTION PREVENTION PLAN – SITE PLAN"; SCALE 1" = 40'; DATED JANUARY 2002; BY HRP ASSOCIATES, INC.
2. LOCATIONS OF MONITORING WELLS, PIEZOMETERS AND BUILDINGS, ON THE SOUTH PARCEL, WERE SURVEYED AUGUST 2004 BY DAVID LITTLE L.S. THE BENCHMARK DEPICTED HEREON ARE BASED UPON AN ASSUMED DATUM HAVING AN ELEVATION OF 962.77 FEET.
3. MONITORING WELLS MW-104(MAC-7), MW-106(MAC-4) AND MW-107(MAC-3) WERE PREVIOUSLY DESTROYED AND ARE NOT SHOWN.
4. MONITORING WELL MW-108(GZ-9) AND PIEZOMETER PZ-04 WERE NOT USED IN DEVELOPING GROUNDWATER CONTOURS DUE TO THE PRESENCE OF LNAPL IN THESE LOCATIONS.
5. LOCATION OF MONITORING WELL MW-116D IS SHOWN OFFSET FOR CLARITY



LOCATION IDENTIFIER

DATA BLOCK LEGEND

SAMPLE DATE

MW-103	07/27/2006
Constituent	98.50' – 103.
METALs	--
Cd	*0.0115*
Cu	3.00
Pb	*0.0068*
Ni	0.466
Zn	*1.67*
VOCs	--
CFM	0.6 L
TCE	267

- SCREENED INTERVAL
- DASH INDICATES DETECT(S) IN CONSTITUENT GROUP (SPECIFIC COMPOUNDS ARE IDENTIFIED BELOW)
- ITALICIZED AND RED COLORED CONSTITUENT CONCENTRATION INDICATES AN EXCEEDANCE OF THE DEFAULT NUMERIC RSR CRITERIA
- "L" IS A CONSTITUENT CONCENTRATION QUALIFIER
- YELLOW HIGHLIGHTED CONSTITUENT CONCENTRATION INDICATES AN EXCEEDANCE OF THE 2003 DRAFT VOLATILIZATION CRITERIA

NOTES:

1. THE RESPECTIVE UNITS, IN WHICH QUANTIFIABLE CONCENTRATIONS ARE DETECTED, ARE AS FOLLOWS: PCBs VOCs AND SVOCs –MICROGRAMS PER LITER (µg/L) CTETPH AND METALS – MILLIGRAMS PER LITER (mg/L).
2. VOCs CATEGORY REFERS TO COMPOUNDS DETECTED USING EPA METHOD 8260.
3. ND INDICATES NONE DETECTED

ABBREVIATIONS

VOCs

112TCTFE	1,1,2–Trichlorotrifluoroethane
11DCE	1,1–Dichloroethylene
12DCA	1,2–Dichloroethane
CDCE	Cis–1,2–Dichloroethylene
CFM	Chloroform
DDM	Dichlorodifluoromethane
MB	Bromomethane
4PCE	Tetrachloroethylene
TCA	1,1,1–Trichloroethane
TCE	Trichloroethylene
TCFM	Trichlorofluoromethane
VC	Vinyl chloride

METALs

Ba	Barium
Cd	Cadmium
Cr	Chromium
Cu	Copper
Ni	Nickel
Zn	Zinc

MISCELLANEOUS

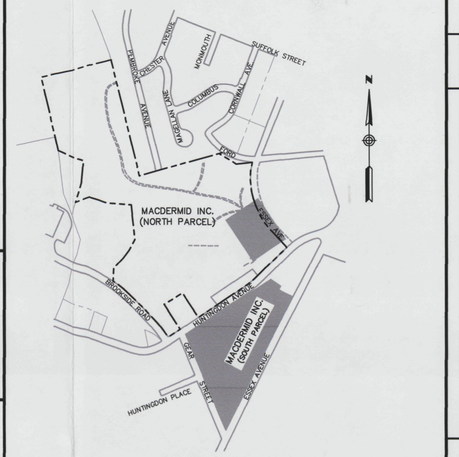
LNAPL LIGHT NON–AQUEOUS PHASE LIQUID

LEGEND

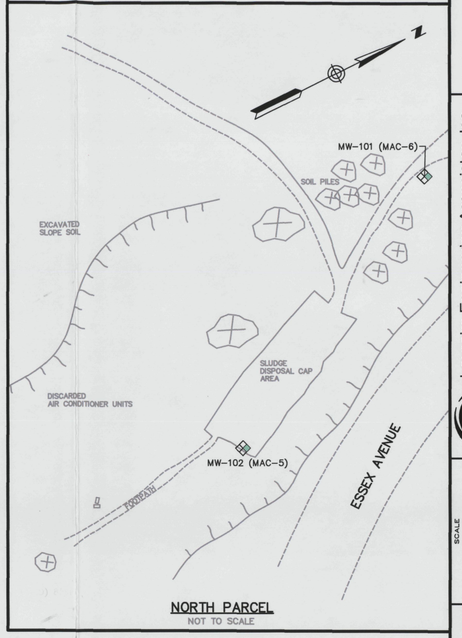
- APPROXIMATE AREA BOUNDARY
- MW-115 930.64 – MONITORING WELL LOCATION AND GROUNDWATER ELEVATION
- PZ–03 931.31 – PIEZOMETER LOCATION AND GROUNDWATER ELEVATION
- GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- SAMPLE W/ DETECT BUT NO EXCEEDANCES
- SAMPLE ANALYZED BUT NO DETECTS

GROUNDWATER EXCEEDANCES

INDUSTRIAL / COMMERCIAL VOLATILIZATION CRITERIA (IVC)
RESIDENTIAL VOLATILIZATION CRITERIA (RVC) | SURFACE WATER (SWPC) PROTECTION CRITERIA
GROUNDWATER PROTECTION CRITERIA (GWPC)



KEY MAP
NOT TO SCALE



NORTH PARCEL
NOT TO SCALE

REV.	DESCRIPTION OF REVISION	DATE	APPR.

Loureiro Engineering Associates, Inc.
100 Northwest Drive Plainville, Connecticut 06062
An Employee Owned Company

SCALE 1" = 50'
COMM. NO. 91MH603
DRAWN BY J.A.M. DATE 2/7/07
APP. BY T.J.S. DATE 2/7/07

QUARTERLY GROUNDWATER MONITORING
MacDERMID, INC., 526 HUNTINGDON AVE, WATERBURY, CT
CONSTITUENTS DETECTED IN GROUNDWATER AND GROUNDWATER CONTOUR MAP – JULY 2006

LEA An Employee Owned Company

DRAWING 1-1
SHEET NO. 1 NO. OF SHEETS 1

© LEA/LOCAD PROJECTS\MACDERMID\SYMBOLS\SYMBOLS-SOUTH-07.DWG Tab: 1 Saved: 2/7/2007 3:56 PM Plotted: 11/19/2007 11:03 AM

Groundwater Elevation Data
October 27, 2006

Monitoring Well and Piezometer ID	Reference Elevation (ft)	Depth to Water (fbg)	Groundwater Elevation (ft)	LNAPL[2] Thickness (ft)
MW-101[1]	-----	4.31	-----	0.00
MW-102[1]	-----	26.14	-----	0.00
MW-103	962.70	30.68	932.02	0.0
MW-105	963.31	32.00	931.31	0.0
MW-108[1]	963.79	33.40	-----	1.0
MW-109	963.75	31.68	932.07	0.0
MW-110	964.05	32.50	931.55	0.0
MW-111	961.92	31.27	930.65	0.0
MW-112	962.54	31.23	931.31	0.0
MW-113	964.01	33.78	930.23	0.0
MW-114	962.02	31.33	930.69	0.0
MW-115	962.69	31.65	931.04	0.0
MW-116S	962.40	30.87	931.53	0.0
MW-116D[1]	962.41	31.21	-----	0.0
MW-117S	962.55	30.36	932.19	0.0
MW-117D[1]	962.42	30.99	-----	0.0
MW-118S	962.22	31.08	931.14	0.0
MW-118D[1]	962.38	31.27	-----	0.0
PZ-01	960.60	29.39	931.21	0.0
PZ-02	968.00	36.39	931.61	0.0
PZ-03[3]	967.87	-----	-----	-----
PZ-04[1]	962.84	35.5	-----	4.3

NOTES:
THE REFERENCE POINT FOR MEASUREMENT IS THE TOP OF THE PVC RISER.
1 NOT USED TO GENERATE GROUNDWATER CONTOURS.
2 LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID
3 NOT MEASURED.

NOTES:

1. "STORMWATER POLLUTION PREVENTION PLAN - SITE PLAN"; SCALE 1" = 40'; DATED JANUARY 2002; BY HRP ASSOCIATES, INC.
2. LOCATIONS OF MONITORING WELLS, PIEZOMETERS AND BUILDINGS, ON THE SOUTHERN PARCEL, WERE SURVEYED AUGUST 2004 BY DAVID LITTLE L.S. THE BENCHMARK HEREON ARE BASED UPON AN ASSUMED DATUM HAVING AN ELEVATION OF 962.77 FEET.
3. MONITORING WELLS MW-104(MAC-7), MW-106(MAC-4) AND MW-107(MAC-3) WERE PREVIOUSLY DESTROYED AND ARE NOT SHOWN.
4. MONITORING WELL MW-108(GZ-9) AND PIEZOMETER PZ-04 WERE NOT USED IN DEVELOPING GROUNDWATER CONTOURS DUE TO THE PRESENCE OF LNAPL IN THESE LOCATIONS.
5. LOCATION OF MONITORING WELL MW-116D IS SHOWN OFFSET FOR CLARITY

MW-101	10/30/2006
Constituent	26.00' - 36.0
METAL	--
As (unfiltered)	*0.0066*
Ba (unfiltered)	0.0072
Cu (unfiltered)	*0.142*
Zn (unfiltered)	*1.59*
VOCs	ND

MW-102	10/30/2006
Constituent	21.70' - 31.7
METAL	--
Ni (unfiltered)	0.0194
VOCs	--
ACT	39

MW-103	10/30/2006
Constituent	25.00' - 35.0
METAL	--
Ba (unfiltered)	0.029
VOCs	ND

MW-105	10/30/2006
Constituent	27.00' - 37.0
METAL	--
Ba (unfiltered)	0.0136
VOCs	--
PCE	5.4
TCFM	8.5

MW-109	10/30/2006
Constituent	25.00' - 35.0
METAL	--;--;--
Ba	0.0385; 0.04
Ba (unfiltered)	0.0433; 0.0438
Cr (unfiltered)	0.0074; ND
Cu	*0.23; 0.249*
Cu (unfiltered)	*0.286; 0.284*
Ni	0.34; 0.352
Ni (unfiltered)	0.362; 0.358
Zn (unfiltered)	0.0797; ND
VOCs	--;--
124TCB	3.6; 3.2
TCA	1.2; 1.2
PCE	4.2; 4.4

MW-110	10/31/2006
Constituent	--
METAL	--
Ba (unfiltered)	0.0204
Cr (unfiltered)	0.0059
Cu (unfiltered)	*0.606*
Ni (unfiltered)	0.0127
VOCs	--
PCE	38.5

MW-111	10/30/2006
Constituent	25.00' - 35.0
METAL	--
Ba (unfiltered)	0.0216
VOCs	--
PCE	1.9
DDM	2.6

MW-112	10/31/2006
Constituent	25.00' - 35.0
METAL	--
Ba (unfiltered)	0.0151
Cr (unfiltered)	0.0086
VOCs	--
PCE	2.9

MW-113	10/30/2006
Constituent	30.00' - 40.0
METAL	--
Ba (unfiltered)	0.0222
VOCs	ND

MW-114	10/30/2006
Constituent	28.00' - 38.0
METAL	--
Ba (unfiltered)	0.024
VOCs	--
PCE	1

MW-115	10/30/2006
Constituent	28.00' - 38.0
METAL	--
Ba (unfiltered)	0.0751
Cr (unfiltered)	0.298
Ni (unfiltered)	0.802
VOCs	--
2DCB	2.5
TCA	34.4
112TCTFE	10.2
12DCA	*5.1*
11DCE	*41.1*
PCE	*154*
TCE	16.6
CFM	14.4

MW-116D	10/31/2006
Constituent	50.00' - 60.0
METAL	--
Ba (unfiltered)	0.0789
VOCs	--
CDCE	7.7
VC	*8.3*
TCE	1.2
CFM	1.9

MW-116S	10/31/2006
Constituent	28.00' - 38.0
METAL	--
Ba (unfiltered)	0.0331
Cr (unfiltered)	0.0052
VOCs	--
ACT	30.6
PCE	1.7

MW-117D	10/31/2006
Constituent	45.00' - 55.0
METAL	--
Ba (unfiltered)	0.123
VOCs	--
CFM	1.2

MW-117S	10/31/2006
Constituent	28.00' - 38.0
METAL	--
Ba (unfiltered)	0.0336
VOCs	--
PCE	2.3

MW-118D	10/31/2006
Constituent	50.00' - 60.0
METAL	--
Ba (unfiltered)	0.0239
VOCs	ND

MW-118S	10/31/2006
Constituent	28.00' - 38.0
METAL	--
Ba (unfiltered)	0.19
VOCs	--
PCE	7.2
TCE	2

DATA BLOCK LEGEND

LOCATION IDENTIFIER
SAMPLE DATE

MW-103	07/27/2006
Constituent	98.50' - 103.
METALs	--
Cd	*0.0115*
Cu	3.00
Pb	*0.0066*
Ni	0.466
Zn	*1.87*
VOCs	--
CFM	0.6
TCE	287

- SCREENED INTERVAL
- DASH INDICATES DETECT(S) IN CONSTITUENT GROUP (SPECIFIC COMPOUNDS ARE IDENTIFIED BELOW)
- ITALICIZED AND RED COLORED CONSTITUENT CONCENTRATION INDICATES AN EXCEEDANCE OF THE DEFAULT NUMERIC RSR CRITERIA
- YELLOW HIGHLIGHTED CONSTITUENT CONCENTRATION INDICATES AN EXCEEDANCE OF THE 2003 DRAFT VOLATILIZATION CRITERIA

NOTES:

1. THE RESPECTIVE UNITS, IN WHICH QUANTIFIABLE CONCENTRATIONS ARE DETECTED, ARE AS FOLLOWS: PCBs, SVOCs AND VOCs - MICROGRAMS PER LITER (µg/L). CTETPH AND METALs - MILLIGRAMS PER LITER (mg/L)
2. VOCs CATEGORY REFERS TO COMPOUNDS DETECTED USING EPA METHOD 8260.
3. ND INDICATES NONE DETECTED

ABBREVIATIONS

VOCs

112TCTFE	1,1,2-Trichlorotrifluoroethane
124TCB	1,2,4-Trichlorobenzene
11DCE	1,1-Dichloroethylene
12DCA	1,2-Dichloroethane
2DCB	2-Dichlorobenzene
ACT	Acetone
CDCE	Cis-1,2-Dichloroethylene
CFM	Chloroform
DDM	Dichlorodifluoromethane
MB	Bromomethane
PCE	Tetrachloroethylene
TCA	1,1,1-Trichloroethane
TCE	Trichloroethylene
TCFM	Trichlorofluoromethane
VC	Vinyl chloride

METALs

As	Arsenic
Ba	Barium
Cr	Chromium
Cu	Copper
Ni	Nickel
Zn	Zinc

MISCELLANEOUS

LNAPL LIGHT NON-AQUEOUS PHASE LIQUID

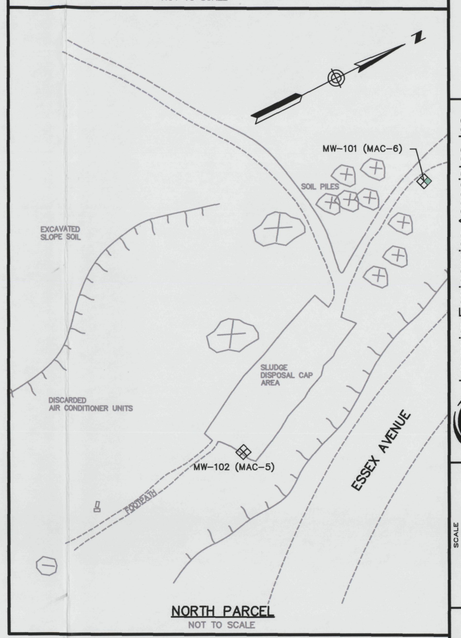
LEGEND

- APPROXIMATE AREA BOUNDARY
- MW-115 930.64 - MONITORING WELL LOCATION AND GROUNDWATER ELEVATION
- PZ-03 931.31 - PIEZOMETER LOCATION AND GROUNDWATER ELEVATION
- GROUNDWATER FLOW DIRECTION
- GROUNDWATER CONTOUR (INFERRED)
- GROUNDWATER FLOW DIRECTION
- SAMPLE W/ DETECT BUT NO EXCEEDANCES
- SAMPLE ANALYZED BUT NO DETECTS

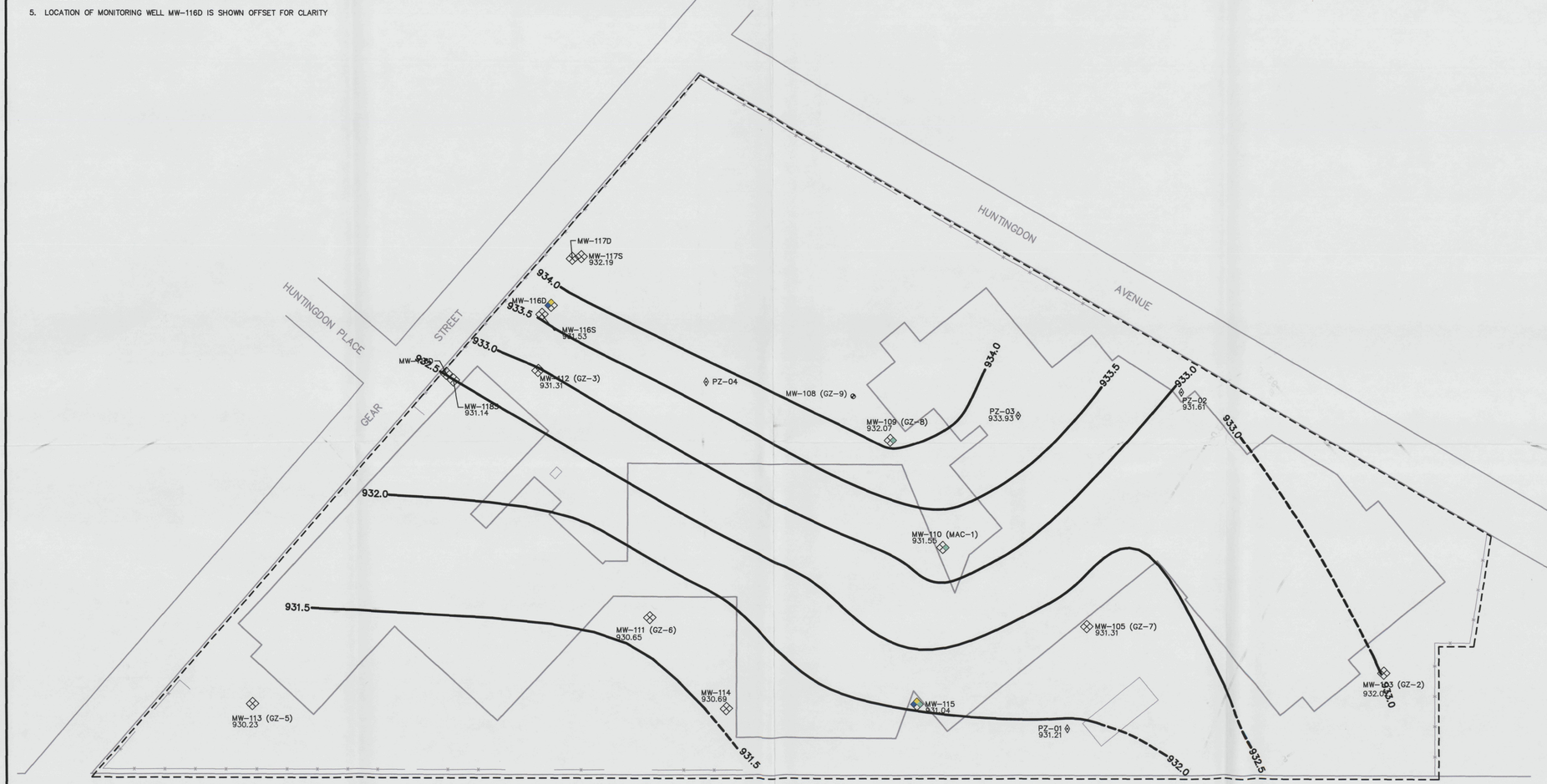
GROUNDWATER EXCEEDANCES

INDUSTRIAL / COMMERCIAL VOLATILIZATION CRITERIA (IVC)
RESIDENTIAL VOLATILIZATION CRITERIA (RVC)
SURFACE WATER PROTECTION CRITERIA (SWPC)
GROUNDWATER PROTECTION CRITERIA (GWPC)

KEY MAP
NOT TO SCALE



NORTH PARCEL
NOT TO SCALE



REV.	DESCRIPTION OF REVISION	DATE	APPR.

Loureiro Engineering Associates, Inc.
100 Northwest Drive • Plainville, Connecticut 06062
An Employee Owned Company

SCALE	COMM. NO.	DRAWN BY	DATE	APP. BY	DATE
1" = 50'	91MH603	J.A.M.	2/7/07	T.J.S.	2/7/07

QUARTERLY GROUNDWATER MONITORING
MacDERMID, INC., 526 HUNTINGDON AVE, WATERBURY, CT

CONSTITUENTS DETECTED IN GROUNDWATER AND GROUNDWATER CONTOUR MAP - OCTOBER 2006

An Employee Owned Company

DRAWING 1-2

SHEET NO. 1 NO. OF SHEETS 1

G:\AUTOCAD\PROJECTS\MACDERMID\91MH603-02006-10.DWG Tab: 1 Saved: 2/6/2007 3:33 PM Plotted: 11/16/2007 11:04 AM

Groundwater Elevation Data
February 2007

Monitoring Well and Piezometer ID	Reference Elevation (ft)	Depth to Water (fbg)	Groundwater Elevation (ft)	LNAPL[2] Thickness (ft)
MW-101[1]	-----	2.84	-----	0.00
MW-102[1]	-----	25.51	-----	0.00
MW-103	962.70	30.39	932.31	0.00
MW-105	963.31	31.72	931.59	0.00
MW-108[1]	963.79	32.10	-----	0.28
MW-109	963.75	30.88	932.87	0.00
MW-110	964.05	31.88	932.17	0.00
MW-111	961.92	31.12	930.80	0.00
MW-112	962.54	30.82	931.72	0.00
MW-113	964.01	33.62	930.39	0.00
MW-114	962.02	31.14	930.88	0.00
MW-115	962.69	31.22	931.47	0.00
MW-116S	962.40	30.35	932.05	0.00
MW-116D[1]	962.41	49.68	-----	0.00
MW-117S	962.55	29.58	932.97	0.00
MW-117D[1]	962.42	30.31	-----	0.00
MW-118S	962.22	30.85	931.37	0.00
MW-118D[1]	962.38	31.03	-----	0.00
PZ-01	960.60	29.19	931.41	0.00
PZ-02	968.00	35.88	932.12	0.00
PZ-03	967.87	34.63	933.24	0.00
PZ-04[1]	962.84	34.15	-----	3.25

NOTES:
THE REFERENCE POINT FOR MEASUREMENT IS THE TOP OF THE PVC RISER.
1 NOT USED TO GENERATE GROUNDWATER CONTOURS.
2 LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

MW-101	02/16/2007
Constituent	26.00' – 36.0
METAL	--
As (unfiltered)	*0.0045*
Cu (unfiltered)	0.0217
Zn (unfiltered)	*0.329*
VOCs	ND

MW-102	02/16/2007
Constituent	21.70' – 31.7
METAL	--
As (unfiltered)	*0.0058*
Ba (unfiltered)	0.0084
Cu (unfiltered)	0.0121
Ni (unfiltered)	0.0322
VOCs	ND

MW-103	02/15/2007
Constituent	25.00' – 35.0
METAL	--;--
Ba	0.0251
Ba (unfiltered)	0.0288
Zn (unfiltered)	0.0068
VOCs	ND

MW-105	02/20/2007
Constituent	27.00' – 37.0
METAL	--
Ba (unfiltered)	0.0174
Zn (unfiltered)	0.0152
VOCs	--
PCE	5.8
TCFM	8.4

MW-109	02/15/2007
Constituent	25.00' – 35.0
METAL	--;--
Ba	0.111
Ba (unfiltered)	0.111
Cr (unfiltered)	0.0076
Cu	*0.704*
Cu (unfiltered)	*0.702*
Ni	*1.58*
Ni (unfiltered)	*1.51*
Zn (unfiltered)	0.0968
VOCs	--
124TCB	2.4
PCE	4.2

MW-110	02/16/2007
Constituent	--
METAL	--
Ba	0.0446
Ba (unfiltered)	0.04
Cr (unfiltered)	0.0116
Cu	*0.494*
Cu (unfiltered)	*0.516*
Hg (unfiltered)	0.00025
Ni	0.018
Ni (unfiltered)	0.0174
Zn	0.0399
VOCs	--
TCA	1.5
PCE	46.9

MW-111	02/15/2007
Constituent	25.00' – 35.0
METAL	--
Ba	0.0408
Ni (unfiltered)	0.0103
VOCs	--
PCE	3
DDM	2.4

MW-112	02/13/2007
Constituent	25.00' – 35.0
METAL	--
Ba (unfiltered)	0.0148
Cr (unfiltered)	0.01
VOCs	--
PCE	3.5

MW-113	02/16/2007
Constituent	30.00' – 40.0
METAL	--
Ba (unfiltered)	0.0318
Cr (unfiltered)	0.0068
Pb (unfiltered)	0.0102
VOCs	ND

MW-114	02/15/2007
Constituent	28.00' – 38.0
METAL	--;--
Ba (unfiltered)	0.158;0.149
Ni (unfiltered)	0.0054;0.0056
VOCs	--;--
PCE	5.4;5.5
DDM	2.0;2.1

MW-115	02/16/2007
Constituent	28.00' – 38.0
METAL	--;--
Ba	0.112
Ba (unfiltered)	0.105
Cd	0.0058
Cd (unfiltered)	0.0054
Cr	0.792
Cr (unfiltered)	0.774
Ni	*1.21*
Ni (unfiltered)	*1.25*
Zn	0.0178
VOCs	--
DIOX	34.6
TCA	6.3
1121CTFE	6.1
12DCA	5.5
11DCE	*16.8*
PCE	*89.6*
TCE	6.9
CFM	8.5
THM	8.5

MW-116D	02/13/2007
Constituent	50.00' – 60.0
METAL	--
Ba (unfiltered)	0.0616
VOCs	--
CDCE	7.3
VC	*1.3*
TCE	1.2
CFM	1.9

MW-116S	02/15/2007
Constituent	28.00' – 38.0
METAL	--
Ba (unfiltered)	0.0305
VOCs	--
PCE	2.5

MW-117D	02/13/2007
Constituent	45.00' – 55.0
METAL	--
Ba (unfiltered)	0.122
VOCs	--
CFM	1

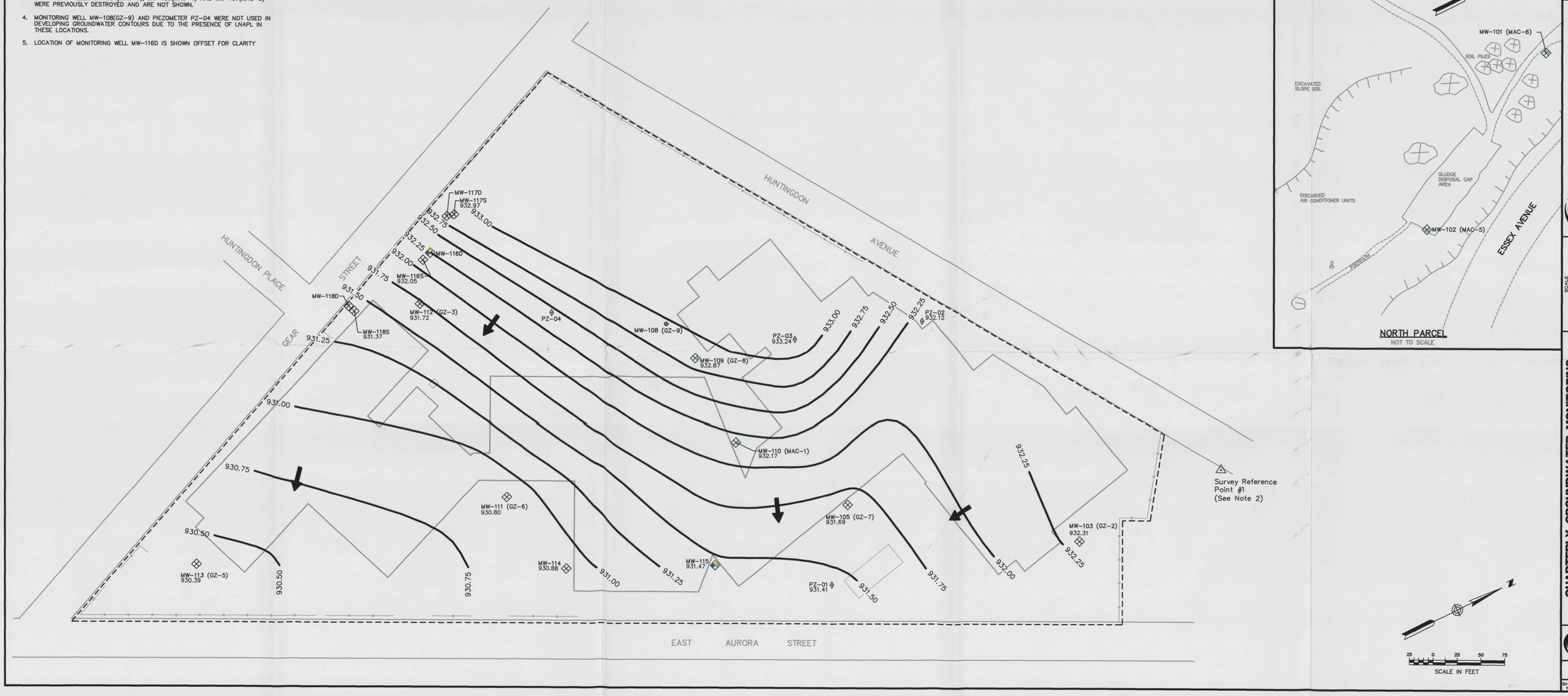
MW-117S	02/13/2007
Constituent	28.00' – 38.0
METAL	--
Ba (unfiltered)	0.0407
VOCs	ND

MW-118D	02/16/2007
Constituent	50.00' – 60.0
METAL	--
Ba (unfiltered)	0.025
VOCs	ND

MW-118S	02/16/2007
Constituent	28.00' – 38.0
METAL	--
Ba (unfiltered)	0.179
Cr (unfiltered)	0.006
VOCs	--
PCE	10.4
TCE	3.4

NOTES:

1. "STORMWATER POLLUTION PREVENTION PLAN – SITE PLAN"; SCALE 1" = 40'; DATED JANUARY 2002; BY HRP ASSOCIATES, INC.
2. LOCATIONS OF MONITORING WELLS, PIEZOMETERS AND BUILDINGS, ON THE SOUTHERN PARCEL, WERE SURVEYED AUGUST 2004 BY DAVID LITTLE L.S. THE BENCHMARK HEREON ARE BASED UPON AN ASSUMED DATUM HAVING AN ELEVATION OF 962.77 FEET.
3. MONITORING WELLS MW-104(MAC-7), MW-106(MAC-4) AND MW-107(MAC-3) WERE PREVIOUSLY DESTROYED AND ARE NOT SHOWN.
4. MONITORING WELL MW-108(GZ-9) AND PIEZOMETER PZ-04 WERE NOT USED IN DEVELOPING GROUNDWATER CONTOURS DUE TO THE PRESENCE OF LNAPL IN THESE LOCATIONS.
5. LOCATION OF MONITORING WELL MW-116D IS SHOWN OFFSET FOR CLARITY



DATA BLOCK LEGEND

LOCATION IDENTIFIER
SAMPLE DATE

MW-103	07/27/2006
Constituent	98.50' – 103.
METALS	--
Cd	*0.015*
Cu	3.00
Pb	*0.0066*
Ni	0.466
Zn	*1.87*
VOCs	--
CFM	0.6
TCE	267

- SCREENED INTERVAL
- DASH INDICATES DETECT(S) IN CONSTITUENT GROUP (SPECIFIC COMPOUNDS ARE IDENTIFIED BELOW)
- ITALICIZED AND RED COLORED CONSTITUENT CONCENTRATION INDICATES AN EXCEEDANCE OF THE DEFAULT NUMERIC RSR CRITERIA
- YELLOW HIGHLIGHTED CONSTITUENT CONCENTRATION INDICATES AN EXCEEDANCE OF THE 2003 DRAFT VOLATILIZATION CRITERIA

NOTES:

1. THE RESPECTIVE UNITS, IN WHICH QUANTIFIABLE CONCENTRATIONS ARE DETECTED, ARE AS FOLLOWS: PCBs, SVOCs AND VOCs – MICROGRAMS PER LITER (µg/L). CTETPH AND METALs – MILLIGRAMS PER LITER (mg/L)
2. VOCs CATEGORY REFERS TO COMPOUNDS DETECTED USING EPA METHOD 8260.
3. ND INDICATES NONE DETECTED

ABBREVIATIONS

VOCs

12DCA	1,2-Dichloroethane
11DCE	1C1-Dichloroethylene
112TCTFE	1,1,2-Trichlorotrifluoroethane
124TCB	1,2,4-Trichlorobenzene
CDCE	Cis-1,2-Dichloroethylene
CFM	Chloroform
DDM	Dichlorodifluoromethane
DIOX	p-Dioxane
PCE	Tetrachloroethylene
TCA	1,1,1-Trichloroethane
TCE	Trichloroethylene
TCFM	Trichlorofluoromethane
VC	Vinyl chloride

METALs

As	Arsenic
Ba	Barium
Cd	Cadmium
Cr	Chromium, Total
Cu	Copper
Hg	Mercury
Ni	Nickel
Pb	Lead
Zn	Zinc

MISCELLANEOUS

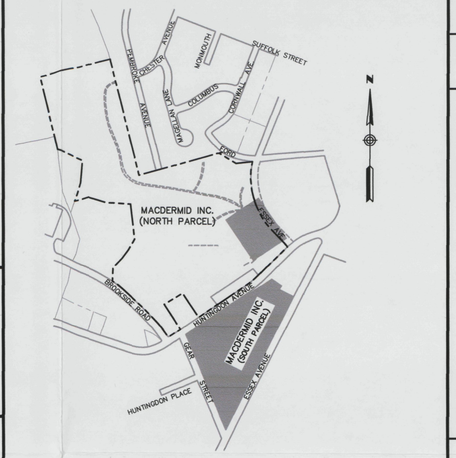
LNAPL	LIGHT NON-AQUEOUS PHASE LIQUID
RSR	REMEDIATION STANDARD REGULATIONS

LEGEND

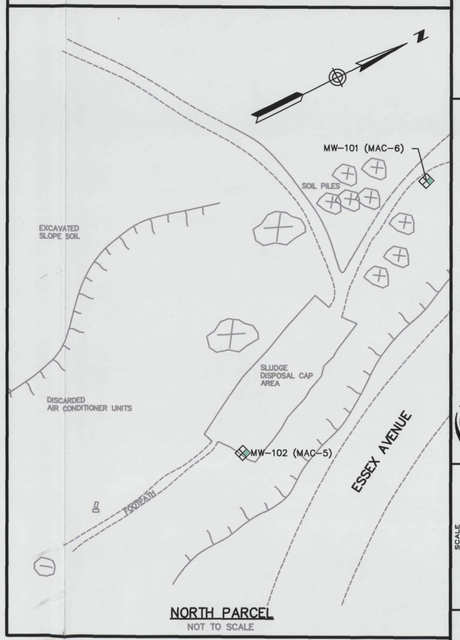
- APPROXIMATE AREA BOUNDARY
- MW-115 930.64 – MONITORING WELL LOCATION AND GROUNDWATER ELEVATION
- PZ-03 931.31 – PIEZOMETER LOCATION AND GROUNDWATER ELEVATION
- GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- SAMPLE W/ DETECT BUT NO EXCEEDANCES
- SAMPLE ANALYZED BUT NO DETECTS

GROUNDWATER EXCEEDANCES OF DEFAULT NUMERIC RSR CRITERIA

INDUSTRIAL / COMMERCIAL VOLATILIZATION CRITERIA (IVC)
RESIDENTIAL VOLATILIZATION CRITERIA (RVC)
SURFACE WATER PROTECTION CRITERIA (SWPC)
GROUNDWATER PROTECTION CRITERIA (GWPC)



KEY MAP
NOT TO SCALE



NORTH PARCEL
NOT TO SCALE

SCALE IN FEET

REV.	DESCRIPTION OF REVISION	DATE	APPR.

Loureiro Engineering Associates, Inc.
100 Northwest Drive • Plainville, Connecticut 06062
An Employee Owned Company

SCALE	COMM. NO.	DATE	
1" = 50'	91MH603	3/29/07	
DRAWN BY		DATE	
J.A.M.		3/29/07	
APP. BY			
T.J.S.			

QUARTERLY GROUNDWATER MONITORING
MacDERMID, INC., 526 HUNTINGDON AVE, WATERBURY, CT
CONSTITUENTS DETECTED IN GROUNDWATER AND GROUNDWATER CONTOUR MAP - FEBRUARY 2007

An Employee Owned Company

DRAWING
1-3

SHEET NO. 1 NO. OF SHEETS 1

G:\AUTOCAD\SHOULES\MACDERMID\SMH603\SMH603-GW07-02.dwg, Tabs: 1-3 Saved: 11/19/2007 11:10: AM Plotted: 11/19/2007 11:10: AM

GROUNDWATER ELEVATION DATA
MAY 2007

Monitoring Well and Piezometer ID	Reference Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	LNAPL[2] Thickness (ft)
MW-101[1]	-----	2.65	----	0.00
MW-102[1]	-----	24.45	----	0.00
MW-103	962.70	28.95	933.75	0.00
MW-105	963.31	30.56	932.75	0.00
MW-108[1]	963.79	30.00	933.79	0.10
MW-109	963.75	28.83	934.92	0.00
MW-110	964.05	30.00	934.05	0.00
MW-111	961.92	29.80	932.12	0.00
MW-112	962.54	29.21	933.33	0.00
MW-113	964.01	32.40	931.61	0.00
MW-114	962.02	29.90	932.12	0.00
MW-115	962.69	29.95	932.74	0.00
MW-116S	962.40	28.50	933.90	0.00
MW-116D[1]	962.41	29.35	933.06	0.00
MW-117S	962.55	27.65	934.90	0.00
MW-117D[1]	962.42	28.46	933.96	0.00
MW-118S	962.22	28.35	933.87	0.00
MW-118D[1]	962.38	29.57	932.81	0.00
PZ-01	960.60	27.95	932.65	0.00
PZ-02	968.00	34.01	933.99	0.00
PZ-03	967.87	29.00	938.87	0.00
PZ-04[1]	962.84	31.80	931.04	3.19

NOTES:
THE REFERENCE POINT FOR MEASUREMENT IS THE TOP OF THE PVC RISER.
1 NOT USED TO GENERATE GROUNDWATER CONTOURS.
2 LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

MAP REFERENCE:

1. "STORMWATER POLLUTION PREVENTION PLAN - SITE PLAN"; SCALE 1" = 40'; DATED JANUARY 2002; BY HRP ASSOCIATES, INC.

NOTES:

1. LOCATIONS OF MONITORING WELLS, PIEZOMETERS AND BUILDINGS, ON THE SOUTHERN PARCEL, WERE SURVEYED AUGUST 2004 BY DAVID LITTLE L.S. THE BENCHMARK HEREON ARE BASED UPON AN ASSUMED DATUM HAVING AN ELEVATION OF 962.77 FEET.
2. MONITORING WELLS MW-104, MW-106 AND MW-107 WERE PREVIOUSLY DESTROYED AND ARE NOT SHOWN.
3. MONITORING WELL MW-108 AND PIEZOMETER PZ-04 WERE NOT USED IN DEVELOPING GROUNDWATER CONTOURS DUE TO THE PRESENCE OF LNAPL IN THESE LOCATIONS.
4. LOCATION OF MONITORING WELL MW-116D IS SHOWN OFFSET FOR CLARITY

MW-101	05/25/2007
Constituent	26.0'-36.0
METAL	--
As(uf)	*0.0054*
Cu(uf)	0.0061
Zn(uf)	0.102
VOCs	ND

MW-102	05/25/2007
Constituent	21.70'-31.7
METAL	--
Ba(uf)	0.0112
Ni(uf)	0.0184
Zn(uf)	0.027
VOCs	ND

MW-103	05/23/2007
Constituent	25.0'-35.0
METAL	--
Ba(uf)	0.068
VOCs	ND

MW-105	05/23/2007
Constituent	27.0'-37.0
METAL	--
Ba(uf)	0.0581
Cr(uf)	0.0256
Cu(uf)	0.005
Ni(uf)	0.0073
VOCs	--
PCE	8.9
TCFM	8.3

MW-109	05/25/2007
Constituent	25.0'-35.0
METAL	--;--
Ba	0.0704
Ba(uf)	0.0754
Cr(uf)	0.0372
Cu	*1.66*
Cu(uf)	*1.73*
Ni	0.619
Ni(uf)	0.586
Zn	*0.718*
Zn(uf)	*0.706*
VOCs	--
ACT	180
TBA	203
PCE	1.7

MW-110	05/25/2007
Constituent	--
METAL	--
Ba	0.172
Ba(uf)	0.171
Cr	0.0102
Cr(uf)	0.0104
Cu	*2.28*
Cu(uf)	*2.27*
Ni	0.138
Ni(uf)	0.133
Zn	*0.188*
Zn(uf)	*0.2*
VOCs	--
PCE	17.8
DDM	2
TCFM	1.2

MW-111	05/23/2007
Constituent	25.0'-35.0
METAL	--
Ba(uf)	0.077
Cu(uf)	0.0086
Ni(uf)	0.011
VOCs	--
11DCA	1.7
PCE	3.6
DDM	2

MW-112	05/25/2007
Constituent	25.0'-35.0
METAL	--
Ba(uf)	0.0194
Cr(uf)	0.008
Ni(uf)	0.0056
Zn(uf)	0.0564
VOCs	--
PCE	7.2
TCE	1.7

MW-113	05/23/2007
Constituent	30.0'-40.0
METAL	--
Ba(uf)	0.0302
VOCs	ND

MW-114	05/23/2007
Constituent	28.0'-38.0
METAL	--;--
As(uf)	*0.0044*
Ba	0.184
Ba(uf)	0.21
Cr(uf)	0.007
Cu(uf)	0.0088
Ni(uf)	0.0087
Zn	0.005
VOCs	--
PCE	5.1
DDM	2.1

MW-115	05/23/2007
Constituent	28.0'-38.0
METAL	--
Ba(uf)	0.088
Cd(uf)	0.004
Cr(uf)	0.61
Ni(uf)	0.774
VOCs	--
11DCE	5.6
12DCA	2.3
11DCE	*12.6*
PCE	71.5
TCE	5.7
CFM	8.6

MW-116D	05/24/2007
Constituent	50.0'-60.0
METAL	--
Ba(uf)	0.0604
Zn(uf)	0.0068
VOCs	--
CDCE	5.1
VC	*4.8*
CFM	1.6

MW-116S	05/24/2007
Constituent	28.0'-38.0
METAL	--;--
Ba(uf)	0.0338;0.0336
Cr(uf)	0.006;0.0062
Cu(uf)	0.0051;0.005
Zn(uf)	ND;0.0316
VOCs	--;--
PCE	2.3;2.4

MW-117D	05/24/2007
Constituent	45.0'-55.0
METAL	--
Ba(uf)	0.108
Cu(uf)	0.0054
Zn(uf)	0.007
VOCs	ND

MW-117S	05/24/2007
Constituent	28.0'-38.0
METAL	--
Ba(uf)	0.0503
Cu(uf)	0.0058
Zn(uf)	0.0116
VOCs	ND

MW-118D	05/24/2007
Constituent	50.0'-60.0
METAL	--
Ba(uf)	0.035
Cu(uf)	0.0082
Zn(uf)	0.0104
VOCs	--
CDCE	2.8

MW-118S	05/24/2007
Constituent	28.0'-38.0
METAL	--
Ba(uf)	0.215
Cu(uf)	0.006
VOCs	--
PCE	8.5
TCE	2.5

DATA BLOCK LEGEND

LOCATION IDENTIFIER
SAMPLE DATE

MW-103	07/27/2006
Constituent	98.50' - 103.
METALs	--
Cd	*0.0115*
Cu	3.00
Pb	*0.0066*
Ni	0.466
Zn	*1.87*
VOCs	--
CFM	0.6
TCE	267

- SCREENED INTERVAL
- DASH INDICATES DETECT(S) IN CONSTITUENT GROUP (SPECIFIC COMPOUNDS ARE IDENTIFIED BELOW)
- ITALICIZED AND RED COLORED CONSTITUENT CONCENTRATION INDICATES AN EXCEEDANCE OF THE DEFAULT NUMERIC RSR CRITERIA
- YELLOW HIGHLIGHTED CONSTITUENT CONCENTRATION INDICATES AN EXCEEDANCE OF THE 2003 DRAFT VOLATILIZATION CRITERIA

NOTES:

1. THE RESPECTIVE UNITS, IN WHICH QUANTIFIABLE CONCENTRATIONS ARE DETECTED, ARE AS FOLLOWS: PCBs, SVOCs AND VOCs – MICROGRAMS PER LITER (µg/L). CTETPH AND METALs – MILLIGRAMS PER LITER (mg/L)
2. VOCs CATEGORY REFERS TO COMPOUNDS DETECTED USING EPA METHOD 8260.
3. ND INDICATES NONE DETECTED

ABBREVIATIONS

VOCs

11DCA	1,1-Dichloroetane
11DCE	1,1-Dichloroethylene
12DCA	1,2-Dichloroethane
ACT	Acetone
CDCE	Cis-1,2-Dichloroethylene
CFM	Chloroform
DDM	Dichlorodifluoromethane
PCE	Tetrachloroethylene
TBA	Tert-Butylalcohol
TCA	1,1,1-Trichloroethane
TCE	Trichloroethylene
TCFM	Trichlorofluoromethane
VC	Vinyl chloride

METALs

As	Arsenic
Ba	Barium
Cd	Cadmium
Cr	Chromium, Total
Cu	Copper
Ni	Nickel
Zn	Zinc

MISCELLANEOUS

LNAPL	LIGHT NON-AQUEOUS PHASE LIQUID
RSR	REMEDIATION STANDARD REGULATION
uf	UNFILTERED
VOC	VOLATILE ORGANIC COMPOUND

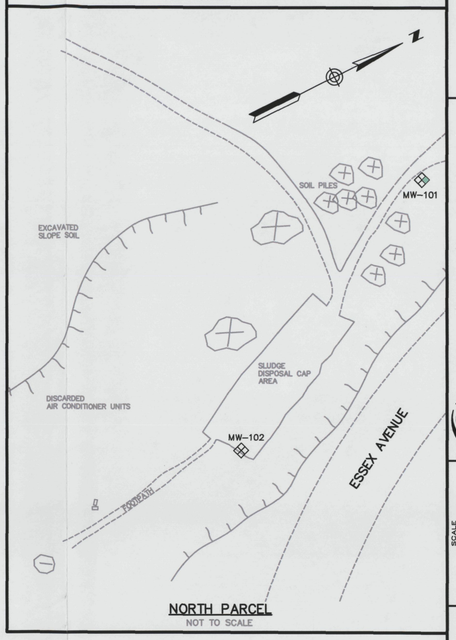
LEGEND

- APPROXIMATE AREA BOUNDARY
- MW-115 930.64 – MONITORING WELL LOCATION AND GROUNDWATER ELEVATION
- PZ-03 931.31 – PIEZOMETER LOCATION AND GROUNDWATER ELEVATION
- GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- SAMPLE W/ DETECT BUT NO EXCEEDANCES
- SAMPLE ANALYZED BUT NO DETECTS

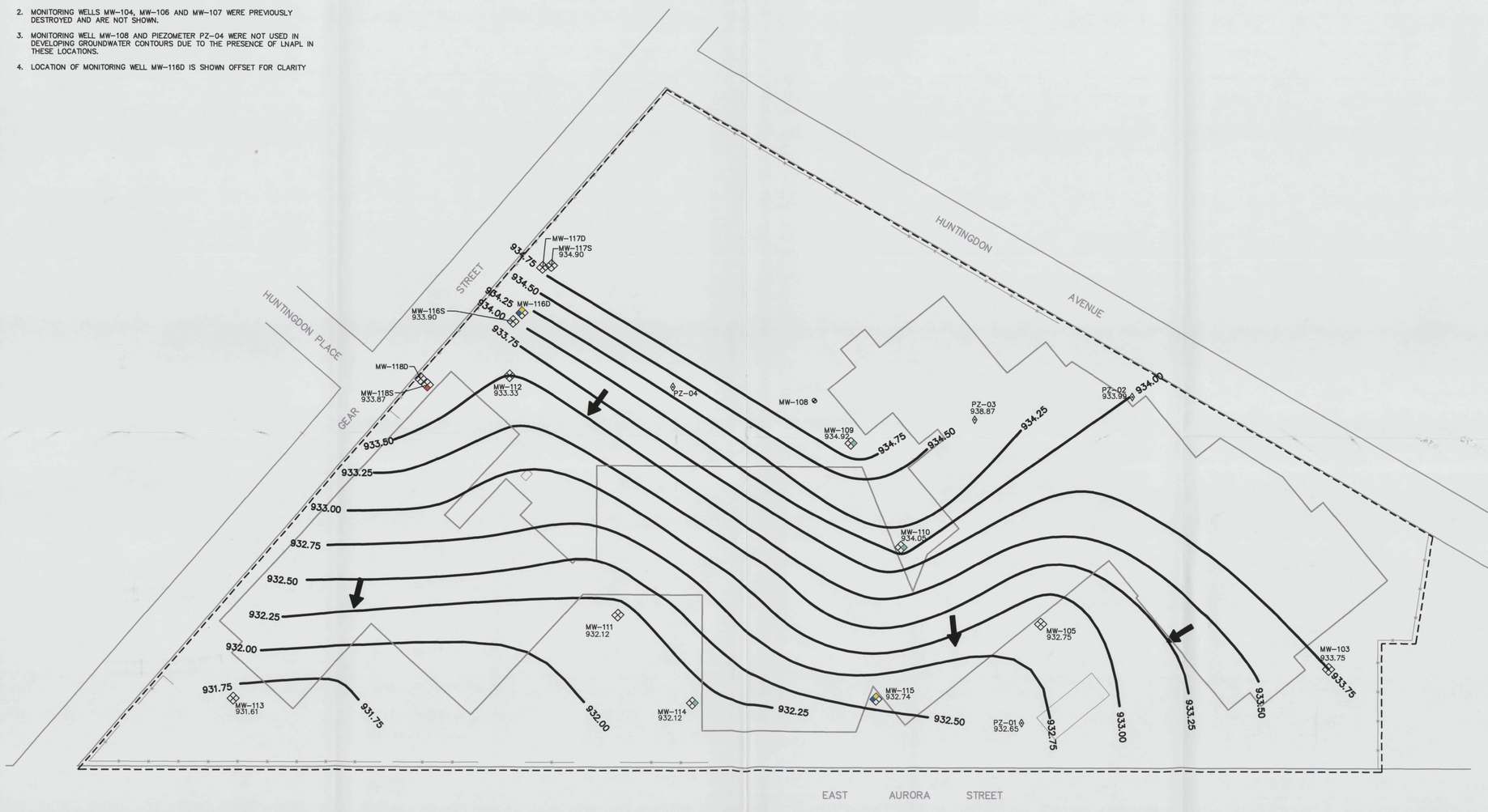
GROUNDWATER EXCEEDANCES OF DEFAULT NUMERIC RSR CRITERIA

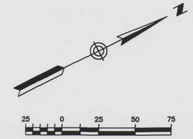
INDUSTRIAL / COMMERCIAL VOLATILIZATION CRITERIA (IVC)
RESIDENTIAL VOLATILIZATION CRITERIA (RVC)
SURFACE WATER PROTECTION CRITERIA (SWPC)
GROUNDWATER PROTECTION CRITERIA (GWPC)

KEY MAP
NOT TO SCALE



NORTH PARCEL
NOT TO SCALE





REV.	DESCRIPTION OF REVISION	DATE	APPR.

Loureiro Engineering Associates, Inc.
100 Northwest Drive • Plainville, Connecticut 06062
An Employee Owned Company

SCALE	COMM. NO.	DATE
1" = 50'	91MH603	8/1/07
DRAWN BY		DATE
J.A.M.		8/1/07
APP. BY		
T.J.S.		

QUARTERLY GROUNDWATER MONITORING
MacDERMID, INC., 526 HUNTINGDON AVE, WATERBURY, CT

CONSTITUENTS DETECTED IN GROUNDWATER AND GROUNDWATER CONTOUR MAP - MAY 2007

An Employee Owned Company

DRAWING 1-4

SHEET NO. 1 NO. OF SHEETS 1

© AUTOCAD PROJECTS\MACDERMID\91MH603\91MH603-02007-05.DWG Tab: 1-4 Saved: 11/16/2007 11:07 AM Plotted: 11/16/2007 11:08 AM

APPENDIX A

APPENDIX A

LEA Field Documentation

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	91MH~~03788~~ 603.001	Page	1 of ~~4~~
Project	MacDermid Incorporated Huntingdon ~~SID Re~~	Date	7/10/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 10:00 Departed from Site 15:30 Vehicle Personal @V

Odometer (Start) Return ~~46 mi RT~~

Site Activities

- [ ] Soil Sampling
- [ ] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] well
- [x] Inspection & inventory
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	2223561
Last Location ID Used	—
Current Location (if not complete)	—
Sampling for	—
Laboratories used	—
Paperwork & Equipment left at/in	CV
Site Contact	Mr. Nave
Contractors on Site	LEA
Time and place to meet contractors	—

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
	X		Sample labels complete
	X		Sample/cooler seals OK
	X		All samples obtained
	X		Chains of custody
X			All forms/logs complete
X	~~X~~ CV		Site condition OK
	X		Site H&S Plan on site
X			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater		
Decon Fluid		
PPE		
Other		

Weather Conditions

Temperature 80's Precipitation — Wind —

Comments

Checked By Janice L. Jane

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
1	Decontamination Supplies	081
	Drum, Closed Top 55 gallon	086
	Filter, In Line	024
1	Miscellaneous Health & Safety Items	060
	Tubing, 1/2", NOS	007
	Tubing, 3/8", NOS	008
	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
	Thermo-Anemometer	248
	Turbidimeter	023
1	VOC Analyzer, Photovac 2020 (PID)	012
1	Water Level Indicator w/interface probe (P.O. # 9121)	028

Field Personnel Christina Venable *Signature*

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	91MH~~000.001~~ 603.001
Project	MacDermid Incorporated Huntingdon EID Re
Location	MacDermid - Huntingdon Avenue, Waterbury, CT
Client	MacDermid Incorporated - RNav

Date 7/10/06

pH Meter/Serial #

	Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration							
Calibration Check							
Calibration Check							

Turbidity Meter/Serial #

	Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration					
Calibration Check					
Calibration Check					

PID Meter/Serial #

	Time	Standard	Meter Reading	Zero with
Initial Calibration	10:45	100	100	Fresh Air
Calibration Check				
Calibration Check				

Balance/Serial #

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel: Christina Venable

Signature

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

Supplemental Sheet

LEA Comm. No.	**91MH~~102.001~~ 603.001**	Page 3 of 4
Project	MacDermid Incorporated Huntingdon ~~Hillside~~	Date 7/10/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

On Site 10:00am
met with site contact, Mr. Nave, & performed site walk thru.
Calibrated PID 10:45.
Began measuring 11:00.
Unable to locate PZ-03 & MW-106.
MW-107 is 1½" dia. well.
MW-103 is a roadbox in grassed area.
MW-111 is located in a deep depression in pavement that gets covered w/ approx 4" of sand.
Unable to locate MW-109.
MW-109 – broke socket wrench trying to get bolts out. Unable to remove bolts.
MW-102 no cap (plastic or metal). Hidden by Knotweed
MW-101 has a round screw top lid & is rusted shut. Unable to open.

MW-118D & MW-118S were located but were not able to be opened due to broken socket wrench.

Map of North parcel not very accurate for locating or helpful
MW-101 & 102.
Essex Ave. no longer present.

PID readings suspect. Tested PID on NAPL & it did not get a readings.

Field Personnel Christina Venable Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MONITORING WELL INVENTORY

LEA Comm. No.	91MH~~02.001~~ 603.001	Page 4 of 4	
Project	MacDermid Incorporated Huntingdon ~~EID Re~~	Date 7/10/06	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Sample ID	Location ID	Time	Predicted Depth of Well	Predicted Depth to Water	Actual Depth of Well	Actual Depth to Water	PID/FID	Reference Elevation	Comments (LNAPL)
2223539	MW-117S	11:06	—	—	37.86	29.45	0.0	TOC	—
2223540	MW-117D	11:10	—	—	36.14	28.31	0.0	↓	—
2223541	MW-116D	11:30	—	—	57.45	28.91	↓	↓	—
2223542	MW-116S	11:35	—	—	34.20	28.04	↓	↓	—
2223543	MW-112	11:39	—	—	34.90	28.82	↓	↓	—
2223544	MW-118D	11:45	—	—	~~38.00~~	~~33.00~~	CV	see daily field Report	
2223545	MW-118S								
2223546	MW-107	11:45			38.00	33.00	6.0	TOC	—
2223547	PZ-03	unable to locate.					↓	↓	—
2223548	MW-106	unable to locate.					↓	↓	—
2223549	PZ-02	12:10	—	—	38.29	34.16	↓	↓	—
2223550	MW-103	12:30	—	—	34.95	28.85	↓	↓	—
2223551	MW-105	12:35	—	—	36.95	30.35	↓	↓	—
2223552	PZ-01	13:45	—	—	38.62	27.82	↓	↓	—
2223553	MW-104	unable to locate					↓	↓	—
2223554	MW-115	12:50	—	—	37.93	29.85	↓	↓	—
2223555	MW-114	12:55	—	—	37.85	29.74	↓	↓	—
2223556	MW-111	13:09	—	—	34.92	29.64	↓	↓	—
2223557	MW-113	13:15	—	—	40.00	32.20	↓	↓	—
2223558	MW-108	13:25	—	—	35.10	30.05	↓	↓	29.66
2223559	MW-109	See Daily Field Report							—
2223560	PZ-04	13:30	—	—	38.78	31.60	0.0	↓	28.78
2223561	MW-102	14:49	—	—	39.78	26.45	↓	↓	—
2223562	MW-103	see daily field Report							—

MW-107 is PZ-03

(107 is destroyed)

Field Personnel: Christina Venable — Signature

28.91

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**	Page	1 of 3
Project	Quarterly Groundwater Monitoring and Dev	Date	7/26/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 8:15 Departed from Site 16:00 Vehicle Van Odometer (Start) Return 90 mi/RT

Site Activities

- [ ] Soil Sampling
- [ ] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [X] water levels
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [X] set bladder pumps
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	
Last Location ID Used	
Current Location (if not complete)	
Sampling for	
Laboratories used	
Paperwork & Equipment left at/in	office
Site Contact	Rich Nave
Contractors on Site	LEA
Time and place to meet contractors	

Non-productive Time

- [X] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
	X		Sample labels complete
	X		Sample/cooler seals OK
	X		All samples obtained
	X		Chains of custody
X			All forms/logs complete
X			Site condition OK
X			Site H&S Plan on site
	X		Instruments calibrated

Checked By DN

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater		
Decon Fluid		
PPE		
Other		

Weather Conditions

Temperature 80s Precipitation — Wind —

Comments Very high Humidity

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
1	Decontamination Supplies	081
4 1	Drum, Closed Top 55 gallon	086
	Filter, In Line	024
2	Miscellaneous Health & Safety Items	060
	Tubing, 1/2", NOS	007
	Tubing, 3/8", NOS	008
	Water, Distilled	025
2 rolls	Tubing ¼" (bought us)	

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
	Thermo-Anemometer	248
	Turbidimeter	023
	VOC Analyzer, Photovac 2020 (PID)	012
	Water Level Indicator	028
1	Interface probe	
9	Bladder pumps (Rented)	

Field Personnel Dennis Ryder, Christina Venable, Rich D'Amico, Keith Volkert Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 3
Project	Quarterly Groundwater Monitoring and Dev	Date 7/26/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

DR & CV arrived on site 8:15
Jamie Jarvis called to make sure everything ok.
Site contact showed up and instructed where to place waste drums.
Waste drums placed on pallet just inside overhead doors in off parking lot located on Huntington St. side of building.
MW-116 had water in casing above riser. Bailed out before removing cap.
MW-116D & S off by 1 ft. Trip checked depths & still off
~~MW-110 unable to locate Probably destroyed~~ (W)
MW-101 located approx. 40 paces past asphalt pad on left
Set wells MW-101, 102, 103, 107 & 115
CV & DR offsite to get more tubing 13:30
CV & DR back to site 14:30.
Set wells MW-114, 111, 113, 109
Offsite 16:00

Field Personnel	Dennis Ryder	Rich D'Amico	Signature
	Christina Venable	Keith Volkert	

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MONITORING WELL INVENTORY

LEA Comm. No.	**91MH603.001**	Page 3 of 3
Project	Quarterly Groundwater Monitoring and Dev	Date 7/26/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Sample ID	Location ID	Time	Predicted Depth of Well	Predicted Depth to Water	Actual Depth of Well	Actual Depth to Water	PID/FID	Reference Elevation	Comments
2223687	PZ-2	8:47			38.31	35.16	—	—	
2223688	PZ-3	8:43			38.01	33.94	—	—	
2223689	PZ-1	9:05			38.91	28.64			
2223690	MW-103	9:10			—	29.69	—	—	
2223691	MW-105	9:15			—	31.14	—	—	
2223692	MW-115	9:25				30.41			
2223693	MW-114	9:30				30.50			
2223694	MW-111	9:35				30.39			
2223695	MW-113	9:45				32.93			
2223696	MW-118D	10:00				30.06			
2223697	MW-118S	10:00				29.72			
2223698	MW-117S	10:15				28.05			
2223699	MW-117D	10:20				29.26			
2223700	MW-116S	10:30				28.86			
2223701	MW-116D	10:35				29.85			
2223702	MW-112	10:40				29.57			
2223703	MW-110	15:45				30.75			~~Unable to locate~~
2223704	MW-109	10:50				29.66			
2223705	MW-108	15:15				31.13			Depth to LNAPL 30.45
2223706	PZ-04	15:30				37.25			Depth to LNAPL 29.59
2223707	MW-101	11:05				4.36			replaced cap
2223708	MW-102	11:10				25.58			NO CAP OR COVER replaced
2223709									
2223710									
2223711									
2223712									

Field Personnel	Dennis Ryder	Rich D'Amico	*Signature*
	Christina Venable	Keith Volkert	

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**	Page	1 of 1
Project	Quarterly Groundwater Monitoring and Dev	Date	7/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 0900 Departed from Site 1640 Vehicle E-250 / Personal

Odometer (Start) Return 28 miles total

Site Activities

- [ ] Soil Sampling
- [X] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Non-productive Time

- [X] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	1074266
Last Location ID Used	MW-109
Current Location (if not complete)	~~MW-109~~ NR
Sampling for	VOC's, Metals
Laboratories used	Spectrum
Paperwork & Equipment left at/in	Office
Site Contact	Rich Nave
Contractors on Site	NONE
Time and place to meet contractors	NONE

Quality Assurance Checks

Yes	N/A	No	
X			Sample labels complete
X			Sample/cooler seals OK
X			All samples obtained
X			Chains of custody
X			All forms/logs complete
X	(X)		Site condition OK
X	~~X~~		Site H&S Plan on site
X			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid	NR	
Groundwater	85.55 L	WT-CT-011
Decon Fluid	.5 gallon	WT-CT-011
PPE		
Other		

Weather Conditions

Temperature 88°F Precipitation NONE Wind SLIGHT

Comments: Very humid, contributed to some equipment failure.

Checked By

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
3	Decontamination Supplies	081
~~3~~	Drum, Closed Top 55 gallon none	086
4	Filter, In Line	024
4	Miscellaneous Health & Safety Items	060
	Tubing, 1/2", NOS	007
	Tubing, 3/8", NOS	008
	Water, Distilled	025
750'	Tubing 1/4" (bought U.S.)	
	30	

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
	Thermo-Anemometer	248
3	Turbidimeter (2-LEA, 1 rented)	023
1	VOC Analyzer, Photovac 2020 (PID)	012
3	Water Level Indicator	028
1	Interface probe	
4	YSI (rented)	
11	bladder pumps (rented)	
4	compressor/controllers (rented)	

Field Personnel: Dennis Ryder, Christina Venable, Rich D'Amico, Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 17
Project	Quarterly Groundwater Monitoring and Dev	Date 7/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

0900 - R. D'Amico, D. Ryder arrive on site
0905-0930 - Calibrate equipment, organize paperwork
0930 - Begin set-up on MW-111, MW-114
1000 - K. Volkert arrive on site
- Phone call/update J. Jervis
- Phone call - Rich Nave to open garage for waste water storage access.
- 10:40 - Equipment breakdown, (D. Ryder's compressor)
- 11:00 - D. Ryder fixes equipment - resumes purging of MW-111
- 13:00 - U.S. Rental drops off extra set-up
- 13:30 - R. Dámico calibrates/sets up new equipment
- Humidity/Heat very high, cause of compressors overheating
- Headspace was attempted to be measured but wells were left open for 24 hrs because of the pumps and tubing in place. Minimal readings.
- 15:00 - C. Venable arrives on site
- Venable decons + rebuilds bladder pumps
- Venable + Volkert begin setting remaining wells for Friday (7/28/06)
- 15:50 D. Ryder, R. Dámico dispose of waste, finish paperwork.
- 16:30 - Depart Site

Field Personnel	Dennis Ryder	Rich D'Amico	*Signature*
	Christina Venable	Keith Volkert	

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 4 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 7/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

	Description	Sample ID	Time
- Miscallaneous Samples:	Equipment Blank -	1174266	- 15:15 -
	TRIP Blank	1174265	- 15:30 -

Field Personnel	~~Dennis Ryder~~	Rich D'Amico	***Signature***
	Christina Venable	Keith Volkert	

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	5 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date	7/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	11:30
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-111 Sample Number(s) 1174236 1174236vf

Initial Field Data and Measurements

Depth of Well 34.82 Reference Used TOC
Depth to Water ____ PID/FID Reading —**
Height of Column ____ Interface Yes / (No) If yes, Depth ____ Lighter / Heavier

Well Casing Diameter 1.5" Material PVC
Protector (Road Box) / Stickup
Ground to Reference ____
Comments ____

General Condition	OK	Bad
Casing Secure	Y	
Collar Intact	Y	
Cover Locked	Y	
Other (describe)	—	

Development Information

Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO%
09:30		100 psi	150	1	17.55	523	489	50.2	9.97	0.81	157.4
09:40		100 psi	150	2.5	17.41	520	3.76	291.2	4.62	0.63	67.9
09:50		100 psi	150	4	17.46	518	3.68	325.9	2.46	0.65	21.5
10:00		100 psi	150	5.5	17.41	514	3.44	475.5	4.00	0.49	41.1
10:10		100 psi	150	7	17.42	513	3.46	491.8	2.19	0.67	22.1
10:20		100 psi	150	8.5	17.42	514	3.54	494.9	4.96	0.53	33.2
10:30		100 psi	150	10	17.45	511	3.48	499.8	4.07	0.33	43.2
* 10:40		100 psi	150	11.5	17.37	509	3.48	537.3	2.45	0.47	28.0
11:10		100 psi	150	13	17.41	500	3.85	338.9	4.21	0.35	38.6
11:15		100 psi	150	13.75	17.46	500	3.54	410.9	3.69	0.21	34.8
11:20		100 psi	150	14.5	17.44	501	3.42	449.5	3.64	0.28	37.8
11:25		100 psi	150	15.25	17.37	501	3.42	513.0	3.51	0.34	36.4
11:30		100 psi	150	16	17.39	501	3.42	524.6	3.46	0.24	36.0 SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other ~~~ bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Methanol, Liquinox, DI Water
Waste Container ID WT-CT-011

Additional Comments
Also sample with 10u filter, put on hold. (JH)
* Equipment Break Down - (compressor)
** cover left open overnight because of tubing, (PID read zero)

Field Personnel (Dennis Ryder) Rich D'Amico
Christina Venable Keith Volkert
Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	6 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date	7/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	14:40
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-115 Sample Number(s) 1174239 1174239 of

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOR

Depth to Water 30.42 PID/FID Reading 0.0

Height of Column _____ Interface Yes / ~~No~~ If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector (Road Box) / Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~Comment~~ DO %	
1335	30.42	25	150	(	← START PUMPING →							
1340	30.45	25	150	1.75	17.25	539	5.79	189.1	5.66	1.3	58.5	
1350	30.45	25	150	3.25	16.95	532	5.75	197.2	5.38	2.1	55.8	
~~1300~~ 1400	30.45	25	150	4.75	17.09	530	5.73	200.4	5.57	0.80	57.7	
1405	30.45	25	150	5.5	16.77	529	5.75	201.2	5.64	0.65	57.1	
1410	30.45	25	150	6.25	16.66	529	5.76	201.8	5.57	0.00	56.8	
1415	30.45	25	150	7	16.60	530	5.75	202.7	5.42	0.00	55.9	
1420	30.45	25	150	7.75	16.61	531	5.76	202.5	5.49	0.00	56.5	
1426	30.45	25	150	8.50	16.70	531	5.80	203.0	5.39	0.10	55.5	
1430	30.45	25	150	9.25	16.64	530	5.80	203.6	5.34	0.00	54.9	
1435	30.45	25	150	10.00	16.65	531	5.80	202.9	5.39	0.00	55.4	
1440	30.45	25	150	10.75	16.60	530	5.80	203.9	5.39	0.00	55.0	SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other _____

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what? _____

Waste Container ID WT-CT-011

Additional Comments

Sample with 10u filter also, put on hold. (JF)

Field Personnel Dennis Ryder, Rich D'Amico, ~~Christina Venable~~, Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	7 of 17
Project	Quarterly Groundwater Monitoring and Dev	Date	7/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	11 45
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-103 Sample Number(s) 1174237 1174237DUP

Initial Field Data and Measurements

Depth of Well 35.18 Reference Used TOR
Depth to Water 29.78 PID/FID Reading 0.0
Height of Column ____ Interface Yes / (No) If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference ____
Comments ____

General Condition	OK	Bad
Casing Secure	—	
Collar Intact	—	
Cover Locked		
Other (describe)		

Development Information

Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~DO Comment~~ %	
1055	29.78	20	120	1	START PUMPING →							
1100	29.8	↓	120	1.6	16.34	64	7.17	73.1	10.29	1.3	104.2*	
1110	29.8		120	~~4.8~~ 3.8	16.27	60	6.20	98.0	9.80	0.55	99.6	
1125	29.8		120	5.6	15.93	60	6.16	120.0	9.68	0.80	98.0	
1130	29.8		120	6.2	16.32	59	6.14	127.7	9.59	0.00	98.0	
1135	29.8		120	6.8	16.52	60	6.14	128.2	9.53	0.00	97.7	
1140	29.8		120	7.4	16.55	60	6.19	127.9	9.61	0.10	97.6	
1145	29.8	20	120	8	16.54	60	6.13	128.0	9.51	0.00	96.7	SAMPLE

Developement Method (Peristaltic Pump) / Bailer / Inertial Pump / Other

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) ~~No~~ If Yes, with what? Meoh, Liquinox, DI H_2O
Waste Container ID WT-CT-011

Additional Comments
* DO meter does not seem to be working will re caliberate after sample
- 10mm filtered used
- flow cell #96130392 AA

Field Personnel Dennis Ryder, Rich D'Amico, ~~Christina Venable~~, (Keith Volkert) Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 8 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 7/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:15
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-105 Sample Number(s) 1174238 1174238uf

Initial Field Data and Measurements

Depth of Well 37.2 Reference Used TOR
Depth to Water 31.25 PID/FID Reading 0.0
Height of Column 5.95 Interface Yes / No If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector Road Box / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO ~~Comment~~ %
1235	31.25	25	120	1	START PUMPING						
1240	31.26	25	120	1.6	18.78	129	6.46	135.5	7.85	4.8	84.0
1250	31.26	25	120	2.8	18.43	122	6.41	149.8	7.50	1.5	79.9
1255	31.26	25	120	3.4	18.12	120	6.42	153.0	7.51	1.3	79.5
1300	31.26	25	120	4	18.38	124	6.47	153.6	7.24	0.65	79.2
1305	31.26	25	120	4.6	18.39	121	6.45	154.0	7.46	0.65	79.5
1310	31.26	25	120	5.2	18.38	121	6.45	154.8	7.46	0.55	79.1
1315	31.26	25	120	5.8	18.39	121	6.45	154.5	7.46		79.0 SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? ~~Yes~~ No If Yes, with what? Liquidnox, Meth, DI H_2O
Waste Container ID W-T-CT-011

Additional Comments

Field Personnel Dennis Ryder Rich D'Amico ~~Christina Venable~~ Keith Volkert *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	9 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date	7/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	14:05
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-101 Sample Number(s) 1174241 1174241uf

Initial Field Data and Measurements

Depth of Well 32.69 Reference Used TOC
Depth to Water ____ PID/FID Reading 0.2
Height of Column ____ Interface Yes (No) If yes, Depth ____ Lighter / Heavier

Well Casing Diameter 1.5" Material PVC
Protector Road Box (Stickup)
Ground to Reference 19"
Comments #2 was missing 1.5' plug

General Condition	OK	Bad
Casing Secure	X	X
Collar Intact	X	
Cover Locked	X	
Other (describe)	—	

Development Information

Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO%
12:20		90 psi	150	1	13.56	123	7.80	-19.6	2.10	2.11	29.1
12:30		90 psi	150	2.5	13.61	123	7.44	56.7	2.09	1.04	20.8
* 13:00		90 psi	150	4	14.08	125	7.68	200.2	2.45	3.46	22.2
13:10		90 psi	150	5.5	15.50	125	7.67	246.8	1.88	3.19	14.5
13:20		90 psi	150	7	14.93	124	7.62	314.7	1.43	2.86	14.3
13:30		90 psi	150	8.5	14.84	124	7.60	324.2	1.39	2.17	13.4
13:40		90 psi	150	10	14.94	124	7.59	329.3	1.40	2.37	13.7
13:50		90 psi	150	11.5	14.89	123	7.56	361.0	1.22	1.56	11.6
13:55		90 psi	150	13	15.17	124	7.59	387.7	1.10	1.17	10.9
14:00		90 psi	150	14.5	15.26	124	7.60	399.7	1.02	1.34	10.1
14:05		90 psi	150	16	15.09	124	7.60	407.9	1.04	1.43	10.7 SAMPLE

(#)

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Methanol, DI water, Liquinox
Waste Container ID WT-CT-011

Additional Comments
* Compressor for pump over heated, had to stop purging for 30 min.

Field Personnel (Dennis Ryder) Rich D'Amico *Signature*
Christina Venable Keith Volkert

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	10 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date	7/27/2006
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	14:20
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-102 Sample Number(s) 1174240 1174240f

Initial Field Data and Measurements

Depth of Well 33.79 Reference Used TOC
Depth to Water — PID/FID Reading NA
Height of Column — Interface NA ~~Yes / No~~ ~~If yes, Depth~~ Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector Road Box / (Stickup)
Ground to Reference 1.5'
Comments —

General Condition	OK	Bad
Casing Secure		X
Collar Intact		X
Cover Locked		X
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~Color~~ Comment
1220	*	14/1	100	0	—	—	—	—	—	—	Initial
1225	*	14/1	100	1.5	17.57	74	6.00	15.8	5.07	30.6	52.9
1235	*	14/1	100	1.5	17.02	76	5.95	15.0	4.10	20.8	41.2
1245	*	14/1	100	2.5	16.99	78	5.91	14.4	3.69	15.8	37.0
1255	*	14/1	100	3.5	17.14	62	6.04	-32.7	4.66	18.6	48.4
1305		14/1	100	4.5	17.25	62	6.04	-29.4	4.69	17.3	48.7
1315		14/1	100	5.5	17.17	62	6.05	-31.9	4.66	15.8	46.4
1325		14/1	100	6.5	17.43	61	6.05	-27.7	5.06	11.7	52.7
1335		14/1	100	7.5	17.30	61	6.05	-26.4	5.11	10.4	53.4
1345		14/1	100	8.5	17.68	60	6.04	-21.0	5.55	6.38	58.4
1355		14/1	100	9.5	17.05	57	6.02	-2.3	5.55	4.36	57.6
1405		14/1	100	10.5	17.09	57	6.02	-1.4	5.55	5.81	57.5
1410		14/1	100	11.5	17.04	57	6.02	2.1	5.53	5.01	57.2
1415		14/1	100	12.5	16.99	56	6.02	1.3	5.51	4.84	56.9
1420		14/1	100	13.5	16.91	56	6.02	-0.9	5.49	4.17	56.8 SAMPLE
					27						

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) ~~No~~ If Yes, with what? liquinox, DI, methanol
Waste Container ID NT-CT-011

Additional Comments SN01J0851
* unable to obtain due to tubing obstruction

Field Personnel Dennis Ryder, (Rich D'Amico), Christina Venable, ~~Keith Volkert~~ Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	11 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date	7/19/2006
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	11 : 00
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-114 Sample Number(s) 1174235 1174235MS

Initial Field Data and Measurements

Depth of Well —
Depth to Water 30.4
Height of Column —

Reference Used TOC
PID/FID Reading NA
Interface NA ~~Yes / No~~ ~~If yes, Depth~~ ~~Lighter / Heavier~~

Well Casing Diameter 2" Material PVC

Protector (Road Box) / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Development Information

Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~%RD~~ ~~Comment~~
940	30.4	14/1	100	0	—	—	—	—	—	—	Initial
945	30.6	14/1	100	5	20.67	692	6.59	98.2	4.24	7.57	47.2
955	30.7	14/1	100	1.5	20.00	699	6.44	95.5	3.20	5.01	35.2
1005	30.7	14/1	100	2.5	19.31	949	6.37	136.5	2.12	4.95	23.0
1015	30.7	14/1	100	3.5	19.48	959	6.36	148.0	2.02	3.48	22.1
1025	30.7	14/1	100	4.5	19.92	964	6.35	155.8	1.91	3.02	21.8
1035	30.7	14/1	100	5.5	19.9	796	6.35	166.4	1.84	2.54	20.0
1045	30.7	14/1	100	6.5	19.54	836	6.34	175.6	1.74	2.34	19.1
1050	30.7	14/1	100	7.0	19.41	838	6.34	179.4	1.68	2.21	18.3
1055	30.7	14/1	100	7.5	19.38	839	6.34	180.2	1.68	2.16	18.3
1100	30.7	14/1	100	8	19.35	839	6.34	180.9	1.67	2.05	18.1

(10)

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Liquinox, DI, methanol
Waste Container ID WT-CT-011

Additional Comments SN 030851
also sample with 10 u filter, put on hold.

Field Personnel Dennis Ryder, (Rich D'Amico), Christina Venable, Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 12 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 7/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:07
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-108-109 (FD) Sample Number(s) 1174242 1174242 DT

Initial Field Data and Measurements

Depth of Well —— Reference Used TOR

Depth to Water —— PID/FID Reading NA

Height of Column —— Interface NA ~~Yes / No~~ ~~If yes, Depth~~ ~~Lighter / Heavier~~

Well Casing Diameter 2" Material PVC

Protector (Road Box) / Stickup

Ground to Reference ——

Comments ——

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~Comment~~ % RD
1350	*	14/1	100	0	—	—	—	—	—	—	Initial
1355	*	14/1	100	.5	19.76	669	6.37	76.8	3.41	10.08	37.4
1405	*	14/1	100	1.5	19.70	670	6.32	258.2	1.01	8.15	12.4
1415	*	14/1	100	2.5	19.62	680	6.32	255.1	0.94	7.26	9.8
1425	*	14/1	100	3.5	19.58	688	6.31	250.7	0.82	4.85	7.9
1435	*	14/1	100	4.5	19.56	691	6.30	249.4	0.69	4.05	7.6
1445	*	14/1	100	5.5	19.50	682	6.30	250.8	0.68	4.21	7.5
~~1456~~ 1455	*	14/1	100	6	19.45	682	6.29	252.4	0.67	4.15	7.4
~~1465~~ 1505	*	14/1	100	6.5	19.37	681	6.29	253.8	0.69	4.84	7.5
~~1306~~ 1500 (FD)	*	14/1	100	7	19.29	681	6.30	252.2	0.67	4.21	7.4
~~1505~~ 1505 (FD)	*	14/1	100	7.5	19.31	681	6.29	252.8	0.66	4.15	7.2
					(RD)						

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, DI, methanol

Waste Container ID WR-CT-011

Additional Comments SN 97K095AB

* unable to obtain water level / tubing interference

Field Personnel Dennis Ryder, (Rich D'Amico), Christina Venable, Keith Volkert

Signature

22235 > JH

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

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: Jaime Jarvis
Loureiro Engineering Assoc.
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Jaimie Jarvis

Invoice To: LEA
100 Northwest Dr
Plainville CT 06062
Att: Jamie Jarvis
P.O. No.: _____ RQN: _____

Project No.: 91MH003001
Site Name: [illegible]
Location: [illegible] State: CT
Sampler(s): [illegible]

1=Na_2S2O_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

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other _____

State specific reporting standards: CT RSR - SWPC Tables

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		[illegible]	[illegible]							
	1174235	7/27/06	1100	G	GW	2,9	3					X								
	1174235 JH	7/27/06	1100	G	GW	4,9				1			X							[illegible]
	1174235 VF	7/27/06	1100	G	GW	4,9				1			X							
	1174242	7/27/06	1505	G	GW	2,9	3					X								
	1174242 VF	7/27/06	1505	G	GW	4,9				1			X							
	1174266	7/27/06	1515	G	GW	2,9	3					X								
	1174266 VF	7/27/06	1515	G	GW	4,9				1			X							
	1174265	7/27/06	1530	G	GW	2,9	1					X								
	1174240	7/27/06	1420	G	GW	2,9	3					X								
	1174240 VF	7/27/06	1420	G	GW	4,9				1			X							

☐ Fax results when available to (____) _____
☒ E-mail to JJarvis@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ C 1.9

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	7/27/06	1770
LEA Fridge (JH)	[signature]	7-26-06	1:30

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SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 2 of 3

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: Jaime Jarvis (LEA)
100 Northwest Dr
Plainville CT 06062

Project Mgr.: Jaime Jarvis

Invoice To: LEA
100 Northwest Dr
Plainville CT 06062
Att Jaime Jarvis

P.O. No.: _____ RQN: _____

Project No.: 91MH [illegible]
Site Name: [illegible]
Location: [illegible] State: CT
Sampler(s): [illegible]

1=Na_2S2O_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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		[illegible]	[illegible]							
	1174241	7/27/06	1405	G	GW	2,9	3					X								
	1174241uF	7/27/06	1405	G	GW	4,9				1			X							
	1174236	7/27/06	1130	G	GW	2,9	3					X								
	1174236#34	7/27/06	1130	G	GW	4,9				1			X							Hold 1174236
	1174236uF	7/27/06	1130	G	GW	4,9				1			X							

RJD

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other_____

State specific reporting standards: CT RSR - SWPC [illegible]

☐ Fax results when available to (____) _____
☒ E-mail to JJarvis@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1.9

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Bridge	7/27/06	1730
LEA Bridge (JRJ)	[signature]	7-31-06	1300

Gun #

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

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: Jamie Jarvis
Lauretta Engineering Assoc.
100 Northwest [illegible]
Pleasantville, CT 06[illegible]

Project Mgr.: Jamie Jarvis

Invoice To: [illegible]

P.O. No.: _____ RQN: _____

Project No.: 41[illegible]
Site Name: [illegible]
Location: [illegible] State: [illegible]
Sampler(s): [illegible]

1=Na_2S2O_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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic										
	1174238	7/27/06	1315	G	GW	2/9	3					X								
	1174238 U		1315			4/9				1			X							
	~~1174238 f~~		~~1315~~			~~4/9~~				~~1~~			~~X~~							HOLD
	1174237		1145			2/9	3					X								
	1174237 U		1145			4/9				1			X							
	1174237 f		1145			4/9				1			X							HOLD
	1174239		1440			2/9	3					X								
	1174239 U		1440			4/9				1			X							
	1174239 f/f	7/27/06	1440	G	GW	4/9				1			X							HOLD

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other _____

State specific reporting standards: [illegible]

☐ Fax results when available to (Jamie) [illegible]
☑ E-mail to [illegible]
EDD Format [illegible]

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 1.9

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	7/27/06	1720
(Jeff) LEA Fridge	[signature]	7-31-06	1300

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DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**		Page 1 of 13
Project	Quarterly Groundwater Monitoring and Dev		Date 2/23/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 0745 Departed from Site 1445 Vehicle ST-9 + V6 x 750

Odometer (Start) 0 Return ~~60~~ 60

Site Activities

	Soil Sampling		Geoprobe Work
X	Groundwater Sampling		Concrete Coring
	Surface Water Sampling		Construction
	Vapor/Air Sampling		Waste Management
	Concrete Sampling		
	Other Sampling		Inspection
	Other Sampling		Site Walk Over
			Surveying
	Well Development		Other (Describe)

Current Project Information

Last Sample Number Used	1174250
Last Location ID Used	MW1180
Current Location (if not complete)	—
Sampling for	VOC's Metals
Laboratories used	Spectrum
Paperwork & Equipment left at/in	LEA
Site Contact	Rich Nave
Contractors on Site	—
Time and place to meet contractors	—

Non-productive Time

X	None		Weather
	Equipment Breakdown		Missing Equipment
	Late		Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
X			Sample labels complete
X			Sample/cooler seals OK
X			All samples obtained
X			Chains of custody
X			All forms/logs complete
X			Site condition OK
X			Site H&S Plan on site
X			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid	—	—
Groundwater	85 L	WT-CT-011
Decon Fluid	½ L	WT-CT-011
PPE	—	—
Other	—	—

Weather Conditions

Temperature 90°C Precipitation no Wind no

Comments

Checked By

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
	Drum, Closed Top 55 gallon	086
~~3~~ (4)	Filter, In Line	024
3	Miscellaneous Health & Safety Items	060
~~20'~~	~~Tubing, 1/2", NOS~~	007
~~500'~~	~~Tubing, 3/8", NOS~~	008
	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
4	~~Meter, pH/Temp~~ (YSI rental / US Environmental)	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
3	Turbidimeter (1 rental / VS Equipment)	023
1	VOC Analyzer, Photovac 2020 (PID)	012
3	Water Level Indicator	028
12	Bladder pumps (rental)	
3	compressors + regulators (rental)	
1	Background CO_2 (rental)	

Field Personnel Rich D'Amico, Jamie Jarvis, Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/28/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

0745 - Arrive onsite
0750 - calibrate YSI's + turbidity
0820 - start setting up on MW-110 first well
1105 - Duplicate done on MW116S
1110 - Trip Blank done 1174263
1400 - Got rid of GW in waste drum WT-CT-011 + started packing up
1445 - Depart from site

ED

Field Personnel	Rich D'Amico Jamie Jarvis	Keith Volkert	*Signature*

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**	Page 3 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/28/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

~~pH Meter/Serial #~~ Time 750

	~~Time~~	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration	0130851 AB	4.00	7.00	9.99	1000	98.9	99.9
Calibration Check	9860392 AA	4.00	7.00	10.01	1045	100	98.5
Calibration Check	02A0527 AE	3.95	7.00	10.00	1055	100	99.4
	97K1095 AB	4.00	7.00	9.98	1001	100	100

Turbidity Meter/Serial #

		Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration	#2	0810	✓	✓	✓	✓
Calibration Check	#5	0810	✓	✓	✓	✓
Calibration Check	4641-4303	0810	✓	✓	✓	✓

RID Meter/Serial #

	Time	Standard	Meter Reading	Zero with
Initial Calibration				
Calibration Check		KD		
Calibration Check				

Balance/Serial #

	Time	Standard	Balance
Initial Calibration			
Calibration Check		KD	
Calibration Check			

Comments

Field Personnel	Rich D'Amico	Keith Volkert	*Signature*
	Jamie Jarvis	—	

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Miscellaneous Sample
~~Supplemental Sheet~~

LEA Comm. No.	**91MH603.001**	Page 4 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/28/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

~~Description of Site Activities~~ Miscellaneous Samples

Duplicate	117426~~4~~	1105	MW-116S
Trip Blank	117426~~3~~	1110	

QD

Field Personnel	Rich D'Amico	Keith Volkert	*Signature*
	Jamie Jarvis	—	

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 5 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/28/2006
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 08:50
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-110 Sample Number(s) 1174243 1174243DF

Initial Field Data and Measurements

Depth of Well —
Depth to Water 30.9
Height of Column —

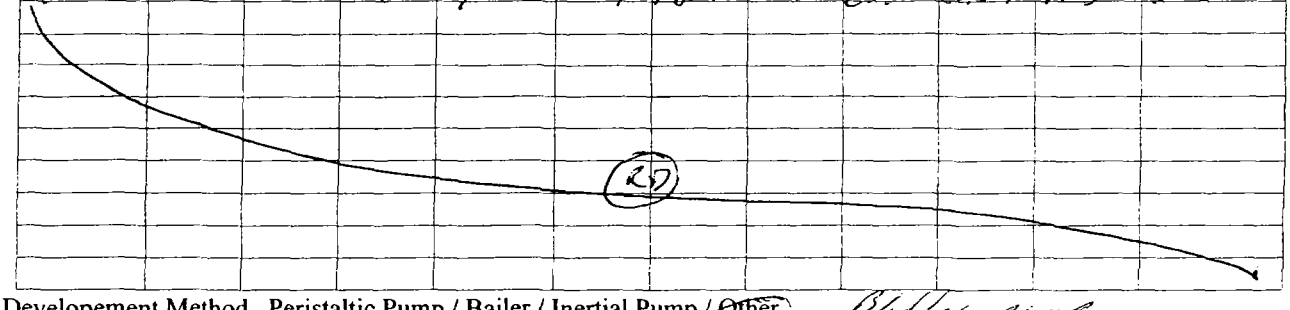
Reference Used TOR
PID/FID Reading NA
Interface NA ~~Yes / No~~ ~~If yes, Depth~~ ~~Lighter / Heavier~~

Well Casing Diameter 2"
Material PVC
Protector (Road Box) / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~Comment~~
0840	30.9	14/1	100	0	—	—	—	—	—	—	Initial
0845	31.2	14/1	100	.5	17.48	1791	6.09	239.2	4.93	32	51.3
0855	31.3	14/1	100	1.5	17.31	1788	6.06	237.9	0.91	18	9.4
0905	31.3	14/1	100	2.5	17.26	1815	6.10	234.8	0.74	10.21	7.6
0915	31.3	14/1	100	3.5	17.28	1847	6.14	232.6	0.57	6.01	6.0
0925	31.3	14/1	100	4.5	17.30	1850	6.15	232.4	0.56	4.82	5.9
0935	31.3	14/1	100	5.5	17.39	1851	6.15	232.5	0.55	4.19	5.8
0940	31.3	14/1	100	6	17.45	1853	6.15	231.8	0.53	3.82	5.5
0945	31.3	14/1	100	6.5	17.48	1853	6.15	232.8	0.55	4.05	5.8
0950	31.3	14/1	100	7	17.44	1854	6.15	233.1	0.54	4.15	5.6



Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / (No) If Yes, with what? —
Waste Container ID WT-CT-011

Additional Comments SW 0150851

Field Personnel ~~Dennis Ryder~~ Jason Jarvis, Rich D'Amico, ~~Christina Venable~~ Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 6 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/28/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:30
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-17D Sample Number(s) 1174244 1174244 of

Initial Field Data and Measurements

Depth of Well _____ Reference Used Top of Riser
Depth to Water 29.45 PID/FID Reading N/A
Height of Column _____ Interface Yes (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO % Comment
0918	29.59	28	100	0	16.55	510	5.72	117.1	4.39	14.7	45.1
0928	29.65	23	75	0.75	17.41	535	5.70	135.3	3.89	16.3	40.2
0935	29.51	30	175	0.98	15.45	520	5.65	148.1	3.78	17.3	38.2
0942	29.55	25	75	2.50	18.38	557	5.69	154.0	3.72	11.3	39.5
0958	29.57	25	75	3.70	17.29	546	5.64	167.7	3.64	8.58	37.9
1004	29.60	24	100	4.30	16.08	531	5.58	179.3	3.60	4.46	36.4
1012	29.59	24	100	5.10	16.16	533	5.59	181.7	3.60	3.95	36.7
1030	29.60	24	100	6.90	16.18	532	5.57	197.9	3.55	2.51	36.3

sample

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes (No) If Yes, with what? _____
Waste Container ID WT-CT-011

Additional Comments Sunny, hot - flowcell in sun - affect temp readings.
~85°F, humid
Purged ~1L prior to readings, to evacuate pump & tubing.

Field Personnel ~~Dennis Ryder~~ Janice Jano ~~Rich D'Amico~~ ✓ ~~Christina Venable~~ ~~Keith Volkert~~ ✓

Signature Janice L Jano

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 7 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/28/96
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:20
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-116D Sample Number(s) 1174246 1174246 Uf

Initial Field Data and Measurements

Depth of Well 58.24 Reference Used TOR
Depth to Water 29.95 PID/FID Reading 0.0
Height of Column 28.29 Interface Yes (No) If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~DO~~ ~~Comment~~	
930	29.95	23	100	1.5	←	START	PUMPING	→			90	
940	29.98	↓	100	2.5	18.64	376	5.95	243.8	4.95	11.2	52.7	
950	29.98		100	3.5	18.11	335	5.97	224.3	1.93	5.86	20.4	
1000	29.98		100	4.5	18.21	371	5.95	222.9	1.59	2.62	16.9	
1005	29.98		100	5.5	18.46	382	5.93	222.9	3.45	2.71	37.5	
1010	29.98		100	6.5	18.59	383	5.95	222.1	3.48	2.30	40.0	
1015	29.98	↓	100	7.5	18.94	382	5.95	222.5	3.46	1.82	40.8	BW
1020	29.98	23	100	8.5	19.03	382	5.95	222.4	3.47	1.63	40.2	SAMPLE

AH

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes (No) If Yes, with what?
Waste Container ID WT-CT-011

Additional Comments

Field Personnel ~~Dennis Ryder~~ Rich D'Amico *Signature*
~~Christina Venable~~ Keith Volkert
Jamie Jarvis

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 3 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/28/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 11:05
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-116S Sample Number(s) 1174247 1174247 DF
1174264 1174264 DF

Initial Field Data and Measurements

Depth of Well 34.90 Reference Used TOR
Depth to Water 28.95 PID/FID Reading 000
Height of Column Interface Yes (No) If yes, Depth NA Lighter / Heavier
Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~Comment~~ DO
930	28.95	2.5	150	2	START PUMPING						
940	29.02		150	3.5	15.56	255	4.83	38.8	8.03	23.8	80.5
950	29.02		150	5	14.49	231	4.32	41.2	7.83	21.6	77.2
1000	29.02		150	6.5	15.55	236	4.29	50.3	7.64	8.45	76.8
1010*	29.02		150	8				FV			
1030	29.02		150	11	17.73	255	4.64	61.7	7.46	3.01	78.1
1035	29.02		120	11.6	18.20	261	4.62	60.7	7.41	2.57	81.1
1040 DV	29.02		120	12.2	17.98	256	4.70	60.0	7.29	1.60	79.3
1045	29.01		120	12.8	18.00	260	4.73	60.0	7.30	1.50	79.0
1055	29.02		120	14	17.67	254	4.72	59.6	7.36	0.87	78.9
1100	29.02	V	120	14.6	18.07	258	4.73	60.1	7.33	0.71	78.3
1105	29.02	2.5	120	15.2	18.00	256	4.72	59.8	7.33	0.75	78.5 SAMPLE

AM

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes (No) If Yes, with what?
Waste Container ID WT-CT-011

Additional Comments

* Air Compressor overheated had to switch Compressors
Duplicate sample was done. Also, sample taken with 10u filter, put on hold (FF)

Field Personnel ~~Dennis Ryder~~ Rich D'Amico *Signature*
~~Christina Venable~~ Keith Volkert
Jamie Jarvis

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 9 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/19/2006
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 11:30
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-11C Sample Number(s) 1174248 1174249DF

Initial Field Data and Measurements

Depth of Well —
Depth to Water 29.65
Height of Column —
Reference Used TOC
PID/FID Reading NA
Interface NA ~~Yes / No~~ ~~If yes, Depth~~ ~~Lighter / Heavier~~

Well Casing Diameter 2" Material PVC

Protector (Road Box) / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~Comment~~ %RD
1010	29.65	14/1	100	0	—	—	—	—	—	—	Initial
1015	29.70	14/1	100	5	21.94	784	6.24	191.6	7.55	3.9	85.5
1025	29.75	14/1	100	1.5	18.80	219	6.16	205.7	6.30	2.6	67.5
1035	29.80	14/1	100	2.5	18.74	221	6.17	209.7	5.88	2.9	63.1
1045	29.80	14/1	100	3.5	18.75	220	6.18	231.9	5.82	2.3	61.9
1055	29.80	14/1	100	4.5	18.75	220	6.19	239.9	5.78	2.5	62.0
1105	29.80	14/1	100	5.5	19.00	221	6.17	249.7	5.83	1.9	61.9
1115	29.80	14/1	100	6.5	19.20	222	6.17	255.9	5.69	1.7	61.4
1120	29.80	14/1	100	7	18.81	220	6.17	260.1	5.70	1.6	61.5
1126	29.80	14/1	100	7.5	18.77	219	6.17	264.4	5.69	1.3	61.3
1130	29.80	14/1	100	8	18.80	220	6.17	261.2	5.70	1.9	61.2

KD

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? —
Waste Container ID WT-CT-011

Additional Comments SN 01J0851

Field Personnel ~~Dennis Ryder~~ Jaime Jarvis, Rich D'Amico, ~~Christina Venable~~ Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 10 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 07/28/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12:20
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-1175 Sample Number(s) 1174245 1174245uf

Initial Field Data and Measurements

Depth of Well 37.92 Reference Used top of casing
Depth to Water 28.58 PID/FID Reading NA
Height of Column 9.34 Interface Yes / (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector (Road Box) Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Development Information

Time / Parameter	Depth to Water	QSI Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO% Comment
1115	28.50	22	150	0	16.31	117	5.47	190.5	1.50	2.42	15.2
1123	28.49	22	125 (0.16)	0.16	16.48	160	5.53	197.8	1.08	1.83	11.0
1138	28.52	22	125 (0.09)	0.24	16.20	170	5.58	196.5	0.67	1.08	8.2
1151	28.50	22	125 (0.1)	0.34	16.06	171	5.60	195.8	0.58	1.19	5.8
1200	28.51	22	125 (0.14)	0.48	16.29	171	5.61	195.6	0.55	1.60	5.6
1211	28.49	22	125 (0.11)	0.59	16.77	175	5.59	196.0	0.48	1.92	4.9
1220	28.50	22	125 (0.14)	0.73	16.82	176	5.61	197.9	0.49	0.88	5.1

Sample

1123 0.0
1138 2.9
1151 4.5
1200 5.6
1211 7.0
1220 8.1

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? _____
Waste Container ID WT-CT-011

Additional Comments Hot, 95°, very humid
Also sample with 10.u filter, put on hold.

Field Personnel ~~Dennis Ryder~~ Jamie Jarvis, Rich D'Amico, ~~Christina Venable~~, Keith Volkert

Signature Jamie L Jarvis

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 11 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/28/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13 40
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-118S Sample Number(s) 1174251 1174251 MS

Initial Field Data and Measurements

Depth of Well 36.45 Reference Used TOR
Depth to Water 29.75 PID/FID Reading 0.0
Height of Column _____ Interface Yes / (No) If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector (Road Box) / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	—	
Collar Intact	—	
Cover Locked		
Other (describe)		

Development Information

Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~Comment~~ DO c/o
1235	29.75	21 psi	150	1.5	← START PUMPING						→
1245	29.9	25	150	3	18.82	1573	5.44	239.5	8.80	27.1	94.9
1255	29.7		150	4.5	17.28	1512	6.40	265.0	8.51	6.29	89.0
1305	29.7		150	6	17.50	1498	5.44	273.5	8.40	4.04	88.0
1310	29.9		150	6.75	17.46	1490	5.44	274.3	8.34	3.12	87.7
1315	29.7		150	7.5	17.54	1475	6.46	276.0	8.43	2.49	88.3
1320	29.9		150	8.25	17.55	1473	6.48	277.1	8.44	2.33	88.5
1325	29.9		150	9	~~17.56~~	1436	5.49	277.9	8.42	2.22	87.8
1330	29.9		150	9.75	17.52	1425	5.49	277.9	8.43	1.51	87.8
1335	29.9	V	150	10.5	17.91	1424	5.50	276.9	8.41	1.28	87.6
1340	29.7	25	150	11.25	17.70	1424	5.60	277.7	8.42	1.30	87.8

Developement Method (Peristaltic Pump) / Bailer / Inertial Pump / (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes (No) If Yes, with what? _____
Waste Container ID WT-CT-011

Additional Comments also sample w/10 u filter, put on hold. (Dff)

Field Personnel ~~Dennis Ryder~~ Rich D'Amico *Signature*
~~Christina Venable~~ Keith Volkert
Jamie Jarvis

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 12 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/29/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:40
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-113 Sample Number(s) 1174249 1174249SF

Initial Field Data and Measurements

Depth of Well —
Depth to Water 33.0
Height of Column —
Reference Used TOR
PID/FID Reading NA
Interface NA ~~Yes / No If yes, Depth~~ ~~Lighter / Heavier~~

Well Casing Diameter 2"
Material PVC
Protector Road Box / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	% DO ~~Comment~~
1220	33.0	14/1	100	0	—	—	—	—	—	—	Initial
1225	33.1	14/1	100	.5	26.70	441	6.30	140.7	6.23	2.3	77.8
1235	33.3	14/1	100	1.5	28.41	448	6.28	150.9	6.02	1.6	75.2
1245	33.35	14/1	100	2.5	29.10	452	6.27	162.1	5.81	2.1	72.1
1255	33.4	14/1	100	3.5	29.33	455	6.26	173.4	5.35	1.8	70.0
1305	33.4	14/1	100	4.5	29.62	463	6.26	176.3	5.27	2.2	69.3
1315	33.4	14/1	100	5.5	29.69	465	6.25	178.9	5.26	1.4	69.3
1325	33.4	14/1	100	6.5	29.18	467	6.25	185.6	5.27	2.4	68.8
1330	33.4	14/1	100	7	28.74	464	6.25	189.4	5.18	2.1	67.4
1335	33.4	14/1	100	7.5	28.82	463	6.25	190.5	5.20	2.2	67.5
1340	33.4	14/1	100	8	29.12	464	6.25	188.8	5.18	2.5	67.5

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what? —
Waste Container ID WT-CT-011

Additional Comments SN 0150851
Also sample with 10 u filter, put on hold. (HF)

Field Personnel ~~Dennis Ryder~~ Jeanne Torres Rich D'Amico ~~Christina Venable~~ Keith Volkert

Signature [signature]

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 13 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 7/25/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:55
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-118D Sample Number(s) 1174250 1174250Df

Initial Field Data and Measurements

Depth of Well 59.25 Reference Used TOR
Depth to Water 30.0 PID/FID Reading 00
Height of Column ____ Interface Yes / (No) If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference ____
Comments ____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~Comment~~ DO %
1235	30.00	22 psi	125	1.15	←	START Pump	IN	C →			
1245	30.23	25	125	2.75	17.81	167	4.52	62.3	8.37	5.18	88.4
1255	30.23	"	125	4	18.31	203	4.45	47.1	8.19	9.36	87.4
1305	30.23		125	5.25	18.40	221	4.44	41.8	7.94	5.84	84.6
1315	30.23		125	5.87	18.71	218	4.45	42.4	7.80	4.73	83.6
1320	30.23		125	6.5	18.71	227	4.51	35.4	7.77	3.91	83.3
1325	30.23		125	7.12	18.19	218	4.39	38.7	7.82	4.27	83.0
1330	30.23		125	7.75	18.13	220	4.49	31.6	7.79	3.07	82.6
1335	30.23		125	8.37	18.78	222	4.51	33.8	7.68	2.36	82.6
1340	30.23		125		18.56	226	4.26	49.4	7.79	2.60	83.0
1345	30.23		125		18.05	223	4.24	49.1	7.80	2.09	82.5
1350	30.23		125		18.30	224	4.25	50.0	7.79	1.83	82.3
1355	30.23	25	125		18.78	224	4.25	49.8	7.80	1.80	82.5 SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / ~~No~~ If Yes, with what? ____
Waste Container ID WT-CT-011

Additional Comments

Field Personnel ~~Dennis Ryder~~ Rich D'Amico ~~Christina Venable~~ Keith Volkert Jamie Jarvis

Signature

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

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: [illegible]
Lovelace Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Project Mgr.: Janice Jarvis

Invoice To: LEA
100 Northwest Drive
Plainville, CT 06062
Attn: Janice Jarvis
P.O. No.: RQN:

Project No.: 91MHC03.001
Site Name: Quarterly Groundwater Monitoring and Dev
Location: Plainfield, Waterbury State: CT
Sampler(s): [illegible]

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9= TCE 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

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: VOC's 8260B, [illegible]

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report
QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other C
State specific reporting standards: CTRSR-SWDC, GA, Residential

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC's 8260B	[illegible]							QA Reporting Notes
	1174243	7/28/06	0950	G	GW	2,9	3					X								
	1174243uF	7/28/06	0950	G	GW	4,9				1			X							
	1174242	7/28/06	1130	G	GW	2,9	3					X								
	1174242uF	7/28/06	1130	G	GW	4,9				1			X							
	1174246	7/28/06	1020	G	GW	2,9	3					X								
	1174246uF	7/28/06	1020	G	GW	4,9				1			X							
	1174247	7/28/06	1105	G	GW	2,9	3					X								
	1174247flf	7/28/06	1105	G	GW	4,9				1			X							HOLD
	1174247uF	7/28/06	1105	G	GW	4,9				1			X							
	1174244	7/28/06	1030	G	GW	2,9	3					X								

HJ 8/2/06

☐ Fax results when available to ( )
☒ E-mail to jljarvis@lowei.o.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1.9

Relinquished by:	Received by:	Date:	Time:
Janice Jarvis	LEA Fridge	7/28/06	1600
LEA Fridge (LEA)	[illegible]	7-31-06	1[illegible]

Gun #15

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SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 2 of 3

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: Tami Jarvis
Lovrero Engineering Assoc.
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Tami Jarvis

Invoice To: LEA
Lovrero Engineering Assoc.
100 Northwest Dr
Plainville CT 06062
P.O. No.: _____ RQN: _____

Project No.: 91MH603.001
Site Name: Quarterly Groundwater Monitoring Dev
Location: Blackwood, Waterbury State: CT
Sampler(s): Rich Wilson, Keith Volkel, Tami Jarvis

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9= TCE 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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		[illegible]	[illegible]							
	1174244	7/28/06	1030	G	GW	4,9				1			X							
	1174264	7/28/06	1105	G	GW	2,9	3					X								
	1174264 flf	7/28/06	1105	G	GW	4,9				1			X							HOLD
	1174264 uf	7/28/06	1105	G	GW	4,9				1			X							
	1174263	7/28/06	1110	G	GW	2,9	1					X								
	1174245	7/28/06	[illegible]	G	GW	2,9	3					X								
	1174245	7/28/06	[illegible]	G	GW	4,9				1			X							HOLD
	1174245 uf	7/28/06	[illegible]	G	GW	4,9				1			X							
	1174250	7/28/06	[illegible]	G	GW	2,9	3					X								
	1174250 uf	7/28/06		G	GW	4,9				1			X							

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other _____

State specific reporting standards: _____

☐ Fax results when available to (____) _____
☐ E-mail to jljarvis@lawrence.com
EDD Format LEA

Relinquished by:	Received by:	Date:	Time:
Tami Jarvis	LEA Fridge C	7/28/06	1600
LEA Fridge (LEA)	[illegible]	7-31-06	1 30

Condition upon receipt: ☐ Iced ☐ Ambient ☒ C 1.9

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

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: Jaime Jones
Lovering Engineering Associates
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Jamie Jones

Invoice To: LEA
Lovering Engineering Associates
100 Northwest Dr
Plainville CT 06062
P.O. No.: _____ RQN: _____

Project No.: 91MH603.001
Site Name: Quarterly Groundwater Monitoring and Reg
Location: Plainville, Waterbury State: CT
Sampler(s): [illegible], [illegible], Jaime Jones

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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		[illegible]	[illegible]							
	1174249	7/28/06	1340	G	GW	2,9	3			1		X								
	1174249	7/28/06	1340	G	GW	4,9				1			X							HOLD
	1174249 of	7/28/06	1340	G	GW	4,9				1			X							
	1174251	7/28/06	1340	G	GW	2,9	3					X								
	1174251	7/28/06	1340	G	GW	4,9				1			X							HOLD
	1174251 of	7/28/06	1340	G	GW	4,9				1			X							

20

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other _____

State specific reporting standards: _____

☐ Fax results when available to (____) _____
☒ E-mail to jljones@lea.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1.9

Relinquished by:	Received by:	Date:	Time:
Jamie L. Jones	LEA Bridge	7/28/06	1600
LEA Bridge (JLJ)	[illegible]	7/31/06	1 30

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DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**		Page 1 of 4
Project	Quarterly Groundwater Monitoring and Dev		Date 10/23/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 845 Departed from Site 1500 Vehicle Ford Van (E-250)

Odometer (Start) Return 24.2

Site Activities

- [ ] Soil Sampling
- [ ] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [x] setting bladder pumps
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [x] water levels
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used
Last Location ID Used
Current Location (if not complete)
Sampling for
Laboratories used
Paperwork & Equipment left at/in office
Site Contact Rich Nave
Contractors on Site LEA
Time and place to meet contractors

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
	✓		Sample labels complete
	✓		Sample/cooler seals OK
	✓		All samples obtained
	✓		Chains of custody
✓			All forms/logs complete
✓			Site condition OK
	✓		Site H&S Plan on site
✓			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater		
Decon Fluid	.75 gal	WT-CT-012
PPE		
Other		

Weather Conditions

Temperature 50° Precipitation — Wind —

Comments

Checked By James L. Jans

Expendable Items Used

Qty	Item	LEA Number
1	Decontamination Supplies	081
1	Miscellaneous Health & Safety Items	060
1	Water, Distilled	025
1	55 gal Close Top Drum	029
1	1/4" PE Tubing (purchased)	999

Equipment Used

Qty	Item	LEA Number
1	Miscellaneous Small Tools & Equipment	152
	Thermo-Anemometer	248
1	Water Level Indicator	028
1	PID (rental)	012

Field Personnel Alex Clarke *Signature*

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 4
Project	Quarterly Groundwater Monitoring and Dev	Date 10/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

- 845 onsite
- contact Rich Nave,
- begin paperwork & calibrations

850 Rich Nave onsite
- locate down gradient area inside large bay next to Huntington Ave entrance

900 Rich Nave offsite
- finish calibrations & equipment setup

920 begin water levels

1012 find MW-111 about 8" below grade, asphalt comes down & in towards road box. Signs of water collection present
- recommend rebuild using 7" roadbox inside existing roadbox to bring well protection up to grade

1050 MW-112 also below grade, could be fixed by the same means as MW-111

1220 finish water levels & first decon of Interface probe
- begin setup for bladder pump installation

1250 Set MW-~~108~~ 109

1316 Set MW-102

1325 Set MW-101

1335 Set MW-103

1344 Set MW-105

1353 Set MW-115

1400 Set MW-114

1427 Finish collecting MW-111

1432 Set MW-113

1443 find MW-110 & take water level

begin clean up & waste management
- notify Rich Nave of my departure

1500 off site

Field Personnel Alex Clarke

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**	Page 3 of 4
Project	Quarterly Groundwater Monitoring and Dev	Date 10/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

pH Meter/Serial # _____

	Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration							
Calibration Check							
Calibration Check							

Turbidity Meter/Serial # _____

	Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration					
Calibration Check					
Calibration Check					

PID Meter/Serial # #4

	Time	Standard	Meter Reading	Zero with
Initial Calibration	905	100	100	ambient air
Calibration Check				
Calibration Check				

Balance/Serial # _____

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel: Alex Clarke

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MONITORING WELL INVENTORY

LEA Comm. No.	**91MH603.001**		Page 4 of 4
Project	Quarterly Groundwater Monitoring and Dev		Date 10/27/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Sample ID	Location ID	Time	Predicted Depth of Well	Predicted Depth to Water	Actual Depth of Well	Actual Depth to Water	PID/FID	Reference Elevation	Comments
1187194	PZ-02	925			38.3	36.39	0.0		
1187195	MW-103	942			34.94	30.68	0.0		
1187196	MW-105	948			36.92	32.0	0.0		
1187197	PZ-01	955			38.63	29.39	0.0		
1187198	MW-115	1000			37.95	31.65	0.5		
1187199	MW-114	1007			37.81	31.33	0.0		
1187200	MW-111	1017			34.87	31.27	0.0		below grade *see note
1187201	MW-113	1026			40.01	33.78	0.0		bolt on cover
1187202	MW118S	1040			36.27	31.08	0.0		
1187203	MW-118D	1042			59.06	31.27	0.0		
1187204	MW-112	1050			34.91	31.23	0.0		below grade
1187205	MW-116S	1057			34.14	30.87	0.0		
1187206	MW-116D	1059			57.48	31.21	0.0		
1187207	MW-117D	1105			52.12	30.99	0.0		
1187208	MW-117S	1108			37.87	30.36	0.0		
1187209	MW-109	1114			34.56	31.68	0.0		
1187210	MW-110								not found *see note
1187211	MW-102	1144			33.79	26.14	0.0		
1187212	MW-101	1210			32.65	4.31	0.0		
1187213	MW-108	1157			36.13	33.4	0.0		32.37 = NAPL
1187214	PZ-04	1211			38.79	35.5	4.5		31.25 = NAPL
1187215	MW-110	1443			39.62	32.5	0.0		
1187216									
1187217									
1187218									

Field Personnel Alex Clarke *Signature*

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.002**	Page 1 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Arrived at Site 745 Departed from Site 1700 Vehicle E25 Van + personal

Odometer (Start) 0 Return 68

Site Activities

- [ ] Soil Sampling
- [x] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [x] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	
Last Location ID Used	
Current Location (if not complete)	
Sampling for	VOCs, Metals
Laboratories used	Spectrum
Paperwork & Equipment left at/in	office
Site Contact	
Contractors on Site	LEA
Time and place to meet contractors	—

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
✓			Sample labels complete
	✓		Sample/cooler seals OK
✓			All samples obtained
✓			Chains of custody
✓			All forms/logs complete
✓			Site condition OK
✓			Site H&S Plan on site
✓			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater	15 gallon	WT-CT-012
Decon Fluid		
PPE		
Other		

Weather Conditions

Temperature 60° Precipitation none Wind 5-10 mph

Comments

Checked By Jamie L. Jaro

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
~~2~~ 1	Drum, Closed Top 55 gallon	086
	Filter, In Line	024
3	Miscellaneous Health & Safety Items	060
	Tubing, 1/2", NOS	007
	Tubing, 3/8", NOS	008
2	Water, Distilled	025
900' ~~0~~	Tubing, 1/4"	
	CO_2 tanks, replacement bladders, parts (purchase rent)	

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
3 ~~4~~	Turbidimeter	023
1	VOC Analyzer, Photovac 2020 (PID)	012
3	Water Level Indicator	028
3	YSI 600XL water quality meter (rent)	
1	Backpack compressor/regulator (rent)	
2	compressor 3020 (rent)	
2	flow regulators - MP10 controllers (rent)	
9	bladder pumps (rent)	

Field Personnel Jon Dippert ~~Dennis Ryder~~ Luke Chmielecki Christina Venable

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.002**	Page 2 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

745 ~~845~~ - on site
- site walk

820 ~~920~~ - calibrate equipment

900 - LC set up on MW-101 and MW-102
- CV set up on MW-103
- JD set up in MW-105

1115 - CV off site to yard to get more batteries

1200 - CV on site

1420 - JD + CV finished sampling, started decon of bladder pumps, equipment blank, and organize van
- LC set up on MW-109

1535 - JD + CV set bladder pumps

1620 - LC waste management

1700 - off site

JD

Field Personnel	Jon Dippert	~~Dennis Ryder~~	*Signature*
	Luke Chmielecki	Christina Venable	

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.002**		Page 3 of 13
Project	Quarterly Groundwater Monitoring and Dev		Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

pH Meter/Serial #

		Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration	94K1014 AB	825	4.00	7.00	10.01	1000	100.0	98.8
Calibration Check	03E0042 AD	825	4.00	7.00	10.00	1000	99.9	99.2
Calibration Check	94F0676 AB	825	4.00	7.00	10.01	1000	100.0	100.0

Turbidity Meter/Serial #

		Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration	#6	850				
Calibration Check	#3	852	✓	✓	✓	✓
Calibration Check	#2	855	✓	✓	✓	✓

PID Meter/Serial # PPX50014

		Time	Standard	Meter Reading	Zero with
Initial Calibration	10/26/06	835	100		ambient air
Calibration Check					
Calibration Check					

Balance/Serial #

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments Unable to calibrate PID on site, no calibration gas with PID, calibrated by VS Environ on 10/26/06

Field Personnel	Jon Dippert	~~Dennis Ryder~~	*Signature*
	Luke Chmielecki	Christina Venable	

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISCELLANEOUS SAMPLES

LEA Comm. No.	**91MH603.002**	Page 4 of 13	
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Sample ID	Location ID	Time	Sample Type	Depth (ft)	PID/FID Reading	Comments	Waste Cont. ID
1187403	trip blank	910	BKT	—	—	trip blank	—
1187401	equip blank	1525	BKE	—	—	equip blank	—
1187400	MW-109	1540	DUP	—	0.0	Duplicate	WT-CT-012

Field Personnel	Jon Dippert	~~Dennis Ryder~~	***Signature***	
	Luke Chmielecki	Christina Venable		

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 5 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 0920
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-103 Sample Number(s) 1187379 1187379 cf

Initial Field Data and Measurements

Depth of Well ! Reference Used TOC
Depth to Water 30.62 PID/FID Reading 0.0
Height of Column Interface n/m ~~Yes / No~~ If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		X
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
9 15	30.62	103	150		Start Pumping						
9:25	30.69	103	150	1.5	13.94	88	5.94	121.3	12.24	1.21	
9:35	30.69	103	150	3.0	13.92	83	5.72	131.9	X	0.63	
9:45	30.69	103	150	4.5	14.14	82	5.59	139.6	↓	0.56	
9:55	30.69	103	150	6	14.00	83	5.55	143.8		0.59	
10:15	30.69	103	150	9	14.56	86	5.52	146.1		0.52	
10 20	30.69	103	150	11.75	14.49	86	5.53	145.8	↓	0.32	

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / ~~No~~ If Yes, with what? Liquinox, DI, Meth, Nitric
Waste Container ID WT-CT-012

Additional Comments DO readings suspect, therefore not taken

Field Personnel Jon Dippert, Luke Chmielecki, Dennis Ryder, Christina Venable *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 10 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12:43
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-115 Sample Number(s) 1187380 1187380 DUP

Initial Field Data and Measurements

Depth of Well ~~MW-115~~ Reference Used TOC
Depth to Water 31.58 PID/FID Reading NM
Height of Column Interface NM ~~Yes / No~~ If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road ~~Box~~) / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		✓
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
12:30	31.58	103	100			Start Pumping					
12:30	31.70	103	100	1	15.21	1389	5.90	126.1	*	1.81	
12:35	31.70	103	100	2	15.13	1387	5.89	126.9	*	0.81	
12:40	31.70	103	100	3	15.10	1385	5.88	128.0	*	0.81	
12:43	31.70	103	100	3.3	15.11	1385	5.88	128.3	*	0.83	

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, DI, meth, Nitric
Waste Container ID WT-CT-02

Additional Comments

Field Personnel Jon Dippert, Dennis Ryder, Luke Chmielecki, Christina Venable *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 7 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:58
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-113 Sample Number(s) 1187381 1187381 uf

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOC
Depth to Water 33.35 PID/FID Reading 0.0
Height of Column _____ Interface N/M Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector Road Box / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		✓
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
13:18	33.35	103	100			Start Pumping					
13:28	33.38	103	100	1	17.78	617	6.03	114.9	*	9.50	
13:38	33.38	103	100	2	17.86	615	6.00	115.6		7.45	
13:48	33.38	103	100	3	17.80	615	5.97	118.4		6.60	
13:58	33.38	103	100	4	17.21	605	5.99	118.4		4.67	

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what? Liquinox, DI, methanol, Nitric
Waste Container ID WI-CT-012

Additional Comments * DO Readings Suspect

Field Personnel Jon Dippert, Luke Chmielecki, Dennis Ryder, Christina Venable Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 8 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:30
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-105 Sample Number(s) 1187382 1187382DF

Initial Field Data and Measurements

Depth of Well — Reference Used TOR
Depth to Water 31.63 PID/FID Reading 0.0
Height of Column — Interface ~~Yes / No~~ If yes, Depth NM Lighter / Heavier

Well Casing Diameter 2.0" Material PVC
Protector (Road Box) / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Development Information

Time / Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
935	31.63	103	100	0	— Start of purging						
945	31.63			1.0	16.28	55	7.23	112.8	~~76.9~~ 7.55	3.44	76.9
950	31.63			1.5	16.22	55	6.77	127.0	7.58	2.50	72.1
955	31.63			2.0	16.03	50	6.47	140.2	7.68	2.04	72.8
1000	31.63			2.5	16.16	50	6.41	143.8	7.59	1.78	77.2
1005	31.63			3.0	16.07	49	6.32	150.1	7.62	1.34	77.3
1010	31.63			3.5	15.84	49	6.29	154.8	7.62	0.95	77.0
1015	31.63			4.0	15.83	49	6.28	157.9	7.60	0.16	76.7
1020	31.63			4.5	15.86	49	6.24	160.3	7.58	0.18	76.6
1025	31.63	↓	↓	5.0	15.87	49	6.24	162.5	7.58	0.21	76.6
1030	31.63	103	100	5.5	15.87	49	6.24	160.8	7.57	0.68	76.5 Sample

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, DI, MeOH, Nitric
Waste Container ID WT-CT-012

Additional Comments

Field Personnel Jon Dippert, ~~Dennis Ryder~~, Luke Chmielecki, Christina Venable *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 9 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 11 :15
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-102 Sample Number(s) 1187383 1187383 of

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOR
Depth to Water 29.2 PID/FID Reading 0.0
Height of Column _____ Interface NA Yes / No If yes, Depth (LL) Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector Road Box / (Stickup)
Ground to Reference _____
Comments (LL)

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)	(LL)	

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
0935	29.2	103	100	0							Purge Started
0945	29.2			1	10.85	284	6.57	-158.3	2.21	67.4	
0955	29.2			2	10.35	144	6.38	-132.0	1.24	31.3	
1005	29.2			3	10.95	128	6.32	-116.7	1.24	54.1	
1015	29.2			4	11.29	135	6.35	-75.5	1.11	44.2	
1025	29.2			5	11.53	130	6.35	-81.8	1.23	37.0	
1035	29.2			6	11.42	133	6.38	-79.7	1.37	27.4	(LL)
1045	29.4			7	11.41	137	6.44	-72.6	1.66	17.3	
1055	29.7			8	11.44	138	6.47	-66.4	1.95	12.6	
1105	29.7			9	11.78	138	6.47	-65.9	2.01	6.51	
1110	29.8			9.5	11.76	137	6.47	-66.1	2.02	5.74	
1115	29.8	103	100	10	11.77	137	6.47	-65.9	2.01	5.81	Sampled
					(LL)						

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Liquinox, DI, Nitric, methanol
Waste Container ID 55-27-02

Additional Comments

(LL)

Field Personnel Jon Dippert, Dennis Ryder, Luke Chmielecki, Christina Venable *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 10 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:20
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-101 Sample Number(s) 1187384 1187384vf

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOR
Depth to Water 2.55 PID/FID Reading 0.0
Height of Column _____ Interface NA Yes / No If yes, Depth _____ (LC) Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector Road Box (Stickup)
Ground to Reference _____
Comments (LC) _____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		(LC)

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
1245	2.55	103	100	0							Purge Started
1255				1	12.42	159	5.69	146.6	0.77	0.22	
1305				2	12.41	161	5.41	172.6	0.37	0.20	(LC)
1310				2.5	12.43	163	5.36	180.1	0.36	0.15	
1315				3	12.43	161	5.35	181.2	0.36	0.16	
1320	2.55	103	100	3.5	12.42	162	5.36	180.9	0.36	0.14	Sampled

(LC)

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, DI, Nitric, Methanol
Waste Container ID WI-CT-012

Additional Comments (LC)

Field Personnel Jon Dippert, Luke Chmielecki, Dennis Ryder, Christina Venable *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 11 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 15:40
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-9 Sample Number(s) 1187385 1187385uf
1187400 1187400uf

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOR
Depth to Water 31.8 PID/FID Reading 0.0
Height of Column _____ Interface NA Yes / No If yes, Depth (LL) Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference (LL)
Comments _____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)	(LL)	

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
1445	31.8	103	100	0							Purge Started
1455	31.8			1	14.80	434	6.58	175.7	1.59	1.66	
1505	31.8			2	15.12	440	6.59	171.8	1.08	0.82	
1515	31.9			3	15.33	439	6.58	169.3	1.18	1.45	
1525	31.9			4	15.34	436	6.58	167.5	1.16	1.75	(LL)
1530	31.9			4.5	15.41	433	6.58	166.2	1.17	1.19	
1535	32.0			5	15.42	434	6.58	166.4	1.17	1.14	
1540	32.0	103	100	5.5	15.40	433	6.58	166.2	1.16	1.17	Sampled
					(LL)						

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, DI, Methanol, Nitric
Waste Container ID LIT-CT-012

Additional Comments (LL)

Field Personnel Jon Dippert, Luke Chmielecki, Dennis Ryder, Christina Venable Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 12 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12:00
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-114 Sample Number(s) 1187397 1187397 vf

Initial Field Data and Measurements

Depth of Well — Reference Used TOR
Depth to Water 30.98 PID/FID Reading 0.0
Height of Column — Interface ~~Yes / No~~ If yes, Depth NM Lighter / Heavier

Well Casing Diameter 2.0 in Material PVC
Protector (Road Box) / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
1110	30.98	103	100	0	Start of purging						
1120	31.00			1.0	16.54	258	6.23	136.0	3.33	4.56	34.1
1130	31.00			2.0	16.80	153	6.22	149.1	2.76	2.04	28.5
1140	31.00			3.0	16.81	127	6.13	154.0	2.64	1.05	27.3
1145	31.00			3.5	16.94	118	6.12	155.9	2.64	1.01	27.3
1150	31.00			4.0	16.89	114	6.11	156.5	2.43	0.83	26.1
1155	31.00			4.5	16.71	113	6.12	156.0	2.38	0.69	24.4
1200	31.00	103	100	5.0	16.65	113	6.12	156.4	2.39	0.42	24.6 Sample

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Liquinox, DI, Methanol, Nitric
Waste Container ID WT-CT-012

Additional Comments

Field Personnel Jon Dippert, ~~Dennis Ryder~~, Luke Chmielecki, Christina Venable *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 13 of 13
Project	Quarterly Groundwater Monitoring and Dev	Date 10/30/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 14:30
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-111 Sample Number(s) 1187398 1187398 of

Initial Field Data and Measurements

Depth of Well — Reference Used TOR
Depth to Water 30.88 PID/FID Reading 0.0
Height of Column — Interface ~~Yes / No~~ If yes, Depth NM Lighter / Heavier

Well Casing Diameter 2.0in Material PVC
Protector Road Box / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
1315	30.88	103	100	0	start of purging						
1325	30.99	103	100	1.0	17.98	81	5.51	157.2	1.68	4.18	17.7
1335	30.99	103	100	2.0	17.87	73	5.47	182.8	1.33	2.74	14.0
1345	30.99	103	100	3.0	17.83	78	5.49	194.4	1.24	1.62	13.1
1350	30.99	103	100	3.5	17.73	86	5.50	202.6	1.31	0.41	13.8
1355	30.99	103	100	4.0	17.69	98	5.52	206.6	1.34	0.29	14.1
1400	30.99	103	100	4.5	17.61	100	5.53	208.2	1.34	0.12	14.1
1405	30.99	103	100	5.0	17.63	108	5.54	212.1	1.23	0.08	12.9
1410	30.99	103	100	5.5	17.66	110	5.54	213.4	1.28	0.74	13.4
1415	30.99	103	100	6.0	17.68	113	5.55	214.6	1.30	0.56	13.5
1420	30.99	103	100	6.5	17.61	120	5.56	217.4	1.25	0.62	13.1
1425	30.99	103	100	7.0	17.54	123	5.56	221.2	1.25	0.59	13.1
1430	30.99	103	100	7.5	17.57	122	5.56	220.2	1.25	0.47	13.0 sample

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what? Liquinox, DI, Methanol, Nitric
Waste Container ID WT-CT-012

Additional Comments filtered sample taken (metals)

Field Personnel Jon Dippert ~~Dennis Ryder~~ *Signature*
Luke Chmielecki Christina Venable

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: [illegible]
[illegible]
[illegible]
[illegible]
Project Mgr.: [illegible]

Invoice To: [illegible]
[illegible]
[illegible]
P.O. No.: _____ RQN: _____

Project No.: [illegible]
Site Name: [illegible]
Location: [illegible] State: CT
Sampler(s): [illegible]

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9= [illegible] 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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs	[illegible]						
	1187371	10/[illegible]/06	[illegible]	G	GW	2,9	3					X							
	1187379 of		[illegible]			4,9				1			X						
	1187380		[illegible]			[illegible]	3					X							
	[illegible]		[illegible]			[illegible]				1			X						
	1187381		[illegible]			[illegible]	3			1		X	X						Hold metals
	[illegible]		[illegible]			[illegible]				1			X						
	1187382		[illegible]			[illegible]	3					X							
	[illegible] of		[illegible]			4,9				1			X						
	1187383		11:15			[illegible]	3			1		X	X						Hold metals
	1187385 of		11:15			4,9				1			X						

Containers: | Analyses:

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other _____

State specific reporting standards: [illegible]

☐ Fax results when available to (____) _____
☐ E-mail to [illegible]
EDD Format [illegible]

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C [illegible]

Relinquished by:	Received by:	Date:	Time:
[illegible]	[illegible]	10/30/06	17:45
[illegible]	[illegible]	11-1-06	1148

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page ___ 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: _____

Invoice To: _____

Project No.: _____

Site Name: _____

Location: _____ State: _____

Project Mgr.: _____

P.O. No.: _____ RQN: _____

Sampler(s): _____

1=Na_2S2O_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:							QA Reporting Notes: (check if needed)

☐ Provide MA DEP MCP CAM Report
☑ Provide CT DPH RCP Report

QA/QC Reporting Level
☑ Standard ☐ No QC
☐ Other _____

State specific reporting standards: _____

☐ Fax results when available to (____) _____
☑ E-mail to _____
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 1.1

Relinquished by:	Received by:	Date:	Time:

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

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: Jamie Simko
LEP
KC Avalon Dr
Uncasville, CT
Project Mgr.: Jamie Simko

Invoice To: LEP
KC Avalon Dr
Uncasville, CT
P.O. No.: _____ RQN: _____

Project No.: 9/MHCS02
Site Name: MacDonald
Location: Westbrook State: CT
Sampler(s): Matt Lavoie, Hancock

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	RCP MetalsPCBs	QA Reporting Notes: (check if needed)
	1187403	10/26/06	9:10	G	GW	2,3	1				X		☐ Provide MA DEP MCP CAM Report ☒ Provide CT DPH RCP Report
	1187401	10/26/06	8:25	G	GW	X1	3			1	X		**QA/QC Reporting Level** ☒ Standard ☐ No QC ☐ Other GA Residential
	1187402	10/26/06	10:25	G	GW	4,7				1		X	State specific reporting standards:

☐ Fax results when available to (____) _____
☐ E-mail to _____
EDD Format _____
Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 7.1

Relinquished by:	Received by:	Date:	Time:
	LEP Vantage	10/31/06	17:45
		11-1-06	1148

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.002**		Page 1 of 12
Project	Quarterly Groundwater Monitoring and Dev		Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 745 Departed from Site 1430 Vehicle E250 Van + personal

Odometer (Start) 0 Return 32

Site Activities

- [ ] Soil Sampling
- [x] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [x] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	
Last Location ID Used	
Current Location (if not complete)	
Sampling for	VOC; metals
Laboratories used	Spectrum
Paperwork & Equipment left at/in	office
Site Contact	
Contractors on Site	LEA
Time and place to meet contractors	—

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
✓			Sample labels complete
	✓		Sample/cooler seals OK
✓			All samples obtained
✓			Chains of custody
✓			All forms/logs complete
✓			Site condition OK
✓			Site H&S Plan on site
✓			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater	17.6 gallon	UT-CT-012
Decon Fluid		
PPE		
Other		

Weather Conditions

Temperature 65° Precipitation none Wind 0-5 mph

Comments

Checked By Janice L. Jans

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
	Drum, Closed Top 55 gallon	086
	Filter, In Line	024
3	Miscellaneous Health & Safety Items	060
	Tubing, 1/2", NOS	007
	Tubing, 3/8", NOS	008
	Water, Distilled	025
10'	Tubing, ¼"	

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
3	Turbidimeter	023
1	VOC Analyzer, Photovac 2020 (PID)	012
3	Water Level Indicator	028
1	backpack compressor/regulatn (rent)	
3	YSI 600XL water quality meter (rent)	
2	compressors-3000 (rent)	
2	flow controllers/regulators MP10 (rent)	
8	bladderpumps (rent)	

Field Personnel Jon Dippert, Luke Chmielecki, Dennis Ryder, ~~Christina Venable~~

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.002**	Page 2 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

745 - on site
- calibrate equipment
810 - set up on wells and start sampling
1400 - finish sampling
- clean up site, pack up equipment, waste management
1430 - off site

Field Personnel	Jon Dippert	Dennis Ryder	***Signature***
	Luke Chmielecki	~~Christina Venable~~	

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.002**	Page 3 of 12	
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

pH Meter/Serial #

		Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration	94K1014 AG	750	4.00	7.00	10.01	1100	100.0	99.6
Calibration Check	99F0676 AS	750	4.00	7.00	10.00	1000	100.0	100.0
Calibration Check	03E0042 AD	750	4.00	7.00	10.01	999	99.9	99.8

Turbidity Meter/Serial #

		Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration	#6	820	✓	✓	✓	✓
Calibration Check	#2	820	✓	✓	✓	✓
Calibration Check	#3	820	✓	✓	✓	✓

PID Meter/Serial # PPXJ0014

	Time	Standard	Meter Reading	Zero with
Initial Calibration	745	100	—	ambient air
Calibration Check				
Calibration Check				

Balance/Serial #

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments No cal gas for PID

Field Personnel: Jon Dippert, Luke Chmielecki, Dennis Ryder, ~~Christina Venable~~

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISCELLANEOUS SAMPLES

LEA Comm. No.	**91MH603.002**	Page 4 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Sample ID	Location ID	Time	Sample Type	Depth (ft)	PID/FID Reading	Comments	Waste Cont. ID
118702	trip	840	BKT	—	—	trip blk	—

Field Personnel	Jon Dippert	Dennis Ryder	***Signature***
	Luke Chmielecki	~~Christina Venable~~	

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 5 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 9:40
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-117D Sample Number(s) 1187386 1187386vf

Initial Field Data and Measurements

Depth of Well — Reference Used TOR
Depth to Water 30.70 PID/FID Reading 0.0
Height of Column — Interface ~~Yes / No~~ If yes, Depth — Lighter / Heavier

Well Casing Diameter 2.0" Material PVC
Protector (Road Box) / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
0835	30.70	103	100	0	Start of purging						
0845	30.93			1.0	13.08	419	5.96	127.4	4.32	1.32	41.1
0855	30.93			2.0	12.99	440	5.91	145.7	3.68	1.26	34.8
0905	30.93			3.0	12.95	440	5.90	151.1	3.58	2.53	34.2
0910	30.93			3.5	12.96	440	5.91	152.1	3.58	2.60	34.0
0920	30.93			4.5	12.98	441	5.90	158.9	3.52	1.07	33.4
0925	30.93			5.0	12.99	441	5.90	159.3	3.51	0.89	33.5
0930	30.93			5.5	12.99	441	5.90	159.2	3.50	0.43	33.2
0935	30.93	↓	↓	6.0	13.00	441	5.90	160.8	3.49	0.39	33.2
0940	30.93	153	150	6.5	13.00	441	5.90	159.6	3.51	0.50	33.4 sample

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? —
Waste Container ID LT-CT-012

Additional Comments

Field Personnel Jon Dippert, Luke Chmielecki, Dennis Ryder, ~~Christina Venable~~ *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 6 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 09:45
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-112 Sample Number(s) 1187389 1187389 DUP

Initial Field Data and Measurements

Depth of Well — Reference Used TOR
Depth to Water 31.1 PID/FID Reading 0.0
Height of Column — Interface NA Yes / No If yes, Depth (LL) Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference
Comments (LL)

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)	(LL)	

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
0820	31.1	103	100	0							Purge Started
0830	31.1			1	14.23	206	6.21	106.9	10.00	16.5	
0840	31.1			2	14.40	213	6.16	110.4	9.79	6.92	
0850	31.1			3	14.44	224	6.13	113.8	9.82	3.50	
0900	31.1			4	14.49	236	6.12	115.7	9.94	2.10	
0910	31.1			5	14.55	245	6.11	117.8	9.75	1.72	(LL)
0920	31.1			6	14.65	250	6.11	118.5	9.80	1.06	
0930	31.1			7	14.82	257	6.10	119.5	9.64	0.77	
0935	31.1			7.5	14.82	260	6.10	120.0	9.69	0.65	
0940	31.1			8	14.81	259	6.10	120.4	9.68	0.44	
0945	31.1	103	100	8.5	14.81	259	6.10	119.9	9.69	0.47	Sampled
					(LL)						

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes (No) If Yes, with what?
Waste Container ID WT-CT-012

Additional Comments (LL)

Field Personnel Jon Dippert, Dennis Ryder, Luke Chmielecki, Christina Venable *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 7 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 9:55
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-16D Sample Number(s) 1187394 1187394DF

Initial Field Data and Measurements

Depth of Well — Reference Used TOC
Depth to Water — PID/FID Reading 0.0
Height of Column — Interface Yes / (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference —
Comments

General Condition	OK	Bad
Casing Secure	Y	
Collar Intact	Y	
Cover Locked	Y	
Other (describe)	—	—

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO%
8:30		110 psi	100	0	—	—	INITIAL	—	—	—	—
8:40		110 psi	100	1	13.30	27.0	6.28	105.8	2.38	2.69	21.9
8:50		110 psi	100		13.18	289	6.17	108.8	3.31	2.07	31.3
9:00		110 psi	100		13.66	235	6.09	119.2	2.52	1.88	24.2
9:10		110 psi	100		13.88	382	6.08	128.6	1.49	1.11	15.7
9:20		110 psi	100		14.06	509	6.08	131.7	1.50	1.37	14.7
9:30		110 psi	100		14.09	509	6.08	129.1	1.43	0.89	14.2
9:40		110 psi	100		14.09	509	6.08	129.4	1.50	1.06	14.5
9:45		110 psi	100		14.15	509	6.08	130.2	1.46	0.84	14.2
9:50		110 psi	100		14.28	509	6.08	129.7	1.41	0.86	14.2
9:55		110 psi	100	8.5	14.36	509	6.08	129.8	1.46	0.71	14.2

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? _____
Waste Container ID UT-CT-012

Additional Comments
* Water level indicator was not working properly.

Field Personnel Jon Dippert, (Dennis Ryder), Luke Chmielecki, Christina Venable *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 8 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 11:50
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-117S Sample Number(s) 1187387 1187387 of

Initial Field Data and Measurements

Depth of Well — Reference Used TOC

Depth to Water 30.15 PID/FID Reading 0.0

Height of Column — Interface ~~Yes / No~~ If yes, Depth — Lighter / Heavier

Well Casing Diameter 2.0" Material PVC

Protector ~~Road Box~~ / Stickup

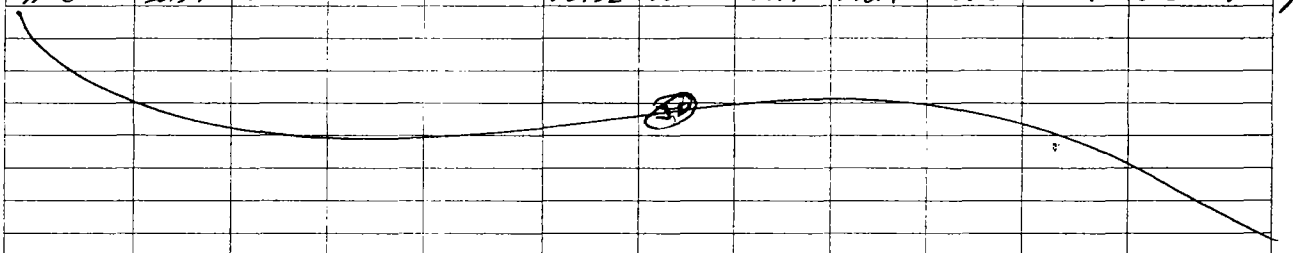
Ground to Reference —

Comments —

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
1025	30.15	103	600	0	Start of purging						
1035	30.37			1.0	13.98	102	5.84	142.0	1.48	5.80	14.3
1045	30.37			2.0	15.08	120	5.84	156.0	1.25	1.56	12.4
1055	30.37			3.0	15.08	121	5.82	161.7	1.00	1.37	10.6
1105	30.37			4.0	15.11	121	5.82	164.0	1.01	0.91	10.0
1115	30.37			5.0	15.10	120	5.82	165.4	0.93	0.87	9.3
1125	30.37			6.0	15.18	120	5.82	167.8	0.85	0.64	8.4
1135	30.37			7.0	15.15	120	5.82	169.8	0.84	0.39	8.3
1140	30.37			7.5	15.30	120	5.81	171.0	0.80	0.23	8.0
1145	30.37	↓	↓	8.0	15.26	120	5.81	171.5	0.80	0.67	8.0
1150	30.37	103	100	8.5	15.32	120	5.81	170.9	0.82	0.34	8.2 Sample



Developement Method Peristaltic Pump / Bailer / Inertial Pump / ~~Other~~ Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? —

Waste Container ID 67-CT-012

Additional Comments Filtered metals sample taken

Field Personnel Jon Dippert, Dennis Ryder, Luke Chmielecki, ~~Christina Venable~~ *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 9 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 11:50
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-1185 Sample Number(s) 1187390 1187390 Df

Initial Field Data and Measurements

Depth of Well — Reference Used TOR
Depth to Water 30.95 PID/FID Reading 0.0
Height of Column — Interface NA Yes / No If yes, Depth (Lc) Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference
Comments (Lc)

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)	(Lc)	

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
1050	30.95	103	100	0							Purge Started
1100	30.95			1	14.13	1434	5.67	126.3	13.83	12.9	
1110	30.95			2	15.03	1453	5.55	132.6	13.39	3.26	
1120	30.95			3	15.30	1465	5.54	134.7	13.32	3.75	
1130	30.95			4	15.50	1469	5.54	136.0	13.43	2.05	(Lc)
1135	30.95			4.5	15.59	1473	5.54	136.6	13.41	1.54	
1140	30.95			5	15.58	1472	5.54	137.2	13.32	1.02	
1145	30.95			5.5	15.58	1471	5.54	137.0	13.34	0.82	
1150	30.95	103	100	6	15.59	1472	5.54	136.9	13.32	0.79	Sampled
					(Lc)						

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes (No) If Yes, with what?
Waste Container ID WT-CT-012

Additional Comments (Lc)

Field Personnel Jon Dippert, Dennis Ryder, Luke Chmielecki, Christina Venable Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 10 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12:30
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-16S Sample Number(s) 1187395 1187395vf

Initial Field Data and Measurements

Depth of Well — Reference Used TOC
Depth to Water — PID/FID Reading —
Height of Column — Interface Yes / (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference ~
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)	—	

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO %
10:10		~~100~~ 70 psi	100	0			INITIAL				
10:20		70 psi	100	1	16.76	179	6.58	122.1	6.42	>1000	58.6
10:40		70 psi	100		15.72	224	6.42	124.5	7.71	714	74.8
11:00		70 psi	100		15.11	198	6.43	134.3	9.43	181	69.9
11:20		70 psi	100		15.20	198	6.43	137.0	9.08	101	86.5
11:40		70 psi	100		15.12	201	6.43	140.5	6.82	66.5	72.3
12:00		70 psi	100		15.11	202	6.43	141.9	8.67	37.0	86.3
12:10		70 psi	100		15.09	202	6.44	142.0	8.60	31.8	85.7
12:15		70 psi	100		15.04	202	6.43	143.4	8.49	31.5	84.3
12:20		70 psi	100		15.13	203	6.43	144.3	8.52	24.7	84.7
12:25		70 psi	100		15.11	202	6.43	144.5	8.45	18.7	85.1
12:30		70 psi	100	14.0	15.08	202	6.43	144.6	8.40	19.8	83.5
						JK					

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes (No) If Yes, with what? _____
Waste Container ID VT-CT-012

Additional Comments
* Water level indicator was not working correctly
JK * SAM Metals sample filtered using .10 micron filter

Field Personnel Jon Dippert, (Dennis Ryder), Luke Chmielecki, Christina Venable **Signature**

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 11 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:30
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-118D Sample Number(s) 1187391 1187391 Uf

Initial Field Data and Measurements

Depth of Well — Reference Used TOR
Depth to Water 31.05 PID/FID Reading 0.0
Height of Column ____ Interface NA Yes / No If yes, Depth (LL) Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) Stickup
Ground to Reference ____
Comments (LL)

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)	(LL)	

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
1220	31.05	103	100	0							Purge Started
1230	31.05			1	15.42	494	5.64	137.4	11.55	18.0	
1240	31.05			2	15.68	417	5.60	139.9	11.04	22.3	
1250	31.05			3	15.60	398	5.59	141.5	11.09	13.3	
1300	31.05			4	15.32	370	5.58	142.2	11.31	7.64	(LL)
1310	31.05			5	15.35	358	5.58	142.8	12.34	5.78	
1320	31.05			6	15.45	353	5.58	143.6	11.17	4.91	
1325	31.05			6.5	15.50	354	5.58	143.4	11.20	4.78	
1330	31.05	103	100	7	15.49	354	5.58	143.4	11.19	4.80	Sampled

(LL)

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? ____
Waste Container ID WT-CT-012

Additional Comments

(LL)

Field Personnel Jon Dippert Dennis Ryder *Signature*
Luke Chmielecki Christina Venable

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.002**	Page 12 of 12
Project	Quarterly Groundwater Monitoring and Dev	Date 10/31/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:55
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-110 Sample Number(s) 1187388 1187388vf

Initial Field Data and Measurements

Depth of Well — Reference Used TOR
Depth to Water 32.75 PID/FID Reading 0.0
Height of Column — Interface ~~Yes / No~~ If yes, Depth NM Lighter / Heavier

Well Casing Diameter 2.0" Material PVC
Protector ~~Road Box~~ / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO (%)
1245	32.75	103	100	0	Start of Purging						
1255	32.92			1.0	15.31	581	6.06	203.1	1.11	10.09	11.1
1305	32.92			2.0	15.38	646	6.07	208.3	0.86	8.24	8.6
1315	32.92			3.0	15.36	658	6.07	206.5	0.81	3.16	8.1
1320	32.92			3.5	15.35	654	6.07	204.3	0.79	2.79	7.9
1325	32.92			4.0	15.34	647	6.07	203.3	0.77	1.83	7.7
1330	32.92			4.5	15.34	643	6.07	202.4	0.72	1.76	7.2
1335	32.92			5.0	15.30	637	6.06	200.5	0.73	2.01	7.3
1340	32.92			5.5	15.28	635	6.06	200.0	0.71	2.21	7.1
1345	32.92			6.0	15.28	635	6.07	198.3	0.71	1.88	7.1
1350	32.92	↓	↓	6.5	15.28	634	6.07	198.8	0.75	1.49	7.5
1355	32.92	103	100	7.0	15.29	635	6.06	198.1	0.71	1.46	7.1

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? —
Waste Container ID WT-CT-012

Additional Comments

Field Personnel Jon Dippert, Dennis Ryder, Luke Chmielecki, ~~Christina Venable~~ *Signature*

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: _____

Invoice To: _____

Project No.: _____

Site Name: _____

Location: _____ State: _____

Project Mgr.: _____

P.O. No.: _____ RQN: _____

Sampler(s): _____

1=Na_2S2O_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:								QA Reporting Notes: (check if needed)
																			Hold
							1												Hold
							1			1									
										1									

☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other _____

State specific reporting standards: _____

☐ Fax results when available to (____) _____
☒ E-mail to _____
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 7.1
Fridge

Relinquished by:	Received by:	Date:	Time:
		10/31/06	1500
		11/1/06	11:40
		11/1/06	11:40

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: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: _____

Invoice To: _____

Project No.: _____

Site Name: _____

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=_____ 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:								QA Reporting Notes: (check if needed)
																			☐ Provide MA DEP MCP CAM Report ☑ Provide CT DPH RCP Report **QA/QC Reporting Level** ☐ Standard ☐ No QC ☐ Other_____ State specific reporting standards:
	119740	10/31/06	1510	C	aq	2,4	1				X								

Relinquished by:	Received by:	Date:	Time:
		10/31/06	1500
		11/1/06	11:40
		11/1/06	11:40

☐ Fax results when available to (____) _____

☑ E-mail to _____

EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 7.1

Fridge

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DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**	Page 1 of 3	
Project	Quarterly Groundwater Monitoring and Dev	Date 2/12/07	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 830 Departed from Site 1430 Vehicle F150

Odometer (Start) Return

Site Activities

- [ ] Soil Sampling
- [ ] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] water levels pump Dist water
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

	50 miles RT
Last Sample Number Used	
Last Location ID Used	
Current Location (if not complete)	Fuel
Sampling for	
Laboratories used	
Paperwork & Equipment left at/in	office
Site Contact	
Contractors on Site	LEA

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Time and place to meet contractors

Quality Assurance Checks

Yes	N/A	No	
			Sample labels complete
			Sample/cooler seals OK
			All samples obtained
			Chains of custody
			All forms/logs complete
			Site condition OK
			Site H&S Plan on site
			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater		
Decon Fluid		
PPE		
Other		

Weather Conditions

Temperature 32 Precipitation None Wind Slight

Comments

Checked By

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
	Drum, Closed Top 55 gallon	086
	Filter, In Line	024
2	Miscellaneous Health & Safety Items	060
	Tubing, 1/2", NOS	007
	Tubing, 3/8", NOS	008
	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
	Turbidimeter	023
1	VOC Analyzer, Photovac 2020 (PID)	012
2	Water Level Indicator	028

Field Personnel Dennis Ryder ~~John Rancourt~~ Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 3
Project	Quarterly Groundwater Monitoring and Dev	Date 2/12/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

0830 - on site
0900 - Begin water levels and installing Bladder pumps
1420 ~~1430~~ - finish water levels and installing pumps
1430 - off site

Field Personnel	Dennis Ryder	Keith Volkert	*Signature*
	~~John Rancourt~~		

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MONITORING WELL INVENTORY

LEA Comm. No.	**91MH603.001**	Page 3 of 3
Project	Quarterly Groundwater Monitoring and Dev	Date 2/12/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Sample ID	Location ID	Time	Predicted Depth of Well	Predicted Depth to Water	Actual Depth of Well	Actual Depth to Water	PID/FID	Reference Elevation	Comments
2225632	MW-102	910				25.51	0.0		
2225633	MW-101	915				2.37	0.0		
2225634	PZ-02	1000				35.88	0.0		~~FIELD DUPLICATE~~
2225635	MW-103	1005				30.39	0.0		
2225636	MW-105	1010				31.72	0.0		
2225637	MW-115	1050				31.22	0.0		
2225638	PZ-01	1035				29.19	0.0		
2225639	MW-114	1050				31.14	0.0		
2225640	MW-111	1055				31.12	0.0		
2225641	MW-113	1100				33.62	0.0		
2225642	MW-118D	1110				31.03	0.0		
2225643	MW-118S	1120				30.85	1.5		
2225644	MW-117S	1130				24.58	0.7		
2225645	MW-117D	1135				30.31	0.2		
2225646	MW-116S	1140				30.35	0.3		
2225647	MW-116D	1155				29.68	0.0		
2225648	MW-112	1230				30.82	1.3		
2225649	MW-109	1330				30.84	0.4		
2225650	MW-110	1320				31.86	0.0		
2225651	PZ-03	1345				34.63	17.3		
2225652									
2225653									

Field Personnel: Dennis Ryder, Keith Volkert, ~~John Rancourt~~

Signature

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**	Page 1 of 9	
Project	Quarterly Groundwater Monitoring and Dev	Date 2/13/07	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 08:35 Departed from Site 16:35 Vehicle ST-12

Odometer (Start) _____ Return 64

Site Activities

- [ ] Soil Sampling
- [X] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	
Last Location ID Used	
Current Location (if not complete)	
Sampling for	VOCs, metals
Laboratories used	~~Lancaster~~ Spectrum
Paperwork & Equipment left at/in	C. Venable
Site Contact	
Contractors on Site	
Time and place to meet contractors	

Non-productive Time

- [ ] None
- [X] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
X			Sample labels complete
X			Sample/cooler seals OK
		X	All samples obtained
X			Chains of custody
X			All forms/logs complete
X			Site condition OK
X			Site H&S Plan on site
X			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid	~~—~~	~~X~~
Groundwater	20 gallons	WT-CT-013
Decon Fluid	1 gallon	↓
PPE		
Other		

Checked By

Weather Conditions

Temperature 20's Precipitation none Wind Strong-SW

Comments

very cold conditions, caused equipment malfunctions

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
1	Drum, Closed Top 55 gallon	086
4	Filter, In Line	024
1	Miscellaneous Health & Safety Items	060
1	Tubing, 1/2", NOS	007
	Tubing, 3/8", NOS	008
1	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
3	Turbidimeter	023
1	VOC Analyzer, Photovac 2020 (PID)	012
3	Water Level Indicator	028
3	YSI - low flow cells	

Field Personnel Dennis Ryder, John Rancourt, Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date 2/13/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

08:35 - Arrive on-site
- Calibrate equipment
- set up equipment on wells
9:00 - Begin purging wells
- One compressor does not work
- the second compressor stops working
- Crew attempts to warm the compressors in the cab of the truck, compressors still do not work
- R. Rancourt uses backpack set-up to purge and sample MW-112.
11:30 - U.S. Environmental on-site
- U.S. Rental drops off two gas powered compressors
- ~~U.S.~~ Keith Volkert leaves site to go to the LCI Yard to get gas for compressors, one was delivered empty.
16:00 - Go around and set pumps in remaining wells.
- 4 wells still need to be set
16:35 - Departed Site

JR

Field Personnel	Dennis Ryder	Keith Volkert	*Signature*
	John Rancourt		

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**	Page	3 of 7
Project	Quarterly Groundwater Monitoring and Dev	Date	2/13/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

pH Meter/Serial #

		Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration	1	8:40	4	7	10	1000	100	100
Calibration Check	2	8:40	4	7	10	1000	100	97
Calibration Check	3	8:40	4	7	10	1000	100	100

Turbidity Meter/Serial #

		Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration	#3	8:40	0			
Calibration Check	#5	8:40	0.16		100	796
Calibration Check	#1	8:40	0			

PID Meter/Serial # 3

	Time	Standard	Meter Reading	Zero with
Initial Calibration	8:40	Isobutylene	100	Air
Calibration Check				
Calibration Check				

Balance/Serial #

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel: Dennis Ryder, John Rancourt, Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	4 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date	2/13/08
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	15:10
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-117S Sample Number(s) 1197387 1197387f

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOC

Depth to Water 29.85 PID/FID Reading 0.0

Height of Column _____ Interface Yes / ~~No~~ If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector ~~Road Box~~ / Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure	Y	
Collar Intact	Y	
Cover Locked	Y	
Other (describe)		NA

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
14:00	29.85	30	100	0	INITIAL						
14:10	29.85	30	100	1	12.08	106	6.03	154.1	2.93	6.13	27.1
14:20	29.85	30	100		11.77	107	6.03	156.2	2.71	5.43	24.9
14:30	29.85	30	100		11.81	109	6.04	165.5	3.09	4.86	28.6
14:40	29.85	30	100		11.70	110	6.05	168.4	3.23	4.61	29.8
14:50	29.85	30	100		11.55	109	6.06	169.1	3.38	4.38	310
15:00	29.85	30	100		11.63	110	6.06	170.4	3.25	4.16	29.9
15:10	29.85	30	100	7.0	11.76	110	6.06	172.1	3.23	3.89	29.9

Developement Method ~~Peristaltic Pump~~ / Bailer / Inertial Pump / Other _____

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? ~~Yes~~ / No If Yes, with what? Liquinox, DI, Methanol, Nitric Acid

Waste Container ID LT-CT-013

Additional Comments Purged using a gas powered compressor

Field Personnel Dennis Ryder, Keith Volkert, John Rancourt *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 5 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date 2/13/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:20
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW116-D Sample Number(s) 1197386 1197386f

Initial Field Data and Measurements

Depth of Well 84.45 Reference Used toc
Depth to Water 48.29 PID/FID Reading
Height of Column 36.16 Interface Yes (No) If yes, Depth Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)	- - -	-

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
12:20	48.29	60 psi	100	0		INITIAL					DTB
12:30	48.63	60 psi	100	1	11.79	306	6.13	192.4	3.93	16.8	26.6
12:40	48.63	60	100		12.14	319	6.11	191.9	0.74	14.1	7.0
12:50	48.63	60	100		12.27	322	6.11	190.5	0.69	8.18	6.3
13:00	48.63	60	100		12.49	324	6.09	188.5	0.78	6.35	7.3
13:10	48.63	60	100		12.62	324	6.08	188.0	0.81	3.25	7.8
13:20	48.63	60	100	6.0	12.68	324	6.08	187.5	0.87	2.65	8.5

Developement Method ~~Peristaltic Pump~~ / Bailer / Inertial Pump / Other

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Liquinox, DI, Methanol, Nitric Acid
Waste Container ID WT-GT-013

Additional Comments Purged using gas powered compressor.

Field Personnel Dennis Ryder Keith Volkert *Signature*
John Rancourt

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 6 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date 2/13/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 14:40
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-117D Sample Number(s) 1197391 1197391DUP

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOP
Depth to Water 30.60 PID/FID Reading 0.0
Height of Column _____ Interface Yes / (No) If yes, Depth NA Lighter / Heavier
Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	---	
Collar Intact	---	
Cover Locked		
Other (describe)		

Development Information

Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	~~Comment~~ DO %
12:30	30.60	35	100	← START PURGE							
1240	30.58		100		11.10	663	6.26	132.3	5.15	INT	46.5
1335*	30.58		100		10.78	663	6.24	144.1	5.02	5.74	45.4
1345	30.58		100		11.70	654	6.23	155.0	4.42	8.14	39.2
1350	30.58		110		11.55	643	6.23	157.6	4.20	8.92**	35.7
1355	30.58		110		11.61	641	6.23	157.7	4.19	141.5**	38.6
1410	30.58		100		11.67	622	6.23	161.1	4.12	10:19	35.0
1420	30.58		100		11.41	595	6.23	162.0	4.05	7.20	37.4
1430	30.58		100		11.16	578	6.23	159.5	4.06	6.93	37.0
1440	30.66		100		11.21	585	6.23	158.9	4.03	6.21	
	Collected Sample										

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, NAC DI, Meth DI
Waste Container ID WT-CT-013

Additional Comments
* Had to get gas for gas power compressor
** Turbidity meter acting up not sure why (can't fix it
- Used Gas powered compressor

Field Personnel Dennis Ryder Keith Volkert *Signature*
John Rancourt

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 7 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date 2/13/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:20
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-112 Sample Number(s) 1197388 1197388

Initial Field Data and Measurements

Depth of Well —
Depth to Water 35'
Height of Column —
Reference Used —
PID/FID Reading —
Interface Yes / (No) If yes, Depth — Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box / Stickup)
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		✓
Other (describe)		

Development Information

Time / Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
930	35'	Start Pumping									
945	35	30 psi	100	1	13.74	151	7.52	85.4	-	4.4	
950	35	30	100	2	13.91	141	6.76	103.2	-	3.2	
1000	35	30	100	3	13.95	137	6.64	112.2	-	3.5	
1010	35	30	100	4	13.88	136	6.57	114.2	-	3.1	
1020	35	30	100	5	13.91	135	6.56	116.1	-	2.7	

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? —
Waste Container ID WT-ET-013

Additional Comments

Field Personnel Dennis Ryder, John Rancourt, Keith Volkert Signature

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HANIBAL 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: C. Venable

Project Mgr.: T. Salimno

Invoice To: LEA
747-6181

P.O. No.: 1019 RQN:

Project No.: 91M4603.001
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): D. Ryder, K. Volkert, J. Rucart

1=Na_2S2O_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

Containers: Analyses:

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other____
State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Metals	(RCRA 8+	Cu, Ni, Zn)							QA Reporting Notes
	1197391	2/13/07	14:40	G	GW	4				1										HOLD
	1197391uf	2/13/07	14:40	G	GW	4				1										

☐ Fax results when available to (____) ____
☒ E-mail to clvenable@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 3.7

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA FRIDGE	2/13/07	17:40
Jamie R. Jones	[signature]	2-15-07	1140

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FRIG

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CHAIN OF CUSTODY RECORD

Page 1 of 2

☒ Standard TAT - 7 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: C. Venable
Project Mgr.: T. Salimeno

Invoice To: LEA
747-6181
P.O. No.: 1019 RQN: _____

Project No.: 91MH603.001
Site Name: McDermid
Location: Waterbury State: CT
Sampler(s): D. Ryder, K. Volkert, J. Rucai

1=Na_2S2O_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	Metals (RCRA 8+Cu, Ni, Zn)	QA Reporting Notes: (check if needed)
	1197387	2/13/07	15:10	G	GW	2	3				X		
	1197387		15:10	G	GW	4				1		X	HOLD
	1197387-f		15:10	G	GW	4				1		X	
	1197386		13:20	G	GW	2	3				X		
	1197386		13:20	G	GW	4				1		X	HOLD
	1197386-f		13:20	G	GW	4				1		X	
	1197388		10:20	G	GW	2	3				X		
	1197388		10:20	G	GW	4				1		X	HOLD
	1197388-f		10:20	G	GW	4				1		X	
	1197391		14:40	G	GW	2	3				X		

☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level ☐ Standard ☐ No QC
☐ Other _____
State specific reporting standards: _____

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@loureiro.com
EDD Format LEA
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 3.7 Frig

Relinquished by:	Received by:	Date:	Time:
	LEA Fridge	2/13/07	17:40
		2-15-07	1140

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page _____ 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: _____

Project Mgr.: _____

Invoice To: A

P.O. No.: 1019 RQN: _____

Project No.: 11

Site Name: _____

Location: _____ State: _____

Sampler(s): _____

1=Na_2S2O_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:	QA Reporting Notes:
												HOLD
												HOLD
												HOLD

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☐ Standard ☐ No QC
- ☐ Other _____

State specific reporting standards: _____

- ☐ Fax results when available to (____) _____
- ☒ E-mail to [illegible]
- EDD Format EQ

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 3.7

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	2-15-07	1111

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DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No. 91MH603.001 — Page 2 of 9
Project: Quarterly Groundwater Monitoring and Dev — Date 2/15/07
Location: MacDermid - Huntingdon Avenue, Waterbury, CT
Client: MacDermid Incorporated - RNav

Arrived at Site 8:45 — Departed from Site 16:30 — Vehicle F150 / Personal — Odometer (Start) ____ — Return 32 mi RT

Site Activities

- [ ] Soil Sampling
- [x] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	~~01~~
Last Location ID Used	~~9~~
Current Location (if not complete)	CW
Sampling for	VOCs + metals
Laboratories used	Spectrum
Paperwork & Equipment left at/in	Office
Site Contact	R. Nave
Contractors on Site	LEA
Time and place to meet contractors	N/A

Non-productive Time

- [ ] None
- [x] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
✓			Sample labels complete
✓			Sample/cooler seals OK
✓			All samples obtained
✓			Chains of custody
✓			All forms/logs complete
✓	DW		Site condition OK
✓	DW		Site H&S Plan on site
✓			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater	58 L	WT-CT-013
Decon Fluid	1 gal	↓
PPE		
Other		

Weather Conditions

Temperature Teens — Precipitation None — Wind moderate
Comments

Checked By CW

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
	Drum, Closed Top 55 gallon	086
5	Filter, In Line	024
3	Miscellaneous Health & Safety Items	060
30 ft	Tubing, ~~1/2", NOS~~ ¼"	007
	Tubing, 3/8", NOS	008
1	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
3	Turbidimeter	023
	VOC Analyzer, Photovac 2020 (PID)	012
3	Water Level Indicator	028
3	YSI Flow Cells, Rented	
2	Gas powered generators, rented	
1	CO_2 powered back pack, rented	
2	MPID Controllers, rented	

Field Personnel: Dennis Ryder, John Rancourt, Keith Volkert — Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date 2/15/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

Calibrated equipment at yard. All meters did not calibrate ~~Arrived onsite 8:45.~~ CV
DO very well even after several attempts.
Arrived onsite 8:45.
DR set upon MW-118S & MW-118D. Controller not working & CO_2 Backpack not working. Lines to pumps froze up. Had to pull pumps & reset w/ new tubing.
Called J. Jarvis to have her call OS. Env. to get new controller & CO_2 tanks.
Spectrum did not provide proper water for VOC equip or trip blanks.
13:15 US Env. onsite to drop off replacement equip.
MW-105 wont purge. Pulled pump to troubleshoot. Seemed to work outside of well. No replacement bladder. Will ~~reset~~ obtain new bladder from yard & reset tommorow morning.
Offsite 16:30.

Field Personnel: Dennis Ryder, John Rancourt, Keith Volkert — Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**	Page 3 of 9	
Project	Quarterly Groundwater Monitoring and Dev	Date 2/15/07	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

pH Meter/Serial # _____

	Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration	7:20	4.00	7.08	10.01	1000	100	103
Calibration Check	7:20	4.00	7.00	10.03	999	100	106
Calibration Check	7:20	4.00	7.00	10.00	998	99.8	108
	7:20	4.00	7.00	10.00	1000	100	99.1

Turbidity Meter/Serial # _____

	Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration	7:30	0	20	100	800
Calibration Check	7:30	0	20	100	800
Calibration Check	7:30	0	20	100	800
	7:30	0	20	100	800

PID Meter/Serial # _____

	Time	Standard	Meter Reading	Zero with
Initial Calibration				
Calibration Check				
Calibration Check				

Balance/Serial # _____

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel: Dennis Ryder, Keith Volkert, John Rancourt

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISCELLANEOUS SAMPLES

LEA Comm. No. 91MH603.001
Project Quarterly Groundwater Monitoring and Dev
Location MacDermid - Huntingdon Avenue, Waterbury, CT
Client MacDermid Incorporated - RNav

Date 2/15/07

Sample ID	Location ID	Time	Sample Type	Depth (ft)	PID/FID Reading	Comments	Waste Cont. ID
114710	Trip Blank	9:50	BT	—	—	Trip Blank	—

Field Personnel Dennis Ryder, John Rancourt, Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 5 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date 2/15/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:40
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW 116S Sample Number(s) 1197400 1197400 MS

Initial Field Data and Measurements

Depth of Well 34.15 Reference Used TOR
Depth to Water 29.60 PID/FID Reading N/M
Height of Column 4.55 Interface N/M ~~Yes / No~~ If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector Road Box / Stickup
Ground to Reference 0.0
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
9:00			Start Pump								
9:10	29.90	220	300	2.25	12.33	340	6.72	48.4	1.97	222	
9:40	29.75	200	PSI	8.25	12.43	364	6.64	-30.3	1.44	31.4	
10:00	29.80	200		12.25	12.55	354	6.63	-29.4	2.60	17.1	
10:15	29.91	200		15.25	12.53	341	6.63	-26.9	3.00	7.33	
10:25	29.80	200		17.25	12.27	336	6.63	-26.4	3.05	9.00	
10:35	29.80	200		19.25	12.33	333	6.63	-29.4	3.22	9.41	
10:40	29.80	200		20.25	12.30	333	6.63	-28.0	3.06	5.94	

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Liquinox, DI, HNO_3 + MeOH
Waste Container ID WT-CT-013

Additional Comments Gas powered generator used

Field Personnel Dennis Ryder, John Rancourt, Keith Volkert *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 6 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date 2/15/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:50
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-109 Sample Number(s) ~~1197395~~ 1197411 ~~1197395 of~~ 1197411 of

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOC

Depth to Water 30.59 PID/FID Reading 0.0

Height of Column _____ Interface Yes / No If yes, Depth ——— Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector Road Box / Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure	—	
Collar Intact	—	
Cover Locked		
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DC %
940	30.59	25	175	←	START	PUMPING					
950	31.03		150	1.75	12.55	2423	6.71	194.2	1.31	3.21	13.3
1000	31.03		150	3.25	12.52	2424	6.68	179.5	1.61	7.83*	14.3
1020	31.03		150	5.25	12.57	2371	6.66	159.8	1.57	4.58	14.4
1030	31.03		150	6.75	12.64	2353	6.66	155.7	1.43	2.52	13.9
1035	31.03		150	7.5	12.53	2335	6.66	153.1	1.48	0.95	15.0
1040	31.03		150	8.25	12.67	2338	6.66	149.9	1.54	0.97	13.6
1045	31.03		150	9.00	12.70	2336	6.66	150.7	1.48	0.59	14.7
1050	31.03	25	150	9.75	12.84	2337	6.66	150.8	1.48	0.55	14.7

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what? Liquidnox, DI, Meth, DI

Waste Container ID WT-CT-013

Additional Comments

* recalibrated turbidity meter

Gas powered generator used

Field Personnel Dennis Ryder Keith Volkert ~~John Rancourt~~ Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 7 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date __/__/__
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time __:__
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-103 Sample Number(s) ~~H97390~~ 119740 119740buf

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOC
Depth to Water 31.58 PID/FID Reading 0.0
Height of Column _____ Interface Yes / (No) If yes, Depth _____ Lighter / Heavier
Well Casing Diameter ~~4"~~ 2" Material PVC
Protector ~~Road Box~~ / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	Y	
Collar Intact	Y	
Cover Locked	Y	
Other (describe)		X

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
		DI 70									100%
14:00	31.85	~~NA~~ X	100	0			INI	TIAL			
14:10	31.88	70	100	1	12.45	73	6.27	106.6	737	4.82	68.4
14:20	31.88	70	100		12.31	73	6.24	103.2	705	4.05	68.1
14:30	31.88	70	100		12.27	70	6.24	103.8	6.82	3.36	54.9
14:40	31.55	70	100		12.13	69	6.23	104.3	6.15	2.36	43.6
14:50	31.50	70	100		12.07	69	6.19	111.1	5.66	2.13	46.9
15:00	31.85	70	100		12.26	70	6.17	112.7	4.37	1.51	39.9

Developement Method (Peristaltic Pump) / Bailer / Inertial Pump / Other _____

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, DI, Methanol, Nitric Acid
Waste Container ID UT-CT-013

Additional Comments

Field Personnel Dennis Ryder, John Rancourt, Keith Volkert Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 8 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date 2/15/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:20
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-114 Sample Number(s) ~~1197396~~ 1197407 1197408 1197407 of 1197408 of

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOC
Depth to Water 30.14 PID/FID Reading 0.0
Height of Column _____ Interface Yes (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC General Condition

Protector Road Box / Stickup
Ground to Reference TOC
Comments _____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)	—	✓

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment 20%
12:00	30.14	60	100	0	INITIAL						
12:10	30.14	60	100	1	14.85	928	6.16	106.5	3.21	17.2	30.5
12:20	30.14	60	100		14.88	1030	6.12	106.2	0.67	6.11	11.2
12:30	30.14	60	100		15.03	1089	6.10	106.0	0.50	4.23	4.8
12:40	30.14	60	100		15.13	1145	6.08	106.5	0.28	3.86	2.9
12:50	30.14	60	100		15.10	1193	6.07	107.0	0.15	3.18	3.1
13:00	30.14	60	100		14.98	1222	6.05	107.5	0.18	3.06	1.9
13:10	30.14	60	100		15.05	1255	6.04	108.1	0.17	2.88	1.7
			SAMPLED 13:20								

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Liquinox, DI, Nitric Acid, Methanol
Waste Container ID WT-CT-013

Additional Comments

Field Personnel (Dennis Ryder) Keith Volkert *Signature*
John Rancourt

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	9 of 9
Project	Quarterly Groundwater Monitoring and Dev	Date	2/15/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	13:30
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-111 Sample Number(s) ~~1197392~~ 1197409 1197409 of ~~1197392~~ DUP

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOR

Depth to Water 31.15 PID/FID Reading 0.0

Height of Column _____ Interface Yes / ~~No~~ If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector ~~Road~~ Box / Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure		
Collar Intact		
Cover Locked		
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO Comment
1206	31.15	30	175			START PUMPING					
1215	31.18		175	1.75	9.13	455	6.06	139.4	7.46	70.3	64.8
1245	31.18		175	6.95	7.73	404	5.94	162.5	5.24	45.8	43.7
1255	31.18		175	8.70	8.66	406	5.93	161.1	3.55	4.74	33.7
1305	31.18		175	~~9.44~~	8.44	406	5.93	162.5	3.35	3.17	31.2
1310	31.18		175		9.01	410	5.95	162.5	3.72	2.09	31.0
1315	31.18		175		9.74	418	5.94	100.1	3.13	2.04	28.9
1320	31.18	V	175		9.98	421	5.93	99.9	3.10	2.14	28.1
1325	31.18	V	175		10.22	421	5.93	100.1	3.10	2.10	28.2
1330	31.18	30	175		10.22	421	5.93	99.9	3.12	2.08	28.0 SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump / ~~Other~~ Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? ~~Yes~~ / No If Yes, with what? Liquinox, DI, Meth, DI

Waste Container ID WT-CT-013

Additional Comments

Meter Broken switch meter out

Gas generator used.

Field Personnel Dennis Ryder Keith Volkert ~~John Rancourt~~ *Signature*

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: Christina Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN:

Project No.: 91MH603.001
Site Name: MacDermid
Location: Waterbury, CT State:
Sampler(s): D. Ryder, K. Volkert, C. Venable

1=Na_2S2O_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

Containers: Analyses:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		WC 8260	RRA 8 + Cu, Ni, Zn	Hg					
	1197400	2/15/07	1040	G	GW	2	3					X							
	1197400		1040			4				1				X					
	1197400LF		1040			4				1			X						
	1197411		1050			2	3					X							
	1197411		1050			4				1			X						
	1197411LF		1050			4				1				X					
	1197406		1000			2	3					X							
	1197406		1000			4				1			X						
	1197406LF		1000			4				1				X					
	1197407	2/15/07	1320	G	GW	2	3					X							

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other_____

State specific reporting standards: GA residential

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@lourenco.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C

Relinquished by:	Received by:	Date:	Time:
[signature]	LSA Fridge	2/15/07	1708
[signature]		2/16/07	1405

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: Christine Vacable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Colarusso

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN: _____

Project No.: 911MH1C3.01
Site Name: MacDonald
Location: Waterbury, CT State: _____
Sampler(s): E. Volkat, D. Ryder, C. Vacable

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=Tap 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: VOC 8260	MTBE + 5 (Oxy)	HOLD	QA Reporting Notes: (check if needed)
	1197407	2/15/07	1320	G	GW	4				1				☐ Provide MA DEP MCP CAM Report
	1197407d	"	1320	"	"	4				1				☒ Provide CT DPH RCP Report
	1197409	"	1330	"	"	2	3				X			QA/QC Reporting Level
	1197409	"	1330	"	"	4				1		#	X	☒ Standard ☐ No QC
	1197409d	"	1330	"	"	4				1		X		☐ Other _____
	1197410	2/15/07	950	C	SO	2	1				X			State specific reporting standards: CT, remediation
	1197408	"	1320	G	GW	2	3				X			
	1197408	"	"	"	"	4				1			X	
	1197408d	"	"	"	"	4				1		X		

☐ Fax results when available to (____) _____
☒ E-mail to dvacable@leaconsult.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1

Relinquished by:	Received by:	Date:	Time:
	Lab Courier	2/15/07	1713

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No. 91MH603.001 — Page 1 of 11
Project: Quarterly Groundwater Monitoring and Dev — Date 2/16/07
Location: MacDermid - Huntingdon Avenue, Waterbury, CT
Client: MacDermid Incorporated - RNav

Arrived at Site 8:15 — Departed from Site 16:30 — Vehicle F150
Odometer (Start) _____ — Return 32 mi RT

Site Activities

- [ ] Soil Sampling
- [X] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	~~(blank)~~
Last Location ID Used	~~(blank)~~
Current Location (if not complete)	~~(blank)~~
Sampling for	VOCs, metals
Laboratories used	Spectrum
Paperwork & Equipment left at/in	office
Site Contact	R-Nave
Contractors on Site	LEA
Time and place to meet contractors	(blank)

Non-productive Time

- [X] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

	Yes	N/A	No
Sample labels complete	✓		
Sample/cooler seals OK		X	
All samples obtained	✓		X
Chains of custody	✓		
All forms/logs complete	✓		
Site condition OK	✓		
Site H&S Plan on site	✓		
Instruments calibrated			

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater	61.5 L	WT-CT-013
Decon Fluid	1 gal	WT-CT-013
PPE		
Other		

Weather Conditions

Temperature 20's — Precipitation None — Wind moderate
Comments

Checked By (blank)

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
	Drum, Closed Top 55 gallon	086
7	Filter, In Line	024
3	Miscellaneous Health & Safety Items	060
35 ft	Tubing, ~~1/2", NOS~~ 1/4"	007
	Tubing, 3/8", NOS	008
1	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
3	Turbidimeter	023
	VOC Analyzer, Photovac 2020 (PID)	012
3	Water Level Indicator	028
3	YSI Flowcells, rented	
2	Gas generators rented	
1	CO2 powered generator, rented	
2	MP 10 controllers, rented	

Field Personnel: Dennis Ryder, Christina Venable — Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 11
Project	Quarterly Groundwater Monitoring and Dev	Date 2/16/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

Arrived onsite 8:15. Calibrated equipment at yard. Set well in MW-105. J. Sweeton arrives 9:00. 2 battery powered compressors go down (stop working). MW-110 couldn't get to purge. Trouble shot for ~ 4 hr. Obtain LNAPL readings from MW-108 & PZ-04.

	Depth to Water	Depth to LNAPL
PZ-04 ~~MW-108~~	34.10	30.90
MW-108	32.10	31.82

Returned to MW-110 and tried to purge again. This time it worked. Had to adjust fill/discharge rate on controller to get to flow properly.

J. Sweeton attempts to sample MW-105. Will not purge. Troubleshoots & still won't purge. Pulls the pump from the well & notices o-ring around pump inlet corrupted. Reset w/ a different pump for sampling on Monday.

MW-102 suddenly runs dry after holding steady. Able to quickly sample before goes completely dry. When pulling pump after sampling, noticed tubing & string covered w/ animal fur (dead animal in well?).

Offsite 16:30

Field Personnel: Dennis Ryder, Christina Venable — Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**	Page 3 of 11
Project	Quarterly Groundwater Monitoring and Dev	Date 2/16/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

pH Meter/Serial # _____

	Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration	7:15	4.00	7.00	10.08	1000	100	104
Calibration Check	↓	4.00	7.00	10.00	1001	100	107
Calibration Check	↓	3.99	7.00	10.12	1000	100	102

Turbidity Meter/Serial # _____

	Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration	7:15		20		
Calibration Check	↓		20		
Calibration Check	↓		20		

PID Meter/Serial # _____

	Time	Standard	Meter Reading	Zero with
Initial Calibration				
Calibration Check				
Calibration Check				

Balance/Serial # _____

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel: Dennis Ryder, Christina Venable

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISCELLANEOUS SAMPLES

LEA Comm. No.	**91MH603.001**	Page 4 of 11
Project	Quarterly Groundwater Monitoring and Dev	Date 2/16/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Sample ID	Location ID	Time	Sample Type	Depth (ft)	PID/FID Reading	Comments	Waste Cont. ID
1197692	EquipBlank	14:30	BE	—	—	Equipment	
1197692f	EquipBlank	14:31	BE	—	—		
1197677	TripBlank	14:00	BT	—	—	Trip Blank	

Field Personnel: Dennis Ryder, Christina Venable

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 5 of 11
Project	Quarterly Groundwater Monitoring and Dev	Date 2/16/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12 : 00
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-18D Sample Number(s) 1197675 1197675-f

Initial Field Data and Measurements

Depth of Well 59.19 Reference Used TOC
Depth to Water 31.23 PID/FID Reading —
Height of Column 27.96 Interface Yes / (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector ~~Road Box~~ / Stickup
Ground to Reference TOC
Comments _____

General Condition	OK	Bad
Casing Secure	Y	
Collar Intact	Y	
Cover Locked	Y	
Other (describe)	—	

Development Information Hose for Bladder

Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO%
9:10	31.23	60	~~100~~	100	8.13	—	INITIAL				
9:20	31.23	60	1	100	8.44	408	5.79	98.8	1.38		0.98
9:30	31.23	60		100	8.11	390	5.85	96.7	1.84		1.13
9:40	31.23	60	"	100	7.21	386	6.29	91.1	2.75		23.2
9:50	31.23	60	"	100	9.60	368	6.31	88.3	3.11		28.7
11:40	31.23	60		100	12.44	288	9.79	-2.2	4.95	283	46.1
11:50	31.23	60		100	12.13	284	7.83	-12.8	4.48	2.12	46.1
12:00	31.23	60	8.0	100	12.17	283	7.83	-16.8	4.39	1.67	42.8

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, DI, Meth, Nitric
Waste Container ID UC-CT-013

Additional Comments

Field Personnel Dennis Ryder
Christina Venable

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 6 of 11
Project	Quarterly Groundwater Monitoring and Dev	Date 2/16/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 11:00
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-1150 Sample Number(s) 1197676 1197676DUP

Initial Field Data and Measurements

Depth of Well 36.27 Reference Used TOC
Depth to Water 31.06 PID/FID Reading —
Height of Column 5.21 Interface Yes / (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference —
Comments —

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)	—	

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
9:20	31.06	60	100	0	—	— INITIAL —					DTW
9:30	31.06	60	100		11.80	595	7.03	127.8	9.52	36.8	94.3
9:40	31.06	60	100		11.83	600	7.01	129.3	9.60	27.4	94.9
9:50	31.06	60	100		12.21	603	6.88	130.6	11.45	20.8	104.8
10:00	31.06	60	100		12.61	606	6.09	131.5	8.52	[illegible]	84.4
10:10	31.06	60	100		11.43	592	5.93	133.4	7.43	12.8	67.7
10:20	31.06	60	100		12.11	581	5.86	136.6	5.28	11.7	49.2
10:30	31.06	60	100		12.10	585	5.86	137.5	4.69	10.8	38.2
10:40	31.06	60	100		12.18	588	5.86	139.9	3.62	7.59	34.4
10:50	31.06	60	100		12.23	588	5.86	140.7	3.61	5.11	33.8
11:00	31.06	60	100	10.0	12.15	590	5.86	142.1	3.49	4.17	32.7

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other _____

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Liquinox, Methanol, DI, Nitric Acid
Waste Container ID WT-CT-013

Additional Comments

Field Personnel Dennis Ryder _____ _____ *Signature*
Christina Venable _____ _____

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 1 of 11	
Project	Quarterly Groundwater Monitoring and Dev	Date 2/16/07	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 15:00	
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-101 Sample Number(s) 1197678 1197678f

Initial Field Data and Measurements

Depth of Well 32.75 Reference Used TOC
Depth to Water 4.98 PID/FID Reading —
Height of Column 27.77 Interface Yes / (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector Road Box / (Stickup)
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	Y	
Collar Intact	Y	
Cover Locked	Y	
Other (describe)		—

Development Information

Time \ Parameter	Depth to Water	Pump Setting (PSI)	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO %
13:40	4.98	60	100	0				INITIAL			
13:50	4.98	60	100	1	9.59	104	7.05	40.9	8.92	4.03	86.2
14:00	4.98	60	100		8.89	102	7.12	40.3	5.43	3.17	52.6
14:10	4.98	60	100		8.36	101	7.14	39.7	3.83	2.43	26.8
14:20	4.98	60	100		7.75	96	7.18	38.3	2.40	1.24	17.4
14:30	4.98	60	100		8.75	99	7.17	31.6	1.19	1.17	8.9
14:40	4.98	60	100		8.83	99	7.19	28.1	0.69	0.96	7.3
14:50	4.98	60	100		8.83	98	7.22	25.2	0.56	0.74	5.7
15:00	4.98	60	100	8.0	8.92	98	7.26	23.6	0.58	0.81	5.1

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? _____
Waste Container ID WT-CT-013

Additional Comments

Field Personnel (Dennis Ryder) _____ _____ *Signature*
Christina Venable _____ _____

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 8 of 11
Project	Quarterly Groundwater Monitoring and Dev	Date 2/16/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:45
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-113 Sample Number(s) 1197679 1197679DUP

Initial Field Data and Measurements

Depth of Well _____ Reference Used _____

Depth to Water 33.85 PID/FID Reading _____

Height of Column _____ Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector (Road Box) Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
1300	33.85	103	120		14.45	433	6.43	90.1	15.25	23.9	
1308	34.00	103			15.42	417	6.37	65.0	12.84	13.0	
1326	34.00	103			14.87	403	6.34	62.9	11.8	6.47	
1332	34.00	103			14.80	402	6.35	61.9	11.6	4.90	
1337	34.00	103			14.90	401	6.35	60.4	11.4	4.40	
1342	34.00	103			14.84	401	6.36	60.3	11.1	4.1	

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? _____

Waste Container ID WT-CT-013

Additional Comments

Field Personnel Dennis Ryder TOM SWEETON Signature

Christina Venable

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 9 of 11
Project	Quarterly Groundwater Monitoring and Dev	Date 12/10/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 15:25
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-10S Sample Number(s) 1197680 1197680uf

Initial Field Data and Measurements

Depth of Well ____ Reference Used TOC
Depth to Water 26.30 PID/FID Reading N/M
Height of Column ____ Interface N/M ~~Yes/No~~ If yes, Depth ____ Lighter / Heavier
Well Casing Diameter 2" Material PVC
Protector Road Box ~~Stickup~~
Ground to Reference ____
Comments ____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting psi	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
13:50				Start Pumping							
13:45	26.34	50	100		5.52	TP	6.16	-69.0	2.55	61.6	
14:10	26.74	↓	↓		7.11	60	6.21	-24.2	5.20	45.5	
14:20	26.93				6.36	55	6.26	-11.5	4.72	25.0	
14:30	27.02				7.16	66	6.29	-10.2	4.68	23.8	
14:40	27.11				9.18	66	6.33	-20.3	4.58	21.1	
14:50	27.11				9.42	68	6.34	-33.1	3.88	20.2	
15:24	27.11				7.19	75	6.48	-43.2	3.52	5.37	
15:25		↓	↓	11.5	7.16	75	6.47	-46.6	3.51		*

Well running dry, Samped before went dry
Fur in well.

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes (No) If Yes, with what? ____
Waste Container ID WT-CT-013

Additional Comments

Gas generator used

Field Personnel Dennis Ryder ____ *Signature*
Christina Venable ____

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 10 of 11	
Project	Quarterly Groundwater Monitoring and Dev	Date 2/16/07	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:50	
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-115 Sample Number(s) 1197681 1197681vf

Initial Field Data and Measurements

Depth of Well _____ Reference Used _____
Depth to Water 31.35 PID/FID Reading _____
Height of Column _____ Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	x	
Collar Intact	x	
Cover Locked		
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
950	31.35	103	120		12.63	842	6.09	138.7	4.71	44.4	
956	31.33	103	↓		12.64	836	6.04	152.2	13.61		
1005	31.35	103			12.64	825	5.99	159.4	17.62		
1014	31.35	103			12.29	818	6.00	162.4	18.94		
1020	31.35	103			12.13	813	6.01	164.3	20.19		
1037	31.35	103			12.10	804	6.04	165.3	20.6	1.72	
1042	31.35	103	↓	6.24	12.11	803	6.03	165.9	20.3	2.00	

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other _____

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes (No) If Yes, with what? _____
Waste Container ID WT-CT-013

Additional Comments

Field Personnel Dennis Ryder JON SWEETON *Signature*
Christina Venable _____

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 11 of 11
Project	Quarterly Groundwater Monitoring and Dev	Date 2/16/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12:30
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-110 Sample Number(s) 1197687 1197687DF

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOC
Depth to Water 31.88 PID/FID Reading NM
Height of Column _____ Interface NM Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector Road Box / Stickup
Ground to Reference W
Comments _____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
11:30		20	Start	Pump							
11:40	32.15	40	250		12.36	625	6.00	89.9	2.31	15.5	
11:55	32.14	30	200		10.36	609	5.98	97.7	1.29	11.5	
12:10	32.18	30	200		9.69	602	5.98	102.0	0.90	6.43	
12:20	32.14	30	200		9.95	618	5.97	104.6	0.66	4.20	
12:30	32.14	30	200	1275	9.36	607	5.95	106.6	0.65	4.30	

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what? _____
Waste Container ID DI, Liquinox, MeOH WT-CT-013

Additional Comments

Field Personnel Dennis Ryder _____ Signature
Christina Venable _____

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

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: Christina Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimene

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN:

Project No.: 91MH603.001
Site Name: MacDermid
Location: Waterbury, CT State:
Sampler(s): D. Ryder, J. Sweeton, C. Venable

1=Na_2S2O_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

Containers: Analyses:

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☒ Other_____

State specific reporting standards: GA, Residential

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	~~8260B~~	RCRA 8+Cu,Ni,Zn	8260F (VOCs)							
	1197675	2/16/07	12:00	G	GW	2	3						X							
	1197675	↓	↓	↓	↓	4				1		X								Hold
	1197675uf	↓	↓	↓	↓	4				1		X								
	1197676	↓	11:00	↓	↓	2	3						X							
	1197676	↓	↓	↓	↓	4				1		X								Hold
	1197676uf	↓	↓	↓	↓	4				1		X								
	1197678	↓	10:00	↓	↓	2	3						X							
	1197678	↓	↓	↓	↓	4				1		X								Hold
	1197678uf	↓	↓	↓	↓	4				1		X								

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.3

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	2/16/07	17:50
[signature]	[signature]	2/21/07	1635

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

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: Christine Venable
LEA
100 Northwood Dr
Plainville, CT
Project Mgr.: Tom Colunco

Invoice To: LEA
100 Northwood Dr
Plainville, CT
P.O. No.: 1019 RQN: _____

Project No.: 91MH1663.001
Site Name: MacDermid
Location: Waterbury, CT State: _____
Sampler(s): D Ryder, J Sweeten, A Wendle

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 8260B	RCRA 8 + Cu, Ni, Zn	QA Reporting Notes:
	1197679	2/16/07	13:45	G	GW	2	3				X		
	1197679					4				1		X	Hold
	1197679uf					4				1		X	
	1197680		15:25			2	3				X		
	1197680					4				1		X	Hold
	1197680uf					4				1		X	
	1197681		10:50			2	3				X		
	1197681					4				1		X	Hold
	1197681uf					4				1		X	

QA Reporting Notes (check if needed):
- ☐ Provide MA DEP MCP CAM Report
- ☑ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☒ Standard ☐ No QC
- ☐ Other _____

State specific reporting standards: CT RCP Standard

- ☐ Fax results when available to (____) _____
- ☒ E-mail to cvenable@leaeng.com
- EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 23

Relinquished by:	Received by:	Date:	Time:
	LEA Fedex	2/16/07	17:30
	M Wyatt	2/20/07	11:35

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

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: C. Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1619 RQN: _____

Project No.: 91MH603
Site Name: MacDermid
Location: Waterbury, CT State: _____
Sampler(s): D. Ryder, C. Venable, T. Sweeney

1=Na_2S2O_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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260B	RCRA8+Cu,Ni,Zn							QA Reporting Notes: (check if needed)
	1197687	2/16/07	12:30	G	GW	2	3					X								
	1197687	↓	↓	↓	↓	4				1			X							1 bld
	1197687bf	↓	↓	↓	↓	4				1			X							
	1197692	↓	14:30	↓	↓	2	3					X								
	1197692of	↓	↓	↓	↓	4				1			X							Please Provide CT RCP
	1197677	↓	14:50	↓	↓	2	3					X								report.
						4				1			X							State specific reporting
																				levels: CT GA,
																				residential

Containers: Analyses:

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 (____) _____
☒ E-mail to clvenable@louiciro.com
EDD Format LEA

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	2/16/07	17:30
[signature]	[signature]	2/20/07	1635

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 23

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-[illegible]018 • Fax 413-789-4076 • www.spectrum-analytical.com

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**	Page 1 of 5	
Project	Quarterly Groundwater Monitoring and Dev	Date 2/20/07	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 9:00 Departed from Site 11:40 Vehicle F150

Odometer (Start) _____ Return 54 mi RT

Site Activities

- [ ] Soil Sampling
- [X] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] *Concrete Sampling*
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	
Last Location ID Used	
Current Location (if not complete)	
Sampling for	VOCs, Metals
Laboratories used	Spectrum
Paperwork & Equipment left at/in	Office
Site Contact	R. Nave
Contractors on Site	LEA
Time and place to meet contractors	

Non-productive Time

- [X] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
✓			Sample labels complete
	X		Sample/cooler seals OK
✓			All samples obtained
✓			Chains of custody
✓			All forms/logs complete
✓			Site condition OK
✓			Site H&S Plan on site
			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater	4 gal	WT-CT-014
Decon Fluid		
PPE		
Other		

Weather Conditions

Temperature 30's Precipitation None Wind 0-1 mph

Comments

Checked By W

Expendable Items Used			**Equipment Used**		
Qty	Item	LEA Number	Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090		Generator 3500 Watt	153
1	Drum, Closed Top 55 gallon	086		Meter, Conductivity	022
1	Filter, In Line	024		Meter, pH/Temp	021
1	Miscellaneous Health & Safety Items	060		Miscellaneous Small Tools & Equipment	152
5ft	Tubing, ~~1/2"~~, NOS 1/4"	007		Pump, Grundfos	073
	Tubing, 3/8", NOS	008		Pump, Peristaltic (spec. Master or Isco)	040
	Water, Distilled	025		Pump, Submersible	201
				Pump, Watera	038
			1	*Turbidimeter*	023
				VOC Analyzer, Photovac 2020 (PID)	012
			1	Water Level Indicator	028
			1	YSI Flow Cell, rented	
			1	MP10 Controller, rented	
			1	Gas generator, rented	

Field Personnel Dennis Ryder

Christina Venable

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 5
Project	Quarterly Groundwater Monitoring and Dev	Date 2/20/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

Arrived at site 9:00 & began calibrating equip. String holding pump in well appears to have stretched as evidenced by tubing no longer being above/outside well. Probably stretched 6in to a foot using a gas powered generator & can smell its exhaust. Onsite waste drum (WT-CT-013) full, offsite to yard to get new drum 10:00. Return w/ drum 11:35. Dump waste offsite 11:40.

Field Personnel	Dennis Ryder	
	Christina Venable	

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**
Project	Quarterly Groundwater Monitoring and Dev
Location	MacDermid - Huntingdon Avenue, Waterbury, CT
Client	MacDermid Incorporated - RNav

Date 2/20/07

pH Meter/Serial # _____

	Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration	9:05	4.0	7.0	10.0	1000	100	99.1
Calibration Check							
Calibration Check							

Turbidity Meter/Serial # _____

	Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration					
Calibration Check					
Calibration Check					

PID Meter/Serial # _____

	Time	Standard	Meter Reading	Zero with
Initial Calibration				
Calibration Check				
Calibration Check				

Balance/Serial # _____

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel: Dennis Ryder, Christina Venable

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISCELLANEOUS SAMPLES

LEA Comm. No.	**91MH603.001**	Page	4 of 5
Project	Quarterly Groundwater Monitoring and Dev	Date	8/20/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Sample ID	Location ID	Time	Sample Type	Depth (ft)	PID/FID Reading	Comments	Waste Cont. ID
1197684	TripBlank	9:48	BT	—	—	Trip Blank	—

Field Personnel	Dennis Ryder	*Signature*
	Christina Venable	

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	5 of 6
Project	Quarterly Groundwater Monitoring and Dev	Date	2/20/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	10:26
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-105 Sample Number(s) 1197683 1197683lf

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOC
Depth to Water 31.96 PID/FID Reading N/M
Height of Column _____ Interface N/M ~~Yes / No~~ If yes, Depth _____ Lighter / Heavier
Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference 0.0
Comments _____

General Condition

	OK	Bad
Casing Secure	/	
Collar Intact	/	
Cover Locked	/	
Other (describe)		

Development Information

Time / Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment
9:30		~~P2T~~ Start		Pumping							
9:45	31.98	20	100	1.5	13.32	85	5.63	145.6	*	*	
10:00	"	1	"	3	13.55	81	6.07	132	*	*	
10:10	"	"	"	4	13.52	77	6.12	132	"	"	
10:15	"	"	"	4.5	13.55	76	6.14	132	"	"	
10:20	"	"	"	5	13.49	75	6.16	132	"	"	
10:23	"	"	"	5.3	13.45	75	6.17	132	"	"	
10:26	"	"	"	5.6	13.58	75	6.17	131	"	"	Sampled

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? _____
Waste Container ID WT-CT-014

Additional Comments DO & turbidity meters not working, using a gas generator & can smell its exhaust.

Field Personnel Dennis Ryder _____ *Signature*
Christina Venable _____

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: Christina Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: [illegible]

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN: _____

Project No.: 91MH603
Site Name: MacDonald
Location: Waterbury State: CT
Sampler(s): C. Venable

1=Na_2S2O_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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs 8260	PCRA 8+Cu,Ni +Zn							QA Reporting Notes: (check if needed)
	1197683	2/20/07	10:26	~~G~~ G	GW	2	3					X								
	1197683GA	↓	10:26	G	↓	4				1			X							
	1197684	↓	9:45	G	↓	2	1					X								
	1197683	↓	10:26	G	↓	4				1			X							Hold

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____

State specific reporting standards: GA residential

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@leaenvir.com
EDD Format LEA

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	2/20/07	14:00
[illegible]	[illegible]	[illegible]	[illegible]

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C [illegible]

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**	Page	1 of 2
Project	Quarterly Groundwater Monitoring and Dev	Date	5/22/06
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 910 Departed from Site 1250 Vehicle personal

Odometer (Start) Return 35RT

Site Activities

- [ ] Soil Sampling
- [ ] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [x] water level/set pumps
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	
Last Location ID Used	
Current Location (if not complete)	field
Sampling for	
Laboratories used	
Paperwork & Equipment left at/in	office
Site Contact	Rich Nave
Contractors on Site	LEA

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Time and place to meet contractors

Quality Assurance Checks

Yes	N/A	No	
			Sample labels complete
	x		Sample/cooler seals OK
	x		All samples obtained
	x		Chains of custody
x			All forms/logs complete
x			Site condition OK
x			Site H&S Plan on site
x			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater		
Decon Fluid		
PPE		
Other		

Weather Conditions

Temperature 78 Precipitation None Wind Slight

Comments

Sunny

Checked By

KW

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
	Drum, Closed Top 55 gallon	086
	Filter, In Line	024
1	Miscellaneous Health & Safety Items	060
300'	Tubing, 1/4", NOS	007
	Tubing, 3/8", NOS	008
	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
	Turbidimeter	023
1	VOC Analyzer, Photovac 2020 (PID)	012
1	Water Level Indicator	028

Field Personnel Keith Volkert

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 4
Project	Quarterly Groundwater Monitoring and Dev	Date 5/22/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

910 - on site
- Begin water levels and setting Bladder pumps
1235 - 1 full Liquid drum and one empty Liquid Drum
1245 - finish water levels
- and setting pumps
1250 - off site

Field Personnel Keith Volkart

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**	Page 3 of 4
Project	Quarterly Groundwater Monitoring and Dev	Date 5/22/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

pH Meter/Serial # _____

	Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration							
Calibration Check							
Calibration Check							

Turbidity Meter/Serial # _____

	Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration					
Calibration Check					
Calibration Check					

PID Meter/Serial # ~~#1~~

	Time	Standard	Meter Reading	Zero with
Initial Calibration	920	100	100	Ambient Air
Calibration Check				
Calibration Check				

Balance/Serial # _____

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel Keith Voltart

Signature

asy Peel Labels
se template 5660®
Hold here Pull back Separate at Perforation Détachez suivant le pointillé Hold here Pull back See Back for Details Voir détails au verso

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MONITORING WELL INVENTORY

LEA Comm. No.	91MH603.001	Page 4 of 4
Project	Quarterly Groundwater Monitoring and Dev	Date 5/22/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Sample ID	Location ID	Time	Predicted Depth of Well	Predicted Depth to Water	Actual Depth of Well	Actual Depth to Water	PID/FID	Reference Elevation	Comments
2226482	MW-117S	924			38.62	27.65	0.0		
2226483	MW-117D	926			52.66	28.46	0.0		
2226484	MW-116D	930			58.02	29.35	0.0		
2226485	MW-116S	933			34.6	28.5	0.0		
2226486	MW-112	939			31.15	29.21	0.0		
2226487	MW-110	943			40.32	30.00	0.0		
2226488	MW-109	950			38.09	28.83	0.0		
2226489	PZ-02	1000			38.81	34.01	0.0		
2226490	MW-101	1010			32.7	2.65	0.0		
2226491	MW-102	1005			34.18	24.95	0.0		
2226492	MW-103	1023			35.47	28.95	0.0		
2226493	MW-105	1030			37.1	30.56	0.0		
2226494	PZ-01	1040			28.94	27.95	0.0		
2226495	MW-115	1048			38.4	29.95	0.0		
2226496	MW-114	1111			37.82	29.9	0.0		
2226497	MW-111	1121			34.47	29.8	0.0		
2226498	MW-113	1134			40.03	32.4	0.0		
2226499	MW-118S	1157			36.78	28.35	0.0		
2226500	MW-118D	1200			59.84	29.57	0.0		
2226501	MW-108	1210			35.2	30	0.0		
2226502	PZ-04	1217			34.0	31.8	0.0		
2226503	PZ-03	1225			33.64	29	0.0		

Field Personnel Keith Volkert Signature

AVERY® Utilisez le gabarit 5660®
Clear Laser/Transparentes Laser 5660®

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**	Page 1 of 10	
Project	Quarterly Groundwater Monitoring and Dev	Date 5/23/07	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 815 Departed from Site 1450 Vehicle ST-9 / personal
Odometer (Start) _____ Return 35 mi RT

Site Activities

- [ ] Soil Sampling
- [x] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	1206360
Last Location ID Used	MW-113
Current Location (if not complete)	field
Sampling for	VOC, Metal
Laboratories used	Spectrum
Paperwork & Equipment left at/in	office
Site Contact	Rich Nave
Contractors on Site	LEA
Time and place to meet contractors	

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
x			Sample labels complete
x			Sample/cooler seals OK
x			All samples obtained
x			Chains of custody
x			*All forms/logs complete*
x			Site condition OK
x			Site H&S Plan on site
x			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater	47.85	WT-CT-014
Decon Fluid		
PPE		
Other		

Checked By

Paul Martin

Weather Conditions

Temperature 75 Precipitation None Wind Slight

Comments

Sunny

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
	Drum, Closed Top 55 gallon	086
6	Filter, In Line	024
2	Miscellaneous Health & Safety Items	060
250'	Tubing, ~~1/2~~, NOS 1/4	007
	Tubing, 3/8", NOS	008
	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
2	Turbidimeter	023
	VOC Analyzer, Photovac 2020 (PID)	012
2	Water Level Indicator	028

Field Personnel Keith Volkert
Dennis Ryder

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/23/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

815 - on site Caliberate equipment
900 - Begin groundwater sampling
1400 - Finish groundwater sampling
- Begin to set pumps
1450 - off site

Field Personnel: Keith Volkert, Dennis Ryder

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**
Project	Quarterly Groundwater Monitoring and Dev
Location	MacDermid - Huntingdon Avenue, Waterbury, CT
Client	MacDermid Incorporated - RNav

Page 3 of 10
Date 5/23/07

pH Meter/Serial # 820

	Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration	98f0676613	4	7	10	1000	100	1000
Calibration Check		4	7	10	999	101	98
Calibration Check							

Turbidity Meter/Serial # 820

	Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration	#6	0	20	100	800
Calibration Check	#4	0	20	100	800
Calibration Check					

PID Meter/Serial #

	Time	Standard	Meter Reading	Zero with
Initial Calibration				
Calibration Check				
Calibration Check				

Balance/Serial #

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel: Keith Volkert, Dennis Ryder

Signature

Easy Peel Labels
Use template 5660®
Hold here Pull back Separate at Perforation Détachez suivant le pointillé Hold here Pull back See Back for Details Voir détails au verso

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISCELLANEOUS SAMPLES

LEA Comm. No.	**91MH603.001**	Page 4 of 10	
Project	Quarterly Groundwater Monitoring and Dev	Date 5/23/07	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Sample ID	Location ID	Time	Sample Type	Depth (ft)	PID/FID Reading	Comments	Waste Cont. ID
1206384	Trip Blank	1102	BLT	—		Trip Blank	

Field Personnel: Keith Volkert, Dennis Ryder

Signature:

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Clear Laser/Transparentes Laser 5660®

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 5 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/23/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:20
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-103 Sample Number(s) 1206361 1206361 DUP

Initial Field Data and Measurements

Depth of Well 34.7 Reference Used TOR
Depth to Water 29.0 PID/FID Reading 0.0
Height of Column 5.9 Interface Yes / (No) If yes, Depth NA Lighter / Heavier
Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Parameter / Time	Depth to Water	PSI Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO ~~Comment~~ %
900	29.2	30	110	← START PUMPING →							
910	29.0		110	1.10	13.76	140	6.60	124.3	10.21	20.1	98.0
925	29.0		110		13.74	132	6.63	115.1	10.22	153	98.7
940	29.0		110		13.88	162	6.55	122.1	10.37	5.82	100.2 *
950	29.0		110		13.85	159	6.52	127.6	10.46	4.01	101.2
955	29.0		110		13.85	159	6.51	130.5	10.55	3.23	102.0
1000	29.0		110		13.86	158	6.50	131.9	NT	2.89	NT
1005	29.0		100		13.80	158	6.49	133.9		2.15	
1010	29.0	V	110	V	13.98	156	6.49	136.7		2.03	
1015	29.0		110		14.08	156	6.48	137.6	↓	1.98	↓
1020	29.0	30	110	9.35	14.00	156	6.45	136.8	NT	1.53	NT SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, Meth, DI
Waste Container ID US-CT-014

Additional Comments

* DO meter not working will recalibrate after sampling

Field Personnel Keith Volket, Dennis Ryder Signature

Easy Peel Labels
Use template 5660®
Hold here / Pull back | Separate at Perforation Détachez suivant le pointillé | Hold here / Pull back | See Back for Details Voir détails au verso

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	6 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date	5/28/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	1020
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-105 Sample Number(s) 1206358 1206358uf

Initial Field Data and Measurements

Depth of Well 36.88 Reference Used TOC
Depth to Water 31.78 PID/FID Reading 0.0
Height of Column 5.10 Interface Yes / (No) If yes, Depth ——— Lighter / Heavier

Well Casing Diameter 1.5" Material PVC
Protector (Road Box) / Stickup
Ground to Reference ———
Comments (OK)

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)	———	

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO %
9:10	31.78	60	100			INITIAL					
9:20	31.81	60	100	1	15.52	103	6.20	202.9	8.47	18.7	84.2
9:30	31.89	60	100		15.59	103	5.71	420.6	8.07	23.4	81.0
9:40	31.92	60	100		15.57	102	5.55	461.3	8.07	14.8	81.0
9:50	31.92	60	100		15.60	101	5.70	492.3	8.05	9.08	81.0
10:00	31.92	60	100		15.57	101	5.74	507.1	8.05	5.43	80.9
10:10	31.92	60	100		15.65	101	5.81	534.4	8.06	3.49	80.9
10:20	31.92	60	100	7.0	15.61	101	5.83	535.7	8.05	3.11	81.0

(OK)

Developement Method (Peristaltic Pump / Bailer / Inertial Pump / Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? ———
Waste Container ID WT-CT-014

Additional Comments

Field Personnel D. Ryder K. Volkert *Signature*

AVERY® Utilisez le gabarit 5660®
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Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 7 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/23/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12:00
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-114 Sample Number(s) 1206359 1206359DF

Initial Field Data and Measurements

Depth of Well 37.82 Reference Used TOC
Depth to Water 30.98 PID/FID Reading 0.0
Height of Column 6.84 Interface Yes / (No) If yes, Depth ____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) Stickup
Ground to Reference ____
Comments ____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)	—	—

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment 100%
10:50	30.98	40	100			INITIAL					
11:00	31.04	40	100	1	16.18	1025	5.61	206.9	2.67	23.7	23.3
11:10	31.11	40	100		16.21	1027	6.08	470.3	1.71	14.3	17.1
11:20	31.13	40	100		16.22	1036	6.08	525.1	1.53	7.36	15.7
11:30	31.13	40	100		16.20	1038	6.08	527.3	1.46	4.87	14.3
11:40	31.13	40	100		16.23	1041	6.08	535.3	1.39	4.26	14.0
11:50	31.13	40	100		16.27	1049	6.10	538.9	1.34	3.81	13.7
12:00	31.13	40	100	7.0	16.27	1050	6.10	539.6	1.33	2.11	13.6
						OK					

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Methanol, Liquinox, DI water
Waste Container ID UI-CT014

Additional Comments

Field Personnel D. Ryder Keith Volkert *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 8 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/23/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12:05
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-115 Sample Number(s) 1206362 1206362ut

Initial Field Data and Measurements

Depth of Well 37.9 Reference Used TOR
Depth to Water 30.02 PID/FID Reading 000
Height of Column 7.88 Interface Yes / (No) If yes, Depth NA Lighter / Heavier
Well Casing Diameter 2" Material PVC
Protector ~~Road Box~~ / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	—	
Collar Intact	—	
Cover Locked		
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO Comment o/o
1050	30.0	30	110	←		START	PUMPING				→
1105	30.0	↓	110	↓	16.38	592	6.21	137.8	6.46	22.3	54.1
1115	30.0		110		16.19	580	6.21	148.6	5.35	12.4	53.9
1125	30.0		110		16.29	581	6.18	153.1	4.77	8.74	49.4
1135	30.0		110		16.61	584	6.14	153.2	4.21	5.23	42.0
1145	30.0		110		16.51	583	6.07	152.5	3.97	4.02	42.2
1150	30.0		110		16.59	582	6.09	151.2	4.36	3.75	41.1
1155	30.0	✓	110	✓	16.52	583	6.08	151.5	3.92	2.80	41.1
1200	30.0		110		16.48	582	6.08	152.3	3.98	2.14	41.1
1205	30.0	30	110	8.25	16.44	583	6.08	151.9	3.97	1.73	41.1

SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, Meth, DI
Waste Container ID WT-CT-014

Additional Comments

Field Personnel Keith Vollgraf, Dennis Ryder Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 9 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/23/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:25
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-111 Sample Number(s) 1206363 1206363DUP

Initial Field Data and Measurements

Depth of Well 34.9 Reference Used TOC
Depth to Water 30.05 PID/FID Reading 0.0
Height of Column 4.85 Interface Yes / (No) If yes, Depth NA Lighter / Heavier
Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	—	
Collar Intact	—	
Cover Locked		
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO Comment 0/0
1220	30.0	30	110	START PUMPING							
1230	30.0		110	1.10	29.84	040	6.04	168.7	NT	20	NT
1240	30.0		110	2.20	31.94	042	6.07	172.6		2.0	
1250	30.0		110	3.30	32.72	044	6.06	170.6		1.8	
1300	30.0		110	4.40	32.72	041	6.06	170.4		1.7	
1305	30.0		110	4.95	32.72	042	6.06	171.2		.98	
1310	30.0		110	5.50	33.80	043	6.06	170.8		.75	
1315	30.0		110	6.05	33.95	044	6.06	171.0		.70	
1320	30.0	V	110	6.70	34.6	044	6.06	170.9	V	.72	V
1325	30.0	30	110	7.25	34.7	044	6.06	171.1	NT	.63	NT

SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, Meth, DI
Waste Container ID WT-CT-014

Additional Comments

* DO meter Not work reading 200+% DO

Field Personnel Keith Walker, Dennis Ryder Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 10 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/23/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:50
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-113 Sample Number(s) 1206360 1206360uf

Initial Field Data and Measurements

Depth of Well ~~39.98~~ 39.98 Reference Used TOC
Depth to Water 33.83 PID/FID Reading 0.0
Height of Column 6.15 Interface Yes / (No) If yes, Depth ____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / ~~Stickup~~
Ground to Reference ____
Comments ____

General Condition	OK	Bad
Casing Secure	Y	
Collar Intact	Y	
Cover Locked	Y	
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO%
12:20	33.83	50	100	0		IN	ITIAL				
12:30	33.89	50	100	1	17.55	490	6.88	170.7	5.87	19.6	61.5
12:40	33.92	50	100		17.61	485	6.77	163.8	5.61	17.4	58.3
12:50	33.92	50	100		17.55	480	6.75	159.4	5.48	11.4	57.7
13:00	33.92	50	100		17.53	476	6.73	152.4	5.36	9.72	56.1
13:10	33.92	50	100		17.50	474	6.70	150.2	5.29	7.17	54.5
13:20	33.92	50	100		17.54	470	6.70	150.0	5.11	5.45	53.9
13:30	33.92	50	100		17.57	467	6.68	149.7	5.10	4.08	53.9
13:40	33.92	50	100		17.61	463	6.64	148.9	5.09	3.67	53.5
13:50	33.92	50	100	9.0	17.63	463	6.64	148.3	5.07	3.03	53.1

2% (circled)

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Methanol, Liquinox, DI water
Waste Container ID WT-CT-014

Additional Comments

Field Personnel R. Ryder, K. Vollert Signature

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: Christina Venable
LSA
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Tom Salimeno

Invoice To: LSA
P.O. No.: 1262 RQN:

Project No.: 91MH603
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): K. Volkert D. Ryder

1=Na_2S2O_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=[illegible] 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		VOC 8260	RCRA 8 Cu, Ni, Zn							QA Reporting Notes: (check if needed)
	1206361	5/23/07	1020	G	GW	2	3					X								☐ Provide MA DEP MCP CAM Report ☒ Provide CT DPH RCP Report
	1206361UF		↓			4				1			X							☐ Provide MA DEP MCP CAM Report ☒ Provide CT DPH RCP Report
	1206361		1020			4				1			X							HOLD
	1206362		1005			2	3					X								
	1206362UF		↓			4				1			X							
	1206362		1005			4				1			X							HOLD
	1206363		[illegible]			2	3					X								
	1206363UF		↓	↓	↓	4				1			X							
	1206363	↓	[illegible]	G	GW	4				1			X							HOLD
	1206384	5/23/07	1102	G	X1	2	1					X								

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other_____
State specific reporting standards: CA, residential

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@lourvivo.com
EDD Format LSA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.2

Relinquished by:	Received by:	Date:	Time:
[signature]	LSA Fridge	5/23/07	1500
[signature]	[signature]	5/24/07	1100

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: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Christina Vermette
LSA
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Tom Schiavone

Invoice To: Christina Vermette
LSA
P.O. No.: 12602 RQN: _____

Project No.: 9/MH603
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): K. Walker D. Dwyer

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:								QA Reporting Notes: (check if needed)
		5/23/07		C	GW	2	3				X								☐ Provide MA DEP MCP CAM Report ☒ Provide CT DPH RCP Report **QA/QC Reporting Level** ☒ Standard ☐ No QC ☐ Other _____ State specific reporting standards: Gw residential
						4				1		X							
						4				1		X							NCD
						2	3				X								
						4				1		X							
						4				1		X							~~NCD~~ Please Analyze CV 6/18/07
						2	3				X								
						4				1		X							
		5/23/07		C	GW	4				1		X							NCD

☐ Fax results when available to (____) _____
☒ E-mail to CVermette@lsa.com
EDD Format LSA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 2.2

Relinquished by:	Received by:	Date:	Time:
	LSA Trudy C	5/23/07	1500
		5.24.07	1107

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**	Page 1 of 10	
Project	Quarterly Groundwater Monitoring and Dev	Date 5/24/07	
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 850 Departed from Site 1500 Vehicle ST9 / Personal

Odometer (Start) Return 108 RT

Site Activities

- [ ] Soil Sampling
- [x] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	
Last Location ID Used	
Current Location (if not complete)	Field
Sampling for	VOC, Metals
Laboratories used	Spectrum
Paperwork & Equipment left at/in	Office
Site Contact	Rich Nave
Contractors on Site	LEA
Time and place to meet contractors	

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
x			Sample labels complete
x			Sample/cooler seals OK
x			All samples obtained
x			Chains of custody
x			All forms/logs complete
x			Site condition OK
x			Site H&S Plan on site
x			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater	30 L	WT-GT-014
Decon Fluid		
PPE		
Other		

Weather Conditions

Temperature 83 Precipitation None Wind Slight

Comments

Sunny

Checked By

CW

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
	Drum, Closed Top 55 gallon	086
6	Filter, In Line	024
2	Miscellaneous Health & Safety Items	060
200'	Tubing, ~~1/2"~~, NOS	007
	Tubing, 3/8", NOS	008
1	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
2	Turbidimeter	023
1	VOC Analyzer, Photovac 2020 (PID)	012
2	Water Level Indicator	028

Field Personnel Keith Volker, Denny Ryder

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/24/04
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

830 - On Site
900 - Start Groundwater sampling
1330 - finish Groundwater
- set pumps
1500 - off site

Field Personnel: Keith Volkes, Dennis Ryder

Signature:

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**
Project	Quarterly Groundwater Monitoring and Dev
Location	MacDermid - Huntingdon Avenue, Waterbury, CT
Client	MacDermid Incorporated - RNav

Page 3 of 10
Date 5/24/07

pH Meter/Serial # 835

	~~Time~~ #	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration	0850 676 AB	4	7	10.01	1000	100	100
Calibration Check	0160707 AF	4	7	10	998	99	100
Calibration Check							

Turbidity Meter/Serial # 840

	~~Time~~ #	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration	6	0	20	100	800
Calibration Check	7	0	20	100	800
Calibration Check					

PID Meter/Serial # _____

	Time	Standard	Meter Reading	Zero with
Initial Calibration				
Calibration Check				
Calibration Check				

Balance/Serial # _____

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel Kurt Vollhardt
Dennis Ryder

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISC. ~~LOW-FLOW WELL~~ SAMPLE

LEA Comm. No.	**91MH603.001**	Page 4 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/15/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	~~Sample Time~~
Client	MacDermid Incorporated - RNav	

Sample ID	Location	Time	Type	Depth	PID	comments
1206375	MW-116	1140	Dup			Duplicate
1206373 DUP	MW-116	1140	Dup			
1206383	Trip	900	BLT			Trip
1206382	Equipment Blank	1300	BLE			Equipment Blank
~~1206382 DUP~~						

Field Personnel	Keith Volkert		*Signature*
	Dennis Lyder		

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 5 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/24/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 11:40
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-116S Sample Number(s) 1206375 1206368 1206375DF 1206368DF

Initial Field Data and Measurements

Depth of Well 34.2 Reference Used TOR
Depth to Water 28.4 PID/FID Reading 0.0
Height of Column 5.3 Interface Yes / (No) If yes, Depth NA Lighter / Heavier
Well Casing Diameter 2" Material PVC
Protector (Road Box / Stickup)
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	—	
Collar Intact	—	
Cover Locked		
Other (describe)		

Development Information

Time / Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO Comment %
1035	28.92	30	100		START PURGING						
1055	28.95	30	100	2	14.23	199	6.19	134.7	6.60	6.24	64.4
1105	28.95	30	100	3	15.03	208	6.19	131.3	6.02	5.41	60.3
1125	28.95	30	100	5	15.30	215	6.20	125.7	5.05	1.89	59.2
1130	28.95	30	100	5.5	15.39	215	6.20	122.3	5.10	2.01	50.3
1135	28.95	30	100	6	15.46	215	6.20	120.5	5.04	1.92	49.1
1140	28.95	30	100	6.5	15.52	215	6.20	121.6	5.05	1.73	49.1

SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, Meth, DI
Waste Container ID WT-CT-014

Additional Comments

Field Personnel Kristy Volkert, Dennis Ryder Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 6 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/24/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:20
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-116D Sample Number(s) 1206367 1206367DUP

Initial Field Data and Measurements

Depth of Well 487.5 Reference Used TOR
Depth to Water 29.2 PID/FID Reading 0.0
Height of Column 28.3 Interface Yes / (No) If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO Comment %
920	29.0	40	100	←		START PUMPING					→
940	29.0	40	100	2	15.02	350	6.21	149.5	5.99	3.00	60.6
950	29.0	40	100	3	15.71	356	6.14	152.0	7.81	3.38	72.6
1000	29.0	40	100	4	15.77	353	6.13	155.1	9.82	2.38	77.3
1010	29.0	40	100	5	15.45	353	6.11	157.6	8.67	1.77	80.0
1015	29.0	40	100	6	15.96	353	6.11	1580	NT	1.27	NT *
1020	29.0	40	100	7	15.96	353	6.11	157.9	NT	1.20	NT SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? Liquinox, Meth, DI
Waste Container ID WT-CT-0101

Additional Comments
* DO meter was reading over 100% stop taking DO readings

Field Personnel Keith Volkert, Dennis Ryder Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 1 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/24/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 15:30
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-116S Sample Number(s) 1206369 1206369MS

Initial Field Data and Measurements

Depth of Well 36.3 Reference Used TOR
Depth to Water 29.53 PID/FID Reading 0.0
Height of Column 6.77 Interface Yes / (No) If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked		
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO Comment *
1215	29.55	30	100		START PUMPING						
1235	29.55	30	100	2	14.17	780	6.08	172.2	10.84	7.64	NT
1255	29.55		100	4	13.95	757	6.03	195.7	NT	6.53	
1315	29.55		100	6	14.12	755	6.00	209.1	NT	3.22	
1320	29.55		100	6.5	14.11	750	5.98	215.3		3.06	
1325	29.55	V	100	7	14.15	748	5.98	212.4	V	2.53	V
1330	29.55	30	100	7.5	14.16	749	5.98	214.0	NT	2.18	NT

Sample

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? Liquinox, Meth, DI
Waste Container ID WT-CT-014

Additional Comments

* DO meter not working reading over 100%

Field Personnel Keith Volkert, Dennis Ryder Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 8 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/24/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 13:40
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-118D Sample Number(s) 1206366 1206366uf

Initial Field Data and Measurements

Depth of Well 59.94 Reference Used TOC
Depth to Water 31.18 PID/FID Reading 0.0
Height of Column 28.76 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector Road Box / Stickup
Ground to Reference
Comments /ok

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)	—	—

Development Information

Parameter / Time	Depth to Water	Pump Setting BI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO%
12:30	31.18	60	100	0	INITIAL						
12:40	31.26	60	100	1	12.80	169	6.93	485.3	7.69	36.8	72.4
12:50	31.32	60	100		12.76	168	6.91	518.5	7.70	21.7	72.8
13:00	31.32	60	100		12.82	163	6.91	582.1	7.70	17.4	72.8
13:10	31.32	60	100		12.80	160	6.91	617.7	7.71	11.9	72.8
13:20	31.32	60	100		12.88	157	6.91	643.9	7.71	12.3	73.0
13:30	31.32	60	100		12.87	155	6.91	652.7	7.70	5.61	73.0
13:40	31.32	60	100	7.0	12.82	151	6.91	656.1	7.70	423	73.1

21

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other _____

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what? Methynol, DI, Liquinox
Waste Container ID WT-CT-014

Additional Comments

Field Personnel D. Ryder, K. Volkert *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 9 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/24/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12:10
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-117-D Sample Number(s) 1206365 1206365uf

Initial Field Data and Measurements

Depth of Well 52.17 Reference Used TOC
Depth to Water 31.16 PID/FID Reading 0.0
Height of Column 21.01 Interface Yes / No If yes, Depth — Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector Road Box / Stickup
Ground to Reference /
Comments /a

General Condition	OK	Bad
Casing Secure	p	
Collar Intact	p	
Cover Locked	p	
Other (describe)	—	

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO%
10:40	31.16	50	100	0	—	—	INITIAL	—	—	—	—
10:50	31.21	50	100	1	18.53	151	6.49	237.6	3.09	24.8	34.7
11:00	31.23	50	100		14.08	279	6.17	476.4	4.29	29.8	40.3
11:10	31.25	50	100		13.27	384	6.10	585.4	5.17	26.4	49.7
11:20	31.25	50	100		13.02	489	6.07	629.4	5.62	28.6	53.0
11:30	31.25	50	100		13.07	490	6.03	618.4	5.23	15.8	50.1
11:40	31.25	50	100		12.98	491	5.93	602.3	5.06	11.8	47.9
11:50	31.25	50	100		13.05	480	5.93	600.8	4.74	4.67	45.3
12:00	31.25	50	100		12.96	477	5.93	598.6	4.67	3.94	44.8
12:10	31.25	50	100	9.0	13.09	473	5.92	594.0	4.55	2.81	43.0

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what? Methynol, DI Water, Liquinox
Waste Container ID WT-CT-014

Additional Comments

Field Personnel D. Ryder K. Volkert Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 10 of 10
Project	Quarterly Groundwater Monitoring and Dev	Date 5/24/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:20
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-117S Sample Number(s) 1206364 1206364.f

Initial Field Data and Measurements

Depth of Well 37.64 Reference Used TOC
Depth to Water 31.14 PID/FID Reading 0.0
Height of Column 6.50 Interface Yes / (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector (Road Box) Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO%
09:00	31.14	40	100			INITIAL					
09:10	31.15	40	100	1	12.95	109	6.44	265.9	1.94	15.4	18.3
09:20	31.15	40	100		17.74	116	5.85	509.1	1.27	8.37	12.4
09:30	31.15	40	100		16.81	120	5.67	517.8	1.18	7.17	11.6
09:40	31.15	40	100	(2)	14.27	122	5.65	521.3	1.08	5.45	10.8
09:50	31.15	40	100		14.38	122	5.64	529.7	1.07	4.19	10.5
10:00	31.15	40	100		14.47	123	4.55	535.3	1.04	3.18	10.2
10:10	31.15	40	100			123	5.62	547.7	0.95	2.08	9.3
10:20	31.15	40	100	8.0	14.54	123	5.60	549.3	0.93	1.67	9.0

(2L)

Developement Method Peristaltic Pump / Bailer / Inertial Pump (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) No If Yes, with what? MeHexol, DI, Liquinox
Waste Container ID WT-CT-014

Additional Comments

Field Personnel R. Ryder, K. Volkert Signature

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

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: Christopher Venable, LSA, 1000 Northwest Dr, Plainville CT 06062
Project Mgr.: Tom Salimene

Invoice To: LSA, 1000 Northwest Dr, Plainville CT
P.O. No.: 12002 RQN: _____

Project No.: 9MH603
Site Name: [illegible] Dormid
Location: [illegible] State: CT
Sampler(s): [illegible] T. Kyder

1=Na_2S2O_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

Containers: / Analyses:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260 GPS	RCRA 8 [illegible]						
	1200[illegible]	5/24/07	10:[illegible]	G	SW	2	3					X							
	1200[illegible]		↓			4				1			X						
	1200[illegible]		10:[illegible]			4				1			X						HOLD
	1200[illegible]		11:[illegible]			2	3					X							
	1200[illegible]		↓			4				1			X						
	1200[illegible]					4				1			X						HOLD
	1200[illegible]					2						X							
	1200[illegible]					4				1			X						
	1200[illegible]				SW	4				1			X						HOLD
	1200[illegible]	[illegible]			X	2	1					X							

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other_____

State specific reporting standards: CA residential

- ☐ Fax results when available to (____) _____
- ☒ E-mail to Clvenable@loomiro.com
- EDD Format LSA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 6.3C

Relinquished by:	Received by:	Date:	Time:
[signature]	LSA [illegible]	5/24/07	1100
[signature]	[illegible]	5/25/07	11:49 pm

4.5C

Metric

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

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: Christina Venable
CSA
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Tom Salimeno

Invoice To: CSA
100 Northwest Dr
Plainville CT 06062
P.O. No.: 1262 RQN: _____

Project No.: 51MH603
Site Name: Mac Donald
Location: Waterbury State: CT
Sampler(s): K. Volkert Dalkyler

1=Na_2S2O_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=Equipment X2=_____ X3=_____

G=Grab C=Composite

Containers: Analyses:

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other_____

State specific reporting standards: GA residential

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	[illegible]							
	1206375	5/24/07	1140	G	GW	2	3					X								
	1206373					4				1			X							
	1206375		1150			4				1			X							HOLD
	1206382		1300		X	2	3					X								
	1206[illegible]		1300			4				1			X							
	1206364		1020		GW	2	3					X								
	1206364					4				1			X							
	1206364		1020			4				1			X							HOLD
	1206365		1210			2	3					X								
	1206365	5/24/07	1210	G	GW	4				1			X							

☐ Fax results when available to (____) _____
☒ E-mail to [illegible]
EDD Format CSA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 6.3C

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5/24/07	1600
[signature]	[signature]	5/25/07	11:49AM

4.5C

11 Almgren Drive • Agawam, Massachusetts 01001 • 413[illegible]018 • Fax 413-789-4076 • www.spectrum-analytical.com

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CHAIN OF CUSTODY RECORD

Page 2 of 3

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: _____
Project Mgr.: _____

Invoice To: _____
P.O. No.: 1262 RQN: _____

Project No.: _____
Site Name: _____
Location: _____ State: CT
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: VOC	RCRA 8 + Cu, Ni, Zn	QA Reporting Notes: (check if needed)
		5/21/07		G			3				X		
										1		X	
										1			HOLD
							3				X		
										1		X	
		5/21/07		G						1			HOLD

☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____

State specific reporting standards: _____

☐ Fax results when available to (____) _____
☒ E-mail to _____
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 6.3C

Relinquished by:	Received by:	Date:	Time:
		5/21/07	1600
	DEC	5/25/07	11:49am

4.5C

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	**91MH603.001**	Page	1 of 4
Project	Quarterly Groundwater Monitoring and Dev	Date	5/25/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT		
Client	MacDermid Incorporated - RNav		

Arrived at Site 720 Departed from Site 1245 Vehicle STY / Personal

Odometer (Start) Return 50 miles RT

Site Activities

- [ ] Soil Sampling
- [x] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Other Sampling
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Waste Management
- [ ] Inspection
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	
Last Location ID Used	
Current Location (if not complete)	Field
Sampling for	VOC metals
Laboratories used	Spectrum
Paperwork & Equipment left at/in	office
Site Contact	Rich Nave
Contractors on Site	LEA

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Time and place to meet contractors

Quality Assurance Checks

Yes	N/A	No	
✓			Sample labels complete
✓			Sample/cooler seals OK
✓			All samples obtained
✓			Chains of custody
✓			All forms/logs complete
✓			Site condition OK
✓			Site H&S Plan on site
✓			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater	3 gl	WT-CT-014
Decon Fluid		
PPE		
Other		

Weather Conditions

Temperature 94 Precipitation None Wind ~~Calm~~ Slight

Comments: Sunny, Muggy

Checked By

Expendable Items Used

Qty	Item	LEA Number
	Bailer, Disposable (spec. size)	090
	Drum, Closed Top 55 gallon	086
	Filter, In Line	024
2	Miscellaneous Health & Safety Items	060
	Tubing, 1/2", NOS	007
	Tubing, 3/8", NOS	008
	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Generator 3500 Watt	153
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Pump, Grundfos	073
	Pump, Peristaltic (spec. Master or Isco)	040
	Pump, Submersible	201
	Pump, Watera	038
2	Turbidimeter	023
	VOC Analyzer, Photovac 2020 (PID)	012
2	Water Level Indicator	028

Field Personnel Keith Volkert, Dennis Ryder

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	**91MH603.001**	Page 2 of 4
Project	Quarterly Groundwater Monitoring and Dev	Date 5/25/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	
Client	MacDermid Incorporated - RNav	

Description of Site Activities

720 - on site
730 - Begin Groundwater Sampling
800 - Take Trip Blank # 1206381 @ 800 Sample TYPE: BKT
1245 - finish Groundwater sampling

Field Personnel Keith Volket
Dennis Ryder

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT
CALIBRATION RECORD

LEA Comm. No.	**91MH603.001**
Project	Quarterly Groundwater Monitoring and Dev
Location	MacDermid - Huntingdon Avenue, Waterbury, CT
Client	MacDermid Incorporated - RNav

Page 3 of 8
Date 5/25/07

pH Meter/Serial # 725

	Time	pH 4.01	pH 7.00	pH 10.01	Spec. Cond.	ORP	DO
Initial Calibration		4	6.99	10	1000	100	100
Calibration Check		4.01	7	10	998	101	98
Calibration Check							

Turbidity Meter/Serial # 725

	Time	0 NTU	20 NTU	100 NTU	800 NTU
Initial Calibration	#6	—	—	—	—
Calibration Check	#7	—	—	—	—
Calibration Check					

PID Meter/Serial #

	Time	Standard	Meter Reading	Zero with
Initial Calibration				
Calibration Check				
Calibration Check				

Balance/Serial #

	Time	Standard	Balance
Initial Calibration			
Calibration Check			
Calibration Check			

Comments

Field Personnel: Keith Volkert, Dennis Ryder

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 4 of 8
Project	Quarterly Groundwater Monitoring and Dev	Date 5/25/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 9:10
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW11C Sample Number(s) 1206372 1206372uf

Initial Field Data and Measurements

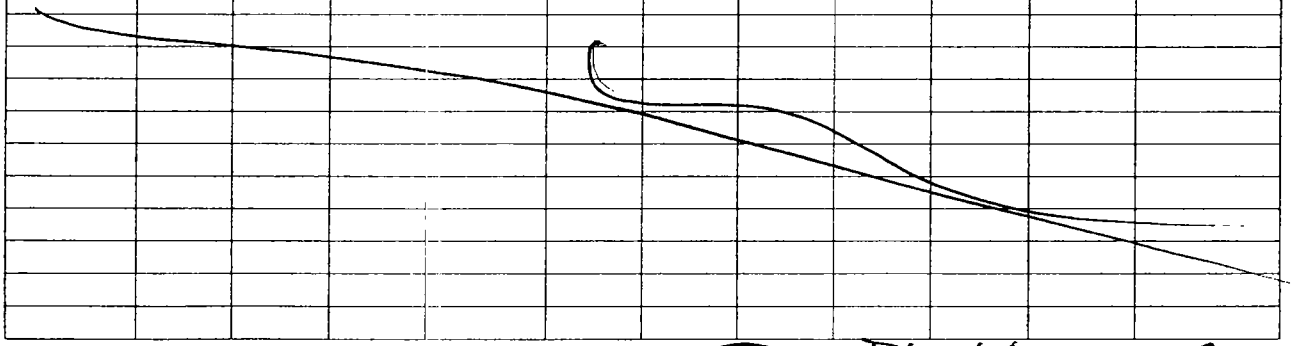
Depth of Well 39.6 Reference Used TOR
Depth to Water 30.51 PID/FID Reading 0.0
Height of Column 9.09 Interface Yes / No If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector Road Box / Stickup
Ground to Reference
Comments

General Condition	OK	Bad
Casing Secure	—	
Collar Intact	—	
Cover Locked		
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting PSI	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO Comment %	
755	30.55	40	100	START PUMPING								
825	30.59	40	100	3	22.07	022	6.75	77.0	NT	0.24	NT	- Batteries inflowed DO
845	30.6	40	100	5	15.67	1088	5.75	204.3	8.0	0.20	94.3	
850	30.6	40	100	5.5	15.68	1090	5.75	204.8	8.75	0.13	96.5	
855	30.6	40	100	6	14.90	1083	5.75	203.9	8.91	0.02	97.9	
900	30.6	40	100	6.5	15.75	1085	5.74	202.8	8.90	-0.25	96.8	
905	30.6	40	100	7	14.97	1085	5.75	203.0	8.86	-0.46	96.7	
910	30.6	40	100	7.5	15.02	1084	5.74	202.9	9.86	-0.75	98.7	SAMPLE



Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what?
Waste Container ID WT-CT-014

Additional Comments

DO meter not working reading very high

Field Personnel Keith Volkert, Dennis Ryder *Signature*

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 5 of 6
Project	Quarterly Groundwater Monitoring and Dev	Date 5/25/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 10:35
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-109 Sample Number(s) 1206373 1206373D1

Initial Field Data and Measurements

Depth of Well 34.6 Reference Used TOR
Depth to Water 29.19 PID/FID Reading 0.0
Height of Column _____ Interface Yes / (No) If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector ~~Road Box~~ / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	—	
Collar Intact	—	
Cover Locked		
Other (describe)		

Development Information

Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	~~DO~~ (mg/L)	Turbidity (NTU)	~~DO~~ Comment
925	29.22	40	110		START PUMPING						
935	29.22		110		Switch Air Tanks				NT	10.45	NT
945	29.22		110		18.28	770	5.90	175.6	NT	9.25	NT
1000	29.22		110		16.11	602	5.96	171.2		4.22	
1010	29.22		110		17.49	628	5.93	175.7		4.05	
1020	29.22		110		17.42	636	5.91	168.9		4.30	
1025	29.22		110		18.52	679	5.91	157.8		4.00	
1030	29.22		110		19.63	678	5.71	155.2		3.89	
1035	29.22	40	110	7.7	20.25	679	5.91	154.3	NT	3.75	NT
~~1040~~											

SAMPLE ~~SAMPLE~~

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? _____
Waste Container ID MJ-CT-014

Additional Comments
DO Meter Not working Did not take readings

Field Personnel Keith Volkert
Dennis Ryder
Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page 6 of 8
Project	Quarterly Groundwater Monitoring and Dev	Date 5/25/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 12:00
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-112 Sample Number(s) 1206374 1206374uf

Initial Field Data and Measurements

Depth of Well _____ Reference Used TOR

Depth to Water 29.4 PID/FID Reading 0.0

Height of Column _____ Interface Yes / No If yes, Depth NA Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector Road Box / Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure	—	
Collar Intact	—	
Cover Locked		
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	DO Comment %
1110	29.8	30	110	← START PUMPING →							
1130	29.8		110		16.47	187	6.46	105.0	5.94	0.47	60.8
1135	29.8		110		16.47	188	6.51	97.8	5.94	0.47	60.8
1140	29.8		110		16.47	188	6.51	68.9	5.49	0.13	58.6
1145	29.8		110		16.50	185	6.32	82.1	5.30	0.45	48.3
1150	29.8		110		16.55	185	6.30	84.0	5.45	0.32	49.0
1155	29.8		110		16.52	185	6.31	83.5	5.33	0.59	48.8
1200	29.8	30	110	5.5	16.61	185	6.30	83.2	5.32	0.62	48.0 SAMPLE

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other Bladder pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / No If Yes, with what? _____

Waste Container ID WT-CT-0101

Additional Comments

Field Personnel Kathy Volkert Dennis Ryder Signature [signature]

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page	6 of 7
Project	Quarterly Groundwater Monitoring and Dev	Date	5/25/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time	10:30
Client	MacDermid Incorporated - RNav		

Monitoring Well Number MW-10A Sample Number(s) 1206371 1206376f

Initial Field Data and Measurements

Depth of Well	33.78	Reference Used	TOC
Depth to Water	27.08	PID/FID Reading	0.0
Height of Column	6.70	Interface	Yes / (No) If yes, Depth ____ Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector Road Box / (Stickup)

Ground to Reference

Comments

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	Y	
Cover Locked	Y	
Other (describe)		

Development Information

Parameter / Time	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment DO%
09:00	27.08	300	100	0	16.21	149	8.36	110.8	3.51	84.9	39.8
09:10	27.08	300	100		16.07	136	7.94	99.6	3.48	36.7	37.9
09:20	27.08	300	100		15.80	110	7.09	86.4	2.27	8.92	19.4
09:30	27.08	300	100		15.84	98	6.81	31.9	1.84	6.42	16.4
09:40	27.08	300	100		15.80	90	6.79	21.4	1.36	5.93	10.9
09:50	27.08	300	100		15.60	87	6.67	16.3	0.84	3.83	8.2
10:00	27.08	300	100		15.62	85	6.66	14.9	0.58	1.36	5.8%
10:10	27.08	300	100		15.71	85	6.66	10.2	0.57	1.53	5.7
10:20	27.08	300	100		15.68	83	6.64	7.4	0.57	1.22	5.7
10:30	27.08	300	100	9.0	15.64	83	6.62	-4.9	0.61	1.08	6.3

Developement Method Peristaltic Pump / Bailer / Inertial Pump / (Other) Bladder Pump

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? (Yes) / No If Yes, with what? DI, Methanol, Liquinox, nitric

Waste Container ID CT-CY-014

Additional Comments

Field Personnel O. Ryder, K. Volkert Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
LOW FLOW WELL SAMPLE

LEA Comm. No.	**91MH603.001**	Page ____ of ____
Project	Quarterly Groundwater Monitoring and Dev	Date 5/25/07
Location	MacDermid - Huntingdon Avenue, Waterbury, CT	Sample Time 8:40
Client	MacDermid Incorporated - RNav	

Monitoring Well Number MW-101 Sample Number(s) 1206370 1206370f

Initial Field Data and Measurements

Depth of Well 32.73 Reference Used TOC
Depth to Water 3.83 PID/FID Reading 0.0
Height of Column 28.90 Interface Yes / (No) If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC
Protector Road Box / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Development Information

Time \ Parameter	Depth to Water	Pump Setting	Purge Rate (mL/min)	Cum. Liters Purged (L)	Temp (C)	Spec. Cond. (uS/cm)	pH (SU)	ORP (Eh)	DO (mg/L)	Turbidity (NTU)	Comment 00%
08:00	3.83	300	100	0		INITIAL					
08:10	3.87	300	100	1	10.81	143	7.96	79.1	0.47	1.56	4.3
08:20	3.91	300	100		10.85	143	7.97	78.7	0.61	1.72	5.6
08:30	3.91	300	100		10.82	143	7.99	78.6	0.83	1.32	7.2
08:40	3.91	300	100	4.0	10.93	143	8.01	78.2	0.84	1.11	7.6
					20						

Developement Method Peristaltic Pump / Bailer / Inertial Pump / Other _____

Sample Field Treatment *If any ambiguity could exist, be sure to indicate the field treatment applied to each sample aliquot with the appropriate suffix in the sample ID on both the sample bottle label and on the Chain of Custody!*

Field Decontamination? Yes / (No) If Yes, with what? 40
Waste Container ID LT-CT-014

Additional Comments

Field Personnel D. Ryder K. Volkert *Signature*

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

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: Christine Venable
CSA
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Tom Sobieraj

Invoice To: CSA
100 Northwest Dr
Plainville CT 06062
P.O. No.: 1262 RQN: _____

Project No.: 31HL03
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): K. Volkert, D. Doyle

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=TCP 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: VOC 8260	Analyses: TCL VOC 8260 w/ 10 Library Search	QA Reporting Notes:
	1206372	5/22/07	910	G	GW	2	3			3	X		
	1206372D					4				1		X	Please Analyze CT 6/8/07
	1206372		910			4	3			1		X	HOLD
	1206373		1025			2	3			1	X		
	1206372					4				1		X	
	1206373		1035			4				1		X	HOLD Please Analyze CT 6/8/07
	1206374					2	3				X		
	1206374MS					4				1		X	
	1206374				GW	4				1		X	HOLD
	1206375	5/22/07	1300	G	X	2	1				X		

☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____

State specific reporting standards: CT residential

Relinquished by:	Received by:	Date:	Time:
	CSA Unisys	5/23/07	1400
		5/24/07	11:54

☐ Fax results when available to (_____) _____
☒ E-mail to CVenable@Sunesis.com
EDD Format CSA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ 4°C

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: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Christina Venable
100 Northwest Dr
Plainville CT 06010
LSA
Project Mgr.: Tom Salinero

Invoice To: LSA
100 Northwest Dr
Plainville CT 06010
P.O. No.: 1262 RQN: _____

Project No.: 5/MH 603
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): K. Volkert D. Ryder

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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	[illegible]						
	1206370	5/25/07	SL	G	GW	2	3					✓							
	1206370[illegible]	↓	↓	↓	↓	4				1			✓						
	1206376	↓	8:16	↓	↓	4				1			✓						HOLD
	1206371	↓	10:[illegible]	↓	↓	2	3					✓							
	1206371[illegible]	↓	↓	↓	↓	4				1			✓						
	1206371	5/[illegible]	10:[illegible]	G	GW	4				1			✓						HOLD

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other_____

State specific reporting standards: CA Residential

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@lourelro.com
EDD Format LSA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C [illegible]

Relinquished by:	Received by:	Date:	Time:
[signature]	LSA fridge	5/25/07	1400
[signature]	[signature]	5/29/07	11:54

APPENDIX B

APPENDIX B

Analytical Laboratory Reports

Report Date:
07-Aug-06 15:58

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Jamie Jarvis

Project: Quarterly Groundwater Monitoring and Dev - CT
Project 91MH603.001

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA48857-01	1174235	Ground Water	27-Jul-06 11:00	31-Jul-06 16:16
SA48857-02	1174235 UF	Ground Water	27-Jul-06 11:00	31-Jul-06 16:16
SA48857-03	1174242	Ground Water	27-Jul-06 13:05	31-Jul-06 16:16
SA48857-04	1174242 UF	Ground Water	27-Jul-06 13:05	31-Jul-06 16:16
SA48857-05	1174266	Ground Water	27-Jul-06 15:15	31-Jul-06 16:16
SA48857-06	1174266 UF	Ground Water	27-Jul-06 15:15	31-Jul-06 16:16
SA48857-07	1174265	Ground Water	27-Jul-06 15:30	31-Jul-06 16:16
SA48857-08	1174240	Ground Water	27-Jul-06 14:20	31-Jul-06 16:16
SA48857-09	1174240 UF	Ground Water	27-Jul-06 14:20	31-Jul-06 16:16
SA48857-10	1174241	Ground Water	27-Jul-06 14:05	31-Jul-06 16:16
SA48857-11	1174241 UF	Ground Water	27-Jul-06 14:05	31-Jul-06 16:16
SA48857-12	1174236	Ground Water	27-Jul-06 11:30	31-Jul-06 16:16
SA48857-13	1174236 UF	Ground Water	27-Jul-06 11:30	31-Jul-06 16:16
SA48857-14	1174238	Ground Water	27-Jul-06 13:15	31-Jul-06 16:16
SA48857-15	1174238 UF	Ground Water	27-Jul-06 13:15	31-Jul-06 16:16
SA48857-16	1174237	Ground Water	27-Jul-06 11:45	31-Jul-06 16:16
SA48857-17	1174237 UF	Ground Water	27-Jul-06 11:45	31-Jul-06 16:16
SA48857-18	1174239	Ground Water	27-Jul-06 14:40	31-Jul-06 16:16
SA48857-19	1174239 UF	Ground Water	27-Jul-06 14:40	31-Jul-06 16:16

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 39 pages of analytical data plus Chain of Custody document(s).
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH nelac

Authorized By:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method indicated. 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
1174235 SA48857-01	91MH603.001	Ground Water	27-Jul-06 11:00	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
6-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.0		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
5-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174235 SA48857-01	91MH603.001	Ground Water	27-Jul-06 11:00	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	2.8		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.2*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174235 UF SA48857-02	91MH603.001	Ground Water	27-Jul-06 11:00	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	02-Aug-06	05-Aug-06	6080108	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0754		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0058		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0916		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	02-Aug-06	03-Aug-06	6080109	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174242 SA48857-03	91MH603.001	Ground Water	27-Jul-06 13:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
9-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1174242 SA48857-03	91MH603.001	Ground Water	27-Jul-06 13:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	1.7		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174242 UF SA48857-04	91MH603.001	Ground Water	27-Jul-06 13:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	02-Aug-06	05-Aug-06	6080108	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0587		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0142		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.390		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.410		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.105		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	02-Aug-06	03-Aug-06	6080109	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174266 SA48857-05	91MH603.001	Ground Water	27-Jul-06 15:15	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174266 SA48857-05	91MH603.001	Ground Water	27-Jul-06 15:15	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.8*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174266 UF SA48857-06	91MH603.001	Ground Water	27-Jul-06 15:15	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	02-Aug-06	05-Aug-06	6080108	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0873		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	02-Aug-06	03-Aug-06	6080109	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174265 SA48857-07	91MH603.001	Ground Water	27-Jul-06 15:30	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	*n*-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174265 SA48857-07	91MH603.001	Ground Water	27-Jul-06 15:30	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*95.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.2*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174240 SA48857-08	91MH603.001	Ground Water	27-Jul-06 14:20	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]2-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1174240 SA48857-08	91MH603.001	Ground Water	27-Jul-06 14:20	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174240 UF SA48857-09	91MH603.001	Ground Water	27-Jul-06 14:20	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	02-Aug-06	05-Aug-06	6080108	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0148		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0150		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0112		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0237		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.127		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	02-Aug-06	03-Aug-06	6080109	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174241 SA48857-10	91MH603.001	Ground Water	27-Jul-06 14:05	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174241 SA48857-10	91MH603.001	Ground Water	27-Jul-06 14:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*95.2*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.6*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174241 UF SA48857-11	91MH603.001	Ground Water	27-Jul-06 14:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	02-Aug-06	05-Aug-06	6080108	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.123		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	02-Aug-06	03-Aug-06	6080109	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174236 SA48857-12	91MH603.001	Ground Water	27-Jul-06 11:30	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	*Dibromochloromethane*	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.9		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	*Methyl tert-butyl ether*	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174236 SA48857-12	91MH603.001	Ground Water	27-Jul-06 11:30	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	2.5		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.8*		*70-130 %*			"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174236 UF SA48857-13	91MH603.001	Ground Water	27-Jul-06 11:30	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	02-Aug-06	05-Aug-06	6080108	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0623		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0072		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0698		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	02-Aug-06	03-Aug-06	6080109	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174238	91MH603.001	Ground Water	27-Jul-06 13:15	31-Jul-06
SA48857-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174238 SA48857-14	91MH603.001	Ground Water	27-Jul-06 13:15	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	6.4		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	6.6		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174238 UF SA48857-15	91MH603.001	Ground Water	27-Jul-06 13:15	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	02-Aug-06	05-Aug-06	6080108	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0244		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0026		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0910		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	02-Aug-06	03-Aug-06	6080109	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174237 SA48857-16	91MH603.001	Ground Water	27-Jul-06 11:45	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
3-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174237	91MH603.001	Ground Water	27-Jul-06 11:45	31-Jul-06
SA48857-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174237 UF SA48857-17	91MH603.001	Ground Water	27-Jul-06 11:45	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	02-Aug-06	05-Aug-06	6080108	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0428		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	*0.0750*		*mg/l*	*0.0300*	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	02-Aug-06	03-Aug-06	6080109	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174239 SA48857-18	91MH603.001	Ground Water	27-Jul-06 14:40	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	2.5		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	5.2		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	1.7		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	10.9		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174239 SA48857-18	91MH603.001	Ground Water	27-Jul-06 14:40	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	51.5		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	4.1		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	4.1		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174239 UF SA48857-19	91MH603.001	Ground Water	27-Jul-06 14:40	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	02-Aug-06	05-Aug-06	6080108	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0682		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0042		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.622		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.660		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0726		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	02-Aug-06	03-Aug-06	6080109	YP

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
Blank (6080262-BLK1)										
Prepared & Analyzed: 04-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
Blank (6080262-BLK1)										
Prepared & Analyzed: 04-Aug-06										
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*45.9*		µg/l		*50.0*		*91.8*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/l		*50.0*		*99.0*	*70-130*		
Surrogate: Dibromofluoromethane	*50.3*		µg/l		*50.0*		*101*	*70-130*		
LCS (6080262-BS1)										
Prepared & Analyzed: 04-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.3		µg/l		20.0		81.5	70-130		25
Acetone	23.1		µg/l		20.0		116	70-130		50
Acrylonitrile	20.2		µg/l		20.0		101	70-130		25
Benzene	19.3		µg/l		20.0		96.5	70-130		25
Bromobenzene	19.2		µg/l		20.0		96.0	70-130		25
Bromochloromethane	18.3		µg/l		20.0		91.5	70-130		25
Bromodichloromethane	18.5		µg/l		20.0		92.5	70-130		25
Bromoform	20.6		µg/l		20.0		103	70-130		25
Bromomethane	19.6		µg/l		20.0		98.0	70-130		50
2-Butanone (MEK)	19.4		µg/l		20.0		97.0	70-130		50
n-Butylbenzene	18.0		µg/l		20.0		90.0	70-130		25
sec-Butylbenzene	19.6		µg/l		20.0		98.0	70-130		25
tert-Butylbenzene	19.4		µg/l		20.0		97.0	70-130		25
Carbon disulfide	20.9		µg/l		20.0		104	70-130		25
Carbon tetrachloride	18.4		µg/l		20.0		92.0	70-130		25
Chlorobenzene	19.8		µg/l		20.0		99.0	70-130		25
Chloroethane	18.0		µg/l		20.0		90.0	70-130		50
Chloroform	18.2		µg/l		20.0		91.0	70-130		25
Chloromethane	19.2		µg/l		20.0		96.0	70-130		25
2-Chlorotoluene	21.4		µg/l		20.0		107	70-130		25
4-Chlorotoluene	18.9		µg/l		20.0		94.5	70-130		25
1,2-Dibromo-3-chloropropane	23.9		µg/l		20.0		120	70-130		25
Dibromochloromethane	18.0		µg/l		20.0		90.0	70-130		50
1,2-Dibromoethane (EDB)	16.7		µg/l		20.0		83.5	70-130		25
Dibromomethane	18.2		µg/l		20.0		91.0	70-130		25
1,2-Dichlorobenzene	20.3		µg/l		20.0		102	70-130		25
1,3-Dichlorobenzene	19.6		µg/l		20.0		98.0	70-130		25
1,4-Dichlorobenzene	18.6		µg/l		20.0		93.0	70-130		25
Dichlorodifluoromethane (Freon12)	18.9		µg/l		20.0		94.5	70-130		50
1,1-Dichloroethane	19.0		µg/l		20.0		95.0	70-130		25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
LCS (6080262-BS1)										
Prepared & Analyzed: 04-Aug-06										
1,2-Dichloroethane	17.2		µg/l		20.0		86.0	70-130		25
1,1-Dichloroethene	17.6		µg/l		20.0		88.0	70-130		25
cis-1,2-Dichloroethene	19.9		µg/l		20.0		99.5	70-130		25
trans-1,2-Dichloroethene	17.0		µg/l		20.0		85.0	70-130		25
1,2-Dichloropropane	18.8		µg/l		20.0		94.0	70-130		25
1,3-Dichloropropane	18.7		µg/l		20.0		93.5	70-130		25
2,2-Dichloropropane	10.1	QC-2	µg/l		20.0		50.5	70-130		25
1,1-Dichloropropene	18.5		µg/l		20.0		92.5	70-130		25
cis-1,3-Dichloropropene	15.9		µg/l		20.0		79.5	70-130		25
trans-1,3-Dichloropropene	15.4		µg/l		20.0		77.0	70-130		25
Ethylbenzene	20.7		µg/l		20.0		104	70-130		25
Hexachlorobutadiene	18.7		µg/l		20.0		93.5	70-130		50
2-Hexanone (MBK)	17.2		µg/l		20.0		86.0	70-130		25
Isopropylbenzene	19.6		µg/l		20.0		98.0	70-130		25
4-Isopropyltoluene	18.9		µg/l		20.0		94.5	70-130		25
Methyl tert-butyl ether	16.1		µg/l		20.0		80.5	70-130		25
4-Methyl-2-pentanone (MIBK)	17.6		µg/l		20.0		88.0	70-130		50
Methylene chloride	18.6		µg/l		20.0		93.0	70-130		25
Naphthalene	18.3		µg/l		20.0		91.5	70-130		25
n-Propylbenzene	18.0		µg/l		20.0		90.0	70-130		25
Styrene	19.7		µg/l		20.0		98.5	70-130		25
1,1,1,2-Tetrachloroethane	19.6		µg/l		20.0		98.0	70-130		25
1,1,2,2-Tetrachloroethane	19.9		µg/l		20.0		99.5	70-130		25
Tetrachloroethene	14.6		µg/l		20.0		73.0	70-130		25
Toluene	17.6		µg/l		20.0		88.0	70-130		25
1,2,3-Trichlorobenzene	18.4		µg/l		20.0		92.0	70-130		25
1,2,4-Trichlorobenzene	16.6		µg/l		20.0		83.0	70-130		25
1,1,1-Trichloroethane	17.7		µg/l		20.0		88.5	70-130		25
1,1,2-Trichloroethane	17.8		µg/l		20.0		89.0	70-130		25
Trichloroethene	17.2		µg/l		20.0		86.0	70-130		25
Trichlorofluoromethane (Freon 11)	19.4		µg/l		20.0		97.0	70-130		50
1,2,3-Trichloropropane	22.8		µg/l		20.0		114	70-130		25
1,2,4-Trimethylbenzene	20.3		µg/l		20.0		102	70-130		25
1,3,5-Trimethylbenzene	19.7		µg/l		20.0		98.5	70-130		25
Vinyl chloride	20.4		µg/l		20.0		102	70-130		25
m,p-Xylene	37.7		µg/l		40.0		94.2	70-130		25
o-Xylene	18.9		µg/l		20.0		94.5	70-130		25
Tetrahydrofuran	20.9		µg/l		20.0		104	70-130		25
Ethyl ether	17.8		µg/l		20.0		89.0	70-136		50
Tert-amyl methyl ether	19.1		µg/l		20.0		95.5	70-130		25
Ethyl tert-butyl ether	17.2		µg/l		20.0		86.0	70-130		25
Di-isopropyl ether	18.8		µg/l		20.0		94.0	70-130		25
Tert-Butanol / butyl alcohol	171		µg/l		200		85.5	70-130		25
1,4-Dioxane	194		µg/l		200		97.0	36.5-156		25
Surrogate: 4-Bromofluorobenzene	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*47.4*		µg/l		*50.0*		*94.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.9*		µg/l		*50.0*		*95.8*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (6080262-BSD1)										
Prepared & Analyzed: 04-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	14.9		µg/l		20.0		74.5	70-130	8.97	25
Acetone	21.2		µg/l		20.0		106	70-130	9.01	50
Acrylonitrile	19.1		µg/l		20.0		95.5	70-130	5.60	25
Benzene	18.0		µg/l		20.0		90.0	70-130	6.97	25
Bromobenzene	18.6		µg/l		20.0		93.0	70-130	3.17	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
LCS Dup (6080262-BSD1)										
Prepared & Analyzed: 04-Aug-06										
Bromochloromethane	17.4		µg/l		20.0		87.0	70-130	5.04	25
Bromodichloromethane	17.9		µg/l		20.0		89.5	70-130	3.30	25
Bromoform	19.4		µg/l		20.0		97.0	70-130	6.00	25
Bromomethane	19.5		µg/l		20.0		97.5	70-130	0.512	50
2-Butanone (MEK)	22.1		µg/l		20.0		110	70-130	12.6	50
n-Butylbenzene	16.6		µg/l		20.0		83.0	70-130	8.09	25
sec-Butylbenzene	17.8		µg/l		20.0		89.0	70-130	9.63	25
tert-Butylbenzene	18.0		µg/l		20.0		90.0	70-130	7.49	25
Carbon disulfide	18.9		µg/l		20.0		94.5	70-130	9.57	25
Carbon tetrachloride	16.9		µg/l		20.0		84.5	70-130	8.50	25
Chlorobenzene	18.4		µg/l		20.0		92.0	70-130	7.33	25
Chloroethane	17.5		µg/l		20.0		87.5	70-130	2.82	50
Chloroform	16.6		µg/l		20.0		83.0	70-130	9.20	25
Chloromethane	18.0		µg/l		20.0		90.0	70-130	6.45	25
2-Chlorotoluene	20.3		µg/l		20.0		102	70-130	4.78	25
4-Chlorotoluene	18.0		µg/l		20.0		90.0	70-130	4.88	25
1,2-Dibromo-3-chloropropane	22.0		µg/l		20.0		110	70-130	8.70	25
Dibromochloromethane	18.4		µg/l		20.0		92.0	70-130	2.20	50
1,2-Dibromoethane (EDB)	18.3		µg/l		20.0		91.5	70-130	9.14	25
Dibromomethane	18.2		µg/l		20.0		91.0	70-130	0.00	25
1,2-Dichlorobenzene	19.4		µg/l		20.0		97.0	70-130	5.03	25
1,3-Dichlorobenzene	18.3		µg/l		20.0		91.5	70-130	6.86	25
1,4-Dichlorobenzene	18.0		µg/l		20.0		90.0	70-130	3.28	25
Dichlorodifluoromethane (Freon12)	17.2		µg/l		20.0		86.0	70-130	9.42	50
1,1-Dichloroethane	17.1		µg/l		20.0		85.5	70-130	10.5	25
1,2-Dichloroethane	17.0		µg/l		20.0		85.0	70-130	1.17	25
1,1-Dichloroethene	16.6		µg/l		20.0		83.0	70-130	5.85	25
cis-1,2-Dichloroethene	18.1		µg/l		20.0		90.5	70-130	9.47	25
trans-1,2-Dichloroethene	15.5		µg/l		20.0		77.5	70-130	9.23	25
1,2-Dichloropropane	18.4		µg/l		20.0		92.0	70-130	2.15	25
1,3-Dichloropropane	19.0		µg/l		20.0		95.0	70-130	1.59	25
2,2-Dichloropropane	8.8	QC-2	µg/l		20.0		44.0	70-130	13.8	25
1,1-Dichloropropene	17.3		µg/l		20.0		86.5	70-130	6.70	25
cis-1,3-Dichloropropene	15.8		µg/l		20.0		79.0	70-130	0.631	25
trans-1,3-Dichloropropene	15.0		µg/l		20.0		75.0	70-130	2.63	25
Ethylbenzene	18.8		µg/l		20.0		94.0	70-130	10.1	25
Hexachlorobutadiene	17.1		µg/l		20.0		85.5	70-130	8.94	50
2-Hexanone (MBK)	17.2		µg/l		20.0		86.0	70-130	0.00	25
Isopropylbenzene	17.9		µg/l		20.0		89.5	70-130	9.07	25
4-Isopropyltoluene	17.6		µg/l		20.0		88.0	70-130	7.12	25
Methyl tert-butyl ether	16.1		µg/l		20.0		80.5	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	18.2		µg/l		20.0		91.0	70-130	3.35	50
Methylene chloride	18.4		µg/l		20.0		92.0	70-130	1.08	25
Naphthalene	17.2		µg/l		20.0		86.0	70-130	6.20	25
n-Propylbenzene	15.9		µg/l		20.0		79.5	70-130	12.4	25
Styrene	18.3		µg/l		20.0		91.5	70-130	7.37	25
1,1,1,2-Tetrachloroethane	18.7		µg/l		20.0		93.5	70-130	4.70	25
1,1,2,2-Tetrachloroethane	18.8		µg/l		20.0		94.0	70-130	5.68	25
Tetrachloroethene	14.0		µg/l		20.0		70.0	70-130	4.20	25
Toluene	17.0		µg/l		20.0		85.0	70-130	3.47	25
1,2,3-Trichlorobenzene	17.1		µg/l		20.0		85.5	70-130	7.32	25
1,2,4-Trichlorobenzene	16.1		µg/l		20.0		80.5	70-130	3.06	25
1,1,1-Trichloroethane	16.0		µg/l		20.0		80.0	70-130	10.1	25
1,1,2-Trichloroethane	18.8		µg/l		20.0		94.0	70-130	5.46	25
Trichloroethene	16.8		µg/l		20.0		84.0	70-130	2.35	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
LCS Dup (6080262-BSD1)										
Prepared & Analyzed: 04-Aug-06										
Trichlorofluoromethane (Freon 11)	17.2		µg/l		20.0		86.0	70-130	12.0	50
1,2,3-Trichloropropane	22.9		µg/l		20.0		114	70-130	0.00	25
1,2,4-Trimethylbenzene	18.6		µg/l		20.0		93.0	70-130	9.23	25
1,3,5-Trimethylbenzene	17.8		µg/l		20.0		89.0	70-130	10.1	25
Vinyl chloride	18.9		µg/l		20.0		94.5	70-130	7.63	25
m,p-Xylene	34.5		µg/l		40.0		86.2	70-130	8.87	25
o-Xylene	17.8		µg/l		20.0		89.0	70-130	5.99	25
Tetrahydrofuran	20.3		µg/l		20.0		102	70-130	1.94	25
Ethyl ether	16.7		µg/l		20.0		83.5	70-136	6.38	50
Tert-amyl methyl ether	19.5		µg/l		20.0		97.5	70-130	2.07	25
Ethyl tert-butyl ether	16.7		µg/l		20.0		83.5	70-130	2.95	25
Di-isopropyl ether	18.1		µg/l		20.0		90.5	70-130	3.79	25
Tert-Butanol / butyl alcohol	163		µg/l		200		81.5	70-130	4.79	25
1,4-Dioxane	205		µg/l		200		102	36.5-156	5.03	25
Surrogate: 4-Bromofluorobenzene	*50.9*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/l		*50.0*		*94.8*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Matrix Spike (6080262-MS1) **Source: SA48857-01**										
Prepared & Analyzed: 04-Aug-06										
Benzene	16.8		µg/l		20.0	BRL	84.0	70-130		30
Chlorobenzene	19.1		µg/l		20.0	BRL	95.5	70-130		30
1,1-Dichloroethene	14.6		µg/l		20.0	BRL	73.0	70-130		30
Toluene	17.0		µg/l		20.0	BRL	85.0	70-130		30
Trichloroethene	17.0		µg/l		20.0	BRL	85.0	70-130		30
Surrogate: 4-Bromofluorobenzene	*43.6*		µg/l		*50.0*		*87.2*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Dibromofluoromethane	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Matrix Spike Dup (6080262-MSD1) **Source: SA48857-01**										
Prepared & Analyzed: 04-Aug-06										
Benzene	17.1		µg/l		20.0	BRL	85.5	70-130	1.77	30
Chlorobenzene	19.1		µg/l		20.0	BRL	95.5	70-130	0.00	30
1,1-Dichloroethene	15.3		µg/l		20.0	BRL	76.5	70-130	4.68	30
Toluene	17.5		µg/l		20.0	BRL	87.5	70-130	2.90	30
Trichloroethene	17.4		µg/l		20.0	BRL	87.0	70-130	2.33	30
Surrogate: 4-Bromofluorobenzene	*43.5*		µg/l		*50.0*		*87.0*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.2*		µg/l		*50.0*		*96.4*	*70-130*		
Surrogate: Dibromofluoromethane	*48.0*		µg/l		*50.0*		*96.0*	*70-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080108 - SW846 3005A										
Blank (6080108-BLK1)										
Prepared: 02-Aug-06 Analyzed: 05-Aug-06										
Nickel	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.0300						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
LCS (6080108-BS1)										
Prepared: 02-Aug-06 Analyzed: 05-Aug-06										
Nickel	0.477		mg/l	0.0050	0.500		95.4	85-115		20
Zinc	0.564		mg/l	0.0300	0.500		113	85-115		20
Lead	0.473		mg/l	0.0075	0.500		94.6	85-115		20
Selenium	0.470		mg/l	0.0150	0.500		94.0	85-115		20
Copper	0.516		mg/l	0.0050	0.500		103	85-115		20
Cadmium	0.495		mg/l	0.0025	0.500		99.0	85-115		20
Barium	0.508		mg/l	0.0050	0.500		102	85-115		20
Arsenic	0.460		mg/l	0.0040	0.500		92.0	85-115		20
Silver	0.455		mg/l	0.0050	0.500		91.0	85-115		20
Chromium	0.481		mg/l	0.0050	0.500		96.2	85-115		20
LCS Dup (6080108-BSD1)										
Prepared: 02-Aug-06 Analyzed: 05-Aug-06										
Lead	0.486		mg/l	0.0075	0.500		97.2	85-115	2.71	20
Zinc	0.526		mg/l	0.0300	0.500		105	85-115	6.97	20
Selenium	0.481		mg/l	0.0150	0.500		96.2	85-115	2.31	20
Nickel	0.493		mg/l	0.0050	0.500		98.6	85-115	3.30	20
Chromium	0.497		mg/l	0.0050	0.500		99.4	85-115	3.27	20
Silver	0.466		mg/l	0.0050	0.500		93.2	85-115	2.39	20
Cadmium	0.512		mg/l	0.0025	0.500		102	85-115	3.38	20
Barium	0.525		mg/l	0.0050	0.500		105	85-115	3.29	20
Arsenic	0.472		mg/l	0.0040	0.500		94.4	85-115	2.58	20
Copper	0.530		mg/l	0.0050	0.500		106	85-115	2.68	20
Duplicate (6080108-DUP1) **Source: SA48856-01**										
Prepared: 02-Aug-06 Analyzed: 05-Aug-06										
Zinc	0.105		mg/l	0.0300		0.116			9.95	20
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Nickel	BRL		mg/l	0.0050		BRL				20
Cadmium	BRL		mg/l	0.0025		0.0003			0.00	20
Copper	BRL	QR-01	mg/l	0.0050		0.0026			26.7	20
Barium	0.0746		mg/l	0.0050		0.0774			3.68	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (6080108-MS1) **Source: SA48857-02**										
Prepared: 02-Aug-06 Analyzed: 05-Aug-06										
Lead	0.465		mg/l	0.0075	0.500	BRL	93.0	75-125		20
Zinc	0.600		mg/l	0.0300	0.500	0.0916	102	75-125		20
Nickel	0.492		mg/l	0.0050	0.500	0.0058	97.2	75-125		20
Selenium	0.491		mg/l	0.0150	0.500	BRL	98.2	75-125		20

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080108 - SW846 3005A										
Matrix Spike (6080108-MS1) **Source: SA48857-02**										
Prepared: 02-Aug-06 Analyzed: 05-Aug-06										
Arsenic	0.490		mg/l	0.0040	0.500	BRL	98.0	75-125		20
Silver	0.468		mg/l	0.0050	0.500	0.0013	93.3	75-125		20
Barium	0.602		mg/l	0.0050	0.500	0.0754	105	75-125		20
Cadmium	0.497		mg/l	0.0025	0.500	0.0007	99.3	75-125		20
Chromium	0.497		mg/l	0.0050	0.500	BRL	99.4	75-125		20
Copper	0.545		mg/l	0.0050	0.500	0.0031	108	75-125		20
Matrix Spike Dup (6080108-MSD1) **Source: SA48857-02**										
Prepared: 02-Aug-06 Analyzed: 05-Aug-06										
Selenium	0.464		mg/l	0.0150	0.500	BRL	92.8	75-125	5.65	20
Zinc	0.556		mg/l	0.0300	0.500	0.0916	92.9	75-125	7.61	20
Lead	0.441		mg/l	0.0075	0.500	BRL	88.2	75-125	5.30	20
Nickel	0.468		mg/l	0.0050	0.500	0.0058	92.4	75-125	5.00	20
Copper	0.542		mg/l	0.0050	0.500	0.0031	108	75-125	0.552	20
Barium	0.598		mg/l	0.0050	0.500	0.0754	105	75-125	0.667	20
Cadmium	0.472		mg/l	0.0025	0.500	0.0007	94.3	75-125	5.16	20
Arsenic	0.462		mg/l	0.0040	0.500	BRL	92.4	75-125	5.88	20
Silver	0.463		mg/l	0.0050	0.500	0.0013	92.3	75-125	1.07	20
Chromium	0.464		mg/l	0.0050	0.500	BRL	92.8	75-125	6.87	20
Post Spike (6080108-PS1) **Source: SA48857-02**										
Prepared: 02-Aug-06 Analyzed: 05-Aug-06										
Lead	0.449		mg/l	0.0075	0.500	BRL	89.8	80-120		20
Nickel	0.480		mg/l	0.0050	0.500	0.0058	94.8	80-120		20
Zinc	0.564		mg/l	0.0300	0.500	0.0916	94.5	80-120		20
Selenium	0.472		mg/l	0.0150	0.500	BRL	94.4	80-120		20
Silver	0.456		mg/l	0.0050	0.500	0.0013	90.9	80-120		20
Copper	0.542		mg/l	0.0050	0.500	0.0031	108	80-120		20
Chromium	0.476		mg/l	0.0050	0.500	BRL	95.2	80-120		20
Cadmium	0.484		mg/l	0.0025	0.500	0.0007	96.7	80-120		20
Arsenic	0.472		mg/l	0.0040	0.500	BRL	94.4	80-120		20
Barium	0.595		mg/l	0.0050	0.500	0.0754	104	80-120		20

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080109 - EPA200/SW7000 Series										
Blank (6080109-BLK1)										
Prepared: 02-Aug-06 Analyzed: 03-Aug-06										
Mercury	BRL		mg/l	0.00020						
LCS (6080109-BS1)										
Prepared: 02-Aug-06 Analyzed: 03-Aug-06										
Mercury	0.00231		mg/l	0.00020	0.00250		92.4	80-120		20
Duplicate (6080109-DUP1) Source: SA48857-02										
Prepared: 02-Aug-06 Analyzed: 03-Aug-06										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (6080109-MS1) Source: SA48857-06										
Prepared: 02-Aug-06 Analyzed: 03-Aug-06										
Mercury	0.00231		mg/l	0.00020	0.00250	0.00012	87.6	75-125		20
Matrix Spike Dup (6080109-MSD1) Source: SA48857-06										
Prepared: 02-Aug-06 Analyzed: 03-Aug-06										
Mercury	0.00241		mg/l	0.00020	0.00250	0.00012	91.6	75-125	4.24	20
Post Spike (6080109-PS1) Source: SA48857-06										
Prepared: 02-Aug-06 Analyzed: 03-Aug-06										
Mercury	0.00215		mg/l	0.00020	0.00250	0.00012	81.2	75-125		20

Notes and Definitions

FP	Field Preserved
QC-2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
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.
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

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

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. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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

SA488-57

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CHAIN OF CUSTODY RECORD

Page 1 of 3

WH60106750 (9W)

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: Jaime Jarvis
Loureiro Engineering Assoc.
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Jaimie Jarvis

Invoice To: LEA
100 Northwest Dr
Plainville CT 06062
Att: Jamie Jarvis
P.O. No.: RQN:

Project No.: 91MH603.001
Site Name: Quarterly Groundwater Monitoring + Dev
Location: MacDermid, Waterbury State: CT
Sampler(s): LEA

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

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other

State specific reporting standards: CT RSR - SWPC, GA Res

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC's 8260B	RCRA + cyanide							
A48857-01	1174235	7/27/06	1100	G	GW	2,9	3					X								
1	1174235	7/27/06	1100	G	GW	4,9				1			X							HOLD
02	1174235uF	7/27/06	1100	G	GW	4,9				1			X							
03	1174242	7/27/06	1305	G	GW	2,9	3					X								
04	1174242uF	7/27/06	1305	G	GW	4,9				1			X							
05	1174266	7/27/06	1515	G	GW	2,9	3					X								
06	1174266uF	7/27/06	1515	G	GW	4,9				1			X							
07	1174265	7/27/06	1530	G	GW	2,9	1					X								
08	1174240	7/27/06	1420	G	GW	2,9	3					X								
09	1174240uF	7/27/06	1420	G	GW	4,9				1			X							

☐ Fax results when available to ( )
☒ E-mail to JJarvis@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1.9

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Cridge	7/27/06	1720
LEA Cridge (AAA)	[signature]	7-31-06	1:30
[signature]	[signature]	7/31/06	16:16

Gurt

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4 57

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CHAIN OF CUSTODY RECORD

Page 2 of 3

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: Jaime Jarvis (LEA)
100 Northwest Dr
Plainville CT 06062

Project Mgr.: Jaime Jarvis

Invoice To: LEA
100 Northwest Dr
Plainville CT 06062
Att Jaime Jarvis

P.O. No.: _____ RQN: _____

Project No.: 91MH603.001
Site Name: Quarterly Groundwater Monitoring + Der
Location: MacDermid, Waterbury State: CT
Sampler(s): LEA

1=Na_2S2O_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

Containers: Analyses:

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report
QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other_____
State specific reporting standards: CTR-SR-SWPC, GA, RES

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs 8260D	RCRA 8+cu,ni,Zn							
18857-10	1174241	7/27/06	1405	G	GW	2,9	3					X								
11	1174241uF	7/27/06	1405	G	GW	4,9				1			X							
12	1174236	7/27/06	1130	G	GW	2,9	3					X								
12	1174236 #4	7/27/06	1130	G	GW	4,9				1			X							HOLD sample ID 1174236
13	1174236uF	7/27/06	1130	G	GW	4,9				1			X							

RJD

☐ Fax results when available to (____) _____
☒ E-mail to JlJarvis@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1.9

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA fridge	7/27/06	1720
LEA fridge (JJ)	[signature]	7-31-06	1:30
[signature]	[signature]	7/31/06	16:16

Gun #

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SA48857

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CHAIN OF CUSTODY RECORD

Page 3 of 3

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: Jamie Jarvis
Loureiro Engineering Assoc.
100 Northwest Dr.
Plainville CT 06062
Project Mgr.: Jamie Jarvis

Invoice To: Loureiro Engineering Asso.
100 Northwest Dr.
Plainville CT 06062
Att: Jamie Jarvis
P.O. No.: _____ RQN: _____

Project No.: 81MH603.001
Site Name: MacDermid, Huntingdon Ave
Location: Waterbury State: CT
Sampler(s): K. Volkert, D. Ryder, R. D'Amico

1=Na_2S2O_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

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other _____

State specific reporting standards: CTRSR-SWPC, GA, Res

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC's 8260B	Metal RCRA8 Cu, Ni, Zn							QA Reporting Notes
A48857-14	1174238	7/27/06	1315	G	GW	2/9	3					X								
15	1174238uf		1315			4/9				1			X							
	~~1174238f~~		~~1315~~			~~4/9~~				~~1~~			~~X~~							~~HOLD~~ JJ 7/31/01
16	1174237		1145			2/9	3					X								
17	1174237uf		1145			4/9				1			X							
16	1174237 JJ		1145			4/9				1			X							HOLD
18	1174239		1440			2/9	3					X								
19	1174239uf		1440			4/9				1			X							
20	1174239 f/f JJ	7/27/06	1440	G	GW	4/9				1			X							HOLD

☐ Fax results when available to (860) 747.8822
☒ E-mail to jljarvis@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1.9

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	7/27/06	1720
(JJ) LEA Fridge	[signature]	7-31-06	1:30
[signature]	[signature]	7/31/06	14:26

#C REF

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Report Date:
07-Aug-06 16:06

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☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Jamie Jarvis

Project: Quarterly Groundwater Monitoring and Dev - CT
Project 91MH603.001

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA48865-01	1174243	Ground Water	28-Jul-06 09:50	31-Jul-06 16:16
SA48865-02	1174243 UF	Ground Water	28-Jul-06 09:50	31-Jul-06 16:16
SA48865-03	1174248	Ground Water	28-Jul-06 11:30	31-Jul-06 16:16
SA48865-04	1174248 UF	Ground Water	28-Jul-06 11:30	31-Jul-06 16:16
SA48865-05	1174246	Ground Water	28-Jul-06 10:20	31-Jul-06 16:16
SA48865-06	1174246 UF	Ground Water	28-Jul-06 10:20	31-Jul-06 16:16
SA48865-07	1174247	Ground Water	28-Jul-06 11:05	31-Jul-06 16:16
SA48865-09	1174247 UF	Ground Water	28-Jul-06 11:05	31-Jul-06 16:16
SA48865-10	1174244 UF	Ground Water	28-Jul-06 10:30	31-Jul-06 16:16
SA48865-11	1174264	Ground Water	28-Jul-06 11:05	31-Jul-06 16:16
SA48865-13	1174264 UF	Ground Water	28-Jul-06 11:05	31-Jul-06 16:16
SA48865-14	1174263	Ground Water	28-Jul-06 11:10	31-Jul-06 16:16
SA48865-15	1174245	Ground Water	28-Jul-06 12:20	31-Jul-06 16:16
SA48865-16	1174245 UF	Ground Water	28-Jul-06 12:20	31-Jul-06 16:16
SA48865-17	1174250	Ground Water	28-Jul-06 13:55	31-Jul-06 16:16
SA48865-18	1174250 UF	Ground Water	28-Jul-06 13:55	31-Jul-06 16:16
SA48865-19	1174249	Ground Water	28-Jul-06 13:40	31-Jul-06 16:16
SA48865-20	1174249 UF	Ground Water	28-Jul-06 13:40	31-Jul-06 16:16
SA48865-21	1174251	Ground Water	28-Jul-06 13:40	31-Jul-06 16:16
SA48865-22	1174251 UF	Ground Water	28-Jul-06 13:40	31-Jul-06 16:16
SA48865-23	1174244	Ground Water	28-Jul-06 10:30	31-Jul-06 16:16

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 61 pages of analytical data plus Chain of Custody document(s).
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Authorized by:

Hanibal G. Tayeh, Ph.D.
President/Laboratory Director

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ENVIRONMENTAL ANALYSES

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174243 SA48865-01	91MH603.001	Ground Water	28-Jul-06 09:50	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	4.2		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174243 SA48865-01	91MH603.001	Ground Water	28-Jul-06 09:50	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	6.3		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174243 UF SA48865-02	91MH603.001	Ground Water	28-Jul-06 09:50	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	ZZZ
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0113		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0086		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	1.25		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0269		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174248 SA48865-03	91MH603.001	Ground Water	28-Jul-06 11:30	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
3-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174248 SA48865-03	91MH603.001	Ground Water	28-Jul-06 11:30	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	3.9		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174248 UF SA48865-04	91MH603.001	Ground Water	28-Jul-06 11:30	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	ZZZ
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0238		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0094		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0142		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174246 SA48865-05	91MH603.001	Ground Water	28-Jul-06 10:20	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	1.6		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
6-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	6.9		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
5-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174246 SA48865-05	91MH603.001	Ground Water	28-Jul-06 10:20	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	1.2		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	7.2		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

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
1174246 UF SA48865-06	91MH603.001	Ground Water	28-Jul-06 10:20	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	ZZZ
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0607		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174247 SA48865-07	91MH603.001	Ground Water	28-Jul-06 11:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634 04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174247 SA48865-07	91MH603.001	Ground Water	28-Jul-06 11:05	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	2.0		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.2*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174247 UF SA48865-09	91MH603.001	Ground Water	28-Jul-06 11:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	ZZZ
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0310		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0052		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174244 UF SA48865-10	91MH603.001	Ground Water	28-Jul-06 10:30	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	ZZZ
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.122		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174264 SA48865-11	91MH603.001	Ground Water	28-Jul-06 11:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
4-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
08-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
9-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174264 SA48865-11	91MH603.001	Ground Water	28-Jul-06 11:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	04-Aug-06	6080262	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	1.8		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174264 UF SA48865-13	91MH603.001	Ground Water	28-Jul-06 11:05	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	ZZZ
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0282		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0052		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174263 SA48865-14	91MH603.001	Ground Water	28-Jul-06 11:10	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	07-Aug-06	07-Aug-06	6080444	tr
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174263 SA48865-14	91MH603.001	Ground Water	28-Jul-06 11:10	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	07-Aug-06	07-Aug-06	6080444	tr
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*88.3*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*90.7*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*89.3*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174245 SA48865-15	91MH603.001	Ground Water	28-Jul-06 12:20	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	07-Aug-06	07-Aug-06	6080442	KS
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174245 SA48865-15	91MH603.001	Ground Water	28-Jul-06 12:20	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	07-Aug-06	07-Aug-06	6080442	KS
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97.0*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174245 UF SA48865-16	91MH603.001	Ground Water	28-Jul-06 12:20	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	ZZZ
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0424		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174250 SA48865-17	91MH603.001	Ground Water	28-Jul-06 13:55	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	07-Aug-06	07-Aug-06	6080442	KS
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
24-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1174250 SA48865-17	91MH603.001	Ground Water	28-Jul-06 13:55	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	07-Aug-06	07-Aug-06	6080442	KS
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.4*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174250 UF SA48865-18	91MH603.001	Ground Water	28-Jul-06 13:55	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
otal Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	ZZZ
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0283		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174249 SA48865-19	91MH603.001	Ground Water	28-Jul-06 13:40	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	05-Aug-06	6080317	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174249	91MH603.001	Ground Water	28-Jul-06 13:40	31-Jul-06
SA48865-19				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	05-Aug-06	6080317	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174249 UF SA48865-20	91MH603.001	Ground Water	28-Jul-06 13:40	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	ZZZ
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0190		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0059		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174251 SA48865-21	91MH603.001	Ground Water	28-Jul-06 13:40	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	05-Aug-06	6080317	EK
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]4-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]9-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174251 SA48865-21	91MH603.001	Ground Water	28-Jul-06 13:40	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	04-Aug-06	05-Aug-06	6080317	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	6.8		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	2.3		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174251 UF SA48865-22	91MH603.001	Ground Water	28-Jul-06 13:40	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Aug-06	05-Aug-06	6080131	RE
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.457		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0508	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Aug-06	04-Aug-06	6080133	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174244 SA48865-23	91MH603.001	Ground Water	28-Jul-06 10:30	31-Jul-06

Volatile Organic Compounds

Volatile Organic Compounds by SW846 8260B

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	05-Aug-06	06-Aug-06	6080403	KL
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1174244 SA48865-23	91MH603.001	Ground Water	28-Jul-06 10:30	31-Jul-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	05-Aug-06	06-Aug-06	6080403	KL
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
5-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*92.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.7*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
Blank (6080262-BLK1)										
Prepared & Analyzed: 04-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
Blank (6080262-BLK1)										
Prepared & Analyzed: 04-Aug-06										
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*45.9*		µg/l		*50.0*		*91.8*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/l		*50.0*		*99.0*	*70-130*		
Surrogate: Dibromofluoromethane	*50.3*		µg/l		*50.0*		*101*	*70-130*		
LCS (6080262-BS1)										
Prepared & Analyzed: 04-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.3		µg/l		20.0		81.5	70-130		25
Acetone	23.1		µg/l		20.0		116	70-130		50
Acrylonitrile	20.2		µg/l		20.0		101	70-130		25
Benzene	19.3		µg/l		20.0		96.5	70-130		25
Bromobenzene	19.2		µg/l		20.0		96.0	70-130		25
Bromochloromethane	18.3		µg/l		20.0		91.5	70-130		25
Bromodichloromethane	18.5		µg/l		20.0		92.5	70-130		25
Bromoform	20.6		µg/l		20.0		103	70-130		25
Bromomethane	19.6		µg/l		20.0		98.0	70-130		50
2-Butanone (MEK)	19.4		µg/l		20.0		97.0	70-130		50
n-Butylbenzene	18.0		µg/l		20.0		90.0	70-130		25
sec-Butylbenzene	19.6		µg/l		20.0		98.0	70-130		25
tert-Butylbenzene	19.4		µg/l		20.0		97.0	70-130		25
Carbon disulfide	20.9		µg/l		20.0		104	70-130		25
Carbon tetrachloride	18.4		µg/l		20.0		92.0	70-130		25
Chlorobenzene	19.8		µg/l		20.0		99.0	70-130		25
Chloroethane	18.0		µg/l		20.0		90.0	70-130		50
Chloroform	18.2		µg/l		20.0		91.0	70-130		25
Chloromethane	19.2		µg/l		20.0		96.0	70-130		25
2-Chlorotoluene	21.4		µg/l		20.0		107	70-130		25
4-Chlorotoluene	18.9		µg/l		20.0		94.5	70-130		25
1,2-Dibromo-3-chloropropane	23.9		µg/l		20.0		120	70-130		25
Dibromochloromethane	18.0		µg/l		20.0		90.0	70-130		50
1,2-Dibromoethane (EDB)	16.7		µg/l		20.0		83.5	70-130		25
Dibromomethane	18.2		µg/l		20.0		91.0	70-130		25
1,2-Dichlorobenzene	20.3		µg/l		20.0		102	70-130		25
1,3-Dichlorobenzene	19.6		µg/l		20.0		98.0	70-130		25
1,4-Dichlorobenzene	18.6		µg/l		20.0		93.0	70-130		25
Dichlorodifluoromethane (Freon12)	18.9		µg/l		20.0		94.5	70-130		50
1,1-Dichloroethane	19.0		µg/l		20.0		95.0	70-130		25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
LCS (6080262-BS1)										
Prepared & Analyzed: 04-Aug-06										
1,2-Dichloroethane	17.2		µg/l		20.0		86.0	70-130		25
1,1-Dichloroethene	17.6		µg/l		20.0		88.0	70-130		25
cis-1,2-Dichloroethene	19.9		µg/l		20.0		99.5	70-130		25
trans-1,2-Dichloroethene	17.0		µg/l		20.0		85.0	70-130		25
1,2-Dichloropropane	18.8		µg/l		20.0		94.0	70-130		25
1,3-Dichloropropane	18.7		µg/l		20.0		93.5	70-130		25
2,2-Dichloropropane	10.1	QC-2	µg/l		20.0		50.5	70-130		25
1,1-Dichloropropene	18.5		µg/l		20.0		92.5	70-130		25
cis-1,3-Dichloropropene	15.9		µg/l		20.0		79.5	70-130		25
trans-1,3-Dichloropropene	15.4		µg/l		20.0		77.0	70-130		25
Ethylbenzene	20.7		µg/l		20.0		104	70-130		25
Hexachlorobutadiene	18.7		µg/l		20.0		93.5	70-130		50
2-Hexanone (MBK)	17.2		µg/l		20.0		86.0	70-130		25
Isopropylbenzene	19.6		µg/l		20.0		98.0	70-130		25
4-Isopropyltoluene	18.9		µg/l		20.0		94.5	70-130		25
Methyl tert-butyl ether	16.1		µg/l		20.0		80.5	70-130		25
4-Methyl-2-pentanone (MIBK)	17.6		µg/l		20.0		88.0	70-130		50
Methylene chloride	18.6		µg/l		20.0		93.0	70-130		25
Naphthalene	18.3		µg/l		20.0		91.5	70-130		25
n-Propylbenzene	18.0		µg/l		20.0		90.0	70-130		25
Styrene	19.7		µg/l		20.0		98.5	70-130		25
1,1,1,2-Tetrachloroethane	19.6		µg/l		20.0		98.0	70-130		25
1,1,2,2-Tetrachloroethane	19.9		µg/l		20.0		99.5	70-130		25
Tetrachloroethene	14.6		µg/l		20.0		73.0	70-130		25
Toluene	17.6		µg/l		20.0		88.0	70-130		25
1,2,3-Trichlorobenzene	18.4		µg/l		20.0		92.0	70-130		25
1,2,4-Trichlorobenzene	16.6		µg/l		20.0		83.0	70-130		25
1,1,1-Trichloroethane	17.7		µg/l		20.0		88.5	70-130		25
1,1,2-Trichloroethane	17.8		µg/l		20.0		89.0	70-130		25
Trichloroethene	17.2		µg/l		20.0		86.0	70-130		25
Trichlorofluoromethane (Freon 11)	19.4		µg/l		20.0		97.0	70-130		50
1,2,3-Trichloropropane	22.8		µg/l		20.0		114	70-130		25
1,2,4-Trimethylbenzene	20.3		µg/l		20.0		102	70-130		25
1,3,5-Trimethylbenzene	19.7		µg/l		20.0		98.5	70-130		25
Vinyl chloride	20.4		µg/l		20.0		102	70-130		25
m,p-Xylene	37.7		µg/l		40.0		94.2	70-130		25
o-Xylene	18.9		µg/l		20.0		94.5	70-130		25
Tetrahydrofuran	20.9		µg/l		20.0		104	70-130		25
Ethyl ether	17.8		µg/l		20.0		89.0	70-136		50
Tert-amyl methyl ether	19.1		µg/l		20.0		95.5	70-130		25
Ethyl tert-butyl ether	17.2		µg/l		20.0		86.0	70-130		25
Di-isopropyl ether	18.8		µg/l		20.0		94.0	70-130		25
Tert-Butanol / butyl alcohol	171		µg/l		200		85.5	70-130		25
1,4-Dioxane	194		µg/l		200		97.0	36.5-156		25
Surrogate: 4-Bromofluorobenzene	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*47.4*		µg/l		*50.0*		*94.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.9*		µg/l		*50.0*		*95.8*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (6080262-BSD1)										
Prepared & Analyzed: 04-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	14.9		µg/l		20.0		74.5	70-130	8.97	25
Acetone	21.2		µg/l		20.0		106	70-130	9.01	50
Acrylonitrile	19.1		µg/l		20.0		95.5	70-130	5.60	25
Benzene	18.0		µg/l		20.0		90.0	70-130	6.97	25
Bromobenzene	18.6		µg/l		20.0		93.0	70-130	3.17	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
LCS Dup (6080262-BSD1)										
Prepared & Analyzed: 04-Aug-06										
Bromochloromethane	17.4		µg/l		20.0		87.0	70-130	5.04	25
Bromodichloromethane	17.9		µg/l		20.0		89.5	70-130	3.30	25
Bromoform	19.4		µg/l		20.0		97.0	70-130	6.00	25
Bromomethane	19.5		µg/l		20.0		97.5	70-130	0.512	50
2-Butanone (MEK)	22.1		µg/l		20.0		110	70-130	12.6	50
n-Butylbenzene	16.6		µg/l		20.0		83.0	70-130	8.09	25
sec-Butylbenzene	17.8		µg/l		20.0		89.0	70-130	9.63	25
tert-Butylbenzene	18.0		µg/l		20.0		90.0	70-130	7.49	25
Carbon disulfide	18.9		µg/l		20.0		94.5	70-130	9.57	25
Carbon tetrachloride	16.9		µg/l		20.0		84.5	70-130	8.50	25
Chlorobenzene	18.4		µg/l		20.0		92.0	70-130	7.33	25
Chloroethane	17.5		µg/l		20.0		87.5	70-130	2.82	50
Chloroform	16.6		µg/l		20.0		83.0	70-130	9.20	25
Chloromethane	18.0		µg/l		20.0		90.0	70-130	6.45	25
2-Chlorotoluene	20.3		µg/l		20.0		102	70-130	4.78	25
4-Chlorotoluene	18.0		µg/l		20.0		90.0	70-130	4.88	25
1,2-Dibromo-3-chloropropane	22.0		µg/l		20.0		110	70-130	8.70	25
Dibromochloromethane	18.4		µg/l		20.0		92.0	70-130	2.20	50
1,2-Dibromoethane (EDB)	18.3		µg/l		20.0		91.5	70-130	9.14	25
Dibromomethane	18.2		µg/l		20.0		91.0	70-130	0.00	25
1,2-Dichlorobenzene	19.4		µg/l		20.0		97.0	70-130	5.03	25
1,3-Dichlorobenzene	18.3		µg/l		20.0		91.5	70-130	6.86	25
1,4-Dichlorobenzene	18.0		µg/l		20.0		90.0	70-130	3.28	25
Dichlorodifluoromethane (Freon12)	17.2		µg/l		20.0		86.0	70-130	9.42	50
1-Dichloroethane	17.1		µg/l		20.0		85.5	70-130	10.5	25
2-Dichloroethane	17.0		µg/l		20.0		85.0	70-130	1.17	25
1,1-Dichloroethene	16.6		µg/l		20.0		83.0	70-130	5.85	25
cis-1,2-Dichloroethene	18.1		µg/l		20.0		90.5	70-130	9.47	25
trans-1,2-Dichloroethene	15.5		µg/l		20.0		77.5	70-130	9.23	25
1,2-Dichloropropane	18.4		µg/l		20.0		92.0	70-130	2.15	25
1,3-Dichloropropane	19.0		µg/l		20.0		95.0	70-130	1.59	25
2,2-Dichloropropane	8.8	QC-2	µg/l		20.0		44.0	70-130	13.8	25
1,1-Dichloropropene	17.3		µg/l		20.0		86.5	70-130	6.70	25
cis-1,3-Dichloropropene	15.8		µg/l		20.0		79.0	70-130	0.631	25
trans-1,3-Dichloropropene	15.0		µg/l		20.0		75.0	70-130	2.63	25
Ethylbenzene	18.8		µg/l		20.0		94.0	70-130	10.1	25
Hexachlorobutadiene	17.1		µg/l		20.0		85.5	70-130	8.94	50
2-Hexanone (MBK)	17.2		µg/l		20.0		86.0	70-130	0.00	25
Isopropylbenzene	17.9		µg/l		20.0		89.5	70-130	9.07	25
4-Isopropyltoluene	17.6		µg/l		20.0		88.0	70-130	7.12	25
Methyl tert-butyl ether	16.1		µg/l		20.0		80.5	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	18.2		µg/l		20.0		91.0	70-130	3.35	50
Methylene chloride	18.4		µg/l		20.0		92.0	70-130	1.08	25
Naphthalene	17.2		µg/l		20.0		86.0	70-130	6.20	25
n-Propylbenzene	15.9		µg/l		20.0		79.5	70-130	12.4	25
Styrene	18.3		µg/l		20.0		91.5	70-130	7.37	25
1,1,1,2-Tetrachloroethane	18.7		µg/l		20.0		93.5	70-130	4.70	25
1,1,2,2-Tetrachloroethane	18.8		µg/l		20.0		94.0	70-130	5.68	25
Tetrachloroethene	14.0		µg/l		20.0		70.0	70-130	4.20	25
Toluene	17.0		µg/l		20.0		85.0	70-130	3.47	25
1,2,3-Trichlorobenzene	17.1		µg/l		20.0		85.5	70-130	7.32	25
1,2,4-Trichlorobenzene	16.1		µg/l		20.0		80.5	70-130	3.06	25
1,1,1-Trichloroethane	16.0		µg/l		20.0		80.0	70-130	10.1	25
1,1,2-Trichloroethane	18.8		µg/l		20.0		94.0	70-130	5.46	25
Trichloroethene	16.8		µg/l		20.0		84.0	70-130	2.35	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080262 - SW846 5030 Water MS										
LCS Dup (6080262-BSD1)										
Prepared & Analyzed: 04-Aug-06										
Trichlorofluoromethane (Freon 11)	17.2		µg/l		20.0		86.0	70-130	12.0	50
1,2,3-Trichloropropane	22.9		µg/l		20.0		114	70-130	0.00	25
1,2,4-Trimethylbenzene	18.6		µg/l		20.0		93.0	70-130	9.23	25
1,3,5-Trimethylbenzene	17.8		µg/l		20.0		89.0	70-130	10.1	25
Vinyl chloride	18.9		µg/l		20.0		94.5	70-130	7.63	25
m,p-Xylene	34.5		µg/l		40.0		86.2	70-130	8.87	25
o-Xylene	17.8		µg/l		20.0		89.0	70-130	5.99	25
Tetrahydrofuran	20.3		µg/l		20.0		102	70-130	1.94	25
Ethyl ether	16.7		µg/l		20.0		83.5	70-136	6.38	50
Tert-amyl methyl ether	19.5		µg/l		20.0		97.5	70-130	2.07	25
Ethyl tert-butyl ether	16.7		µg/l		20.0		83.5	70-130	2.95	25
Di-isopropyl ether	18.1		µg/l		20.0		90.5	70-130	3.79	25
Tert-Butanol / butyl alcohol	163		µg/l		200		81.5	70-130	4.79	25
1,4-Dioxane	205		µg/l		200		102	36.5-156	5.03	25
Surrogate: 4-Bromofluorobenzene	*50.9*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/l		*50.0*		*94.8*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Matrix Spike (6080262-MS1) **Source: SA48857-01**										
Prepared & Analyzed: 04-Aug-06										
Benzene	16.8		µg/l		20.0	BRL	84.0	70-130		30
Chlorobenzene	19.1		µg/l		20.0	BRL	95.5	70-130		30
1,1-Dichloroethene	14.6		µg/l		20.0	BRL	73.0	70-130		30
Toluene	17.0		µg/l		20.0	BRL	85.0	70-130		30
Trichloroethene	17.0		µg/l		20.0	BRL	85.0	70-130		30
Surrogate: 4-Bromofluorobenzene	*43.6*		µg/l		*50.0*		*87.2*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Dibromofluoromethane	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Matrix Spike Dup (6080262-MSD1) **Source: SA48857-01**										
Prepared & Analyzed: 04-Aug-06										
Benzene	17.1		µg/l		20.0	BRL	85.5	70-130	1.77	30
Chlorobenzene	19.1		µg/l		20.0	BRL	95.5	70-130	0.00	30
1,1-Dichloroethene	15.3		µg/l		20.0	BRL	76.5	70-130	4.68	30
Toluene	17.5		µg/l		20.0	BRL	87.5	70-130	2.90	30
Trichloroethene	17.4		µg/l		20.0	BRL	87.0	70-130	2.33	30
Surrogate: 4-Bromofluorobenzene	*43.5*		µg/l		*50.0*		*87.0*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.2*		µg/l		*50.0*		*96.4*	*70-130*		
Surrogate: Dibromofluoromethane	*48.0*		µg/l		*50.0*		*96.0*	*70-130*		
Batch 6080317 - SW846 5030 Water MS										
Blank (6080317-BLK1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080317 - SW846 5030 Water MS										
Blank (6080317-BLK1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080317 - SW846 5030 Water MS										
Blank (6080317-BLK1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*43.6*		µg/l		*50.0*		*87.2*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.9*		µg/l		*50.0*		*97.8*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
LCS (6080317-BS1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.9		µg/l		20.0		94.5	70-130		25
Acetone	22.9		µg/l		20.0		114	70-130		50
Acrylonitrile	19.1		µg/l		20.0		95.5	70-130		25
Benzene	20.1		µg/l		20.0		100	70-130		25
Bromobenzene	20.1		µg/l		20.0		100	70-130		25
Bromochloromethane	20.5		µg/l		20.0		102	70-130		25
Bromodichloromethane	19.3		µg/l		20.0		96.5	70-130		25
Bromoform	18.9		µg/l		20.0		94.5	70-130		25
Bromomethane	25.1		µg/l		20.0		126	70-130		50
2-Butanone (MEK)	18.9		µg/l		20.0		94.5	70-130		50
n-Butylbenzene	20.0		µg/l		20.0		100	70-130		25
sec-Butylbenzene	20.3		µg/l		20.0		102	70-130		25
tert-Butylbenzene	20.3		µg/l		20.0		102	70-130		25
Carbon disulfide	23.8		µg/l		20.0		119	70-130		25
Carbon tetrachloride	19.5		µg/l		20.0		97.5	70-130		25
Chlorobenzene	19.6		µg/l		20.0		98.0	70-130		25
Chloroethane	20.2		µg/l		20.0		101	70-130		50
Chloroform	18.7		µg/l		20.0		93.5	70-130		25
Chloromethane	22.0		µg/l		20.0		110	70-130		25
2-Chlorotoluene	21.9		µg/l		20.0		110	70-130		25
4-Chlorotoluene	20.0		µg/l		20.0		100	70-130		25
1,2-Dibromo-3-chloropropane	17.3		µg/l		20.0		86.5	70-130		25
Dibromochloromethane	19.6		µg/l		20.0		98.0	70-130		50
1,2-Dibromoethane (EDB)	18.4		µg/l		20.0		92.0	70-130		25
Dibromomethane	19.3		µg/l		20.0		96.5	70-130		25
1,2-Dichlorobenzene	20.9		µg/l		20.0		104	70-130		25
1,3-Dichlorobenzene	20.4		µg/l		20.0		102	70-130		25
1,4-Dichlorobenzene	20.3		µg/l		20.0		102	70-130		25
Dichlorodifluoromethane (Freon12)	23.6		µg/l		20.0		118	70-130		50
1,1-Dichloroethane	19.8		µg/l		20.0		99.0	70-130		25
1,2-Dichloroethane	17.8		µg/l		20.0		89.0	70-130		25
1,1-Dichloroethene	19.5		µg/l		20.0		97.5	70-130		25
cis-1,2-Dichloroethene	20.9		µg/l		20.0		104	70-130		25
trans-1,2-Dichloroethene	18.3		µg/l		20.0		91.5	70-130		25
1,2-Dichloropropane	20.1		µg/l		20.0		100	70-130		25
1,3-Dichloropropane	20.0		µg/l		20.0		100	70-130		25
2,2-Dichloropropane	12.5	QC-2	µg/l		20.0		62.5	70-130		25
1,1-Dichloropropene	20.3		µg/l		20.0		102	70-130		25
cis-1,3-Dichloropropene	17.9		µg/l		20.0		89.5	70-130		25
trans-1,3-Dichloropropene	17.0		µg/l		20.0		85.0	70-130		25
Ethylbenzene	20.6		µg/l		20.0		103	70-130		25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080317 - SW846 5030 Water MS										
LCS (6080317-BS1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
Hexachlorobutadiene	20.0		µg/l		20.0		100	70-130		50
2-Hexanone (MBK)	17.1		µg/l		20.0		85.5	70-130		25
Isopropylbenzene	20.1		µg/l		20.0		100	70-130		25
4-Isopropyltoluene	20.0		µg/l		20.0		100	70-130		25
Methyl tert-butyl ether	15.7		µg/l		20.0		78.5	70-130		25
4-Methyl-2-pentanone (MIBK)	17.5		µg/l		20.0		87.5	70-130		50
Methylene chloride	20.1		µg/l		20.0		100	70-130		25
Naphthalene	17.8		µg/l		20.0		89.0	70-130		25
n-Propylbenzene	17.9		µg/l		20.0		89.5	70-130		25
Styrene	20.2		µg/l		20.0		101	70-130		25
1,1,1,2-Tetrachloroethane	19.1		µg/l		20.0		95.5	70-130		25
1,1,2,2-Tetrachloroethane	17.2		µg/l		20.0		86.0	70-130		25
Tetrachloroethene	16.4		µg/l		20.0		82.0	70-130		25
Toluene	19.1		µg/l		20.0		95.5	70-130		25
1,2,3-Trichlorobenzene	18.8		µg/l		20.0		94.0	70-130		25
1,2,4-Trichlorobenzene	17.4		µg/l		20.0		87.0	70-130		25
1,1,1-Trichloroethane	18.0		µg/l		20.0		90.0	70-130		25
1,1,2-Trichloroethane	19.7		µg/l		20.0		98.5	70-130		25
Trichloroethene	20.0		µg/l		20.0		100	70-130		25
Trichlorofluoromethane (Freon 11)	21.4		µg/l		20.0		107	70-130		50
1,2,3-Trichloropropane	20.9		µg/l		20.0		104	70-130		25
1,2,4-Trimethylbenzene	20.4		µg/l		20.0		102	70-130		25
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130		25
Vinyl chloride	23.6		µg/l		20.0		118	70-130		25
m,p-Xylene	39.0		µg/l		40.0		97.5	70-130		25
o-Xylene	19.9		µg/l		20.0		99.5	70-130		25
Tetrahydrofuran	19.9		µg/l		20.0		99.5	70-130		25
Ethyl ether	17.8		µg/l		20.0		89.0	70-136		50
Tert-amyl methyl ether	19.4		µg/l		20.0		97.0	70-130		25
Ethyl tert-butyl ether	17.6		µg/l		20.0		88.0	70-130		25
Di-isopropyl ether	19.0		µg/l		20.0		95.0	70-130		25
Tert-Butanol / butyl alcohol	158		µg/l		200		79.0	70-130		25
1,4-Dioxane	169		µg/l		200		84.5	36.5-156		25
Surrogate: 4-Bromofluorobenzene	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.0*		µg/l		*50.0*		*94.0*	*70-130*		
Surrogate: Dibromofluoromethane	*50.3*		µg/l		*50.0*		*101*	*70-130*		
LCS Dup (6080317-BSD1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.4		µg/l		20.0		82.0	70-130	14.2	25
Acetone	23.5		µg/l		20.0		118	70-130	3.45	50
Acrylonitrile	20.1		µg/l		20.0		100	70-130	4.60	25
Benzene	18.7		µg/l		20.0		93.5	70-130	6.72	25
Bromobenzene	18.7		µg/l		20.0		93.5	70-130	6.72	25
Bromochloromethane	18.2		µg/l		20.0		91.0	70-130	11.4	25
Bromodichloromethane	19.1		µg/l		20.0		95.5	70-130	1.04	25
Bromoform	17.8		µg/l		20.0		89.0	70-130	5.99	25
Bromomethane	22.4		µg/l		20.0		112	70-130	11.8	50
2-Butanone (MEK)	19.5		µg/l		20.0		97.5	70-130	3.12	50
n-Butylbenzene	17.2		µg/l		20.0		86.0	70-130	15.1	25
sec-Butylbenzene	17.4		µg/l		20.0		87.0	70-130	15.9	25
tert-Butylbenzene	17.9		µg/l		20.0		89.5	70-130	13.1	25
Carbon disulfide	20.0		µg/l		20.0		100	70-130	17.4	25
Carbon tetrachloride	16.3		µg/l		20.0		81.5	70-130	17.9	25
Chlorobenzene	18.0		µg/l		20.0		90.0	70-130	8.51	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080317 - SW846 5030 Water MS										
LCS Dup (6080317-BSD1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
Chloroethane	17.2		µg/l		20.0		86.0	70-130	16.0	50
Chloroform	17.3		µg/l		20.0		86.5	70-130	7.78	25
Chloromethane	20.7		µg/l		20.0		104	70-130	5.61	25
2-Chlorotoluene	19.8		µg/l		20.0		99.0	70-130	10.5	25
4-Chlorotoluene	18.7		µg/l		20.0		93.5	70-130	6.72	25
1,2-Dibromo-3-chloropropane	17.6		µg/l		20.0		88.0	70-130	1.72	25
Dibromochloromethane	18.2		µg/l		20.0		91.0	70-130	7.41	50
1,2-Dibromoethane (EDB)	17.8		µg/l		20.0		89.0	70-130	3.31	25
Dibromomethane	18.0		µg/l		20.0		90.0	70-130	6.97	25
1,2-Dichlorobenzene	19.5		µg/l		20.0		97.5	70-130	6.45	25
1,3-Dichlorobenzene	18.4		µg/l		20.0		92.0	70-130	10.3	25
1,4-Dichlorobenzene	18.7		µg/l		20.0		93.5	70-130	8.70	25
Dichlorodifluoromethane (Freon12)	20.0		µg/l		20.0		100	70-130	16.5	50
1,1-Dichloroethane	18.0		µg/l		20.0		90.0	70-130	9.52	25
1,2-Dichloroethane	17.7		µg/l		20.0		88.5	70-130	0.563	25
1,1-Dichloroethene	16.3		µg/l		20.0		81.5	70-130	17.9	25
cis-1,2-Dichloroethene	19.5		µg/l		20.0		97.5	70-130	6.45	25
trans-1,2-Dichloroethene	16.1		µg/l		20.0		80.5	70-130	12.8	25
1,2-Dichloropropane	19.2		µg/l		20.0		96.0	70-130	4.08	25
1,3-Dichloropropane	19.0		µg/l		20.0		95.0	70-130	5.13	25
2,2-Dichloropropane	10.8	QC-2	µg/l		20.0		54.0	70-130	14.6	25
1,1-Dichloropropene	17.7		µg/l		20.0		88.5	70-130	14.2	25
cis-1,3-Dichloropropene	17.1		µg/l		20.0		85.5	70-130	4.57	25
trans-1,3-Dichloropropene	16.1		µg/l		20.0		80.5	70-130	5.44	25
Ethylbenzene	18.5		µg/l		20.0		92.5	70-130	10.7	25
Hexachlorobutadiene	16.6		µg/l		20.0		83.0	70-130	18.6	50
2-Hexanone (MBK)	17.2		µg/l		20.0		86.0	70-130	0.583	25
Isopropylbenzene	17.8		µg/l		20.0		89.0	70-130	11.6	25
4-Isopropyltoluene	17.9		µg/l		20.0		89.5	70-130	11.1	25
Methyl tert-butyl ether	15.3		µg/l		20.0		76.5	70-130	2.58	25
4-Methyl-2-pentanone (MIBK)	18.2		µg/l		20.0		91.0	70-130	3.92	50
Methylene chloride	18.7		µg/l		20.0		93.5	70-130	6.72	25
Naphthalene	16.4		µg/l		20.0		82.0	70-130	8.19	25
n-Propylbenzene	15.8		µg/l		20.0		79.0	70-130	12.5	25
Styrene	18.7		µg/l		20.0		93.5	70-130	7.71	25
1,1,1,2-Tetrachloroethane	17.3		µg/l		20.0		86.5	70-130	9.89	25
1,1,2,2-Tetrachloroethane	17.1		µg/l		20.0		85.5	70-130	0.583	25
Tetrachloroethene	15.3		µg/l		20.0		76.5	70-130	6.94	25
Toluene	17.6		µg/l		20.0		88.0	70-130	8.17	25
1,2,3-Trichlorobenzene	17.4		µg/l		20.0		87.0	70-130	7.73	25
1,2,4-Trichlorobenzene	16.8		µg/l		20.0		84.0	70-130	3.51	25
1,1,1-Trichloroethane	16.4		µg/l		20.0		82.0	70-130	9.30	25
1,1,2-Trichloroethane	18.5		µg/l		20.0		92.5	70-130	6.28	25
Trichloroethene	18.2		µg/l		20.0		91.0	70-130	9.42	25
Trichlorofluoromethane (Freon 11)	18.0		µg/l		20.0		90.0	70-130	17.3	50
1,2,3-Trichloropropane	21.4		µg/l		20.0		107	70-130	2.84	25
1,2,4-Trimethylbenzene	18.6		µg/l		20.0		93.0	70-130	9.23	25
1,3,5-Trimethylbenzene	17.9		µg/l		20.0		89.5	70-130	13.1	25
Vinyl chloride	20.2		µg/l		20.0		101	70-130	15.5	25
m,p-Xylene	34.5		µg/l		40.0		86.2	70-130	12.3	25
o-Xylene	17.6		µg/l		20.0		88.0	70-130	12.3	25
Tetrahydrofuran	21.1		µg/l		20.0		106	70-130	6.33	25
Ethyl ether	17.8		µg/l		20.0		89.0	70-136	0.00	50
Tert-amyl methyl ether	19.2		µg/l		20.0		96.0	70-130	1.04	25
Ethyl tert-butyl ether	17.2		µg/l		20.0		86.0	70-130	2.30	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080317 - SW846 5030 Water MS										
LCS Dup (6080317-BSD1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
Di-isopropyl ether	18.5		µg/l		20.0		92.5	70-130	2.67	25
Tert-Butanol / butyl alcohol	163		µg/l		200		81.5	70-130	3.12	25
1,4-Dioxane	189		µg/l		200		94.5	36.5-156	11.2	25
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.9*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.3*		µg/l		*50.0*		*96.6*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Matrix Spike (6080317-MS1) **Source: SA48865-19**										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
Benzene	17.5		µg/l		20.0	BRL	87.5	70-130		30
Chlorobenzene	19.3		µg/l		20.0	BRL	96.5	70-130		30
1,1-Dichloroethene	15.7		µg/l		20.0	BRL	78.5	70-130		30
Toluene	17.2		µg/l		20.0	BRL	86.0	70-130		30
Trichloroethene	16.9		µg/l		20.0	BRL	84.5	70-130		30
Surrogate: 4-Bromofluorobenzene	*44.6*		µg/l		*50.0*		*89.2*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.9*		µg/l		*50.0*		*97.8*	*70-130*		
Surrogate: Dibromofluoromethane	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Matrix Spike Dup (6080317-MSD1) **Source: SA48865-19**										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
Benzene	17.3		µg/l		20.0	BRL	86.5	70-130	1.15	30
Chlorobenzene	18.9		µg/l		20.0	BRL	94.5	70-130	2.09	30
1,1-Dichloroethene	15.7		µg/l		20.0	BRL	78.5	70-130	0.00	30
Toluene	17.4		µg/l		20.0	BRL	87.0	70-130	1.16	30
Trichloroethene	16.4		µg/l		20.0	BRL	82.0	70-130	3.00	30
Surrogate: 4-Bromofluorobenzene	*45.4*		µg/l		*50.0*		*90.8*	*70-130*		
Surrogate: Toluene-d8	*50.9*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: Dibromofluoromethane	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Batch 6080403 - SW846 5030 Water MS										
Blank (6080403-BLK1)										
Prepared & Analyzed: 05-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080403 - SW846 5030 Water MS										
Blank (6080403-BLK1)										
Prepared & Analyzed: 05-Aug-06										
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*30.8*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*27.4*		µg/l		*30.0*		*91.3*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.4*		µg/l		*30.0*		*101*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080403 - SW846 5030 Water MS										
Blank (6080403-BLK1)										
Prepared & Analyzed: 05-Aug-06										
Surrogate: Dibromofluoromethane	*28.6*		µg/l		*30.0*		*95.3*	*70-130*		
LCS (6080403-BS1)										
Prepared: 05-Aug-06 Analyzed: 06-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.6		µg/l		20.0		93.0	70-130		25
Acetone	24.0		µg/l		20.0		120	70-130		50
Acrylonitrile	20.7		µg/l		20.0		104	70-130		25
Benzene	20.1		µg/l		20.0		100	70-130		25
Bromobenzene	21.4		µg/l		20.0		107	70-130		25
Bromochloromethane	23.1		µg/l		20.0		116	70-130		25
Bromodichloromethane	24.5		µg/l		20.0		122	70-130		25
Bromoform	16.7		µg/l		20.0		83.5	70-130		25
Bromomethane	21.6		µg/l		20.0		108	70-130		50
2-Butanone (MEK)	20.3		µg/l		20.0		102	70-130		50
n-Butylbenzene	18.2		µg/l		20.0		91.0	70-130		25
sec-Butylbenzene	19.8		µg/l		20.0		99.0	70-130		25
tert-Butylbenzene	21.1		µg/l		20.0		106	70-130		25
Carbon disulfide	25.0		µg/l		20.0		125	70-130		25
Carbon tetrachloride	21.3		µg/l		20.0		106	70-130		25
Chlorobenzene	19.9		µg/l		20.0		99.5	70-130		25
Chloroethane	22.8		µg/l		20.0		114	70-130		50
Chloroform	21.5		µg/l		20.0		108	70-130		25
Chloromethane	23.8		µg/l		20.0		119	70-130		25
2-Chlorotoluene	18.6		µg/l		20.0		93.0	70-130		25
4-Chlorotoluene	20.4		µg/l		20.0		102	70-130		25
1,2-Dibromo-3-chloropropane	18.9		µg/l		20.0		94.5	70-130		25
Dibromochloromethane	22.6		µg/l		20.0		113	70-130		50
1,2-Dibromoethane (EDB)	24.6		µg/l		20.0		123	70-130		25
Dibromomethane	23.1		µg/l		20.0		116	70-130		25
1,2-Dichlorobenzene	21.0		µg/l		20.0		105	70-130		25
1,3-Dichlorobenzene	20.9		µg/l		20.0		104	70-130		25
1,4-Dichlorobenzene	20.3		µg/l		20.0		102	70-130		25
Dichlorodifluoromethane (Freon12)	25.0		µg/l		20.0		125	70-130		50
1,1-Dichloroethane	21.7		µg/l		20.0		108	70-130		25
1,2-Dichloroethane	22.6		µg/l		20.0		113	70-130		25
1,1-Dichloroethene	21.4		µg/l		20.0		107	70-130		25
cis-1,2-Dichloroethene	23.8		µg/l		20.0		119	70-130		25
trans-1,2-Dichloroethene	22.1		µg/l		20.0		110	70-130		25
1,2-Dichloropropane	22.0		µg/l		20.0		110	70-130		25
1,3-Dichloropropane	22.1		µg/l		20.0		110	70-130		25
2,2-Dichloropropane	17.8		µg/l		20.0		89.0	70-130		25
1,1-Dichloropropene	20.6		µg/l		20.0		103	70-130		25
cis-1,3-Dichloropropene	21.6		µg/l		20.0		108	70-130		25
trans-1,3-Dichloropropene	20.8		µg/l		20.0		104	70-130		25
Ethylbenzene	19.7		µg/l		20.0		98.5	70-130		25
Hexachlorobutadiene	21.3		µg/l		20.0		106	70-130		50
2-Hexanone (MBK)	20.5		µg/l		20.0		102	70-130		25
Isopropylbenzene	*19.2*		*µg/l*		*20.0*		*96.0*	*70-130*		25
4-Isopropyltoluene	20.5		µg/l		20.0		102	70-130		25
Methyl tert-butyl ether	23.0		µg/l		20.0		115	70-130		25
4-Methyl-2-pentanone (MIBK)	21.2		µg/l		20.0		106	70-130		50
Methylene chloride	20.5		µg/l		20.0		102	70-130		25
Naphthalene	22.1		µg/l		20.0		110	70-130		25
n-Propylbenzene	18.2		µg/l		20.0		91.0	70-130		25
Styrene	21.5		µg/l		20.0		108	70-130		25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080403 - SW846 5030 Water MS										
LCS (6080403-BS1)										
Prepared: 05-Aug-06 Analyzed: 06-Aug-06										
1,1,1,2-Tetrachloroethane	21.4		µg/l		20.0		107	70-130		25
1,1,2,2-Tetrachloroethane	18.0		µg/l		20.0		90.0	70-130		25
Tetrachloroethene	23.8		µg/l		20.0		119	70-130		25
Toluene	21.7		µg/l		20.0		108	70-130		25
1,2,3-Trichlorobenzene	21.9		µg/l		20.0		110	70-130		25
1,2,4-Trichlorobenzene	21.2		µg/l		20.0		106	70-130		25
1,1,1-Trichloroethane	22.8		µg/l		20.0		114	70-130		25
1,1,2-Trichloroethane	21.9		µg/l		20.0		110	70-130		25
Trichloroethene	22.8		µg/l		20.0		114	70-130		25
Trichlorofluoromethane (Freon 11)	18.9		µg/l		20.0		94.5	70-130		50
1,2,3-Trichloropropane	20.6		µg/l		20.0		103	70-130		25
1,2,4-Trimethylbenzene	20.4		µg/l		20.0		102	70-130		25
1,3,5-Trimethylbenzene	20.6		µg/l		20.0		103	70-130		25
Vinyl chloride	26.1		µg/l		20.0		130	70-130		25
m,p-Xylene	40.6		µg/l		40.0		102	70-130		25
o-Xylene	20.6		µg/l		20.0		103	70-130		25
Tetrahydrofuran	19.8		µg/l		20.0		99.0	70-130		25
Ethyl ether	22.3		µg/l		20.0		112	70-136		50
Tert-amyl methyl ether	19.8		µg/l		20.0		99.0	70-130		25
Ethyl tert-butyl ether	22.0		µg/l		20.0		110	70-130		25
Di-isopropyl ether	21.2		µg/l		20.0		106	70-130		25
Tert-Butanol / butyl alcohol	210		µg/l		200		105	70-130		25
1,4-Dioxane	218		µg/l		200		109	36.5-156		25
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*33.4*		µg/l		*30.0*		*111*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*34.9*		µg/l		*30.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*34.7*		µg/l		*30.0*		*116*	*70-130*		
LCS Dup (6080403-BSD1)										
Prepared: 05-Aug-06 Analyzed: 06-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.8	QC-1	µg/l		20.0		69.0	70-130	29.6	25
Acetone	18.5		µg/l		20.0		92.5	70-130	25.9	50
Acrylonitrile	17.2		µg/l		20.0		86.0	70-130	18.9	25
Benzene	15.7		µg/l		20.0		78.5	70-130	24.1	25
Bromobenzene	21.6		µg/l		20.0		108	70-130	0.930	25
Bromochloromethane	19.2		µg/l		20.0		96.0	70-130	18.9	25
Bromodichloromethane	19.8		µg/l		20.0		99.0	70-130	20.8	25
Bromoform	16.8		µg/l		20.0		84.0	70-130	0.597	25
Bromomethane	18.7		µg/l		20.0		93.5	70-130	14.4	50
2-Butanone (MEK)	17.0		µg/l		20.0		85.0	70-130	18.2	50
n-Butylbenzene	17.6		µg/l		20.0		88.0	70-130	3.35	25
sec-Butylbenzene	19.0		µg/l		20.0		95.0	70-130	4.12	25
tert-Butylbenzene	20.5		µg/l		20.0		102	70-130	3.85	25
Carbon disulfide	18.6	QR-02	µg/l		20.0		93.0	70-130	29.4	25
Carbon tetrachloride	15.7	QR-02	µg/l		20.0		78.5	70-130	29.8	25
Chlorobenzene	19.6		µg/l		20.0		98.0	70-130	1.52	25
Chloroethane	16.5		µg/l		20.0		82.5	70-130	32.1	50
Chloroform	16.7	QR-02	µg/l		20.0		83.5	70-130	25.6	25
Chloromethane	16.9	QR-02	µg/l		20.0		84.5	70-130	33.9	25
2-Chlorotoluene	18.4		µg/l		20.0		92.0	70-130	1.08	25
4-Chlorotoluene	19.8		µg/l		20.0		99.0	70-130	2.99	25
1,2-Dibromo-3-chloropropane	18.5		µg/l		20.0		92.5	70-130	2.14	25
Dibromochloromethane	19.0		µg/l		20.0		95.0	70-130	17.3	50
1,2-Dibromoethane (EDB)	20.5		µg/l		20.0		102	70-130	18.7	25
Dibromomethane	18.7		µg/l		20.0		93.5	70-130	21.5	25
1,2-Dichlorobenzene	20.9		µg/l		20.0		104	70-130	0.957	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080403 - SW846 5030 Water MS										
LCS Dup (6080403-BSD1)										
Prepared: 05-Aug-06 Analyzed: 06-Aug-06										
1,3-Dichlorobenzene	20.6		µg/l		20.0		103	70-130	0.966	25
1,4-Dichlorobenzene	20.1		µg/l		20.0		100	70-130	1.98	25
Dichlorodifluoromethane (Freon12)	19.0		µg/l		20.0		95.0	70-130	27.3	50
1,1-Dichloroethane	17.3		µg/l		20.0		86.5	70-130	22.1	25
1,2-Dichloroethane	18.3		µg/l		20.0		91.5	70-130	21.0	25
1,1-Dichloroethene	16.0	QR-02	µg/l		20.0		80.0	70-130	28.9	25
cis-1,2-Dichloroethene	18.2	QR-02	µg/l		20.0		91.0	70-130	26.7	25
trans-1,2-Dichloroethene	16.2	QR-02	µg/l		20.0		81.0	70-130	30.4	25
1,2-Dichloropropane	17.6		µg/l		20.0		88.0	70-130	22.2	25
1,3-Dichloropropane	18.0		µg/l		20.0		90.0	70-130	20.0	25
2,2-Dichloropropane	14.2		µg/l		20.0		71.0	70-130	22.5	25
1,1-Dichloropropene	15.6	QR-02	µg/l		20.0		78.0	70-130	27.6	25
cis-1,3-Dichloropropene	*17.6*		*µg/l*		*20.0*		*88.0*	*70-130*	*20.4*	*25*
trans-1,3-Dichloropropene	*17.7*		*µg/l*		*20.0*		*88.5*	*70-130*	*16.1*	*25*
Ethylbenzene	19.5		µg/l		20.0		97.5	70-130	1.02	25
Hexachlorobutadiene	21.2		µg/l		20.0		106	70-130	0.00	50
2-Hexanone (MBK)	16.7		µg/l		20.0		83.5	70-130	19.9	25
Isopropylbenzene	18.7		µg/l		20.0		93.5	70-130	2.64	25
4-Isopropyltoluene	19.6		µg/l		20.0		98.0	70-130	4.00	25
Methyl tert-butyl ether	18.6		µg/l		20.0		93.0	70-130	21.2	25
4-Methyl-2-pentanone (MIBK)	17.4		µg/l		20.0		87.0	70-130	19.7	50
Methylene chloride	16.9		µg/l		20.0		84.5	70-130	18.8	25
Naphthalene	21.9		µg/l		20.0		110	70-130	0.00	25
n-Propylbenzene	17.8		µg/l		20.0		89.0	70-130	2.22	25
Styrene	21.0		µg/l		20.0		105	70-130	2.82	25
1,1,1,2-Tetrachloroethane	20.9		µg/l		20.0		104	70-130	2.84	25
1,1,2,2-Tetrachloroethane	18.3		µg/l		20.0		91.5	70-130	1.65	25
Tetrachloroethene	18.8		µg/l		20.0		94.0	70-130	23.5	25
Toluene	*17.5*		*µg/l*		*20.0*		*87.5*	*70-130*	*21.0*	*25*
1,2,3-Trichlorobenzene	21.7		µg/l		20.0		108	70-130	1.83	25
1,2,4-Trichlorobenzene	20.7		µg/l		20.0		104	70-130	1.90	25
1,1,1-Trichloroethane	17.3	QR-02	µg/l		20.0		86.5	70-130	27.4	25
1,1,2-Trichloroethane	18.2		µg/l		20.0		91.0	70-130	18.9	25
Trichloroethene	18.1		µg/l		20.0		90.5	70-130	23.0	25
Trichlorofluoromethane (Freon 11)	16.4		µg/l		20.0		82.0	70-130	14.2	50
1,2,3-Trichloropropane	20.6		µg/l		20.0		103	70-130	0.00	25
1,2,4-Trimethylbenzene	21.2		µg/l		20.0		106	70-130	3.85	25
1,3,5-Trimethylbenzene	20.4		µg/l		20.0		102	70-130	0.976	25
Vinyl chloride	17.6	QR-02	µg/l		20.0		88.0	70-130	38.5	25
m,p-Xylene	41.0		µg/l		40.0		102	70-130	0.00	25
o-Xylene	20.4		µg/l		20.0		102	70-130	0.976	25
Tetrahydrofuran	16.8		µg/l		20.0		84.0	70-130	16.4	25
Ethyl ether	17.7		µg/l		20.0		88.5	70-136	23.4	50
Tert-amyl methyl ether	19.0		µg/l		20.0		95.0	70-130	4.12	25
Ethyl tert-butyl ether	18.2		µg/l		20.0		91.0	70-130	18.9	25
Di-isopropyl ether	16.9		µg/l		20.0		84.5	70-130	22.6	25
Tert-Butanol / butyl alcohol	168		µg/l		200		84.0	70-130	22.2	25
1,4-Dioxane	173		µg/l		200		86.5	36.5-156	23.0	25
Surrogate: 4-Bromofluorobenzene	*30.9*		*µg/l*		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*27.3*		*µg/l*		*30.0*		*91.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.8*		*µg/l*		*30.0*		*96.0*	*70-130*		
Surrogate: Dibromofluoromethane	*27.9*		*µg/l*		*30.0*		*93.0*	*70-130*		
Matrix Spike (6080403-MS1) **Source: SA48865-23**										
Prepared: 05-Aug-06 Analyzed: 06-Aug-06										
Benzene	24.1		µg/l		20.0	BRL	120	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080403 - SW846 5030 Water MS										
Matrix Spike (6080403-MS1) **Source: SA48865-23**										
Prepared: 05-Aug-06 Analyzed: 06-Aug-06										
Chlorobenzene	23.1		µg/l		20.0	BRL	116	70-130		30
1,1-Dichloroethene	20.7		µg/l		20.0	BRL	104	70-130		30
Toluene	20.6		µg/l		20.0	BRL	103	70-130		30
Trichloroethene	21.6		µg/l		20.0	BRL	108	70-130		30
Surrogate: 4-Bromofluorobenzene	*30.8*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*26.8*		µg/l		*30.0*		*89.3*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/l		*30.0*		*98.7*	*70-130*		
Surrogate: Dibromofluoromethane	*29.2*		µg/l		*30.0*		*97.3*	*70-130*		
Matrix Spike Dup (6080403-MSD1) **Source: SA48865-23**										
Prepared: 05-Aug-06 Analyzed: 06-Aug-06										
Benzene	22.7		µg/l		20.0	BRL	114	70-130	5.13	30
Chlorobenzene	23.2		µg/l		20.0	BRL	116	70-130	0.00	30
1,1-Dichloroethene	25.0		µg/l		20.0	BRL	125	70-130	18.3	30
Toluene	24.2		µg/l		20.0	BRL	121	70-130	16.1	30
Trichloroethene	24.8		µg/l		20.0	BRL	124	70-130	13.8	30
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*31.2*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*34.1*		µg/l		*30.0*		*114*	*70-130*		
Surrogate: Dibromofluoromethane	*33.9*		µg/l		*30.0*		*113*	*70-130*		
Batch 6080442 - SW846 5030 Water MS										
Blank (6080442-BLK1)										
Prepared & Analyzed: 07-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080442 - SW846 5030 Water MS										
Blank (6080442-BLK1)										
Prepared & Analyzed: 07-Aug-06										
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*49.5*		µg/l		*50.0*		*99.0*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.6*		µg/l		*50.0*		*95.2*	*70-130*		
Surrogate: Dibromofluoromethane	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
LCS (6080442-BS1)										
Prepared & Analyzed: 07-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.4		µg/l		20.0		87.0	70-130		25
Acetone	17.2		µg/l		20.0		86.0	70-130		50
Acrylonitrile	19.2		µg/l		20.0		96.0	70-130		25
Benzene	19.5		µg/l		20.0		97.5	70-130		25
Bromobenzene	20.6		µg/l		20.0		103	70-130		25
Bromochloromethane	19.5		µg/l		20.0		97.5	70-130		25
Bromodichloromethane	17.5		µg/l		20.0		87.5	70-130		25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080442 - SW846 5030 Water MS										
LCS (6080442-BS1)										
Prepared & Analyzed: 07-Aug-06										
Bromoform	14.1		µg/l		20.0		70.5	70-130		25
Bromomethane	19.7		µg/l		20.0		98.5	70-130		50
2-Butanone (MEK)	19.1		µg/l		20.0		95.5	70-130		50
n-Butylbenzene	22.2		µg/l		20.0		111	70-130		25
sec-Butylbenzene	21.7		µg/l		20.0		108	70-130		25
tert-Butylbenzene	21.0		µg/l		20.0		105	70-130		25
Carbon disulfide	19.7		µg/l		20.0		98.5	70-130		25
Carbon tetrachloride	13.4	QC-2	µg/l		20.0		67.0	70-130		25
Chlorobenzene	21.3		µg/l		20.0		106	70-130		25
Chloroethane	19.5		µg/l		20.0		97.5	70-130		50
Chloroform	18.3		µg/l		20.0		91.5	70-130		25
Chloromethane	18.7		µg/l		20.0		93.5	70-130		25
2-Chlorotoluene	20.9		µg/l		20.0		104	70-130		25
4-Chlorotoluene	20.4		µg/l		20.0		102	70-130		25
1,2-Dibromo-3-chloropropane	20.0		µg/l		20.0		100	70-130		25
Dibromochloromethane	15.3		µg/l		20.0		76.5	70-130		50
1,2-Dibromoethane (EDB)	19.4		µg/l		20.0		97.0	70-130		25
Dibromomethane	18.7		µg/l		20.0		93.5	70-130		25
1,2-Dichlorobenzene	21.8		µg/l		20.0		109	70-130		25
1,3-Dichlorobenzene	21.1		µg/l		20.0		106	70-130		25
1,4-Dichlorobenzene	21.2		µg/l		20.0		106	70-130		25
Dichlorodifluoromethane (Freon12)	21.1		µg/l		20.0		106	70-130		50
1,1-Dichloroethane	19.0		µg/l		20.0		95.0	70-130		25
1,2-Dichloroethane	18.2		µg/l		20.0		91.0	70-130		25
1,1-Dichloroethene	20.3		µg/l		20.0		102	70-130		25
cis-1,2-Dichloroethene	19.3		µg/l		20.0		96.5	70-130		25
trans-1,2-Dichloroethene	18.6		µg/l		20.0		93.0	70-130		25
1,2-Dichloropropane	19.8		µg/l		20.0		99.0	70-130		25
1,3-Dichloropropane	19.8		µg/l		20.0		99.0	70-130		25
2,2-Dichloropropane	18.9		µg/l		20.0		94.5	70-130		25
1,1-Dichloropropene	19.9		µg/l		20.0		99.5	70-130		25
cis-1,3-Dichloropropene	18.8		µg/l		20.0		94.0	70-130		25
trans-1,3-Dichloropropene	18.1		µg/l		20.0		90.5	70-130		25
Ethylbenzene	21.2		µg/l		20.0		106	70-130		25
Hexachlorobutadiene	20.7		µg/l		20.0		104	70-130		50
2-Hexanone (MBK)	18.0		µg/l		20.0		90.0	70-130		25
Isopropylbenzene	20.5		µg/l		20.0		102	70-130		25
4-Isopropyltoluene	22.4		µg/l		20.0		112	70-130		25
Methyl tert-butyl ether	18.7		µg/l		20.0		93.5	70-130		25
4-Methyl-2-pentanone (MIBK)	17.2		µg/l		20.0		86.0	70-130		50
Methylene chloride	19.6		µg/l		20.0		98.0	70-130		25
Naphthalene	23.3		µg/l		20.0		116	70-130		25
n-Propylbenzene	21.3		µg/l		20.0		106	70-130		25
Styrene	20.9		µg/l		20.0		104	70-130		25
1,1,1,2-Tetrachloroethane	17.2		µg/l		20.0		86.0	70-130		25
1,1,2,2-Tetrachloroethane	21.6		µg/l		20.0		108	70-130		25
Tetrachloroethene	19.4		µg/l		20.0		97.0	70-130		25
Toluene	19.2		µg/l		20.0		96.0	70-130		25
1,2,3-Trichlorobenzene	21.7		µg/l		20.0		108	70-130		25
1,2,4-Trichlorobenzene	21.2		µg/l		20.0		106	70-130		25
1,1,1-Trichloroethane	17.2		µg/l		20.0		86.0	70-130		25
1,1,2-Trichloroethane	19.0		µg/l		20.0		95.0	70-130		25
Trichloroethene	19.0		µg/l		20.0		95.0	70-130		25
Trichlorofluoromethane (Freon 11)	16.6		µg/l		20.0		83.0	70-130		50
1,2,3-Trichloropropane	24.6		µg/l		20.0		123	70-130		25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080442 - SW846 5030 Water MS										
LCS (6080442-BS1)										
Prepared & Analyzed: 07-Aug-06										
1,2,4-Trimethylbenzene	17.9		µg/l		20.0		89.5	70-130		25
1,3,5-Trimethylbenzene	20.5		µg/l		20.0		102	70-130		25
Vinyl chloride	22.6		µg/l		20.0		113	70-130		25
m,p-Xylene	43.0		µg/l		40.0		108	70-130		25
o-Xylene	21.5		µg/l		20.0		108	70-130		25
Tetrahydrofuran	18.9		µg/l		20.0		94.5	70-130		25
Ethyl ether	18.5		µg/l		20.0		92.5	70-136		50
Tert-amyl methyl ether	18.1		µg/l		20.0		90.5	70-130		25
Ethyl tert-butyl ether	18.4		µg/l		20.0		92.0	70-130		25
Di-isopropyl ether	17.5		µg/l		20.0		87.5	70-130		25
Tert-Butanol / butyl alcohol	166		µg/l		200		83.0	70-130		25
1,4-Dioxane	223		µg/l		200		112	36.5-156		25
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.8*		µg/l		*50.0*		*95.6*	*70-130*		
Surrogate: Dibromofluoromethane	*48.3*		µg/l		*50.0*		*96.6*	*70-130*		
LCS Dup (6080442-BSD1)										
Prepared & Analyzed: 07-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.5		µg/l		20.0		82.5	70-130	5.31	25
Acetone	18.7		µg/l		20.0		93.5	70-130	8.36	50
Acrylonitrile	20.1		µg/l		20.0		100	70-130	4.08	25
Benzene	19.0		µg/l		20.0		95.0	70-130	2.60	25
Bromobenzene	19.7		µg/l		20.0		98.5	70-130	4.47	25
Bromochloromethane	18.8		µg/l		20.0		94.0	70-130	3.66	25
Bromodichloromethane	17.5		µg/l		20.0		87.5	70-130	0.00	25
Bromoform	13.8	QC-1	µg/l		20.0		69.0	70-130	2.15	25
Bromomethane	19.1		µg/l		20.0		95.5	70-130	3.09	50
2-Butanone (MEK)	19.2		µg/l		20.0		96.0	70-130	0.522	50
n-Butylbenzene	22.0		µg/l		20.0		110	70-130	0.905	25
sec-Butylbenzene	21.2		µg/l		20.0		106	70-130	1.87	25
tert-Butylbenzene	20.5		µg/l		20.0		102	70-130	2.90	25
Carbon disulfide	17.8		µg/l		20.0		89.0	70-130	10.1	25
Carbon tetrachloride	13.0	QC-2	µg/l		20.0		65.0	70-130	3.03	25
Chlorobenzene	20.4		µg/l		20.0		102	70-130	3.85	25
Chloroethane	18.9		µg/l		20.0		94.5	70-130	3.12	50
Chloroform	18.0		µg/l		20.0		90.0	70-130	1.65	25
Chloromethane	17.5		µg/l		20.0		87.5	70-130	6.63	25
2-Chlorotoluene	20.1		µg/l		20.0		100	70-130	3.92	25
4-Chlorotoluene	19.5		µg/l		20.0		97.5	70-130	4.51	25
1,2-Dibromo-3-chloropropane	19.9		µg/l		20.0		99.5	70-130	0.501	25
Dibromochloromethane	15.2		µg/l		20.0		76.0	70-130	0.656	50
1,2-Dibromoethane (EDB)	19.6		µg/l		20.0		98.0	70-130	1.03	25
Dibromomethane	18.8		µg/l		20.0		94.0	70-130	0.533	25
1,2-Dichlorobenzene	21.0		µg/l		20.0		105	70-130	3.74	25
1,3-Dichlorobenzene	20.1		µg/l		20.0		100	70-130	5.83	25
1,4-Dichlorobenzene	20.3		µg/l		20.0		102	70-130	3.85	25
Dichlorodifluoromethane (Freon12)	19.5		µg/l		20.0		97.5	70-130	8.35	50
1,1-Dichloroethane	18.4		µg/l		20.0		92.0	70-130	3.21	25
1,2-Dichloroethane	17.7		µg/l		20.0		88.5	70-130	2.79	25
1,1-Dichloroethene	17.5		µg/l		20.0		87.5	70-130	15.3	25
cis-1,2-Dichloroethene	19.0		µg/l		20.0		95.0	70-130	1.57	25
trans-1,2-Dichloroethene	17.8		µg/l		20.0		89.0	70-130	4.40	25
2,2-Dichloropropane	19.3		µg/l		20.0		96.5	70-130	2.56	25
1,3-Dichloropropane	19.9		µg/l		20.0		99.5	70-130	0.504	25
2,2-Dichloropropane	18.1		µg/l		20.0		90.5	70-130	4.32	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080442 - SW846 5030 Water MS										
LCS Dup (6080442-BSD1)										
Prepared & Analyzed: 07-Aug-06										
1,1-Dichloropropene	19.1		µg/l		20.0		95.5	70-130	4.10	25
cis-1,3-Dichloropropene	18.1		µg/l		20.0		90.5	70-130	3.79	25
trans-1,3-Dichloropropene	17.2		µg/l		20.0		86.0	70-130	5.10	25
Ethylbenzene	20.1		µg/l		20.0		100	70-130	5.83	25
Hexachlorobutadiene	19.7		µg/l		20.0		98.5	70-130	5.43	50
2-Hexanone (MBK)	18.5		µg/l		20.0		92.5	70-130	2.74	25
Isopropylbenzene	19.7		µg/l		20.0		98.5	70-130	3.49	25
4-Isopropyltoluene	21.4		µg/l		20.0		107	70-130	4.57	25
Methyl tert-butyl ether	19.0		µg/l		20.0		95.0	70-130	1.59	25
4-Methyl-2-pentanone (MIBK)	17.9		µg/l		20.0		89.5	70-130	3.99	50
Methylene chloride	19.1		µg/l		20.0		95.5	70-130	2.58	25
Naphthalene	23.0		µg/l		20.0		115	70-130	0.866	25
n-Propylbenzene	20.5		µg/l		20.0		102	70-130	3.85	25
Styrene	20.0		µg/l		20.0		100	70-130	3.92	25
1,1,1,2-Tetrachloroethane	16.5		µg/l		20.0		82.5	70-130	4.15	25
1,1,2,2-Tetrachloroethane	21.9		µg/l		20.0		110	70-130	1.83	25
Tetrachloroethene	18.6		µg/l		20.0		93.0	70-130	4.21	25
Toluene	18.3		µg/l		20.0		91.5	70-130	4.80	25
1,2,3-Trichlorobenzene	22.5		µg/l		20.0		112	70-130	3.64	25
1,2,4-Trichlorobenzene	20.9		µg/l		20.0		104	70-130	1.90	25
1,1,1-Trichloroethane	16.7		µg/l		20.0		83.5	70-130	2.95	25
1,1,2-Trichloroethane	18.9		µg/l		20.0		94.5	70-130	0.528	25
Trichloroethene	18.0		µg/l		20.0		90.0	70-130	5.41	25
Trichlorofluoromethane (Freon 11)	16.0		µg/l		20.0		80.0	70-130	3.68	50
1,2,3-Trichloropropane	24.9		µg/l		20.0		124	70-130	0.810	25
1,2,4-Trimethylbenzene	18.5		µg/l		20.0		92.5	70-130	3.30	25
1,3,5-Trimethylbenzene	20.2		µg/l		20.0		101	70-130	0.985	25
Vinyl chloride	20.8		µg/l		20.0		104	70-130	8.29	25
m,p-Xylene	40.9		µg/l		40.0		102	70-130	5.71	25
o-Xylene	21.3		µg/l		20.0		106	70-130	1.87	25
Tetrahydrofuran	18.8		µg/l		20.0		94.0	70-130	0.531	25
Ethyl ether	18.5		µg/l		20.0		92.5	70-136	0.00	50
Tert-amyl methyl ether	18.2		µg/l		20.0		91.0	70-130	0.551	25
Ethyl tert-butyl ether	18.3		µg/l		20.0		91.5	70-130	0.545	25
Di-isopropyl ether	17.4		µg/l		20.0		87.0	70-130	0.573	25
Tert-Butanol / butyl alcohol	179		µg/l		200		89.5	70-130	7.54	25
1,4-Dioxane	236		µg/l		200		118	36.5-156	5.22	25
Surrogate: 4-Bromofluorobenzene	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.9*		µg/l		*50.0*		*93.8*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/l		*50.0*		*97.2*	*70-130*		
Matrix Spike (6080442-MS1)	**Source: SA48886-01**									
Prepared & Analyzed: 07-Aug-06										
Benzene	18.3		µg/l		20.0	BRL	91.5	70-130		30
Chlorobenzene	19.8		µg/l		20.0	BRL	99.0	70-130		30
1,1-Dichloroethene	17.7		µg/l		20.0	BRL	88.5	70-130		30
Toluene	17.9		µg/l		20.0	BRL	89.5	70-130		30
Trichloroethene	17.1		µg/l		20.0	BRL	85.5	70-130		30
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Surrogate: Dibromofluoromethane	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Matrix Spike Dup (6080442-MSD1)	**Source: SA48886-01**									
Prepared & Analyzed: 07-Aug-06										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080442 - SW846 5030 Water MS										
Matrix Spike Dup (6080442-MSD1) Source: SA48886-01										
Prepared & Analyzed: 07-Aug-06										
Benzene	18.1		µg/l		20.0	BRL	90.5	70-130	1.10	30
Chlorobenzene	20.2		µg/l		20.0	BRL	101	70-130	2.00	30
1,1-Dichloroethene	17.6		µg/l		20.0	BRL	88.0	70-130	0.567	30
Toluene	17.7		µg/l		20.0	BRL	88.5	70-130	1.12	30
Trichloroethene	17.3		µg/l		20.0	BRL	86.5	70-130	1.16	30
Surrogate: 4-Bromofluorobenzene	*48.6*		µg/l		*50.0*		*97.2*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.3*		µg/l		*50.0*		*96.6*	*70-130*		
Surrogate: Dibromofluoromethane	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Batch 6080444 - SW846 5030 Water MS										
Blank (6080444-BLK1)										
Prepared & Analyzed: 07-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080444 - SW846 5030 Water MS										
Blank (6080444-BLK1)										
Prepared & Analyzed: 07-Aug-06										
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*26.7*		µg/l		*30.0*		*89.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.9*		µg/l		*30.0*		*93.0*	*70-130*		
Surrogate: Dibromofluoromethane	*28.2*		µg/l		*30.0*		*94.0*	*70-130*		
LCS (6080444-BS1)										
Prepared & Analyzed: 07-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	14.4		µg/l		20.0		72.0	70-130		25
Acetone	17.2		µg/l		20.0		86.0	70-130		50
Acrylonitrile	16.4		µg/l		20.0		82.0	70-130		25
Benzene	19.2		µg/l		20.0		96.0	70-130		25
Bromobenzene	20.7		µg/l		20.0		104	70-130		25
Bromochloromethane	17.7		µg/l		20.0		88.5	70-130		25
Bromodichloromethane	20.0		µg/l		20.0		100	70-130		25
Bromoform	18.4		µg/l		20.0		92.0	70-130		25
Bromomethane	17.0		µg/l		20.0		85.0	70-130		50
2-Butanone (MEK)	15.6		µg/l		20.0		78.0	70-130		50
n-Butylbenzene	16.8		µg/l		20.0		84.0	70-130		25
sec-Butylbenzene	18.7		µg/l		20.0		93.5	70-130		25
tert-Butylbenzene	19.8		µg/l		20.0		99.0	70-130		25
Carbon disulfide	19.8		µg/l		20.0		99.0	70-130		25
Carbon tetrachloride	18.0		µg/l		20.0		90.0	70-130		25
Chlorobenzene	18.8		µg/l		20.0		94.0	70-130		25
Chloroethane	15.5		µg/l		20.0		77.5	70-130		50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080444 - SW846 5030 Water MS										
LCS (6080444-BS1)										
Prepared & Analyzed: 07-Aug-06										
Chloroform	16.3		µg/l		20.0		81.5	70-130		25
Chloromethane	17.0		µg/l		20.0		85.0	70-130		25
2-Chlorotoluene	17.6		µg/l		20.0		88.0	70-130		25
4-Chlorotoluene	19.3		µg/l		20.0		96.5	70-130		25
1,2-Dibromo-3-chloropropane	19.8		µg/l		20.0		99.0	70-130		25
Dibromochloromethane	19.8		µg/l		20.0		99.0	70-130		50
1,2-Dibromoethane (EDB)	19.2		µg/l		20.0		96.0	70-130		25
Dibromomethane	18.4		µg/l		20.0		92.0	70-130		25
1,2-Dichlorobenzene	19.9		µg/l		20.0		99.5	70-130		25
1,3-Dichlorobenzene	19.9		µg/l		20.0		99.5	70-130		25
1,4-Dichlorobenzene	19.5		µg/l		20.0		97.5	70-130		25
Dichlorodifluoromethane (Freon12)	20.2		µg/l		20.0		101	70-130		50
1,1-Dichloroethane	16.9		µg/l		20.0		84.5	70-130		25
1,2-Dichloroethane	16.8		µg/l		20.0		84.0	70-130		25
1,1-Dichloroethene	16.4		µg/l		20.0		82.0	70-130		25
cis-1,2-Dichloroethene	17.8		µg/l		20.0		89.0	70-130		25
trans-1,2-Dichloroethene	16.9		µg/l		20.0		84.5	70-130		25
1,2-Dichloropropane	16.7		µg/l		20.0		83.5	70-130		25
1,3-Dichloropropane	16.7		µg/l		20.0		83.5	70-130		25
2,2-Dichloropropane	16.0		µg/l		20.0		80.0	70-130		25
1,1-Dichloropropene	15.6		µg/l		20.0		78.0	70-130		25
cis-1,3-Dichloropropene	17.8		µg/l		20.0		89.0	70-130		25
trans-1,3-Dichloropropene	18.1		µg/l		20.0		90.5	70-130		25
Ethylbenzene	18.9		µg/l		20.0		94.5	70-130		25
Hexachlorobutadiene	21.0		µg/l		20.0		105	70-130		50
2-Hexanone (MBK)	17.1		µg/l		20.0		85.5	70-130		25
Isopropylbenzene	18.1		µg/l		20.0		90.5	70-130		25
4-Isopropyltoluene	19.3		µg/l		20.0		96.5	70-130		25
Methyl tert-butyl ether	17.9		µg/l		20.0		89.5	70-130		25
4-Methyl-2-pentanone (MIBK)	17.3		µg/l		20.0		86.5	70-130		50
Methylene chloride	15.9		µg/l		20.0		79.5	70-130		25
Naphthalene	21.5		µg/l		20.0		108	70-130		25
n-Propylbenzene	17.5		µg/l		20.0		87.5	70-130		25
Styrene	20.2		µg/l		20.0		101	70-130		25
1,1,1,2-Tetrachloroethane	21.6		µg/l		20.0		108	70-130		25
1,1,2,2-Tetrachloroethane	17.8		µg/l		20.0		89.0	70-130		25
Tetrachloroethene	18.2		µg/l		20.0		91.0	70-130		25
Toluene	16.5		µg/l		20.0		82.5	70-130		25
1,2,3-Trichlorobenzene	21.2		µg/l		20.0		106	70-130		25
1,2,4-Trichlorobenzene	20.0		µg/l		20.0		100	70-130		25
1,1,1-Trichloroethane	17.5		µg/l		20.0		87.5	70-130		25
1,1,2-Trichloroethane	17.0		µg/l		20.0		85.0	70-130		25
Trichloroethene	17.8		µg/l		20.0		89.0	70-130		25
Trichlorofluoromethane (Freon 11)	16.0		µg/l		20.0		80.0	70-130		50
1,2,3-Trichloropropane	20.3		µg/l		20.0		102	70-130		25
1,2,4-Trimethylbenzene	19.1		µg/l		20.0		95.5	70-130		25
1,3,5-Trimethylbenzene	19.5		µg/l		20.0		97.5	70-130		25
Vinyl chloride	18.9		µg/l		20.0		94.5	70-130		25
m,p-Xylene	38.5		µg/l		40.0		96.2	70-130		25
o-Xylene	19.6		µg/l		20.0		98.0	70-130		25
Tetrahydrofuran	15.6		µg/l		20.0		78.0	70-130		25
Ethyl ether	16.6		µg/l		20.0		83.0	70-136		50
tert-amyl methyl ether	17.9		µg/l		20.0		89.5	70-130		25
Ethyl tert-butyl ether	17.1		µg/l		20.0		85.5	70-130		25
Di-isopropyl ether	16.0		µg/l		20.0		80.0	70-130		25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080444 - SW846 5030 Water MS										
LCS (6080444-BS1)										
Prepared & Analyzed: 07-Aug-06										
Tert-Butanol / butyl alcohol	163		µg/l		200		81.5	70-130		25
1,4-Dioxane	174		µg/l		200		87.0	36.5-156		25
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*27.0*		µg/l		*30.0*		*90.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.0*		µg/l		*30.0*		*93.3*	*70-130*		
Surrogate: Dibromofluoromethane	*28.3*		µg/l		*30.0*		*94.3*	*70-130*		
LCS Dup (6080444-BSD1)										
Prepared & Analyzed: 07-Aug-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.9	QC-1	µg/l		20.0		69.5	70-130	3.53	25
Acetone	18.0		µg/l		20.0		90.0	70-130	4.55	50
Acrylonitrile	15.9		µg/l		20.0		79.5	70-130	3.10	25
Benzene	19.4		µg/l		20.0		97.0	70-130	1.04	25
Bromobenzene	20.9		µg/l		20.0		104	70-130	0.00	25
Bromochloromethane	17.9		µg/l		20.0		89.5	70-130	1.12	25
Bromodichloromethane	20.5		µg/l		20.0		102	70-130	1.98	25
Bromoform	18.5		µg/l		20.0		92.5	70-130	0.542	25
Bromomethane	17.0		µg/l		20.0		85.0	70-130	0.00	50
2-Butanone (MEK)	16.9		µg/l		20.0		84.5	70-130	8.00	50
n-Butylbenzene	17.0		µg/l		20.0		85.0	70-130	1.18	25
sec-Butylbenzene	19.0		µg/l		20.0		95.0	70-130	1.59	25
tert-Butylbenzene	20.1		µg/l		20.0		100	70-130	1.01	25
Carbon disulfide	19.4		µg/l		20.0		97.0	70-130	2.04	25
Carbon tetrachloride	18.7		µg/l		20.0		93.5	70-130	3.81	25
Chlorobenzene	19.1		µg/l		20.0		95.5	70-130	1.58	25
Chloroethane	15.2		µg/l		20.0		76.0	70-130	1.95	50
Chloroform	16.3		µg/l		20.0		81.5	70-130	0.00	25
Chloromethane	17.6		µg/l		20.0		88.0	70-130	3.47	25
2-Chlorotoluene	17.9		µg/l		20.0		89.5	70-130	1.69	25
4-Chlorotoluene	19.6		µg/l		20.0		98.0	70-130	1.54	25
1,2-Dibromo-3-chloropropane	19.7		µg/l		20.0		98.5	70-130	0.506	25
Dibromochloromethane	19.4		µg/l		20.0		97.0	70-130	2.04	50
1,2-Dibromoethane (EDB)	19.2		µg/l		20.0		96.0	70-130	0.00	25
Dibromomethane	18.2		µg/l		20.0		91.0	70-130	1.09	25
1,2-Dichlorobenzene	20.6		µg/l		20.0		103	70-130	3.46	25
1,3-Dichlorobenzene	20.2		µg/l		20.0		101	70-130	1.50	25
1,4-Dichlorobenzene	20.0		µg/l		20.0		100	70-130	2.53	25
Dichlorodifluoromethane (Freon12)	19.9		µg/l		20.0		99.5	70-130	1.50	50
1,1-Dichloroethane	16.6		µg/l		20.0		83.0	70-130	1.79	25
1,2-Dichloroethane	17.0		µg/l		20.0		85.0	70-130	1.18	25
1,1-Dichloroethene	15.8		µg/l		20.0		79.0	70-130	3.73	25
cis-1,2-Dichloroethene	17.8		µg/l		20.0		89.0	70-130	0.00	25
trans-1,2-Dichloroethene	16.1		µg/l		20.0		80.5	70-130	4.85	25
1,2-Dichloropropane	16.8		µg/l		20.0		84.0	70-130	0.597	25
1,3-Dichloropropane	17.1		µg/l		20.0		85.5	70-130	2.37	25
2,2-Dichloropropane	15.7		µg/l		20.0		78.5	70-130	1.89	25
1,1-Dichloropropene	15.6		µg/l		20.0		78.0	70-130	0.00	25
cis-1,3-Dichloropropene	17.7		µg/l		20.0		88.5	70-130	0.563	25
trans-1,3-Dichloropropene	18.2		µg/l		20.0		91.0	70-130	0.551	25
Ethylbenzene	19.1		µg/l		20.0		95.5	70-130	1.05	25
Hexachlorobutadiene	21.0		µg/l		20.0		105	70-130	0.00	50
2-Hexanone (MBK)	17.4		µg/l		20.0		87.0	70-130	1.74	25
Isopropylbenzene	18.5		µg/l		20.0		92.5	70-130	2.19	25
4-Isopropyltoluene	19.6		µg/l		20.0		98.0	70-130	1.54	25
Methyl tert-butyl ether	17.6		µg/l		20.0		88.0	70-130	1.69	25
4-Methyl-2-pentanone (MIBK)	17.0		µg/l		20.0		85.0	70-130	1.75	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080444 - SW846 5030 Water MS										
LCS Dup (6080444-BSD1)										
Prepared & Analyzed: 07-Aug-06										
Methylene chloride	15.9		µg/l		20.0		79.5	70-130	0.00	25
Naphthalene	21.4		µg/l		20.0		107	70-130	0.930	25
n-Propylbenzene	17.8		µg/l		20.0		89.0	70-130	1.70	25
Styrene	20.7		µg/l		20.0		104	70-130	2.93	25
1,1,1,2-Tetrachloroethane	21.7		µg/l		20.0		108	70-130	0.00	25
1,1,2,2-Tetrachloroethane	17.8		µg/l		20.0		89.0	70-130	0.00	25
Tetrachloroethene	18.1		µg/l		20.0		90.5	70-130	0.551	25
Toluene	16.6		µg/l		20.0		83.0	70-130	0.604	25
1,2,3-Trichlorobenzene	20.9		µg/l		20.0		104	70-130	1.90	25
1,2,4-Trichlorobenzene	20.3		µg/l		20.0		102	70-130	1.98	25
1,1,1-Trichloroethane	17.7		µg/l		20.0		88.5	70-130	1.14	25
1,1,2-Trichloroethane	17.5		µg/l		20.0		87.5	70-130	2.90	25
Trichloroethene	17.7		µg/l		20.0		88.5	70-130	0.563	25
Trichlorofluoromethane (Freon 11)	15.6		µg/l		20.0		78.0	70-130	2.53	50
1,2,3-Trichloropropane	20.3		µg/l		20.0		102	70-130	0.00	25
1,2,4-Trimethylbenzene	19.6		µg/l		20.0		98.0	70-130	2.58	25
1,3,5-Trimethylbenzene	20.0		µg/l		20.0		100	70-130	2.53	25
Vinyl chloride	19.1		µg/l		20.0		95.5	70-130	1.05	25
m,p-Xylene	39.3		µg/l		40.0		98.2	70-130	2.06	25
o-Xylene	20.0		µg/l		20.0		100	70-130	2.02	25
Tetrahydrofuran	14.8		µg/l		20.0		74.0	70-130	5.26	25
Ethyl ether	16.3		µg/l		20.0		81.5	70-136	1.82	50
Tert-amyl methyl ether	17.9		µg/l		20.0		89.5	70-130	0.00	25
Ethyl tert-butyl ether	16.8		µg/l		20.0		84.0	70-130	1.77	25
Di-isopropyl ether	16.2		µg/l		20.0		81.0	70-130	1.24	25
Tert-Butanol / butyl alcohol	157		µg/l		200		78.5	70-130	3.75	25
1,4-Dioxane	164		µg/l		200		82.0	36.5-156	5.92	25
Surrogate: 4-Bromofluorobenzene	*30.5*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*26.6*		µg/l		*30.0*		*88.7*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.2*		µg/l		*30.0*		*90.7*	*70-130*		
Surrogate: Dibromofluoromethane	*27.8*		µg/l		*30.0*		*92.7*	*70-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080131 - SW846 3005A										
Blank (6080131-BLK1)										
Prepared: 03-Aug-06 Analyzed: 05-Aug-06										
Selenium	BRL		mg/l	0.0150						
Nickel	BRL		mg/l	0.0050						
Zinc	BRL		mg/l	0.0508						
Lead	BRL		mg/l	0.0075						
Silver	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Copper	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
LCS (6080131-BS1)										
Prepared: 03-Aug-06 Analyzed: 05-Aug-06										
Lead	0.506		mg/l	0.0075	0.500		101	85-115		20
Selenium	0.510		mg/l	0.0150	0.500		102	85-115		20
Zinc	0.526		mg/l	0.0508	0.500		105	85-115		20
Nickel	0.511		mg/l	0.0050	0.500		102	85-115		20
Barium	0.546		mg/l	0.0050	0.500		109	85-115		20
Cadmium	0.533		mg/l	0.0025	0.500		107	85-115		20
Silver	0.464		mg/l	0.0050	0.500		92.8	85-115		20
Arsenic	0.500		mg/l	0.0040	0.500		100	85-115		20
Copper	0.541		mg/l	0.0050	0.500		108	85-115		20
Chromium	0.517		mg/l	0.0050	0.500		103	85-115		20
LCS Dup (6080131-BSD1)										
Prepared: 03-Aug-06 Analyzed: 05-Aug-06										
Selenium	0.477		mg/l	0.0150	0.500		95.4	85-115	6.69	20
Lead	0.475		mg/l	0.0075	0.500		95.0	85-115	6.32	20
Zinc	0.498		mg/l	0.0508	0.500		99.6	85-115	5.47	20
Nickel	0.481		mg/l	0.0050	0.500		96.2	85-115	6.05	20
Barium	0.524		mg/l	0.0050	0.500		105	85-115	4.11	20
Cadmium	0.500		mg/l	0.0025	0.500		100	85-115	6.39	20
Chromium	0.488		mg/l	0.0050	0.500		97.6	85-115	5.77	20
Copper	0.516		mg/l	0.0050	0.500		103	85-115	4.73	20
Arsenic	0.466		mg/l	0.0040	0.500		93.2	85-115	7.04	20
Silver	0.439		mg/l	0.0050	0.500		87.8	85-115	5.54	20
Duplicate (6080131-DUP1) **Source: SA48846-01**										
Prepared: 03-Aug-06 Analyzed: 05-Aug-06										
Zinc	BRL	QR-01	mg/l	0.0508		0.0066			23.7	20
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Nickel	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Cadmium	BRL		mg/l	0.0025		0.0002			0.00	20
Copper	BRL		mg/l	0.0050		BRL				20
Silver	BRL	QR-01	mg/l	0.0050		0.0014			54.5	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Barium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (6080131-MS1) **Source: SA48865-02**										
Prepared: 03-Aug-06 Analyzed: 05-Aug-06										
Selenium	0.480		mg/l	0.0150	0.500	BRL	96.0	75-125		20
Lead	0.454		mg/l	0.0075	0.500	BRL	90.8	75-125		20
Zinc	0.548		mg/l	0.0508	0.500	0.0506	99.5	75-125		20
Nickel	0.504		mg/l	0.0050	0.500	0.0269	95.4	75-125		20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080131 - SW846 3005A										
Matrix Spike (6080131-MS1) **Source: SA48865-02**										
Prepared: 03-Aug-06 Analyzed: 05-Aug-06										
Arsenic	0.480		mg/l	0.0040	0.500	BRL	96.0	75-125		20
Barium	0.535		mg/l	0.0050	0.500	0.0113	105	75-125		20
Cadmium	0.491		mg/l	0.0025	0.500	0.0010	98.0	75-125		20
Chromium	0.497		mg/l	0.0050	0.500	0.0086	97.7	75-125		20
Silver	0.466		mg/l	0.0050	0.500	0.0030	92.6	75-125		20
Copper	1.80		mg/l	0.0050	0.500	1.25	110	75-125		20
Matrix Spike Dup (6080131-MSD1) **Source: SA48865-02**										
Prepared: 03-Aug-06 Analyzed: 05-Aug-06										
Selenium	0.493		mg/l	0.0150	0.500	BRL	98.6	75-125	2.67	20
Zinc	0.563		mg/l	0.0508	0.500	0.0506	102	75-125	2.70	20
Lead	0.466		mg/l	0.0075	0.500	BRL	93.2	75-125	2.61	20
Nickel	0.519		mg/l	0.0050	0.500	0.0269	98.4	75-125	2.93	20
Arsenic	0.492		mg/l	0.0040	0.500	BRL	98.4	75-125	2.47	20
Copper	1.83		mg/l	0.0050	0.500	1.25	116	75-125	1.65	20
Chromium	0.502		mg/l	0.0050	0.500	0.0086	98.7	75-125	1.00	20
Barium	0.540		mg/l	0.0050	0.500	0.0113	106	75-125	0.930	20
Silver	0.473		mg/l	0.0050	0.500	0.0030	94.0	75-125	1.49	20
Cadmium	0.505		mg/l	0.0025	0.500	0.0010	101	75-125	2.81	20
Post Spike (6080131-PS1) **Source: SA48865-02**										
Prepared: 03-Aug-06 Analyzed: 05-Aug-06										
Lead	0.467		mg/l	0.0075	0.500	BRL	93.4	80-120		20
Nickel	0.520		mg/l	0.0050	0.500	0.0269	98.6	80-120		20
Selenium	0.495		mg/l	0.0150	0.500	BRL	99.0	80-120		20
Zinc	0.570		mg/l	0.0508	0.500	0.0506	104	80-120		20
Silver	0.494		mg/l	0.0050	0.500	0.0030	98.2	80-120		20
Arsenic	0.495		mg/l	0.0040	0.500	BRL	99.0	80-120		20
Barium	0.544		mg/l	0.0050	0.500	0.0113	107	80-120		20
Cadmium	0.506		mg/l	0.0025	0.500	0.0010	101	80-120		20
Chromium	0.512		mg/l	0.0050	0.500	0.0086	101	80-120		20
Copper	1.84		mg/l	0.0050	0.500	1.25	118	80-120		20

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080133 - EPA200/SW7000 Series										
Blank (6080133-BLK1)										
Prepared: 03-Aug-06 Analyzed: 04-Aug-06										
Mercury	BRL		mg/l	0.00020						
LCS (6080133-BS1)										
Prepared: 03-Aug-06 Analyzed: 04-Aug-06										
Mercury	0.00232		mg/l	0.00020	0.00250		92.8	80-120		20
Duplicate (6080133-DUP1) **Source: SA48846-01**										
Prepared: 03-Aug-06 Analyzed: 04-Aug-06										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (6080133-MS1) **Source: SA48865-02**										
Prepared: 03-Aug-06 Analyzed: 04-Aug-06										
Mercury	0.00237		mg/l	0.00020	0.00250	BRL	94.8	75-125		20
Matrix Spike Dup (6080133-MSD1) **Source: SA48865-02**										
Prepared: 03-Aug-06 Analyzed: 04-Aug-06										
Mercury	0.00237		mg/l	0.00020	0.00250	BRL	94.8	75-125	0.00	20
Post Spike (6080133-PS1) **Source: SA48865-02**										
Prepared: 03-Aug-06 Analyzed: 04-Aug-06										
Mercury	0.00232		mg/l	0.00020	0.00250	BRL	92.8	75-125		20

Notes and Definitions

FP	Field Preserved
QC-1	Analyte out of acceptance range.
QC-2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
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.
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

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

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. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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

SA48-5 mg

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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

WW# 6010678(AP)

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: Jaime Jarvis
Lovreiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Project Mgr.: Jamie Jarvis

Invoice To: LEA
100 Northwest Drive
Plainville, CT 06062
Attn: Jamie Jarvis
P.O. No.: RQN:

Project No.: 91MHC03.001
Site Name: Quarterly Groundwater Monitoring and Dev
Location: MacDermid, Waterbury State: CT
Sampler(s): Zick D'Amico, Keith Volkert, Jaime Jarvis

1=Na_2S2O_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

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other C

State specific reporting standards: CTRSR-SWPC, GA, Residents

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC's 8260B	RCRA8 + cu, ni, zn								QA Reporting Notes
SA48865-01	1174243	7/28/06	0950	G	GW	2,9	3					X									
02-	1174243uF	7/28/06	0950	G	GW	4,9				1			X								
03	1174249	7/28/06	1130	G	GW	2,9	3					X									
04	1174249uF	7/28/06	1130	G	GW	4,9				1			X								
05	1174246	7/28/06	1020	G	GW	2,9	3					X									
06-	1174246uF	7/28/06	1020	G	GW	4,9				1			X								
07	1174247	7/28/06	1105	G	GW	2,9	3					X									
08-	1174247flf	7/28/06	1105	G	GW	4,9				1			X								HOLD
09-	1174247uF	7/28/06	1105	G	GW	4,9				1			X								
~~10~~ 23	1174244uF	7/28/06	1030	G	GW	2,9	3					X									per client fax

☐ Fax results when available to ( )
☒ E-mail to jljarvis@lovreiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ C 1.9

Relinquished by:	Received by:	Date:	Time:
Jamie L. Jarvis	LEA Fridge	7/28/06	1600
LEA Fridge (LEA)	[signature]	7-31-06	1:30
[signature]	[signature]	7/31/06	16:16

Gun. #5

4 of 5

SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 2 of 3

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: Jamie Jarvis
Loureiro Engineering Association
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Jamie Jarvis

Invoice To: LEA
Loureiro Engineering Associates
100 Northwest Dr
Plainville CT 06062
P.O. No.: _____ RQN: _____

Project No.: 91MH603.001
Site Name: Quarterly Groundwater Monitoring and Dev
Location: MacDermid, Waterbury State: CT
Sampler(s): Rich D'Amico, Kieth Volkert, Jaime Ta

1=Na_2S2O_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

Containers: Analyses:

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other_____

State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC's 8260B	RCRA 8+cyanide							QA Reporting Notes
48865 - 10 -	1174244uF	7/28/06	1030	G	GW	4,9				1			X							
11	1174264	7/28/06	1105	G	GW	2,9	3					X								
12 -	1174264 flf	7/28/06	1105	G	GW	4,9				1			X							HOLD
13 -	1174264 uF	7/28/06	1105	G	GW	4,9				1			X							
14	1174263	7/28/06	1110	G	GW	2,9	1					X								
15	1174245	7/28/06	1220	G	GW	2,9	3					X								
15 -	1174245	7/28/06	1220	G	GW	4,9				1			X							HOLD
16 -	1174245 uF	7/28/06	1220	G	GW	4,9				1			X							
17	1174250	7/28/06	1355	G	GW	2,9	3					X								
18 -	1174250 uF	7/28/06	1355	G	GW	4,9				1			X							

☐ Fax results when available to (____) _____
☐ E-mail to jljarvis@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1.9

Relinquished by:	Received by:	Date:	Time:
Jamie L. Jarvis	LEA Fridge	7/28/06	1600
LEA Fridge (LEA)	[signature]	7-31-06	1 30
[signature]	[signature]	7/31/06	16:26

Gvn #5

48005

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

Special Handling:
- [x] 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: Jaime Jarvis
Loureiro Engineering Associates
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Jamie Jarvis

Invoice To: LEA
Loureiro Engineering Associates
100 Northwest Dr
Plainville CT 06062
P.O. No.: _____ RQN: _____

Project No.: 91MH603.001
Site Name: Quarterly Groundwater Monitoring and Re
Location: Northfield, Waterbury State: CT
Sampler(s): Rick D'Amico, Kirk Wolbert, Jaime Jarvis

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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Containers:	Analyses: VOCs 8260B	Analyses: EDB 8011 req. w/ 8260	QA Reporting Notes: (check if needed)
18805-19	1174249	7/28/06	1340	G	GW	4,9	3			~~1~~		X		
19-	1174249	7/28/06	1340	G	GW	4,9				1			X	HOLD
20-	1174249 DUP	7/28/06	1340	G	GW	4,9				1			X	
21	1174251	7/28/06	1340	G	GW	4,9	3					X		
21-	1174251	7/28/06	1340	G	GW	4,9				1			X	HOLD
22	1174251 DUP	7/28/06	1340	G	GW	4,9				1			X	
											20			

QA Reporting Notes:
- [ ] Provide MA DEP MCP CAM Report
- [ ] Provide CT DPH RCP Report

QA/QC Reporting Level
- [ ] Standard [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

- [ ] Fax results when available to (____) _____
- [x] E-mail to jljarvis@loureiro.com
EDD Format LEA

Condition upon receipt: [ ] Iced [ ] Ambient [x] C 1.9

Relinquished by:	Received by:	Date:	Time:
Jamie L. Jarvis	LEA Fridge	7/28/06	1600
LEA Fridge (Jeff)		7/31/06	130
		7-3-06	16:26

Gunt S 11 Almgren Drive • Agawam, Massachusetts 01001 • 41 -9018 • Fax 413-789-4076 • www.spectrum-analytical.com

Report Date:
27-Nov-06 10:57

☐ Final Report
☐ Re-Issued Report
☑ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Jamie Jarvis

Project: MacDermid - Waterbury, CT
Project 91MH603.002

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA53519-01	1187379	Ground Water	30-Oct-06 10:20	01-Nov-06 13:50
SA53519-02	1187379uf	Ground Water	30-Oct-06 10:20	01-Nov-06 13:50
SA53519-03	1187380	Ground Water	30-Oct-06 12:43	01-Nov-06 13:50
SA53519-04	1187380uf	Ground Water	30-Oct-06 12:43	01-Nov-06 13:50
SA53519-05	1187381	Ground Water	30-Oct-06 13:58	01-Nov-06 13:50
SA53519-06	1187381uf	Ground Water	30-Oct-06 13:58	01-Nov-06 13:50
SA53519-07	1187382	Ground Water	30-Oct-06 10:30	01-Nov-06 13:50
SA53519-08	1187382uf	Ground Water	30-Oct-06 10:30	01-Nov-06 13:50
SA53519-09	1187383	Ground Water	30-Oct-06 11:15	01-Nov-06 13:50
SA53519-10	1187383uf	Ground Water	30-Oct-06 11:15	01-Nov-06 13:50
SA53519-11	1187384	Ground Water	30-Oct-06 13:20	01-Nov-06 13:50
SA53519-12	1187384uf	Ground Water	30-Oct-06 13:20	01-Nov-06 13:50
SA53519-13	1187385	Ground Water	30-Oct-06 15:40	01-Nov-06 13:50
SA53519-14	1187385uf	Ground Water	30-Oct-06 15:40	01-Nov-06 13:50
SA53519-15	1187400	Ground Water	30-Oct-06 15:40	01-Nov-06 13:50
SA53519-16	1187400uf	Ground Water	30-Oct-06 15:40	01-Nov-06 13:50
SA53519-17	1187397	Ground Water	30-Oct-06 12:00	01-Nov-06 13:50
SA53519-18	1187397uf	Ground Water	30-Oct-06 12:00	01-Nov-06 13:50
SA53519-19	1187398	Ground Water	30-Oct-06 14:30	01-Nov-06 13:50
SA53519-20	1187398uf	Ground Water	30-Oct-06 14:30	01-Nov-06 13:50
SA53519-21	1187403	Ground Water	30-Oct-06 09:10	01-Nov-06 13:50
SA53519-22	1187401	Ground Water	30-Oct-06 15:25	01-Nov-06 13:50
SA53519-23	1187401uf	Ground Water	30-Oct-06 15:25	01-Nov-06 13:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 60 pages of analytical data plus Chain of Custody document(s).
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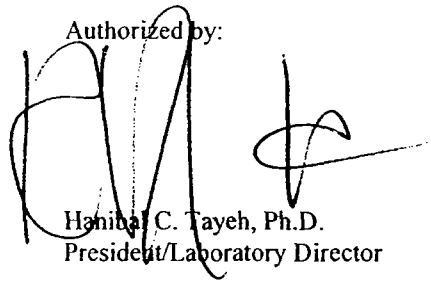
Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:



Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

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CT RCP CASE NARRATIVE:

The data set for work order SA53519 complies with internal QC criteria for the methods performed. The samples were received @ 7.1 degrees Celsius. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

Trans-1,4-Dichloro-2-butene for 8260, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for 8270 full, which are identified in the method specific analyte lists presented in the Reasonable Confidence Protocol (RCP) documents are not included in the analyte lists provided in this report. The following analytes identified in the CTDEP RCP method specific analyte list for Air Method TO-15 will not be included in this report: Acrylonitrile, n-Butylbenzene, sec-Butylbenzene, 1,3-Dichlorobenzene, Isopropylbenzene (Cumeme), 4-Isopropyltoluene and 1,1,1,2-Tetrachloroethane.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method 8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult. Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits. Please refer to "Notes and definitions" for all sample/analyte qualifiers. Qualifiers will narrate any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187379 SA53519-01	91MH603.002	Ground Water	30-Oct-06 10:20	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1187379 SA53519-01	91MH603.002	Ground Water	30-Oct-06 10:20	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*116*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187379uf SA53519-02	91MH603.002	Ground Water	30-Oct-06 10:20	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0290		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187380 SA53519-03	91MH603.002	Ground Water	30-Oct-06 12:43	01-Nov-06

Volatile Organic Compounds

Volatile Organic Compounds

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	10.2		µg/l	2.5	5	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
67-64-1	Acetone	BRL		µg/l	25.0	5	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	2.5	5	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	2.5	5	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	2.5	5	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	2.5	5	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	5.0	5	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	25.0	5	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	2.5	5	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	2.5	5	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	2.5	5	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	12.5	5	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	2.5	5	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	2.5	5	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
67-66-3	Chloroform	14.4		µg/l	2.5	5	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	5.0	5	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	2.5	5	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	2.5	5	"	"	"	"	"
[illegible]12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
[illegible]24-48-1	Dibromochloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	2.5	5	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	2.5	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	2.5		µg/l	2.5	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	2.5	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	2.5	5	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	5.0	5	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
107-06-2	1,2-Dichloroethane	8.1		µg/l	2.5	5	"	"	"	"	"
75-35-4	1,1-Dichloroethene	41.1		µg/l	2.5	5	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	2.5	5	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	2.5	5	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	2.5	5	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	2.5	5	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	2.5	5	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	2.5	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	2.5	5	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	25.0	5	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	2.5	5	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	2.5	5	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	2.5	5	"	"	"	"	"
[illegible]08-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	25.0	5	"	"	"	"	"
[illegible]9-2	Methylene chloride	BRL		µg/l	25.0	5	"	"	"	"	"
[illegible]91-20-3	Naphthalene	BRL		µg/l	2.5	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187380 SA53519-03	91MH603.002	Ground Water	30-Oct-06 12:43	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	2.5	5	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
100-42-5	Styrene	BRL		µg/l	2.5	5	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
127-18-4	Tetrachloroethene	154		µg/l	2.5	5	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	2.5	5	"	"	"	"	"
87 61-6	1,2,3-Trichlorobenzene	BRL		µg/l	2.5	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	2.5	5	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	34.4		µg/l	2.5	5	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
79-01-6	Trichloroethene	16.6		µg/l	2.5	5	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	2.5	5	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	2.5	5	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	2.5	5	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	2.5	5	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	2.5	5	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	5.0	5	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	2.5	5	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	25.0	5	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	2.5	5	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	2.5	5	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	2.5	5	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	2.5	5	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	25.0	5	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	50.0	5	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*118*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187380uf SA53519-04	91MH603.002	Ground Water	30-Oct-06 12:43	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0751		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.298		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.802		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187381 SA53519-05	91MH603.002	Ground Water	30-Oct-06 13:58	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187381 SA53519-05	91MH603.002	Ground Water	30-Oct-06 13:58	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*117*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187381uf SA53519-06	91MH603.002	Ground Water	30-Oct-06 13:58	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0222		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187382 SA53519-07	91MH603.002	Ground Water	30-Oct-06 10:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187382 SA53519-07	91MH603.002	Ground Water	30-Oct-06 10:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	5.4		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	8.5		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*115*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187382uf SA53519-08	91MH603.002	Ground Water	30-Oct-06 10:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0136		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0072	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187383 SA53519-09	91MH603.002	Ground Water	30-Oct-06 11:15	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
67-64-1	Acetone	39.0		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
4-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
3-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187383 SA53519-09	91MH603.002	Ground Water	30-Oct-06 11:15	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*115*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187383uf SA53519-10	91MH603.002	Ground Water	30-Oct-06 11:15	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0073	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0194		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187384	91MH603.002	Ground Water	30-Oct-06 13:20	01-Nov-06
SA53519-11				

Volatile Organic Compounds

Volatile Organic Compounds

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]24-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]9-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187384 SA53519-11	91MH603.002	Ground Water	30-Oct-06 13:20	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110505	EK
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*113*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187384uf SA53519-12	91MH603.002	Ground Water	30-Oct-06 13:20	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	0.0066		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0072		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.142		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	1.59		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187385 SA53519-13	91MH603.002	Ground Water	30-Oct-06 15:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	17-Nov-06	17-Nov-06	6111287	HB
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-34-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187385 SA53519-13	91MH603.002	Ground Water	30-Oct-06 15:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	4.2		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	3.6		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1.2		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	18-Nov-06	20-Nov-06	6111377	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0385		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.230		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.340		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0450	1	"	"	"	"	"
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	18-Nov-06	20-Nov-06	6111378	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187385uf SA53519-14	91MH603.002	Ground Water	30-Oct-06 15:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0433		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0074		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.286		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.362		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0797		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187400 SA53519-15	91MH603.002	Ground Water	30-Oct-06 15:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	17-Nov-06	17-Nov-06	6111287	HB
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187400 SA53519-15	91MH603.002	Ground Water	30-Oct-06 15:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	4.4		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	3.2		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1.2		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99.2*		*70-130 %*			"	"	"	"	"
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	18-Nov-06	20-Nov-06	6111377	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0400		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.249		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.352		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0450	1	"	"	"	"	"
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	18-Nov-06	20-Nov-06	6111378	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187400uf SA53519-16	91MH603.002	Ground Water	30-Oct-06 15:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0438		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0077	1	"	"	"	"	"
7440-50-8	Copper	0.284		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.358		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187397	91MH603.002	Ground Water	30-Oct-06 12:00	01-Nov-06
SA53519-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
24-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
3-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187397 SA53519-17	91MH603.002	Ground Water	30-Oct-06 12:00	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	1.0		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187397uf SA53519-18	91MH603.002	Ground Water	30-Oct-06 12:00	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
otal Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0240		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187398 SA53519-19	91MH603.002	Ground Water	30-Oct-06 14:30	01-Nov-06

Volatile Organic Compounds

Volatile Organic Compounds

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
)12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
.24-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.6		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
)-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187398 SA53519-19	91MH603.002	Ground Water	30-Oct-06 14:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	1.9		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99.0*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187398uf SA53519-20	91MH603.002	Ground Water	30-Oct-06 14:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0216		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187403 SA53519-21	91MH603.002	Ground Water	30-Oct-06 09:10	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110620	mar
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
24-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
08-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
9-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1187403 SA53519-21	91MH603.002	Ground Water	30-Oct-06 09:10	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110620	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.7*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99.7*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187401 SA53519-22	91MH603.002	Ground Water	30-Oct-06 15:25	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
4-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
9-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187401 SA53519-22	91MH603.002	Ground Water	30-Oct-06 15:25	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110619	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187401uf SA53519-23	91MH603.002	Ground Water	30-Oct-06 15:25	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	04-Nov-06	6110224	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110225	YP

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110505 - SW846 5030 Water MS										
Blank (6110505-BLK1)										
Prepared & Analyzed: 07-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110505 - SW846 5030 Water MS										
Blank (6110505-BLK1)										
Prepared & Analyzed: 07-Nov-06										
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*44.5*		µg/l		*50.0*		*89.0*	*70-130*		
Surrogate: Toluene-d8	*52.7*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.4*		µg/l		*50.0*		*117*	*70-130*		
Surrogate: Dibromofluoromethane	*59.7*		µg/l		*50.0*		*119*	*70-130*		
LCS (6110505-BS1)										
Prepared & Analyzed: 07-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.6		µg/l		20.0		103	70-130		
Acetone	15.9		µg/l		20.0		79.5	28.5-162		
Acrylonitrile	17.1		µg/l		20.0		85.5	70-130		
Benzene	18.6		µg/l		20.0		93.0	70-130		
Bromobenzene	23.4		µg/l		20.0		117	70-130		
Bromochloromethane	20.9		µg/l		20.0		104	70-130		
Bromodichloromethane	25.6		µg/l		20.0		128	70-130		
Bromoform	43.1	QC2	µg/l		20.0		216	70-130		
Bromomethane	20.6		µg/l		20.0		103	43.9-144		
2-Butanone (MEK)	16.6		µg/l		20.0		83.0	46.8-144		
n-Butylbenzene	17.6		µg/l		20.0		88.0	70-130		
sec-Butylbenzene	19.3		µg/l		20.0		96.5	70-130		
tert-Butylbenzene	21.1		µg/l		20.0		106	70-130		
Carbon disulfide	17.4		µg/l		20.0		87.0	70-130		
Carbon tetrachloride	29.2	QC2	µg/l		20.0		146	70-130		
Chlorobenzene	20.8		µg/l		20.0		104	70-130		
Chloroethane	16.8		µg/l		20.0		84.0	55.2-136		
Chloroform	19.2		µg/l		20.0		96.0	70-130		
Chloromethane	17.2		µg/l		20.0		86.0	70-130		
2-Chlorotoluene	19.6		µg/l		20.0		98.0	70-130		
4-Chlorotoluene	18.6		µg/l		20.0		93.0	70-130		
1,2-Dibromo-3-chloropropane	26.3	QC1	µg/l		20.0		132	70-130		
Dibromochloromethane	25.5		µg/l		20.0		128	67.9-128		
1,2-Dibromoethane (EDB)	22.6		µg/l		20.0		113	70-130		
Dibromomethane	24.6		µg/l		20.0		123	70-130		
1,2-Dichlorobenzene	21.0		µg/l		20.0		105	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110505 - SW846 5030 Water MS										
LCS (6110505-BS1)										
Prepared & Analyzed: 07-Nov-06										
1,3-Dichlorobenzene	23.9		µg/l		20.0		120	70-130		
1,4-Dichlorobenzene	18.7		µg/l		20.0		93.5	70-130		
Dichlorodifluoromethane (Freon12)	24.5		µg/l		20.0		122	40.8-172		
1,1-Dichloroethane	19.9		µg/l		20.0		99.5	70-130		
1,2-Dichloroethane	21.0		µg/l		20.0		105	70-130		
1,1-Dichloroethene	18.6		µg/l		20.0		93.0	70-130		
cis-1,2-Dichloroethene	19.5		µg/l		20.0		97.5	70-130		
trans-1,2-Dichloroethene	18.9		µg/l		20.0		94.5	70-130		
1,2-Dichloropropane	19.2		µg/l		20.0		96.0	70-130		
1,3-Dichloropropane	20.0		µg/l		20.0		100	70-130		
2,2-Dichloropropane	51.3	QC2	µg/l		20.0		256	70-130		
1,1-Dichloropropene	19.5		µg/l		20.0		97.5	70-130		
cis-1,3-Dichloropropene	22.3		µg/l		20.0		112	70-130		
trans-1,3-Dichloropropene	38.6	QC2	µg/l		20.0		193	70-130		
Ethylbenzene	19.0		µg/l		20.0		95.0	70-130		
Hexachlorobutadiene	22.0		µg/l		20.0		110	66.3-135		
2-Hexanone (MBK)	16.1		µg/l		20.0		80.5	70-130		
Isopropylbenzene	19.9		µg/l		20.0		99.5	70-130		
4-Isopropyltoluene	19.3		µg/l		20.0		96.5	70-130		
Methyl tert-butyl ether	23.4		µg/l		20.0		117	70-130		
4-Methyl-2-pentanone (MIBK)	17.6		µg/l		20.0		88.0	48.6-137		
Methylene chloride	17.5		µg/l		20.0		87.5	70-130		
Naphthalene	17.3		µg/l		20.0		86.5	70-130		
n-Propylbenzene	19.2		µg/l		20.0		96.0	70-130		
Styrene	20.7		µg/l		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	25.5		µg/l		20.0		128	70-130		
1,1,2,2-Tetrachloroethane	23.8		µg/l		20.0		119	70-130		
Tetrachloroethene	23.1		µg/l		20.0		116	70-130		
Toluene	18.6		µg/l		20.0		93.0	70-130		
1,2,3-Trichlorobenzene	21.0		µg/l		20.0		105	70-130		
1,2,4-Trichlorobenzene	18.8		µg/l		20.0		94.0	70-130		
1,1,1-Trichloroethane	24.7		µg/l		20.0		124	70-130		
1,1,2-Trichloroethane	21.4		µg/l		20.0		107	70-130		
Trichloroethene	20.5		µg/l		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	24.2		µg/l		20.0		121	57.3-141		
1,2,3-Trichloropropane	23.3		µg/l		20.0		116	70-130		
1,2,4-Trimethylbenzene	18.2		µg/l		20.0		91.0	70-130		
1,3,5-Trimethylbenzene	20.0		µg/l		20.0		100	70-130		
Vinyl chloride	20.2		µg/l		20.0		101	70-130		
m,p-Xylene	38.9		µg/l		40.0		97.2	70-130		
o-Xylene	21.4		µg/l		20.0		107	70-130		
Tetrahydrofuran	14.9		µg/l		20.0		74.5	70-130		
Ethyl ether	17.0		µg/l		20.0		85.0	61.2-127		
Tert-amyl methyl ether	14.3		µg/l		20.0		71.5	70-130		
Ethyl tert-butyl ether	25.6		µg/l		20.0		128	70-130		
Di-isopropyl ether	16.0		µg/l		20.0		80.0	70-130		
Tert-Butanol / butyl alcohol	147		µg/l		200		73.5	70-130		
1,4-Dioxane	142		µg/l		200		71.0	43.3-143		
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Surrogate: Toluene-d8	*51.7*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.3*		µg/l		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*55.6*		µg/l		*50.0*		*111*	*70-130*		
LCS Dup (6110505-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110505 - SW846 5030 Water MS										
Prepared & Analyzed: 07-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.9		µg/l		20.0		99.5	70-130	3.46	25
Acetone	15.6		µg/l		20.0		78.0	28.5-162	1.90	50
Acrylonitrile	16.7		µg/l		20.0		83.5	70-130	2.37	25
Benzene	17.2		µg/l		20.0		86.0	70-130	7.82	25
Bromobenzene	22.2		µg/l		20.0		111	70-130	5.26	25
Bromochloromethane	20.5		µg/l		20.0		102	70-130	1.94	25
Bromodichloromethane	24.9		µg/l		20.0		124	70-130	3.17	25
Bromoform	43.1	QC2	µg/l		20.0		216	70-130	0.00	25
Bromomethane	19.7		µg/l		20.0		98.5	43.9-144	4.47	50
2-Butanone (MEK)	16.1		µg/l		20.0		80.5	46.8-144	3.06	50
n-Butylbenzene	15.8		µg/l		20.0		79.0	70-130	10.8	25
sec-Butylbenzene	18.3		µg/l		20.0		91.5	70-130	5.32	25
tert-Butylbenzene	19.2		µg/l		20.0		96.0	70-130	9.90	25
Carbon disulfide	16.0		µg/l		20.0		80.0	70-130	8.38	25
Carbon tetrachloride	27.8	QC2	µg/l		20.0		139	70-130	4.91	25
Chlorobenzene	19.4		µg/l		20.0		97.0	70-130	6.97	25
Chloroethane	16.7		µg/l		20.0		83.5	55.2-136	0.597	50
Chloroform	18.7		µg/l		20.0		93.5	70-130	2.64	25
Chloromethane	16.6		µg/l		20.0		83.0	70-130	3.55	25
2-Chlorotoluene	19.0		µg/l		20.0		95.0	70-130	3.11	25
4-Chlorotoluene	17.1		µg/l		20.0		85.5	70-130	8.40	25
1,2-Dibromo-3-chloropropane	25.9		µg/l		20.0		130	70-130	1.53	25
Dibromochloromethane	24.5		µg/l		20.0		122	67.9-128	4.80	50
1,2-Dibromoethane (EDB)	21.3		µg/l		20.0		106	70-130	6.39	25
Dibromomethane	21.3		µg/l		20.0		106	70-130	14.8	25
1,2-Dichlorobenzene	19.2		µg/l		20.0		96.0	70-130	8.96	25
1,3-Dichlorobenzene	21.1		µg/l		20.0		106	70-130	12.4	25
1,4-Dichlorobenzene	17.8		µg/l		20.0		89.0	70-130	4.93	25
Dichlorodifluoromethane (Freon12)	22.6		µg/l		20.0		113	40.8-172	7.66	50
1,1-Dichloroethane	17.9		µg/l		20.0		89.5	70-130	10.6	25
1,2-Dichloroethane	20.6		µg/l		20.0		103	70-130	1.92	25
1,1-Dichloroethene	17.2		µg/l		20.0		86.0	70-130	7.82	25
cis-1,2-Dichloroethene	18.8		µg/l		20.0		94.0	70-130	3.66	25
trans-1,2-Dichloroethene	16.8		µg/l		20.0		84.0	70-130	11.8	25
1,2-Dichloropropane	17.4		µg/l		20.0		87.0	70-130	9.84	25
1,3-Dichloropropane	19.3		µg/l		20.0		96.5	70-130	3.56	25
2,2-Dichloropropane	46.8	QC2	µg/l		20.0		234	70-130	8.98	25
1,1-Dichloropropene	17.3		µg/l		20.0		86.5	70-130	12.0	25
cis-1,3-Dichloropropene	22.1		µg/l		20.0		110	70-130	1.80	25
trans-1,3-Dichloropropene	35.9	QC2	µg/l		20.0		180	70-130	6.97	25
Ethylbenzene	17.0		µg/l		20.0		85.0	70-130	11.1	25
Hexachlorobutadiene	20.8		µg/l		20.0		104	66.3-135	5.61	50
2-Hexanone (MBK)	16.0		µg/l		20.0		80.0	70-130	0.623	25
Isopropylbenzene	18.4		µg/l		20.0		92.0	70-130	7.83	25
4-Isopropyltoluene	18.0		µg/l		20.0		90.0	70-130	6.97	25
Methyl tert-butyl ether	23.6		µg/l		20.0		118	70-130	0.851	25
4-Methyl-2-pentanone (MIBK)	17.8		µg/l		20.0		89.0	48.6-137	1.13	50
Methylene chloride	16.5		µg/l		20.0		82.5	70-130	5.88	25
Naphthalene	17.1		µg/l		20.0		85.5	70-130	1.16	25
n-Propylbenzene	17.6		µg/l		20.0		88.0	70-130	8.70	25
Styrene	19.3		µg/l		20.0		96.5	70-130	7.48	25
1,1,1,2-Tetrachloroethane	24.9		µg/l		20.0		124	70-130	3.17	25
1,1,2,2-Tetrachloroethane	22.2		µg/l		20.0		111	70-130	6.96	25
Tetrachloroethene	21.4		µg/l		20.0		107	70-130	8.07	25
Toluene	17.2		µg/l		20.0		86.0	70-130	7.82	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110505 - SW846 5030 Water MS										
LCS Dup (6110505-BSD1)										
Prepared & Analyzed: 07-Nov-06										
1,2,3-Trichlorobenzene	19.8		µg/l		20.0		99.0	70-130	5.88	25
1,2,4-Trichlorobenzene	18.6		µg/l		20.0		93.0	70-130	1.07	25
1,1,1-Trichloroethane	24.2		µg/l		20.0		121	70-130	2.45	25
1,1,2-Trichloroethane	20.9		µg/l		20.0		104	70-130	2.84	25
Trichloroethene	18.6		µg/l		20.0		93.0	70-130	9.23	25
Trichlorofluoromethane (Freon 11)	21.1		µg/l		20.0		106	57.3-141	13.2	50
1,2,3-Trichloropropane	24.0		µg/l		20.0		120	70-130	3.39	25
1,2,4-Trimethylbenzene	17.4		µg/l		20.0		87.0	70-130	4.49	25
1,3,5-Trimethylbenzene	18.1		µg/l		20.0		90.5	70-130	9.97	25
Vinyl chloride	17.7		µg/l		20.0		88.5	70-130	13.2	25
m,p-Xylene	38.0		µg/l		40.0		95.0	70-130	2.29	25
o-Xylene	19.8		µg/l		20.0		99.0	70-130	7.77	25
Tetrahydrofuran	15.4		µg/l		20.0		77.0	70-130	3.30	25
Ethyl ether	16.9		µg/l		20.0		84.5	61.2-127	0.590	50
Tert-amyl methyl ether	13.6	QC1	µg/l		20.0		68.0	70-130	5.02	25
Ethyl tert-butyl ether	25.7		µg/l		20.0		128	70-130	0.00	25
Di-isopropyl ether	15.1		µg/l		20.0		75.5	70-130	5.79	25
Tert-Butanol / butyl alcohol	168		µg/l		200		84.0	70-130	13.3	25
1,4-Dioxane	182		µg/l		200		91.0	43.3-143	24.7	25
Surrogate: 4-Bromofluorobenzene	*48.6*		µg/l		*50.0*		*97.2*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.0*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*55.4*		µg/l		*50.0*		*111*	*70-130*		
Matrix Spike (6110505-MS1) **Source: SA53247-03**										
Prepared & Analyzed: 07-Nov-06										
Benzene	17.6		µg/l		20.0	BRL	88.0	70-130		
Chlorobenzene	20.4		µg/l		20.0	BRL	102	70-130		
1,1-Dichloroethene	21.0		µg/l		20.0	BRL	105	70-130		
Toluene	18.4		µg/l		20.0	BRL	92.0	70-130		
Trichloroethene	29.6		µg/l		20.0	10.7	94.5	70-130		
Surrogate: 4-Bromofluorobenzene	*44.0*		µg/l		*50.0*		*88.0*	*70-130*		
Surrogate: Toluene-d8	*53.1*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.2*		µg/l		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*59.1*		µg/l		*50.0*		*118*	*70-130*		
Matrix Spike Dup (6110505-MSD1) **Source: SA53247-03**										
Prepared & Analyzed: 07-Nov-06										
Benzene	17.1		µg/l		20.0	BRL	85.5	70-130	2.88	30
Chlorobenzene	21.3		µg/l		20.0	BRL	106	70-130	3.85	30
1,1-Dichloroethene	19.9		µg/l		20.0	BRL	99.5	70-130	5.38	30
Toluene	18.0		µg/l		20.0	BRL	90.0	70-130	2.20	30
Trichloroethene	27.8		µg/l		20.0	10.7	85.5	70-130	10.0	30
Surrogate: 4-Bromofluorobenzene	*43.4*		µg/l		*50.0*		*86.8*	*70-130*		
Surrogate: Toluene-d8	*52.2*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.8*		µg/l		*50.0*		*114*	*70-130*		
Surrogate: Dibromofluoromethane	*56.0*		µg/l		*50.0*		*112*	*70-130*		
Batch 6110619 - SW846 5030 Water MS										
Blank (6110619-BLK1)										
Prepared & Analyzed: 08-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110619 - SW846 5030 Water MS										
Blank (6110619-BLK1)										
Prepared & Analyzed: 08-Nov-06										
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110619 - SW846 5030 Water MS										
Blank (6110619-BLK1)										
Prepared & Analyzed: 08-Nov-06										
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/l		*50.0*		*99.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*50.1*		µg/l		*50.0*		*100*	*70-130*		
LCS (6110619-BS1)										
Prepared & Analyzed: 08-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.8		µg/l		20.0		114	70-130		
Acetone	19.8		µg/l		20.0		99.0	2.17-194		
Acrylonitrile	21.3		µg/l		20.0		106	70-130		
Benzene	21.3		µg/l		20.0		106	70-130		
Bromobenzene	21.9		µg/l		20.0		110	70-130		
Bromochloromethane	20.0		µg/l		20.0		100	70-130		
Bromodichloromethane	20.3		µg/l		20.0		102	70-130		
Bromoform	20.9		µg/l		20.0		104	70-130		
Bromomethane	18.8		µg/l		20.0		94.0	61.9-145		
2-Butanone (MEK)	21.2		µg/l		20.0		106	14.9-165		
n-Butylbenzene	24.1		µg/l		20.0		120	70-130		
sec-Butylbenzene	22.9		µg/l		20.0		114	70-130		
tert-Butylbenzene	23.0		µg/l		20.0		115	70-130		
Carbon disulfide	20.4		µg/l		20.0		102	70-130		
Carbon tetrachloride	19.9		µg/l		20.0		99.5	70-130		
Chlorobenzene	21.9		µg/l		20.0		110	70-130		
Chloroethane	19.7		µg/l		20.0		98.5	64.4-134		
Chloroform	21.0		µg/l		20.0		105	70-130		
Chloromethane	18.9		µg/l		20.0		94.5	70-130		
2-Chlorotoluene	22.5		µg/l		20.0		112	70-130		
4-Chlorotoluene	22.9		µg/l		20.0		114	70-130		
1,2-Dibromo-3-chloropropane	21.9		µg/l		20.0		110	70-130		
Dibromochloromethane	20.4		µg/l		20.0		102	45.3-146		
1,2-Dibromoethane (EDB)	20.8		µg/l		20.0		104	70-130		
Dibromomethane	20.1		µg/l		20.0		100	70-130		
1,2-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,3-Dichlorobenzene	22.3		µg/l		20.0		112	70-130		
4-Dichlorobenzene	21.6		µg/l		20.0		108	70-130		
chlorodifluoromethane (Freon12)	17.1		µg/l		20.0		85.5	49.6-201		
1,1-Dichloroethane	21.2		µg/l		20.0		106	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110619 - SW846 5030 Water MS										
LCS (6110619-BS1)										
Prepared & Analyzed: 08-Nov-06										
1,2-Dichloroethane	21.4		µg/l		20.0		107	70-130		
1,1-Dichloroethene	20.5		µg/l		20.0		102	70-130		
cis-1,2-Dichloroethene	21.6		µg/l		20.0		108	70-130		
trans-1,2-Dichloroethene	21.5		µg/l		20.0		108	70-130		
1,2-Dichloropropane	21.3		µg/l		20.0		106	70-130		
1,3-Dichloropropane	21.6		µg/l		20.0		108	70-130		
2,2-Dichloropropane	28.7	QC2	µg/l		20.0		144	70-130		
1,1-Dichloropropene	20.8		µg/l		20.0		104	70-130		
cis-1,3-Dichloropropene	22.6		µg/l		20.0		113	70-130		
trans-1,3-Dichloropropene	22.1		µg/l		20.0		110	70-130		
Ethylbenzene	23.2		µg/l		20.0		116	70-130		
Hexachlorobutadiene	26.6		µg/l		20.0		133	68.6-137		
2-Hexanone (MBK)	21.0		µg/l		20.0		105	70-130		
Isopropylbenzene	22.3		µg/l		20.0		112	70-130		
4-Isopropyltoluene	24.1		µg/l		20.0		120	70-130		
Methyl tert-butyl ether	21.5		µg/l		20.0		108	70-130		
4-Methyl-2-pentanone (MIBK)	21.7		µg/l		20.0		108	48.6-137		
Methylene chloride	19.9		µg/l		20.0		99.5	70-130		
Naphthalene	23.7		µg/l		20.0		118	70-130		
n-Propylbenzene	22.5		µg/l		20.0		112	70-130		
Styrene	22.5		µg/l		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	21.3		µg/l		20.0		106	70-130		
1,1,2,2-Tetrachloroethane	24.2		µg/l		20.0		121	70-130		
Tetrachloroethene	20.3		µg/l		20.0		102	70-130		
Toluene	21.6		µg/l		20.0		108	70-130		
1,2,3-Trichlorobenzene	25.4		µg/l		20.0		127	70-130		
1,2,4-Trichlorobenzene	23.8		µg/l		20.0		119	70-130		
1,1,1-Trichloroethane	20.8		µg/l		20.0		104	70-130		
1,1,2-Trichloroethane	21.5		µg/l		20.0		108	70-130		
Trichloroethene	21.0		µg/l		20.0		105	70-130		
Trichlorofluoromethane (Freon 11)	20.4		µg/l		20.0		102	67.9-143		
1,2,3-Trichloropropane	24.8		µg/l		20.0		124	70-130		
1,2,4-Trimethylbenzene	23.3		µg/l		20.0		116	70-130		
1,3,5-Trimethylbenzene	23.5		µg/l		20.0		118	70-130		
Vinyl chloride	19.2		µg/l		20.0		96.0	70-130		
m,p-Xylene	45.8		µg/l		40.0		114	70-130		
o-Xylene	22.6		µg/l		20.0		113	70-130		
Tetrahydrofuran	20.7		µg/l		20.0		104	70-130		
Ethyl ether	18.6		µg/l		20.0		93.0	70-136		
Tert-amyl methyl ether	20.2		µg/l		20.0		101	70-130		
Ethyl tert-butyl ether	22.1		µg/l		20.0		110	70-130		
Di-isopropyl ether	21.2		µg/l		20.0		106	70-130		
Tert-Butanol / butyl alcohol	234		µg/l		200		117	70-130		
1,4-Dioxane	187		µg/l		200		93.5	36.5-156		
Surrogate: 4-Bromofluorobenzene	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*50.3*		µg/l		*50.0*		*101*	*70-130*		
LCS Dup (6110619-BSD1)										
Prepared & Analyzed: 08-Nov-06										
1,2-Trichlorotrifluoroethane (Freon 113)	24.5		µg/l		20.0		122	70-130	6.78	25
Acetone	19.0		µg/l		20.0		95.0	2.17-194	4.12	50
Acrylonitrile	19.6		µg/l		20.0		98.0	70-130	7.84	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110619 - SW846 5030 Water MS										
LCS Dup (6110619-BSD1)										
Prepared & Analyzed: 08-Nov-06										
Benzene	22.6		µg/l		20.0		113	70-130	6.39	25
Bromobenzene	22.7		µg/l		20.0		114	70-130	3.57	25
Bromochloromethane	20.1		µg/l		20.0		100	70-130	0.00	25
Bromodichloromethane	20.9		µg/l		20.0		104	70-130	1.94	25
Bromoform	20.9		µg/l		20.0		104	70-130	0.00	25
Bromomethane	20.0		µg/l		20.0		100	61.9-145	6.19	50
2-Butanone (MEK)	19.3		µg/l		20.0		96.5	14.9-165	9.38	50
n-Butylbenzene	25.2		µg/l		20.0		126	70-130	4.88	25
sec-Butylbenzene	23.4		µg/l		20.0		117	70-130	2.60	25
tert-Butylbenzene	24.0		µg/l		20.0		120	70-130	4.26	25
Carbon disulfide	23.2		µg/l		20.0		116	70-130	12.8	25
Carbon tetrachloride	21.7		µg/l		20.0		108	70-130	8.19	25
Chlorobenzene	22.7		µg/l		20.0		114	70-130	3.57	25
Chloroethane	20.7		µg/l		20.0		104	64.4-134	5.43	50
Chloroform	21.5		µg/l		20.0		108	70-130	2.82	25
Chloromethane	20.2		µg/l		20.0		101	70-130	6.65	25
2-Chlorotoluene	22.4		µg/l		20.0		112	70-130	0.00	25
4-Chlorotoluene	23.3		µg/l		20.0		116	70-130	1.74	25
1,2-Dibromo-3-chloropropane	20.8		µg/l		20.0		104	70-130	5.61	25
Dibromochloromethane	20.6		µg/l		20.0		103	45.3-146	0.976	50
1,2-Dibromoethane (EDB)	20.6		µg/l		20.0		103	70-130	0.966	25
Dibromomethane	20.7		µg/l		20.0		104	70-130	3.92	25
1,2-Dichlorobenzene	22.2		µg/l		20.0		111	70-130	3.67	25
1,3-Dichlorobenzene	22.9		µg/l		20.0		114	70-130	1.77	25
1,4-Dichlorobenzene	22.6		µg/l		20.0		113	70-130	4.52	25
Dichlorodifluoromethane (Freon12)	17.5		µg/l		20.0		87.5	49.6-201	2.31	50
1,1-Dichloroethane	22.3		µg/l		20.0		112	70-130	5.50	25
1,2-Dichloroethane	21.4		µg/l		20.0		107	70-130	0.00	25
1,1-Dichloroethene	22.0		µg/l		20.0		110	70-130	7.55	25
cis-1,2-Dichloroethene	22.4		µg/l		20.0		112	70-130	3.64	25
trans-1,2-Dichloroethene	22.5		µg/l		20.0		112	70-130	3.64	25
1,2-Dichloropropane	21.8		µg/l		20.0		109	70-130	2.79	25
1,3-Dichloropropane	21.2		µg/l		20.0		106	70-130	1.87	25
2,2-Dichloropropane	30.7	QC2	µg/l		20.0		154	70-130	6.71	25
1,1-Dichloropropene	22.4		µg/l		20.0		112	70-130	7.41	25
cis-1,3-Dichloropropene	23.0		µg/l		20.0		115	70-130	1.75	25
trans-1,3-Dichloropropene	22.9		µg/l		20.0		114	70-130	3.57	25
Ethylbenzene	24.5		µg/l		20.0		122	70-130	5.04	25
Hexachlorobutadiene	26.9		µg/l		20.0		134	68.6-137	0.749	50
2-Hexanone (MBK)	19.6		µg/l		20.0		98.0	70-130	6.90	25
Isopropylbenzene	23.5		µg/l		20.0		118	70-130	5.22	25
4-Isopropyltoluene	24.9		µg/l		20.0		124	70-130	3.28	25
Methyl tert-butyl ether	21.0		µg/l		20.0		105	70-130	2.82	25
4-Methyl-2-pentanone (MIBK)	20.7		µg/l		20.0		104	48.6-137	3.77	50
Methylene chloride	20.2		µg/l		20.0		101	70-130	1.50	25
Naphthalene	24.9		µg/l		20.0		124	70-130	4.96	25
n-Propylbenzene	23.4		µg/l		20.0		117	70-130	4.37	25
Styrene	23.0		µg/l		20.0		115	70-130	2.64	25
1,1,1,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130	3.70	25
1,1,2,2-Tetrachloroethane	22.9		µg/l		20.0		114	70-130	5.96	25
Tetrachloroethene	22.5		µg/l		20.0		112	70-130	9.35	25
Toluene	22.3		µg/l		20.0		112	70-130	3.64	25
1,2,3-Trichlorobenzene	25.8		µg/l		20.0		129	70-130	1.56	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110619 - SW846 5030 Water MS										
LCS Dup (6110619-BSD1)										
Prepared & Analyzed: 08-Nov-06										
1,2,4-Trichlorobenzene	24.7		µg/l		20.0		124	70-130	4.12	25
1,1,1-Trichloroethane	21.7		µg/l		20.0		108	70-130	3.77	25
1,1,2-Trichloroethane	21.3		µg/l		20.0		106	70-130	1.87	25
Trichloroethene	22.1		µg/l		20.0		110	70-130	4.65	25
Trichlorofluoromethane (Freon 11)	21.7		µg/l		20.0		108	67.9-143	5.71	50
1,2,3-Trichloropropane	23.3		µg/l		20.0		116	70-130	6.67	25
1,2,4-Trimethylbenzene	23.8		µg/l		20.0		119	70-130	2.55	25
1,3,5-Trimethylbenzene	24.3		µg/l		20.0		122	70-130	3.33	25
Vinyl chloride	20.3		µg/l		20.0		102	70-130	6.06	25
m,p-Xylene	48.0		µg/l		40.0		120	70-130	5.13	25
o-Xylene	23.4		µg/l		20.0		117	70-130	3.48	25
Tetrahydrofuran	19.4		µg/l		20.0		97.0	70-130	6.97	25
Ethyl ether	18.7		µg/l		20.0		93.5	70-136	0.536	50
Tert-amyl methyl ether	20.3		µg/l		20.0		102	70-130	0.985	25
Ethyl tert-butyl ether	22.0		µg/l		20.0		110	70-130	0.00	25
Di-isopropyl ether	21.4		µg/l		20.0		107	70-130	0.939	25
Tert-Butanol / butyl alcohol	217		µg/l		200		108	70-130	8.00	25
1,4-Dioxane	203		µg/l		200		102	36.5-156	8.70	25
Surrogate: 4-Bromofluorobenzene	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Matrix Spike (6110619-MS1) **Source: SA53684-01**										
Prepared & Analyzed: 08-Nov-06										
Benzene	26.2	QM7	µg/l		20.0	BRL	131	70-130		
Chlorobenzene	29.4	QM7	µg/l		20.0	BRL	147	70-130		
1,1-Dichloroethene	19.3		µg/l		20.0	BRL	96.5	70-130		
Toluene	27.0	QM7	µg/l		20.0	BRL	135	70-130		
Trichloroethene	25.1		µg/l		20.0	BRL	126	70-130		
Surrogate: 4-Bromofluorobenzene	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Matrix Spike Dup (6110619-MSD1) **Source: SA53684-01**										
Prepared & Analyzed: 08-Nov-06										
Benzene	26.0		µg/l		20.0	BRL	130	70-130	0.766	30
Chlorobenzene	29.5	QM7	µg/l		20.0	BRL	148	70-130	0.678	30
1,1-Dichloroethene	18.8		µg/l		20.0	BRL	94.0	70-130	2.62	30
Toluene	27.0	QM7	µg/l		20.0	BRL	135	70-130	0.00	30
Trichloroethene	25.0		µg/l		20.0	BRL	125	70-130	0.797	30
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Batch 6110620 - SW846 5030 Water MS										
Blank (6110620-BLK1)										
Prepared & Analyzed: 08-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
Blank (6110620-BLK1)										
Prepared & Analyzed: 08-Nov-06										
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
Blank (6110620-BLK1)										
Prepared & Analyzed: 08-Nov-06										
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/l		*30.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*30.1*		µg/l		*30.0*		*100*	*70-130*		
LCS (6110620-BS1)										
Prepared & Analyzed: 08-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.4		µg/l		20.0		107	70-130		
Acetone	19.6		µg/l		20.0		98.0	28.5-162		
Acrylonitrile	22.6		µg/l		20.0		113	70-130		
Benzene	22.1		µg/l		20.0		110	70-130		
Bromobenzene	24.3		µg/l		20.0		122	70-130		
Bromochloromethane	22.5		µg/l		20.0		112	70-130		
Bromodichloromethane	22.4		µg/l		20.0		112	70-130		
Bromoform	22.4		µg/l		20.0		112	70-130		
Bromomethane	20.9		µg/l		20.0		104	43.9-144		
2-Butanone (MEK)	21.7		µg/l		20.0		108	46.8-144		
n-Butylbenzene	16.5		µg/l		20.0		82.5	70-130		
sec-Butylbenzene	22.6		µg/l		20.0		113	70-130		
tert-Butylbenzene	23.6		µg/l		20.0		118	70-130		
Carbon disulfide	19.7		µg/l		20.0		98.5	70-130		
Carbon tetrachloride	24.3		µg/l		20.0		122	70-130		
Chlorobenzene	23.4		µg/l		20.0		117	70-130		
Chloroethane	18.5		µg/l		20.0		92.5	55.2-136		
Chloroform	22.6		µg/l		20.0		113	70-130		
Chloromethane	18.3		µg/l		20.0		91.5	70-130		
2-Chlorotoluene	24.3		µg/l		20.0		122	70-130		
4-Chlorotoluene	23.5		µg/l		20.0		118	70-130		
1,2-Dibromo-3-chloropropane	17.1		µg/l		20.0		85.5	70-130		
Dibromochloromethane	22.2		µg/l		20.0		111	67.9-128		
1,2-Dibromoethane (EDB)	22.6		µg/l		20.0		113	70-130		
Dibromomethane	22.5		µg/l		20.0		112	70-130		
1,2-Dichlorobenzene	23.2		µg/l		20.0		116	70-130		
1,3-Dichlorobenzene	25.2		µg/l		20.0		126	70-130		
1,4-Dichlorobenzene	22.2		µg/l		20.0		111	70-130		
Dichlorodifluoromethane (Freon12)	17.4		µg/l		20.0		87.0	40.8-172		
1,1-Dichloroethane	21.9		µg/l		20.0		110	70-130		
1,2-Dichloroethane	21.6		µg/l		20.0		108	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
LCS (6110620-BS1)										
Prepared & Analyzed: 08-Nov-06										
1,1-Dichloroethene	20.7		µg/l		20.0		104	70-130		
cis-1,2-Dichloroethene	22.4		µg/l		20.0		112	70-130		
trans-1,2-Dichloroethene	21.2		µg/l		20.0		106	70-130		
1,2-Dichloropropane	20.9		µg/l		20.0		104	70-130		
1,3-Dichloropropane	22.2		µg/l		20.0		111	70-130		
2,2-Dichloropropane	19.2		µg/l		20.0		96.0	70-130		
1,1-Dichloropropene	21.1		µg/l		20.0		106	70-130		
cis-1,3-Dichloropropene	20.4		µg/l		20.0		102	70-130		
trans-1,3-Dichloropropene	20.6		µg/l		20.0		103	70-130		
Ethylbenzene	24.5		µg/l		20.0		122	70-130		
Hexachlorobutadiene	23.0		µg/l		20.0		115	66.3-135		
2-Hexanone (MBK)	18.8		µg/l		20.0		94.0	70-130		
Isopropylbenzene	24.1		µg/l		20.0		120	70-130		
4-Isopropyltoluene	22.6		µg/l		20.0		113	70-130		
Methyl tert-butyl ether	18.6		µg/l		20.0		93.0	70-130		
4-Methyl-2-pentanone (MIBK)	20.0		µg/l		20.0		100	48.6-137		
Methylene chloride	20.1		µg/l		20.0		100	70-130		
Naphthalene	23.6		µg/l		20.0		118	70-130		
n-Propylbenzene	17.7		µg/l		20.0		88.5	70-130		
Styrene	24.8		µg/l		20.0		124	70-130		
1,1,1,2-Tetrachloroethane	24.8		µg/l		20.0		124	70-130		
1,1,2,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130		
Tetrachloroethene	22.3		µg/l		20.0		112	70-130		
Toluene	22.1		µg/l		20.0		110	70-130		
1,2,3-Trichlorobenzene	23.8		µg/l		20.0		119	70-130		
1,2,4-Trichlorobenzene	22.8		µg/l		20.0		114	70-130		
1,1,1-Trichloroethane	21.6		µg/l		20.0		108	70-130		
1,1,2-Trichloroethane	22.9		µg/l		20.0		114	70-130		
Trichloroethene	23.6		µg/l		20.0		118	70-130		
Trichlorofluoromethane (Freon 11)	22.5		µg/l		20.0		112	57.3-141		
1,2,3-Trichloropropane	25.2		µg/l		20.0		126	70-130		
1,2,4-Trimethylbenzene	24.6		µg/l		20.0		123	70-130		
1,3,5-Trimethylbenzene	24.3		µg/l		20.0		122	70-130		
Vinyl chloride	22.8		µg/l		20.0		114	70-130		
m,p-Xylene	52.0		µg/l		40.0		130	70-130		
o-Xylene	25.2		µg/l		20.0		126	70-130		
Tetrahydrofuran	19.9		µg/l		20.0		99.5	70-130		
Ethyl ether	19.7		µg/l		20.0		98.5	61.2-127		
Tert-amyl methyl ether	24.4		µg/l		20.0		122	70-130		
Ethyl tert-butyl ether	16.5		µg/l		20.0		82.5	70-130		
Di-isopropyl ether	19.6		µg/l		20.0		98.0	70-130		
Tert-Butanol / butyl alcohol	177		µg/l		200		88.5	70-130		
1,4-Dioxane	180		µg/l		200		90.0	43.3-143		
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/l		*30.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*29.5*		µg/l		*30.0*		*98.3*	*70-130*		
LCS Dup (6110620-BSD1)										
Prepared & Analyzed: 08-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/l		20.0		97.0	70-130	9.80	25
Acetone	19.8		µg/l		20.0		99.0	28.5-162	1.02	50
Acrylonitrile	22.5		µg/l		20.0		112	70-130	0.889	25
Benzene	20.9		µg/l		20.0		104	70-130	5.61	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
LCS Dup (6110620-BSD1)										
Prepared & Analyzed: 08-Nov-06										
Bromobenzene	23.1		µg/l		20.0		116	70-130	5.04	25
Bromochloromethane	21.5		µg/l		20.0		108	70-130	3.64	25
Bromodichloromethane	21.4		µg/l		20.0		107	70-130	4.57	25
Bromoform	21.9		µg/l		20.0		110	70-130	1.80	25
Bromomethane	19.5		µg/l		20.0		97.5	43.9-144	6.45	50
2-Butanone (MEK)	19.9		µg/l		20.0		99.5	46.8-144	8.19	50
n-Butylbenzene	14.3		µg/l		20.0		71.5	70-130	14.3	25
sec-Butylbenzene	20.8		µg/l		20.0		104	70-130	8.29	25
tert-Butylbenzene	21.4		µg/l		20.0		107	70-130	9.78	25
Carbon disulfide	18.0		µg/l		20.0		90.0	70-130	9.02	25
Carbon tetrachloride	23.8		µg/l		20.0		119	70-130	2.49	25
Chlorobenzene	22.1		µg/l		20.0		110	70-130	6.17	25
Chloroethane	17.0		µg/l		20.0		85.0	55.2-136	8.45	50
Chloroform	21.5		µg/l		20.0		108	70-130	4.52	25
Chloromethane	17.1		µg/l		20.0		85.5	70-130	6.78	25
2-Chlorotoluene	22.9		µg/l		20.0		114	70-130	6.78	25
4-Chlorotoluene	22.1		µg/l		20.0		110	70-130	7.02	25
1,2-Dibromo-3-chloropropane	16.6		µg/l		20.0		83.0	70-130	2.97	25
Dibromochloromethane	21.8		µg/l		20.0		109	67.9-128	1.82	50
1,2-Dibromoethane (EDB)	21.4		µg/l		20.0		107	70-130	5.45	25
Dibromomethane	21.9		µg/l		20.0		110	70-130	1.80	25
1,2-Dichlorobenzene	21.5		µg/l		20.0		108	70-130	7.14	25
1,3-Dichlorobenzene	23.6		µg/l		20.0		118	70-130	6.56	25
1,4-Dichlorobenzene	20.5		µg/l		20.0		102	70-130	8.45	25
Dichlorodifluoromethane (Freon12)	16.4		µg/l		20.0		82.0	40.8-172	5.92	50
1,1-Dichloroethane	20.4		µg/l		20.0		102	70-130	7.55	25
1,2-Dichloroethane	20.3		µg/l		20.0		102	70-130	5.71	25
1,1-Dichloroethene	19.6		µg/l		20.0		98.0	70-130	5.94	25
cis-1,2-Dichloroethene	21.2		µg/l		20.0		106	70-130	5.50	25
trans-1,2-Dichloroethene	20.2		µg/l		20.0		101	70-130	4.83	25
1,2-Dichloropropane	19.7		µg/l		20.0		98.5	70-130	5.43	25
1,3-Dichloropropane	21.0		µg/l		20.0		105	70-130	5.56	25
2,2-Dichloropropane	18.3		µg/l		20.0		91.5	70-130	4.80	25
1,1-Dichloropropene	20.2		µg/l		20.0		101	70-130	4.83	25
cis-1,3-Dichloropropene	19.8		µg/l		20.0		99.0	70-130	2.99	25
trans-1,3-Dichloropropene	20.4		µg/l		20.0		102	70-130	0.976	25
Ethylbenzene	22.8		µg/l		20.0		114	70-130	6.78	25
Hexachlorobutadiene	20.9		µg/l		20.0		104	66.3-135	10.0	50
2-Hexanone (MBK)	18.7		µg/l		20.0		93.5	70-130	0.533	25
Isopropylbenzene	22.3		µg/l		20.0		112	70-130	6.90	25
4-Isopropyltoluene	20.8		µg/l		20.0		104	70-130	8.29	25
Methyl tert-butyl ether	17.9		µg/l		20.0		89.5	70-130	3.84	25
4-Methyl-2-pentanone (MIBK)	20.0		µg/l		20.0		100	48.6-137	0.00	50
Methylene chloride	19.0		µg/l		20.0		95.0	70-130	5.13	25
Naphthalene	21.7		µg/l		20.0		108	70-130	8.85	25
n-Propylbenzene	15.6		µg/l		20.0		78.0	70-130	12.6	25
Styrene	23.1		µg/l		20.0		116	70-130	6.67	25
1,1,1,2-Tetrachloroethane	23.4		µg/l		20.0		117	70-130	5.81	25
1,1,2,2-Tetrachloroethane	20.6		µg/l		20.0		103	70-130	6.57	25
Tetrachloroethene	21.2		µg/l		20.0		106	70-130	5.50	25
Toluene	20.8		µg/l		20.0		104	70-130	5.61	25
1,2,3-Trichlorobenzene	21.9		µg/l		20.0		110	70-130	7.86	25
1,2,4-Trichlorobenzene	20.9		µg/l		20.0		104	70-130	9.17	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
LCS Dup (6110620-BSD1)										
Prepared & Analyzed: 08-Nov-06										
1,1,1-Trichloroethane	20.7		µg/l		20.0		104	70-130	3.77	25
1,1,2-Trichloroethane	22.4		µg/l		20.0		112	70-130	1.77	25
Trichloroethene	22.8		µg/l		20.0		114	70-130	3.45	25
Trichlorofluoromethane (Freon 11)	20.8		µg/l		20.0		104	57.3-141	7.41	50
1,2,3-Trichloropropane	24.6		µg/l		20.0		123	70-130	2.41	25
1,2,4-Trimethylbenzene	23.4		µg/l		20.0		117	70-130	5.00	25
1,3,5-Trimethylbenzene	22.8		µg/l		20.0		114	70-130	6.78	25
Vinyl chloride	20.7		µg/l		20.0		104	70-130	9.17	25
m,p-Xylene	48.6		µg/l		40.0		122	70-130	6.35	25
o-Xylene	23.7		µg/l		20.0		118	70-130	6.56	25
Tetrahydrofuran	19.8		µg/l		20.0		99.0	70-130	0.504	25
Ethyl ether	19.0		µg/l		20.0		95.0	61.2-127	3.62	50
Tert-amyl methyl ether	23.3		µg/l		20.0		116	70-130	5.04	25
Ethyl tert-butyl ether	16.0		µg/l		20.0		80.0	70-130	3.08	25
Di-isopropyl ether	18.8		µg/l		20.0		94.0	70-130	4.17	25
Tert-Butanol / butyl alcohol	179		µg/l		200		89.5	70-130	1.12	25
1,4-Dioxane	183		µg/l		200		91.5	43.3-143	1.65	25
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/l		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*29.3*		µg/l		*30.0*		*97.7*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*29.6*		µg/l		*30.0*		*98.7*	*70-130*		
Matrix Spike (6110620-MS1) **Source: SA53691-01**										
Prepared & Analyzed: 08-Nov-06										
Benzene	24.3		µg/l		20.0	1.74	113	70-130		
Chlorobenzene	28.0		µg/l		20.0	4.98	115	70-130		
1,1-Dichloroethene	20.9		µg/l		20.0	BRL	104	70-130		
Toluene	22.9		µg/l		20.0	0.660	111	70-130		
Trichloroethene	24.1		µg/l		20.0	BRL	120	70-130		
Surrogate: 4-Bromofluorobenzene	*32.1*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/l		*30.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.1*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*30.4*		µg/l		*30.0*		*101*	*70-130*		
Matrix Spike Dup (6110620-MSD1) **Source: SA53691-01**										
Prepared & Analyzed: 08-Nov-06										
Benzene	23.1		µg/l		20.0	1.74	107	70-130	5.45	30
Chlorobenzene	26.4		µg/l		20.0	4.98	107	70-130	7.21	30
1,1-Dichloroethene	18.4		µg/l		20.0	BRL	92.0	70-130	12.2	30
Toluene	22.2		µg/l		20.0	0.660	108	70-130	2.74	30
Trichloroethene	22.7		µg/l		20.0	BRL	114	70-130	5.13	30
Surrogate: 4-Bromofluorobenzene	*31.9*		µg/l		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.2*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/l		*30.0*		*103*	*70-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110224 - SW846 3005A										
Blank (6110224-BLK1)										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Lead	BRL		mg/l	0.0075						
Zinc	BRL		mg/l	0.0380						
Nickel	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
LCS (6110224-BS1)										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Lead	0.462		mg/l	0.0075				85-115		
Zinc	0.526		mg/l	0.0380				85-115		
Nickel	BRL		mg/l	0.0050				85-115		
Selenium	0.454		mg/l	0.0150				85-115		
Chromium	0.502		mg/l	0.0050				85-115		
Barium	0.539		mg/l	0.0050				85-115		
Arsenic	0.455		mg/l	0.0040				85-115		
Silver	0.502		mg/l	0.0050				85-115		
Copper	0.561		mg/l	0.0050				85-115		
Cadmium	0.483		mg/l	0.0025				85-115		
LCS Dup (6110224-BSD1)										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Lead	0.470		mg/l	0.0075				85-115	1.72	20
Nickel	0.494		mg/l	0.0050				85-115		20
Zinc	0.516		mg/l	0.0380				85-115	1.92	20
Selenium	0.464		mg/l	0.0150				85-115	2.18	20
Cadmium	0.493		mg/l	0.0025				85-115	2.05	20
Silver	0.514		mg/l	0.0050				85-115	2.36	20
Barium	0.546		mg/l	0.0050				85-115	1.29	20
Copper	0.574		mg/l	0.0050				85-115	2.29	20
Chromium	0.510		mg/l	0.0050				85-115	1.58	20
Arsenic	0.463		mg/l	0.0040				85-115	1.74	20
Duplicate (6110224-DUP1) **Source: SA53519-02**										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Zinc	0.0142	J,QR1	mg/l	0.0380		0.0178			22.5	20
Nickel	BRL		mg/l	0.0050		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Barium	0.0268		mg/l	0.0050		0.0290			7.89	20
Chromium	BRL		mg/l	0.0050		BRL				20
Copper	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0002	J	mg/l	0.0025		0.0002			0.00	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	BRL		mg/l	0.0050		0.0016				20
Matrix Spike (6110224-MS1) **Source: SA53519-04**										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Zinc	0.536		mg/l	0.0380		0.0128		75-125		
Selenium	0.480		mg/l	0.0150		BRL		75-125		
Lead	0.456		mg/l	0.0075		BRL		75-125		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110224 - SW846 3005A										
Matrix Spike (6110224-MS1) Source: SA53519-04										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Nickel	1.29		mg/l	0.0050		0.802		75-125		
Copper	0.592		mg/l	0.0050		BRL		75-125		
Chromium	0.828		mg/l	0.0050		0.298		75-125		
Arsenic	0.480		mg/l	0.0040		BRL		75-125		
Silver	0.524		mg/l	0.0050		BRL		75-125		
Barium	0.616		mg/l	0.0050		0.0751		75-125		
Cadmium	0.489		mg/l	0.0025		0.0017		75-125		
Matrix Spike Dup (6110224-MSD1) Source: SA53519-04										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Lead	0.457		mg/l	0.0075		BRL		75-125	0.219	20
Selenium	0.485		mg/l	0.0150		BRL		75-125	1.04	20
Nickel	1.29		mg/l	0.0050		0.802		75-125	0.00	20
Zinc	0.604		mg/l	0.0380		0.0128		75-125	11.9	20
Barium	0.608		mg/l	0.0050		0.0751		75-125	1.31	20
Cadmium	0.487		mg/l	0.0025		0.0017		75-125	0.410	20
Chromium	0.820		mg/l	0.0050		0.298		75-125	0.971	20
Copper	0.582		mg/l	0.0050		BRL		75-125	1.70	20
Silver	0.519		mg/l	0.0050		BRL		75-125	0.959	20
Arsenic	0.483		mg/l	0.0040		BRL		75-125	0.623	20
Post Spike (6110224-PS1) Source: SA53519-04										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Lead	0.451		mg/l	0.0075		BRL		80-120		
Nickel	1.29		mg/l	0.0050		0.802		80-120		
Selenium	0.474		mg/l	0.0150		BRL		80-120		
Zinc	0.519		mg/l	0.0380		0.0128		80-120		
Chromium	0.822		mg/l	0.0050		0.298		80-120		
Cadmium	0.483		mg/l	0.0025		0.0017		80-120		
Barium	0.606		mg/l	0.0050		0.0751		80-120		
Arsenic	0.476		mg/l	0.0040		BRL		80-120		
Silver	0.507		mg/l	0.0050		BRL		80-120		
Copper	0.586		mg/l	0.0050		BRL		80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110225 - EPA200/SW7000 Series										
Blank (6110225-BLK1)										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	BRL		mg/l	0.00020						
LCS (6110225-BS1)										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	0.00265		mg/l	0.00020	0.00250		106	80-120		
Duplicate (6110225-DUP1) **Source: SA53519-02**										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (6110225-MS1) **Source: SA53519-04**										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	0.00256		mg/l	0.00020	0.00250	BRL	102	75-125		
Matrix Spike Dup (6110225-MSD1) **Source: SA53519-04**										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	0.00275		mg/l	0.00020	0.00250	BRL	110	75-125	7.16	20
Post Spike (6110225-PS1) **Source: SA53519-04**										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	0.00238		mg/l	0.00020	0.00250	BRL	95.2	75-125		

Soluble Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6111377 - SW846 3005A										
Blank (6111377-BLK1)										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.0450						
Lead	BRL		mg/l	0.0075						
Nickel	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
LCS (6111377-BS1)										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Selenium	0.482		mg/l	0.0150	0.500		96.4	85-115		20
Lead	0.489		mg/l	0.0075	0.500		97.8	85-115		20
Nickel	0.502		mg/l	0.0050	0.500		100	85-115		20
Zinc	0.514		mg/l	0.0450	0.500		103	85-115		20
Copper	0.521		mg/l	0.0050	0.500		104	85-115		20
Chromium	0.516		mg/l	0.0050	0.500		103	85-115		20
Barium	0.513		mg/l	0.0050	0.500		103	85-115		20
Silver	0.473		mg/l	0.0050	0.500		94.6	85-115		20
Cadmium	0.511		mg/l	0.0025	0.500		102	85-115		20
Arsenic	0.490		mg/l	0.0040	0.500		98.0	85-115		20
LCS Dup (6111377-BSD1)										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Zinc	0.518		mg/l	0.0450	0.500		104	85-115	0.775	20
Lead	0.493		mg/l	0.0075	0.500		98.6	85-115	0.815	20
Nickel	0.506		mg/l	0.0050	0.500		101	85-115	0.794	20
Selenium	0.484		mg/l	0.0150	0.500		96.8	85-115	0.414	20
Silver	0.479		mg/l	0.0050	0.500		95.8	85-115	1.26	20
Chromium	0.524		mg/l	0.0050	0.500		105	85-115	1.54	20
Copper	0.531		mg/l	0.0050	0.500		106	85-115	1.90	20
Arsenic	0.492		mg/l	0.0040	0.500		98.4	85-115	0.407	20
Barium	0.519		mg/l	0.0050	0.500		104	85-115	1.16	20
Cadmium	0.516		mg/l	0.0025	0.500		103	85-115	0.974	20
Duplicate (6111377-DUP1) **Source: SA53519-13**										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Zinc	0.0417	J	mg/l	0.0450		0.0361			14.4	20
Nickel	0.338		mg/l	0.0050		0.340			0.590	20
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Chromium	0.0038	J,QR1	mg/l	0.0050		0.0024			45.2	20
Arsenic	0.0022	J	mg/l	0.0040		BRL				20
Copper	0.230		mg/l	0.0050		0.230			0.00	20
Barium	0.0382		mg/l	0.0050		0.0385			0.782	20
Cadmium	0.0002	J	mg/l	0.0025		0.0002			0.00	20
Silver	BRL		mg/l	0.0050		BRL				20
Matrix Spike (6111377-MS1) **Source: SA53519-15**										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Selenium	0.479		mg/l	0.0150	0.500	BRL	95.8	75-125		20
Lead	0.470		mg/l	0.0075	0.500	0.0023	93.5	75-125		20
Zinc	0.548		mg/l	0.0450	0.500	0.0436	101	75-125		20

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Soluble Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6111377 - SW846 3005A										
Matrix Spike (6111377-MS1) Source: SA53519-15										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Nickel	0.836		mg/l	0.0050	0.500	0.352	96.8	75-125		20
Silver	0.0533	QM7	mg/l	0.0050	0.500	BRL	10.7	75-125		20
Arsenic	0.484		mg/l	0.0040	0.500	BRL	96.8	75-125		20
Copper	0.774		mg/l	0.0050	0.500	0.249	105	75-125		20
Chromium	0.506		mg/l	0.0050	0.500	0.0034	101	75-125		20
Cadmium	0.501		mg/l	0.0025	0.500	0.0002	100	75-125		20
Barium	0.542		mg/l	0.0050	0.500	0.0400	100	75-125		20
Matrix Spike Dup (6111377-MSD1) Source: SA53519-15										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Zinc	0.543		mg/l	0.0450	0.500	0.0436	99.9	75-125	0.917	20
Selenium	0.470		mg/l	0.0150	0.500	BRL	94.0	75-125	1.90	20
Lead	0.465		mg/l	0.0075	0.500	0.0023	92.5	75-125	1.07	20
Nickel	0.829		mg/l	0.0050	0.500	0.352	95.4	75-125	0.841	20
Silver	0.0524	QM7	mg/l	0.0050	0.500	BRL	10.5	75-125	1.70	20
Cadmium	0.493		mg/l	0.0025	0.500	0.0002	98.6	75-125	1.61	20
Chromium	0.503		mg/l	0.0050	0.500	0.0034	99.9	75-125	0.595	20
Arsenic	0.479		mg/l	0.0040	0.500	BRL	95.8	75-125	1.04	20
Copper	0.766		mg/l	0.0050	0.500	0.249	103	75-125	1.04	20
Barium	0.530		mg/l	0.0050	0.500	0.0400	98.0	75-125	2.24	20
Post Spike (6111377-PS1) Source: SA53519-15										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Nickel	0.824		mg/l	0.0050	0.500	0.352	94.4	80-120		20
Zinc	0.536		mg/l	0.0450	0.500	0.0436	98.5	80-120		20
Selenium	0.469		mg/l	0.0150	0.500	BRL	93.8	80-120		20
Lead	0.459		mg/l	0.0075	0.500	0.0023	91.3	80-120		20
Barium	0.526		mg/l	0.0050	0.500	0.0400	97.2	80-120		20
Cadmium	0.488		mg/l	0.0025	0.500	0.0002	97.6	80-120		20
Chromium	0.497		mg/l	0.0050	0.500	0.0034	98.7	80-120		20
Copper	0.756		mg/l	0.0050	0.500	0.249	101	80-120		20
Arsenic	0.475		mg/l	0.0040	0.500	BRL	95.0	80-120		20

Soluble Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6111378 - EPA200/SW7000 Series										
Blank (6111378-BLK1)										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Mercury	BRL		mg/l	0.00020						
LCS (6111378-BS1)										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Mercury	0.00245		mg/l	0.00020	0.00250		98.0	75-125		
Duplicate (6111378-DUP1) Source: SA53519-13										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (6111378-MS1) Source: SA53519-15										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Mercury	0.00240		mg/l	0.00020	0.00250	BRL	96.0	75-125		
Matrix Spike Dup (6111378-MSD1) Source: SA53519-15										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Mercury	0.00236		mg/l	0.00020	0.00250	BRL	94.4	75-125	1.68	20
Post Spike (6111378-PS1) Source: SA53519-15										
Prepared: 18-Nov-06 Analyzed: 20-Nov-06										
Mercury	0.00226		mg/l	0.00020	0.00250	BRL	90.4	75-125		

Notes and Definitions

FF	Field Filtered
FP	Field Preserved
LP	Lab Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR1	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.
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

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

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. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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.
Christopher Hall

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA
Client: Loureiro Engineering Associates - Plainv

Project Location: MacDermid - Waterbury, CT
Project Number: 91MH603.002

Sampling Date(s):
30-Oct-06

Laboratory Sample ID(s):
SA53519-01 through SA53519-23

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	☐ Yes ☐ No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☐ Yes ☐ No
3	Were samples received at an appropriate temperature (4° C ± 2°)? If no, the attached narrative should include any explanation as to acceptability of samples received at other temperatures.	☐ Yes ☐ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☐ Yes ☐ No
5	Were reporting limits specified on the chain-of-custody met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☐ No
7	Are project-specific QC samples included in this data set?	☐ Yes ☐ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1 is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 11/27/2006

SA53519 ...

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CHAIN OF CUSTODY RECORD

Page 1 of 3

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: Jamie Jarvis
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA WH6016788
100 Northwest Dr (gw)
Plainville, CT
P.O. No.: _____ RQN: _____

Project No.: 91MH603.002
Site Name: MacDermid
Location: Waterbury, State: CT
Sampler(s): Dippert, Venable, Chmielecki

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

Containers: Analyses:

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: GA, residential

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs	RCRA 8+Cu,Ni,Zn						
SA53519-01	1187379	10/30/06	10:20	G	GW	2,9	3				X							
02	1187379uf		10:20			4,9				1		X						
03	1187380		12:43			2,9	3				X							
04	1187380uf		12:43			4,9				1		X						
05	1187381		13:58			2,4,9	3			1	X	X						Hold metals
06	1187381uf		13:58			4,9				1		X						
07	1187382		10:30			2,9	3				X							
08	1187382uf		10:30			4,9				1		X						
09	1187383		11:15			2,4,9	3			1	X	X						Hold metals
10	1187383uf		11:15			4,9				1		X						

☐ Fax results when available to (____) _____
☐ E-mail to JLJarvis@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 7.1

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	10/30/06	17:45
LEA Fridge	[signature]	11-1-06	1148
[signature]	[signature]	11-1-06	150

Fridge

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-0018 • Fax 413-789-4076 • www.spectrum-analytical.com

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CHAIN OF CUSTODY RECORD

Page 2 of 4

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: Jason Waters
LEA
100 Northfield Dr
Ste Plainville, CT
Project Mgr: Jason Waters

Invoice To: LEA
100 Northfield Dr
Plainville, CT
P.O. No.: _____ RQN: _____

Project No: 11MHC5.002
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): Brigid Venable, Chris Ki

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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC	SVOC					
	187541	10/30/06	13:10	G	GW	2,4	3			1	X	X					
	187541f		13:20			4,9				1		X					
	187385		14:40			2,4	3			1	X	X					
	187385f		↓			4,9				1		X					
	187400					2,9	3			1	X	X					
	187400f		↓			4,9				1		X					
	187397		12:00			2,9	3				X						
	187397f		12:00			4,9				1		X					
	187398		14:30			2,9	3			1	X	X					
	187398f		14:30			4,9				1		X					

Containers

Analyses

QA/Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☑ Provide CT DPH RCP Report
QA/QC Reporting Level:
☑ Standard ☐ No QC
☐ Other: _____
State specific reporting standards: CT Waterbury

Hold metals
Please Run 11/15/06
Dissolved metals - Please Run 11/15/06
Hold metals

☐ Fax results when available to ( ) _____
☑ E-mail to JWaters@Lawrence.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 7.1 Fridge

Relinquished by:	Received by:	Date:	Time:
LEA Fridge	LEA Fridge	10/30/06	17:45
LEA Fridge	[signature]	11-1-06	1149

SAS3514

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

Special Handling:
- [x] 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: Jamie Jarvis
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: _____ RQN: _____

Project No.: 91MH603.002
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): Dippert, Venable, Chmielecki

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	RCRA8+Cu,Ni,Zn	QA Reporting Notes (check if needed)
SAS3514-21	1187403	10/30/06	9:10	G	GW	2,9	1				X		☐ Provide MA DEP MCP CAM Report
-22	1187401	10/30/06	15:25	G	GW	2,9	3			4	X		☒ Provide CT DPH RCP Report
-23	1187401 of	10/30/06	15:25	G	GW	4,9				1		X	QA/QC Reporting Level: ☒ Standard ☐ No QC ☐ Other GA, residential
													State specific reporting standards:

☐ Fax results when available to (____) _____
☒ E-mail to JJarvis@Loureiro.com
EDD Format LEA
Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 7.1 Fridge

Relinquished by:	Received by:	Date:	Time:
	LEA Fridge	10/30/06	17:45
LEA Fridge		11-1-06	1148
		11-1-06	1500

Report Date:
08-Nov-06 16:09

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Jamie Jarvis

Project: MacDermid - Waterbury, CT
Project 91MH603.002

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA53561-01	1187395	Ground Water	31-Oct-06 12:30	01-Nov-06 13:50
SA53561-02	1187394	Ground Water	31-Oct-06 09:55	01-Nov-06 13:50
SA53561-03	1187395uf	Ground Water	31-Oct-06 12:30	01-Nov-06 13:50
SA53561-04	1187394uf	Ground Water	31-Oct-06 09:55	01-Nov-06 13:50
SA53561-05	1187387	Ground Water	31-Oct-06 11:50	01-Nov-06 13:50
SA53561-06	1187387uf	Ground Water	31-Oct-06 11:50	01-Nov-06 13:50
SA53561-07	1187386	Ground Water	31-Oct-06 09:40	01-Nov-06 13:50
SA53561-08	1187386uf	Ground Water	31-Oct-06 09:40	01-Nov-06 13:50
SA53561-09	1187388	Ground Water	31-Oct-06 13:55	01-Nov-06 13:50
SA53561-10	1187388uf	Ground Water	31-Oct-06 13:55	01-Nov-06 13:50
SA53561-11	1187389	Ground Water	31-Oct-06 09:45	01-Nov-06 13:50
SA53561-12	1187389uf	Ground Water	31-Oct-06 09:45	01-Nov-06 13:50
SA53561-13	1187390	Ground Water	31-Oct-06 11:50	01-Nov-06 13:50
SA53561-14	1187390uf	Ground Water	31-Oct-06 11:50	01-Nov-06 13:50
SA53561-15	1187391	Ground Water	31-Oct-06 13:30	01-Nov-06 13:50
SA53561-16	1187391uf	Ground Water	31-Oct-06 13:30	01-Nov-06 13:50
SA53561-17	1187402	Ground Water	31-Oct-06 08:40	01-Nov-06 13:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 42 pages of analytical data plus Chain of Custody document(s).
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Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187395 SA53561-01	91MH603.002	Ground Water	31-Oct-06 12:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110570	mar
67-64-1	Acetone	30.6		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]2-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]24-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187395 SA53561-01	91MH603.002	Ground Water	31-Oct-06 12:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	07-Nov-06	6110570	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	1.7		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.3*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99.7*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187394 SA53561-02	91MH603.002	Ground Water	31-Oct-06 09:55	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110620	mar
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	1.9		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]2-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]24-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	7.7		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]08-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]3-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187394 SA53561-02	91MH603.002	Ground Water	31-Oct-06 09:55	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	08-Nov-06	08-Nov-06	6110620	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	1.2		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	8.3		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99.3*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.7*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96.3*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187395uf SA53561-03	91MH603.002	Ground Water	31-Oct-06 12:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	05-Nov-06	6110226	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0331		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0052		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110227	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187394uf SA53561-04	91MH603.002	Ground Water	31-Oct-06 09:55	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	05-Nov-06	6110226	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0789		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110227	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187387 SA53561-05	91MH603.002	Ground Water	31-Oct-06 11:50	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]2-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]4-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]9-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187387 SA53561-05	91MH603.002	Ground Water	31-Oct-06 11:50	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	2.3		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*113*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187387uf SA53561-06	91MH603.002	Ground Water	31-Oct-06 11:50	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	05-Nov-06	6110226	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0336		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110227	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187386 SA53561-07	91MH603.002	Ground Water	31-Oct-06 09:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	1.2		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]2-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]24-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]08-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]3-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1187386 SA53561-07	91MH603.002	Ground Water	31-Oct-06 09:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.7*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187386uf SA53561-08	91MH603.002	Ground Water	31-Oct-06 09:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	05-Nov-06	6110226	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.123		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110227	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187388 SA53561-09	91MH603.002	Ground Water	31-Oct-06 13:55	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]2-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]4-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]9-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1187388 SA53561-09	91MH603.002	Ground Water	31-Oct-06 13:55	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	38.5		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.7*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187388uf SA53561-10	91MH603.002	Ground Water	31-Oct-06 13:55	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	05-Nov-06	6110226	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0204		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0059		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.606		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0127		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110227	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187389 SA53561-11	91MH603.002	Ground Water	31-Oct-06 09:45	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]2-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]8-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]3-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187389 SA53561-11	91MH603.002	Ground Water	31-Oct-06 09:45	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	2.9		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.3*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*111*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187389uf SA53561-12	91MH603.002	Ground Water	31-Oct-06 09:45	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	05-Nov-06	6110226	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0151		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0086		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110227	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187390 SA53561-13	91MH603.002	Ground Water	31-Oct-06 11:50	01-Nov-06

Volatile Organic Compounds

Volatile Organic Compounds

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]2-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]91-20-3	Naphthalene	BRL		µg/l	1.0	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
1187390 SA53561-13	91MH603.002	Ground Water	31-Oct-06 11:50	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	7.2		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	2.0		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98.3*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187390uf SA53561-14	91MH603.002	Ground Water	31-Oct-06 11:50	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	05-Nov-06	6110226	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.190		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110227	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187391 SA53561-15	91MH603.002	Ground Water	31-Oct-06 13:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
4-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
08-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187391	91MH603.002	Ground Water	31-Oct-06 13:30	01-Nov-06
SA53561-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.3*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187391uf SA53561-16	91MH603.002	Ground Water	31-Oct-06 13:30	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	03-Nov-06	05-Nov-06	6110226	JLC
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	*Barium*	*0.0239*		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0380	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	03-Nov-06	06-Nov-06	6110227	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187402 SA53561-17	91MH603.002	Ground Water	31-Oct-06 08:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]2-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]24-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]3-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1187402 SA53561-17	91MH603.002	Ground Water	31-Oct-06 08:40	01-Nov-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	07-Nov-06	08-Nov-06	6110570	mar
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.3*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110570 - SW846 5030 Water MS										
Blank (6110570-BLK1)										
Prepared & Analyzed: 07-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110570 - SW846 5030 Water MS										
Blank (6110570-BLK1)										
Prepared & Analyzed: 07-Nov-06										
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*28.9*		µg/l		*30.0*		*96.3*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.8*		µg/l		*30.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*30.0*		µg/l		*30.0*		*100*	*70-130*		
LCS (6110570-BS1)										
Prepared & Analyzed: 07-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.2		µg/l		20.0		101	70-130		
Acetone	17.4		µg/l		20.0		87.0	28.5-162		
Acrylonitrile	21.7		µg/l		20.0		108	70-130		
Benzene	21.5		µg/l		20.0		108	70-130		
Bromobenzene	23.5		µg/l		20.0		118	70-130		
Bromochloromethane	21.9		µg/l		20.0		110	70-130		
Bromodichloromethane	21.9		µg/l		20.0		110	70-130		
Bromoform	21.8		µg/l		20.0		109	70-130		
Bromomethane	20.4		µg/l		20.0		102	43.9-144		
2-Butanone (MEK)	20.5		µg/l		20.0		102	46.8-144		
n-Butylbenzene	15.4		µg/l		20.0		77.0	70-130		
sec-Butylbenzene	21.6		µg/l		20.0		108	70-130		
tert-Butylbenzene	22.7		µg/l		20.0		114	70-130		
Carbon disulfide	18.6		µg/l		20.0		93.0	70-130		
Carbon tetrachloride	24.3		µg/l		20.0		122	70-130		
Chlorobenzene	22.8		µg/l		20.0		114	70-130		
Chloroethane	17.9		µg/l		20.0		89.5	55.2-136		
Chloroform	22.2		µg/l		20.0		111	70-130		
Chloromethane	17.3		µg/l		20.0		86.5	70-130		
2-Chlorotoluene	23.4		µg/l		20.0		117	70-130		
4-Chlorotoluene	22.7		µg/l		20.0		114	70-130		
1,2-Dibromo-3-chloropropane	16.7		µg/l		20.0		83.5	70-130		
Dibromochloromethane	22.2		µg/l		20.0		111	67.9-128		
1,2-Dibromoethane (EDB)	22.1		µg/l		20.0		110	70-130		
Dibromomethane	22.6		µg/l		20.0		113	70-130		
1,2-Dichlorobenzene	22.6		µg/l		20.0		113	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110570 - SW846 5030 Water MS										
LCS (6110570-BS1)										
Prepared & Analyzed: 07-Nov-06										
1,3-Dichlorobenzene	24.0		µg/l		20.0		120	70-130		
1,4-Dichlorobenzene	21.6		µg/l		20.0		108	70-130		
Dichlorodifluoromethane (Freon12)	16.2		µg/l		20.0		81.0	40.8-172		
1,1-Dichloroethane	21.2		µg/l		20.0		106	70-130		
1,2-Dichloroethane	21.5		µg/l		20.0		108	70-130		
1,1-Dichloroethene	19.3		µg/l		20.0		96.5	70-130		
cis-1,2-Dichloroethene	21.3		µg/l		20.0		106	70-130		
trans-1,2-Dichloroethene	20.4		µg/l		20.0		102	70-130		
1,2-Dichloropropane	20.3		µg/l		20.0		102	70-130		
1,3-Dichloropropane	21.5		µg/l		20.0		108	70-130		
2,2-Dichloropropane	18.5		µg/l		20.0		92.5	70-130		
1,1-Dichloropropene	20.3		µg/l		20.0		102	70-130		
cis-1,3-Dichloropropene	19.9		µg/l		20.0		99.5	70-130		
trans-1,3-Dichloropropene	20.6		µg/l		20.0		103	70-130		
Ethylbenzene	23.5		µg/l		20.0		118	70-130		
Hexachlorobutadiene	22.0		µg/l		20.0		110	66.3-135		
2-Hexanone (MBK)	18.2		µg/l		20.0		91.0	70-130		
Isopropylbenzene	23.3		µg/l		20.0		116	70-130		
4-Isopropyltoluene	21.8		µg/l		20.0		109	70-130		
Methyl tert-butyl ether	18.5		µg/l		20.0		92.5	70-130		
4-Methyl-2-pentanone (MIBK)	19.8		µg/l		20.0		99.0	48.6-137		
Methylene chloride	19.6		µg/l		20.0		98.0	70-130		
Naphthalene	22.8		µg/l		20.0		114	70-130		
n-Propylbenzene	16.6		µg/l		20.0		83.0	70-130		
Styrene	23.5		µg/l		20.0		118	70-130		
1,1,1,2-Tetrachloroethane	23.8		µg/l		20.0		119	70-130		
1,1,2,2-Tetrachloroethane	21.1		µg/l		20.0		106	70-130		
Tetrachloroethene	22.1		µg/l		20.0		110	70-130		
Toluene	21.7		µg/l		20.0		108	70-130		
1,2,3-Trichlorobenzene	22.6		µg/l		20.0		113	70-130		
1,2,4-Trichlorobenzene	21.7		µg/l		20.0		108	70-130		
1,1,1-Trichloroethane	21.8		µg/l		20.0		109	70-130		
1,1,2-Trichloroethane	22.4		µg/l		20.0		112	70-130		
Trichloroethene	23.3		µg/l		20.0		116	70-130		
Trichlorofluoromethane (Freon 11)	20.8		µg/l		20.0		104	57.3-141		
1,2,3-Trichloropropane	24.4		µg/l		20.0		122	70-130		
1,2,4-Trimethylbenzene	23.8		µg/l		20.0		119	70-130		
1,3,5-Trimethylbenzene	23.2		µg/l		20.0		116	70-130		
Vinyl chloride	20.6		µg/l		20.0		103	70-130		
m,p-Xylene	49.5		µg/l		40.0		124	70-130		
o-Xylene	24.3		µg/l		20.0		122	70-130		
Tetrahydrofuran	21.6		µg/l		20.0		108	70-130		
Ethyl ether	19.6		µg/l		20.0		98.0	61.2-127		
Tert-amyl methyl ether	23.3		µg/l		20.0		116	70-130		
Ethyl tert-butyl ether	16.6		µg/l		20.0		83.0	70-130		
Di-isopropyl ether	19.5		µg/l		20.0		97.5	70-130		
Tert-Butanol / butyl alcohol	177		µg/l		200		88.5	70-130		
1,4-Dioxane	175		µg/l		200		87.5	43.3-143		
Surrogate: 4-Bromofluorobenzene	*31.4*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/l		*30.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*29.9*		µg/l		*30.0*		*99.7*	*70-130*		
LCS Dup (6110570-BSD1)										

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110570 - SW846 5030 Water MS										
Prepared & Analyzed: 07-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.7		µg/l		20.0		104	70-130	2.93	25
Acetone	19.6		µg/l		20.0		98.0	28.5-162	11.9	50
Acrylonitrile	21.4		µg/l		20.0		107	70-130	0.930	25
Benzene	21.6		µg/l		20.0		108	70-130	0.00	25
Bromobenzene	23.8		µg/l		20.0		119	70-130	0.844	25
Bromochloromethane	21.7		µg/l		20.0		108	70-130	1.83	25
Bromodichloromethane	21.3		µg/l		20.0		106	70-130	3.70	25
Bromoform	21.3		µg/l		20.0		106	70-130	2.79	25
Bromomethane	19.0		µg/l		20.0		95.0	43.9-144	7.11	50
2-Butanone (MEK)	19.7		µg/l		20.0		98.5	46.8-144	3.49	50
n-Butylbenzene	15.3		µg/l		20.0		76.5	70-130	0.651	25
sec-Butylbenzene	21.6		µg/l		20.0		108	70-130	0.00	25
tert-Butylbenzene	22.7		µg/l		20.0		114	70-130	0.00	25
Carbon disulfide	18.4		µg/l		20.0		92.0	70-130	1.08	25
Carbon tetrachloride	24.1		µg/l		20.0		120	70-130	1.65	25
Chlorobenzene	23.0		µg/l		20.0		115	70-130	0.873	25
Chloroethane	18.2		µg/l		20.0		91.0	55.2-136	1.66	50
Chloroform	22.1		µg/l		20.0		110	70-130	0.905	25
Chloromethane	17.3		µg/l		20.0		86.5	70-130	0.00	25
2-Chlorotoluene	23.2		µg/l		20.0		116	70-130	0.858	25
4-Chlorotoluene	22.6		µg/l		20.0		113	70-130	0.881	25
1,2-Dibromo-3-chloropropane	16.8		µg/l		20.0		84.0	70-130	0.597	25
Dibromochloromethane	21.5		µg/l		20.0		108	67.9-128	2.74	50
1,2-Dibromoethane (EDB)	21.7		µg/l		20.0		108	70-130	1.83	25
Dibromomethane	21.8		µg/l		20.0		109	70-130	3.60	25
1,2-Dichlorobenzene	22.5		µg/l		20.0		112	70-130	0.889	25
1,3-Dichlorobenzene	23.9		µg/l		20.0		120	70-130	0.00	25
1,4-Dichlorobenzene	21.4		µg/l		20.0		107	70-130	0.930	25
Dichlorodifluoromethane (Freon12)	16.8		µg/l		20.0		84.0	40.8-172	3.64	50
1,1-Dichloroethane	21.7		µg/l		20.0		108	70-130	1.87	25
1,2-Dichloroethane	21.2		µg/l		20.0		106	70-130	1.87	25
1,1-Dichloroethene	21.1		µg/l		20.0		106	70-130	9.38	25
cis-1,2-Dichloroethene	21.8		µg/l		20.0		109	70-130	2.79	25
trans-1,2-Dichloroethene	20.2		µg/l		20.0		101	70-130	0.985	25
1,2-Dichloropropane	20.4		µg/l		20.0		102	70-130	0.00	25
1,3-Dichloropropane	21.5		µg/l		20.0		108	70-130	0.00	25
2,2-Dichloropropane	18.6		µg/l		20.0		93.0	70-130	0.539	25
1,1-Dichloropropene	20.7		µg/l		20.0		104	70-130	1.94	25
cis-1,3-Dichloropropene	19.6		µg/l		20.0		98.0	70-130	1.52	25
trans-1,3-Dichloropropene	20.1		µg/l		20.0		100	70-130	2.96	25
Ethylbenzene	23.8		µg/l		20.0		119	70-130	0.844	25
Hexachlorobutadiene	22.0		µg/l		20.0		110	66.3-135	0.00	50
2-Hexanone (MBK)	18.5		µg/l		20.0		92.5	70-130	1.63	25
Isopropylbenzene	23.2		µg/l		20.0		116	70-130	0.00	25
4-Isopropyltoluene	22.0		µg/l		20.0		110	70-130	0.913	25
Methyl tert-butyl ether	19.0		µg/l		20.0		95.0	70-130	2.67	25
4-Methyl-2-pentanone (MIBK)	19.8		µg/l		20.0		99.0	48.6-137	0.00	50
Methylene chloride	19.5		µg/l		20.0		97.5	70-130	0.512	25
Naphthalene	22.1		µg/l		20.0		110	70-130	3.57	25
n-Propylbenzene	16.4		µg/l		20.0		82.0	70-130	1.21	25
Styrene	23.7		µg/l		20.0		118	70-130	0.00	25
1,1,2-Tetrachloroethane	23.8		µg/l		20.0		119	70-130	0.00	25
1,2,2-Tetrachloroethane	20.2		µg/l		20.0		101	70-130	4.83	25
Tetrachloroethene	21.8		µg/l		20.0		109	70-130	0.913	25
Toluene	20.8		µg/l		20.0		104	70-130	3.77	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110570 - SW846 5030 Water MS										
LCS Dup (6110570-BSD1)										
Prepared & Analyzed: 07-Nov-06										
1,2,3-Trichlorobenzene	22.3		µg/l		20.0		112	70-130	0.889	25
1,2,4-Trichlorobenzene	21.4		µg/l		20.0		107	70-130	0.930	25
1,1,1-Trichloroethane	21.4		µg/l		20.0		107	70-130	1.85	25
1,1,2-Trichloroethane	22.6		µg/l		20.0		113	70-130	0.889	25
Trichloroethene	23.2		µg/l		20.0		116	70-130	0.00	25
Trichlorofluoromethane (Freon 11)	22.2		µg/l		20.0		111	57.3-141	6.51	50
1,2,3-Trichloropropane	25.0		µg/l		20.0		125	70-130	2.43	25
1,2,4-Trimethylbenzene	23.8		µg/l		20.0		119	70-130	0.00	25
1,3,5-Trimethylbenzene	23.1		µg/l		20.0		116	70-130	0.00	25
Vinyl chloride	21.2		µg/l		20.0		106	70-130	2.87	25
m,p-Xylene	49.8		µg/l		40.0		124	70-130	0.00	25
o-Xylene	24.6		µg/l		20.0		123	70-130	0.816	25
Tetrahydrofuran	18.9		µg/l		20.0		94.5	70-130	13.3	25
Ethyl ether	19.4		µg/l		20.0		97.0	61.2-127	1.03	50
Tert-amyl methyl ether	23.7		µg/l		20.0		118	70-130	1.71	25
Ethyl tert-butyl ether	17.0		µg/l		20.0		85.0	70-130	2.38	25
Di-isopropyl ether	19.4		µg/l		20.0		97.0	70-130	0.514	25
Tert-Butanol / butyl alcohol	177		µg/l		200		88.5	70-130	0.00	25
1,4-Dioxane	172		µg/l		200		86.0	43.3-143	1.73	25
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.0*		µg/l		*30.0*		*96.7*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*29.0*		µg/l		*30.0*		*96.7*	*70-130*		
Matrix Spike (6110570-MS1) **Source: SA53444-03**										
Prepared: 07-Nov-06 Analyzed: 08-Nov-06										
Benzene	21.6		µg/l		20.0	BRL	108	70-130		
Chlorobenzene	23.0		µg/l		20.0	BRL	115	70-130		
1,1-Dichloroethene	19.1		µg/l		20.0	BRL	95.5	70-130		
Toluene	22.6		µg/l		20.0	0.770	109	70-130		
Trichloroethene	23.0		µg/l		20.0	BRL	115	70-130		
Surrogate: 4-Bromofluorobenzene	*31.5*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*29.6*		µg/l		*30.0*		*98.7*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*34.4*		µg/l		*30.0*		*115*	*70-130*		
Surrogate: Dibromofluoromethane	*30.7*		µg/l		*30.0*		*102*	*70-130*		
Matrix Spike Dup (6110570-MSD1) **Source: SA53444-03**										
Prepared: 07-Nov-06 Analyzed: 08-Nov-06										
Benzene	22.6		µg/l		20.0	BRL	113	70-130	4.52	30
Chlorobenzene	24.4		µg/l		20.0	BRL	122	70-130	5.91	30
1,1-Dichloroethene	20.3		µg/l		20.0	BRL	102	70-130	6.58	30
Toluene	23.5		µg/l		20.0	0.770	114	70-130	4.48	30
Trichloroethene	24.4		µg/l		20.0	BRL	122	70-130	5.91	30
Surrogate: 4-Bromofluorobenzene	*31.4*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/l		*30.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.5*		µg/l		*30.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*30.8*		µg/l		*30.0*		*103*	*70-130*		
Batch 6110620 - SW846 5030 Water MS										
Blank (6110620-BLK1)										
Prepared & Analyzed: 08-Nov-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
Blank (6110620-BLK1)										
Prepared & Analyzed: 08-Nov-06										
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
Blank (6110620-BLK1)										
Prepared & Analyzed: 08-Nov-06										
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/l		*30.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*30.1*		µg/l		*30.0*		*100*	*70-130*		
LCS (6110620-BS1)										
Prepared & Analyzed: 08-Nov-06										
1,2-Trichlorotrifluoroethane (Freon 113)	21.4		µg/l		20.0		107	70-130		
Acetone	19.6		µg/l		20.0		98.0	28.5-162		
Acrylonitrile	22.6		µg/l		20.0		113	70-130		
Benzene	22.1		µg/l		20.0		110	70-130		
Bromobenzene	24.3		µg/l		20.0		122	70-130		
Bromochloromethane	22.5		µg/l		20.0		112	70-130		
Bromodichloromethane	22.4		µg/l		20.0		112	70-130		
Bromoform	22.4		µg/l		20.0		112	70-130		
Bromomethane	20.9		µg/l		20.0		104	43.9-144		
2-Butanone (MEK)	21.7		µg/l		20.0		108	46.8-144		
n-Butylbenzene	16.5		µg/l		20.0		82.5	70-130		
sec-Butylbenzene	22.6		µg/l		20.0		113	70-130		
tert-Butylbenzene	23.6		µg/l		20.0		118	70-130		
Carbon disulfide	19.7		µg/l		20.0		98.5	70-130		
Carbon tetrachloride	24.3		µg/l		20.0		122	70-130		
Chlorobenzene	23.4		µg/l		20.0		117	70-130		
Chloroethane	18.5		µg/l		20.0		92.5	55.2-136		
Chloroform	22.6		µg/l		20.0		113	70-130		
Chloromethane	18.3		µg/l		20.0		91.5	70-130		
2-Chlorotoluene	24.3		µg/l		20.0		122	70-130		
4-Chlorotoluene	23.5		µg/l		20.0		118	70-130		
1,2-Dibromo-3-chloropropane	17.1		µg/l		20.0		85.5	70-130		
Dibromochloromethane	22.2		µg/l		20.0		111	67.9-128		
1,2-Dibromoethane (EDB)	22.6		µg/l		20.0		113	70-130		
Dibromomethane	22.5		µg/l		20.0		112	70-130		
1,2-Dichlorobenzene	23.2		µg/l		20.0		116	70-130		
1,3-Dichlorobenzene	25.2		µg/l		20.0		126	70-130		
1,4-Dichlorobenzene	22.2		µg/l		20.0		111	70-130		
Dichlorodifluoromethane (Freon12)	17.4		µg/l		20.0		87.0	40.8-172		
1,1-Dichloroethane	21.9		µg/l		20.0		110	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
LCS (6110620-BS1)										
Prepared & Analyzed: 08-Nov-06										
1,2-Dichloroethane	21.6		µg/l		20.0		108	70-130		
1,1-Dichloroethene	20.7		µg/l		20.0		104	70-130		
cis-1,2-Dichloroethene	22.4		µg/l		20.0		112	70-130		
trans-1,2-Dichloroethene	21.2		µg/l		20.0		106	70-130		
1,2-Dichloropropane	20.9		µg/l		20.0		104	70-130		
1,3-Dichloropropane	22.2		µg/l		20.0		111	70-130		
2,2-Dichloropropane	19.2		µg/l		20.0		96.0	70-130		
1,1-Dichloropropene	21.1		µg/l		20.0		106	70-130		
cis-1,3-Dichloropropene	20.4		µg/l		20.0		102	70-130		
trans-1,3-Dichloropropene	20.6		µg/l		20.0		103	70-130		
Ethylbenzene	24.5		µg/l		20.0		122	70-130		
Hexachlorobutadiene	23.0		µg/l		20.0		115	66.3-135		
2-Hexanone (MBK)	18.8		µg/l		20.0		94.0	70-130		
Isopropylbenzene	24.1		µg/l		20.0		120	70-130		
4-Isopropyltoluene	22.6		µg/l		20.0		113	70-130		
Methyl tert-butyl ether	18.6		µg/l		20.0		93.0	70-130		
4-Methyl-2-pentanone (MIBK)	20.0		µg/l		20.0		100	48.6-137		
Methylene chloride	20.1		µg/l		20.0		100	70-130		
Naphthalene	23.6		µg/l		20.0		118	70-130		
n-Propylbenzene	17.7		µg/l		20.0		88.5	70-130		
Styrene	24.8		µg/l		20.0		124	70-130		
1,1,1,2-Tetrachloroethane	24.8		µg/l		20.0		124	70-130		
1,1,2,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130		
Tetrachloroethene	22.3		µg/l		20.0		112	70-130		
Toluene	22.1		µg/l		20.0		110	70-130		
1,2,3-Trichlorobenzene	23.8		µg/l		20.0		119	70-130		
1,2,4-Trichlorobenzene	22.8		µg/l		20.0		114	70-130		
1,1,1-Trichloroethane	21.6		µg/l		20.0		108	70-130		
1,1,2-Trichloroethane	22.9		µg/l		20.0		114	70-130		
Trichloroethene	23.6		µg/l		20.0		118	70-130		
Trichlorofluoromethane (Freon 11)	22.5		µg/l		20.0		112	57.3-141		
1,2,3-Trichloropropane	25.2		µg/l		20.0		126	70-130		
1,2,4-Trimethylbenzene	24.6		µg/l		20.0		123	70-130		
1,3,5-Trimethylbenzene	24.3		µg/l		20.0		122	70-130		
Vinyl chloride	22.8		µg/l		20.0		114	70-130		
m,p-Xylene	52.0		µg/l		40.0		130	70-130		
o-Xylene	25.2		µg/l		20.0		126	70-130		
Tetrahydrofuran	19.9		µg/l		20.0		99.5	70-130		
Ethyl ether	19.7		µg/l		20.0		98.5	61.2-127		
Tert-amyl methyl ether	24.4		µg/l		20.0		122	70-130		
Ethyl tert-butyl ether	16.5		µg/l		20.0		82.5	70-130		
Di-isopropyl ether	19.6		µg/l		20.0		98.0	70-130		
Tert-Butanol / butyl alcohol	177		µg/l		200		88.5	70-130		
1,4-Dioxane	180		µg/l		200		90.0	43.3-143		
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/l		*30.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*29.5*		µg/l		*30.0*		*98.3*	*70-130*		
LCS Dup (6110620-BSD1)										
Prepared & Analyzed: 08-Nov-06										
1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/l		20.0		97.0	70-130	9.80	25
Acetone	19.8		µg/l		20.0		99.0	28.5-162	1.02	50
Acrylonitrile	22.5		µg/l		20.0		112	70-130	0.889	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
LCS Dup (6110620-BSD1)										
Prepared & Analyzed: 08-Nov-06										
Benzene	20.9		µg/l		20.0		104	70-130	5.61	25
Bromobenzene	23.1		µg/l		20.0		116	70-130	5.04	25
Bromochloromethane	21.5		µg/l		20.0		108	70-130	3.64	25
Bromodichloromethane	21.4		µg/l		20.0		107	70-130	4.57	25
Bromoform	21.9		µg/l		20.0		110	70-130	1.80	25
Bromomethane	19.5		µg/l		20.0		97.5	43.9-144	6.45	50
2-Butanone (MEK)	19.9		µg/l		20.0		99.5	46.8-144	8.19	50
n-Butylbenzene	14.3		µg/l		20.0		71.5	70-130	14.3	25
sec-Butylbenzene	20.8		µg/l		20.0		104	70-130	8.29	25
tert-Butylbenzene	21.4		µg/l		20.0		107	70-130	9.78	25
Carbon disulfide	18.0		µg/l		20.0		90.0	70-130	9.02	25
Carbon tetrachloride	23.8		µg/l		20.0		119	70-130	2.49	25
Chlorobenzene	22.1		µg/l		20.0		110	70-130	6.17	25
Chloroethane	17.0		µg/l		20.0		85.0	55.2-136	8.45	50
Chloroform	21.5		µg/l		20.0		108	70-130	4.52	25
Chloromethane	17.1		µg/l		20.0		85.5	70-130	6.78	25
2-Chlorotoluene	22.9		µg/l		20.0		114	70-130	6.78	25
4-Chlorotoluene	22.1		µg/l		20.0		110	70-130	7.02	25
1,2-Dibromo-3-chloropropane	16.6		µg/l		20.0		83.0	70-130	2.97	25
Dibromochloromethane	21.8		µg/l		20.0		109	67.9-128	1.82	50
1,2-Dibromoethane (EDB)	21.4		µg/l		20.0		107	70-130	5.45	25
Dibromomethane	21.9		µg/l		20.0		110	70-130	1.80	25
1,2-Dichlorobenzene	21.5		µg/l		20.0		108	70-130	7.14	25
1,3-Dichlorobenzene	23.6		µg/l		20.0		118	70-130	6.56	25
1,4-Dichlorobenzene	20.5		µg/l		20.0		102	70-130	8.45	25
Dichlorodifluoromethane (Freon12)	16.4		µg/l		20.0		82.0	40.8-172	5.92	50
1,1-Dichloroethane	20.4		µg/l		20.0		102	70-130	7.55	25
1,2-Dichloroethane	20.3		µg/l		20.0		102	70-130	5.71	25
1,1-Dichloroethene	19.6		µg/l		20.0		98.0	70-130	5.94	25
cis-1,2-Dichloroethene	21.2		µg/l		20.0		106	70-130	5.50	25
trans-1,2-Dichloroethene	20.2		µg/l		20.0		101	70-130	4.83	25
1,2-Dichloropropane	19.7		µg/l		20.0		98.5	70-130	5.43	25
1,3-Dichloropropane	21.0		µg/l		20.0		105	70-130	5.56	25
2,2-Dichloropropane	18.3		µg/l		20.0		91.5	70-130	4.80	25
1,1-Dichloropropene	20.2		µg/l		20.0		101	70-130	4.83	25
cis-1,3-Dichloropropene	19.8		µg/l		20.0		99.0	70-130	2.99	25
trans-1,3-Dichloropropene	20.4		µg/l		20.0		102	70-130	0.976	25
Ethylbenzene	22.8		µg/l		20.0		114	70-130	6.78	25
Hexachlorobutadiene	20.9		µg/l		20.0		104	66.3-135	10.0	50
2-Hexanone (MBK)	18.7		µg/l		20.0		93.5	70-130	0.533	25
Isopropylbenzene	22.3		µg/l		20.0		112	70-130	6.90	25
4-Isopropyltoluene	20.8		µg/l		20.0		104	70-130	8.29	25
Methyl tert-butyl ether	17.9		µg/l		20.0		89.5	70-130	3.84	25
4-Methyl-2-pentanone (MIBK)	20.0		µg/l		20.0		100	48.6-137	0.00	50
Methylene chloride	19.0		µg/l		20.0		95.0	70-130	5.13	25
Naphthalene	21.7		µg/l		20.0		108	70-130	8.85	25
n-Propylbenzene	15.6		µg/l		20.0		78.0	70-130	12.6	25
Styrene	23.1		µg/l		20.0		116	70-130	6.67	25
1,1,1,2-Tetrachloroethane	23.4		µg/l		20.0		117	70-130	5.81	25
1,1,2,2-Tetrachloroethane	20.6		µg/l		20.0		103	70-130	6.57	25
Tetrachloroethene	21.2		µg/l		20.0		106	70-130	5.50	25
Toluene	20.8		µg/l		20.0		104	70-130	5.61	25
1,2,3-Trichlorobenzene	21.9		µg/l		20.0		110	70-130	7.86	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110620 - SW846 5030 Water MS										
LCS Dup (6110620-BSD1)										
Prepared & Analyzed: 08-Nov-06										
1,2,4-Trichlorobenzene	20.9		µg/l		20.0		104	70-130	9.17	25
1,1,1-Trichloroethane	20.7		µg/l		20.0		104	70-130	3.77	25
1,1,2-Trichloroethane	22.4		µg/l		20.0		112	70-130	1.77	25
Trichloroethene	22.8		µg/l		20.0		114	70-130	3.45	25
Trichlorofluoromethane (Freon 11)	20.8		µg/l		20.0		104	57.3-141	7.41	50
1,2,3-Trichloropropane	24.6		µg/l		20.0		123	70-130	2.41	25
1,2,4-Trimethylbenzene	23.4		µg/l		20.0		117	70-130	5.00	25
1,3,5-Trimethylbenzene	22.8		µg/l		20.0		114	70-130	6.78	25
Vinyl chloride	20.7		µg/l		20.0		104	70-130	9.17	25
m,p-Xylene	48.6		µg/l		40.0		122	70-130	6.35	25
o-Xylene	23.7		µg/l		20.0		118	70-130	6.56	25
Tetrahydrofuran	19.8		µg/l		20.0		99.0	70-130	0.504	25
Ethyl ether	19.0		µg/l		20.0		95.0	61.2-127	3.62	50
Tert-amyl methyl ether	23.3		µg/l		20.0		116	70-130	5.04	25
Ethyl tert-butyl ether	16.0		µg/l		20.0		80.0	70-130	3.08	25
Di-isopropyl ether	18.8		µg/l		20.0		94.0	70-130	4.17	25
Tert-Butanol / butyl alcohol	179		µg/l		200		89.5	70-130	1.12	25
1,4-Dioxane	183		µg/l		200		91.5	43.3-143	1.65	25
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/l		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*29.3*		µg/l		*30.0*		*97.7*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*29.6*		µg/l		*30.0*		*98.7*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110226 - SW846 3005A										
Blank (6110226-BLK1)										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Zinc	BRL		mg/l	0.0380						
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Nickel	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
LCS (6110226-BS1)										
Prepared: 03-Nov-06 Analyzed: 05-Nov-06										
Selenium	0.440		mg/l	0.0150	0.500		88.0	85-115		
Lead	0.445		mg/l	0.0075	0.500		89.0	85-115		
Nickel	0.473		mg/l	0.0050	0.500		94.6	85-115		
Zinc	0.498		mg/l	0.0380	0.500		99.6	85-115		
Arsenic	0.439		mg/l	0.0040	0.500		87.8	85-115		
Copper	0.558		mg/l	0.0050	0.500		112	85-115		
Chromium	0.489		mg/l	0.0050	0.500		97.8	85-115		
Barium	0.532		mg/l	0.0050	0.500		106	85-115		
Silver	0.495		mg/l	0.0050	0.500		99.0	85-115		
Cadmium	0.471		mg/l	0.0025	0.500		94.2	85-115		
LCS Dup (6110226-BSD1)										
Prepared: 03-Nov-06 Analyzed: 05-Nov-06										
Zinc	0.518		mg/l	0.0380	0.500		104	85-115	3.94	20
Nickel	0.491		mg/l	0.0050	0.500		98.2	85-115	3.73	20
Lead	0.463		mg/l	0.0075	0.500		92.6	85-115	3.96	20
Selenium	0.455		mg/l	0.0150	0.500		91.0	85-115	3.35	20
Copper	0.586	QC1	mg/l	0.0050	0.500		117	85-115	4.90	20
Barium	0.552		mg/l	0.0050	0.500		110	85-115	3.69	20
Arsenic	0.456		mg/l	0.0040	0.500		91.2	85-115	3.80	20
Silver	0.520		mg/l	0.0050	0.500		104	85-115	4.93	20
Chromium	0.508		mg/l	0.0050	0.500		102	85-115	3.81	20
Cadmium	0.488		mg/l	0.0025	0.500		97.6	85-115	3.55	20
Duplicate (6110226-DUP1) **Source: SA53543-01**										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Nickel	BRL		mg/l	0.0050		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Zinc	0.0260	J,QR1	mg/l	0.0380		0.0379			37.2	20
Copper	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0002	J	mg/l	0.0025		0.0002			0.00	20
Barium	0.0094		mg/l	0.0050		0.0096			2.11	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	BRL		mg/l	0.0050		0.0010				20
Matrix Spike (6110226-MS1) **Source: SA53543-02**										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Zinc	0.526		mg/l	0.0380	0.500	0.0107	103	75-125		
Selenium	0.470		mg/l	0.0150	0.500	BRL	94.0	75-125		
Nickel	0.491		mg/l	0.0050	0.500	BRL	98.2	75-125		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110226 - SW846 3005A										
Matrix Spike (6110226-MS1) Source: SA53543-02										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Lead	0.458		mg/l	0.0075	0.500	BRL	91.6	75-125		
Arsenic	0.472		mg/l	0.0040	0.500	BRL	94.4	75-125		
Barium	0.586		mg/l	0.0050	0.500	0.0304	111	75-125		
Silver	0.530		mg/l	0.0050	0.500	BRL	106	75-125		
Chromium	0.522		mg/l	0.0050	0.500	BRL	104	75-125		
Copper	0.606		mg/l	0.0050	0.500	BRL	121	75-125		
Cadmium	0.488		mg/l	0.0025	0.500	BRL	97.6	75-125		
Matrix Spike Dup (6110226-MSD1) Source: SA53543-02										
Prepared: 03-Nov-06 Analyzed: 04-Nov-06										
Nickel	0.463		mg/l	0.0050	0.500	BRL	92.6	75-125	5.87	20
Zinc	0.502		mg/l	0.0380	0.500	0.0107	98.3	75-125	4.67	20
Selenium	0.450		mg/l	0.0150	0.500	BRL	90.0	75-125	4.35	20
Lead	0.435		mg/l	0.0075	0.500	BRL	87.0	75-125	5.15	20
Silver	0.506		mg/l	0.0050	0.500	BRL	101	75-125	4.63	20
Barium	0.550		mg/l	0.0050	0.500	0.0304	104	75-125	6.34	20
Chromium	0.492		mg/l	0.0050	0.500	BRL	98.4	75-125	5.92	20
Arsenic	0.452		mg/l	0.0040	0.500	BRL	90.4	75-125	4.33	20
Cadmium	0.464		mg/l	0.0025	0.500	BRL	92.8	75-125	5.04	20
Copper	0.574		mg/l	0.0050	0.500	BRL	115	75-125	5.42	20
Post Spike (6110226-PS1) Source: SA53543-02										
Prepared: 03-Nov-06 Analyzed: 05-Nov-06										
Nickel	0.468		mg/l	0.0050	0.500	BRL	93.6	80-120		
Selenium	0.454		mg/l	0.0150	0.500	BRL	90.8	80-120		
Zinc	0.508		mg/l	0.0380	0.500	0.0107	99.5	80-120		
Lead	0.439		mg/l	0.0075	0.500	BRL	87.8	80-120		
Chromium	0.494		mg/l	0.0050	0.500	BRL	98.8	80-120		
Cadmium	0.468		mg/l	0.0025	0.500	BRL	93.6	80-120		
Silver	0.494		mg/l	0.0050	0.500	BRL	98.8	80-120		
Barium	0.558		mg/l	0.0050	0.500	0.0304	106	80-120		
Arsenic	0.456		mg/l	0.0040	0.500	BRL	91.2	80-120		
Copper	0.570		mg/l	0.0050	0.500	BRL	114	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6110227 - EPA200/SW7000 Series										
Blank (6110227-BLK1)										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	BRL		mg/l	0.00020						
LCS (6110227-BS1)										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	0.00272		mg/l	0.00020	0.00250		109	80-120		
Duplicate (6110227-DUP1) **Source: SA53561-03**										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (6110227-MS1) **Source: SA53561-04**										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	0.00271		mg/l	0.00020	0.00250	BRL	108	75-125		
Matrix Spike Dup (6110227-MSD1) **Source: SA53561-04**										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	0.00246		mg/l	0.00020	0.00250	BRL	98.4	75-125	9.67	20
Post Spike (6110227-PS1) **Source: SA53561-04**										
Prepared: 03-Nov-06 Analyzed: 06-Nov-06										
Mercury	0.00253		mg/l	0.00020	0.00250	BRL	101	75-125		

Notes and Definitions

FP	Field Preserved
QC1	Analyte out of acceptance range.
QR1	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.
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

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

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. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA **Client:** Loureiro Engineering Associates - Plainv

Project Location: MacDermid - Waterbury, CT **Project Number:** 91MH603.002

Sampling Date(s):
31-Oct-06

Laboratory Sample ID(s):
SA53561-01 through SA53561-17

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	☑ Yes ☐ No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4° C ± 2°)? If no, the attached narrative should include any explanation as to acceptability of samples received at other temperatures.	☐ Yes ☑ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits specified on the chain-of-custody met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific QC samples included in this data set?	☑ Yes ☐ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1 is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 11/8/2006

SA 53561 DM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: Jamie Jarvis
LEA
100 Northwest Drive
Plainville, CT
Project Mgr.: TOM SALIMENO

Invoice To: LEA WO# 00157723
100 Northwest Drive
Plainville, CT
P.O. No.: 1021606 per S.S. RQN: _____

Project No.: 91 MH 603.002
Site Name: Macdermid
Location: Waterbury State: CT
Sampler(s): D. Burt, Ryder, Chmielecki

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: LCK's	RCRA 8 METALS Cr, Ni, Zn	QA Reporting Notes:
53561-01	1187395	10/31/06	12:30	G	GW	9,2	3				X		
↓	1187395	10/31/06	12:30	G	GW	9,4	~~3~~			1		X	Hold
02	1187394	10/31/06	9:55	G	GW	9,2	3				X		
03	1187395 vf	10/31/06	12:30	G	GW	9,4				1		X	
04	1187394 vf	10/31/06	9:55	G	GW	9,4				1		X	
05	1187387	10/31/06	11:50	G	GW	9,2	3				X		
↓	1187387	10/31/06	11:50	G	GW	9,4	~~3~~			1		X	Hold
06	1187387vf	10/31/06	11:50	G	GW	9,4	~~3~~			1		X	
07	1187386	10/31/06	9:40	G	GW	9,2	3				X		
↓ 08	1187386 vf	10/31/06	9:40	G	GW	9,4				1		X	

QA Reporting Notes (check if needed):
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☒ Standard ☐ No QC
- ☐ Other _____

State specific reporting standards: GA, residential

- ☐ Fax results when available to (____) _____
- ☒ E-mail to JJarris@loureiro.com
- EDD Format LEA
- Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 7.1 Fridge

Relinquished by:	Received by:	Date:	Time:
	LEA Fridge	10/31/06	1500
LEA Fridge		11/1/06	11:40
		11/1/06	11:40
		11-1-06	150

SA53561 BM

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: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Jamie Jarvis
LEA
100 Northwest Drive
Plainville, CT

Project Mgr.: TOM SALIMENO

Invoice To: LEA
100 Northwest Drive
Plainville, CT

P.O. No.: _____ RQN: _____

Project No.: 91MH603.002
Site Name: Macdermid
Location: Waterbury State: CT
Sampler(s): Dippert, Ryder, Chmielecki

1=Na_2S2O_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: VOC's	Metals RCRA8 Cu,Ni,Zn	QA Reporting Notes:
53561-09	1187388	10/31/06	13:55	G	GW	2,9	3				X		
10	1187388 lf	10/31/06	13:55	G	GW	4,9				1		X	
11	1187389	10/31/06	9:45	G	GW	2,9	3				X		
12	1187389 lf	10/31/06	9:45	G	GW	4,9				1		X	
13	1187390	10/31/06	11:50	G	GW	4,9				1		X	Hold
↓	1187390	10/31/06	11:50	G	GW	2,9	3				X		
14	1187390 lf	10/31/06	11:50	G	GW	4,9				1		X	
15	1187391	10/31/06	13:30	G	GW	2,9	3				X		
16	1187391 lf	10/31/06	13:30	G	GW	4,9				1		X	
↓	1187402	10/31/06	8:40	G	GW	2,9	1				X		

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☒ Standard ☐ No QC
- ☐ Other _____

State specific reporting standards: GA, residential

- ☐ Fax results when available to (____) _____
- ☒ E-mail to JLJarvis@loureiro.com
- EDD Format LEA
- Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 7.1

Relinquished by:	Received by:	Date:	Time:
LEA Fridge	LEA fridge	10/31/06	1500
		11/1/06	11:40
		11/1/06	11:40
		11-1-06	150

Friday

Report Date:
08-Mar-07 14:14

☐ Final Report
☐ Re-Issued Report
☑ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: C.Venable

Project: McDermid - Waterbury, CT
Project 91MH603.001

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA58200-01	1197387	Ground Water	13-Feb-07 15:10	15-Feb-07 16:09
SA58200-02	1197387uf	Ground Water	13-Feb-07 15:10	15-Feb-07 16:09
SA58200-03	1197386	Ground Water	13-Feb-07 13:20	15-Feb-07 16:09
SA58200-04	1197386uf	Ground Water	13-Feb-07 13:20	15-Feb-07 16:09
SA58200-05	1197388	Ground Water	13-Feb-07 10:20	15-Feb-07 16:09
SA58200-06	1197388uf	Ground Water	13-Feb-07 10:20	15-Feb-07 16:09
SA58200-07	1197391	Ground Water	13-Feb-07 14:40	15-Feb-07 16:09
SA58200-08	1197391uf	Ground Water	13-Feb-07 14:40	15-Feb-07 16:09

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met
Please note that this report contains 24 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

MAR 21 2007

CT RCP CASE NARRATIVE:

The data set for work order SA58200 complies with internal QC criteria for the methods performed

he samples were received @ 3.7 degrees Celsius. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol(RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

Trans-1,4-Dichloro-2-butene for 8260, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for 8270 full, which are identified in the method specific analyte lists presented in the Reasonable Confidence Protocol(RCP) documents are not included in the analyte lists provided in this report. The following analytes identified in the CTDEP RCP method specific analyte list for Air Method TO-15 will not be included in this report: Acrylonitrile, n-Butylbenzene, sec-Butylbenzene, 1,3-Dichlorobenzene, Isopropylbenzene (Cumeme), 4-Isopropyltoluene and 1,1,1,2-Tetrachloroethane.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult. Although they may still be within the commended 70%-130% recovery range, a range has been set based on historical control limits. Please refer to "Notes and Definitions" for all sample/analyte qualifiers. Qualifiers will narrate any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197387 SA58200-01	91MH603.001	Ground Water	13-Feb-07 15:10	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	20-Feb-07	21-Feb-07	7021084	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1197387 SA58200-01	91MH603.001	Ground Water	13-Feb-07 15:10	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	20-Feb-07	21-Feb-07	7021084	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*90*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197387uf SA58200-02	91MH603.001	Ground Water	13-Feb-07 15:10	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	21-Feb-07	22-Feb-07	7021026	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0407		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	21-Feb-07	22-Feb-07	7021027	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197386 SA58200-03	91MH603.001	Ground Water	13-Feb-07 13:20	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	20-Feb-07	21-Feb-07	7021084	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	1.9		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	7.3		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197386	91MH603.001	Ground Water	13-Feb-07 13:20	15-Feb-07
SA58200-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	20-Feb-07	21-Feb-07	7021084	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	1.2		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	7.3		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*89*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197386uf SA58200-04	91MH603.001	Ground Water	13-Feb-07 13:20	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	21-Feb-07	22-Feb-07	7021026	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0616		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	21-Feb-07	22-Feb-07	7021027	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197388 SA58200-05	91MH603.001	Ground Water	13-Feb-07 10:20	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	20-Feb-07	21-Feb-07	7021084	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197388	91MH603.001	Ground Water	13-Feb-07 10:20	15-Feb-07
SA58200-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	20-Feb-07	21-Feb-07	7021084	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	3.5		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*91*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197388uf SA58200-06	91MH603.001	Ground Water	13-Feb-07 10:20	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	21-Feb-07	22-Feb-07	7021026	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0148		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0100		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	21-Feb-07	22-Feb-07	7021027	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197391 SA58200-07	91MH603.001	Ground Water	13-Feb-07 14:40	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	20-Feb-07	21-Feb-07	7021084	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	1.0		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197391 SA58200-07	91MH603.001	Ground Water	13-Feb-07 14:40	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	20-Feb-07	21-Feb-07	7021084	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*92*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197391uf SA58200-08	91MH603.001	Ground Water	13-Feb-07 14:40	15-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	21-Feb-07	22-Feb-07	7021026	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.122		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0300	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	21-Feb-07	22-Feb-07	7021027	YP

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021084 - SW846 5030 Water MS										
Blank (7021084-BLK1)										
Prepared & Analyzed: 20-Feb-07										
1 1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021084 - SW846 5030 Water MS										
Blank (7021084-BLK1)										
Prepared & Analyzed: 20-Feb-07										
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.2*		µg/l		*50.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*52.4*		µg/l		*50.0*		*105*	*70-130*		
LCS (7021084-BS1)										
Prepared & Analyzed: 20-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.5		µg/l		20.0		92	70-130		
Acetone	15.3		µg/l		20.0		76	32.4-154		
Acrylonitrile	17.4		µg/l		20.0		87	70-130		
Benzene	20.6		µg/l		20.0		103	70-130		
Bromobenzene	24.4		µg/l		20.0		122	70-130		
Bromochloromethane	22.0		µg/l		20.0		110	70-130		
Bromodichloromethane	19.2		µg/l		20.0		96	70-130		
Bromoform	23.0		µg/l		20.0		115	70-130		
Bromomethane	18.7		µg/l		20.0		94	57.6-150		
2-Butanone (MEK)	14.4		µg/l		20.0		72	46.5-137		
n-Butylbenzene	16.6		µg/l		20.0		83	70-130		
sec-Butylbenzene	19.4		µg/l		20.0		97	70-130		
tert-Butylbenzene	20.6		µg/l		20.0		103	70-130		
Carbon disulfide	18.0		µg/l		20.0		90	70-130		
Carbon tetrachloride	17.0		µg/l		20.0		85	70-130		
Chlorobenzene	23.7		µg/l		20.0		118	70-130		
Chloroethane	18.9		µg/l		20.0		94	57.6-143		
Chloroform	19.6		µg/l		20.0		98	70-130		
Chloromethane	23.4		µg/l		20.0		117	70-130		
2-Chlorotoluene	23.3		µg/l		20.0		116	70-130		
4-Chlorotoluene	22.4		µg/l		20.0		112	70-130		
1,2-Dibromo-3-chloropropane	16.4		µg/l		20.0		82	70-130		
Dibromochloromethane	19.9		µg/l		20.0		100	62.5-139		
,2-Dibromoethane (EDB)	20.3		µg/l		20.0		102	70-130		
Dibromomethane	19.7		µg/l		20.0		98	70-130		
1,2-Dichlorobenzene	22.8		µg/l		20.0		114	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021084 - SW846 5030 Water MS										
LCS (7021084-BS1)										
Prepared & Analyzed: 20-Feb-07										
1,3-Dichlorobenzene	23.6		µg/l		20.0		118	70-130		
1,4-Dichlorobenzene	21.3		µg/l		20.0		106	70-130		
D chlorodifluoromethane (Freon12)	20.0		µg/l		20.0		100	34.6-198		
1,1-Dichloroethane	19.3		µg/l		20.0		96	70-130		
1,2-Dichloroethane	18.7		µg/l		20.0		94	70-130		
1,1-Dichloroethene	19.2		µg/l		20.0		96	70-130		
cis-1,2-Dichloroethene	21.9		µg/l		20.0		110	70-130		
trans-1,2-Dichloroethene	20.2		µg/l		20.0		101	70-130		
1,2-Dichloropropane	19.0		µg/l		20.0		95	70-130		
1,3-Dichloropropane	19.5		µg/l		20.0		98	70-130		
2,2-Dichloropropane	15.7		µg/l		20.0		78	70-130		
1,1-Dichloropropene	17.8		µg/l		20.0		89	70-130		
cis-1,3-Dichloropropene	20.6		µg/l		20.0		103	70-130		
trans-1,3-Dichloropropene	16.9		µg/l		20.0		84	70-130		
Ethylbenzene	22.1		µg/l		20.0		110	70-130		
Hexachlorobutadiene	19.5		µg/l		20.0		98	63.4-142		
2-Hexanone (MBK)	14.4		µg/l		20.0		72	70-130		
Isopropylbenzene	21.0		µg/l		20.0		105	70-130		
4-Isopropyltoluene	19.6		µg/l		20.0		98	70-130		
Methyl tert-butyl ether	18.7		µg/l		20.0		94	70-130		
4-Methyl-2-pentanone (MIBK)	15.6		µg/l		20.0		78	51-135		
Methylene chloride	*18.7*		*µg/l*		*20.0*		*94*	*70-130*		
Naphthalene	20.0		µg/l		20.0		100	70-130		
n-Propylbenzene	20.1		µg/l		20.0		100	70-130		
Styrene	22.6		µg/l		20.0		113	70-130		
1,1,1,2-Tetrachloroethane	24.1		µg/l		20.0		120	70-130		
1,1,2,2-Tetrachloroethane	21.9		µg/l		20.0		110	70-130		
Tetrachloroethene	20.4		µg/l		20.0		102	70-130		
Toluene	20.2		µg/l		20.0		101	70-130		
1,2,3-Trichlorobenzene	22.7		µg/l		20.0		114	70-130		
1,2,4-Trichlorobenzene	21.3		µg/l		20.0		106	70-130		
1 1,1-Trichloroethane	18.3		µg/l		20.0		92	70-130		
1,1,2-Trichloroethane	*20.8*		*µg/l*		*20.0*		*104*	*70-130*		
Trichloroethene	20.6		µg/l		20.0		103	70-130		
Trichlorofluoromethane (Freon 11)	17.0		µg/l		20.0		85	63.2-153		
1,2,3-Trichloropropane	22.8		µg/l		20.0		114	70-130		
1,2,4-Trimethylbenzene	22.0		µg/l		20.0		110	70-130		
1,3,5-Trimethylbenzene	21.4		µg/l		20.0		107	70-130		
Vinyl chloride	23.2		µg/l		20.0		116	70-130		
m,p-Xylene	45.8		µg/l		40.0		114	70-130		
o-Xylene	24.4		µg/l		20.0		122	70-130		
Tetrahydrofuran	15.5		µg/l		20.0		78	70-130		
Ethyl ether	19.5		µg/l		20.0		98	57.2-135		
Tert-amyl methyl ether	*16.1*		*µg/l*		*20.0*		*80*	*70-130*		
Ethyl tert-butyl ether	18.9		µg/l		20.0		94	70-130		
Di-isopropyl ether	16.7		µg/l		20.0		84	70-130		
Tert-Butanol / butyl alcohol	160		µg/l		200		80	70-130		
1,4-Dioxane	168		µg/l		200		84	41.5-136		
Surrogate: 4-Bromofluorobenzene	*52.1*		*µg/l*		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*49.7*		*µg/l*		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.3*		*µg/l*		*50.0*		*87*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		*µg/l*		*50.0*		*102*	*70-130*		
LCS Dup (7021084-BSD1)										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021084 - SW846 5030 Water MS										
Prepared & Analyzed: 20-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.0		µg/l		20.0		85	70-130	8	25
Acetone	15.1		µg/l		20.0		76	32.4-154	0	50
Acrylonitrile	17.3		µg/l		20.0		86	70-130	1	25
Benzene	19.5		µg/l		20.0		98	70-130	5	25
Bromobenzene	23.4		µg/l		20.0		117	70-130	4	25
Bromochloromethane	21.3		µg/l		20.0		106	70-130	4	25
Bromodichloromethane	19.3		µg/l		20.0		96	70-130	0	25
Bromoform	22.4		µg/l		20.0		112	70-130	3	25
Bromomethane	17.9		µg/l		20.0		90	57.6-150	4	50
2-Butanone (MEK)	14.1		µg/l		20.0		70	46.5-137	3	50
n-Butylbenzene	15.4		µg/l		20.0		77	70-130	8	25
sec-Butylbenzene	18.1		µg/l		20.0		90	70-130	7	25
tert-Butylbenzene	19.2		µg/l		20.0		96	70-130	7	25
Carbon disulfide	16.3		µg/l		20.0		82	70-130	9	25
Carbon tetrachloride	16.0		µg/l		20.0		80	70-130	6	25
Chlorobenzene	22.5		µg/l		20.0		112	70-130	5	25
Chloroethane	18.3		µg/l		20.0		92	57.6-143	2	50
Chloroform	18.9		µg/l		20.0		94	70-130	4	25
Chloromethane	21.5		µg/l		20.0		108	70-130	8	25
2-Chlorotoluene	21.8		µg/l		20.0		109	70-130	6	25
4-Chlorotoluene	21.5		µg/l		20.0		108	70-130	4	25
1,2-Dibromo-3-chloropropane	16.5		µg/l		20.0		82	70-130	0	25
Dibromochloromethane	19.8		µg/l		20.0		99	62.5-139	1	50
1,2-Dibromoethane (EDB)	20.0		µg/l		20.0		100	70-130	2	25
Dibromomethane	19.1		µg/l		20.0		96	70-130	2	25
1,2-Dichlorobenzene	21.5		µg/l		20.0		108	70-130	5	25
1,3-Dichlorobenzene	23.0		µg/l		20.0		115	70-130	3	25
1,4-Dichlorobenzene	20.5		µg/l		20.0		102	70-130	4	25
Dichlorodifluoromethane (Freon12)	18.0		µg/l		20.0		90	34.6-198	11	50
1,1-Dichloroethane	18.0		µg/l		20.0		90	70-130	6	25
1,2-Dichloroethane	18.3		µg/l		20.0		92	70-130	2	25
1,1-Dichloroethene	18.0		µg/l		20.0		90	70-130	6	25
cis-1,2-Dichloroethene	20.6		µg/l		20.0		103	70-130	7	25
trans-1,2-Dichloroethene	18.6		µg/l		20.0		93	70-130	8	25
1,2-Dichloropropane	18.6		µg/l		20.0		93	70-130	2	25
1,3-Dichloropropane	19.3		µg/l		20.0		96	70-130	2	25
2,2-Dichloropropane	14.3		µg/l		20.0		72	70-130	8	25
1,1-Dichloropropene	16.7		µg/l		20.0		84	70-130	6	25
cis-1,3-Dichloropropene	19.9		µg/l		20.0		100	70-130	3	25
trans-1,3-Dichloropropene	17.1		µg/l		20.0		86	70-130	2	25
Ethylbenzene	20.6		µg/l		20.0		103	70-130	7	25
Hexachlorobutadiene	18.0		µg/l		20.0		90	63.4-142	9	50
2-Hexanone (MBK)	14.3		µg/l		20.0		72	70-130	0	25
Isopropylbenzene	19.6		µg/l		20.0		98	70-130	7	25
4-Isopropyltoluene	18.3		µg/l		20.0		92	70-130	6	25
Methyl tert-butyl ether	18.2		µg/l		20.0		91	70-130	3	25
4-Methyl-2-pentanone (MIBK)	15.9		µg/l		20.0		80	51-135	3	50
Methylene chloride	18.2		µg/l		20.0		91	70-130	3	25
Naphthalene	19.3		µg/l		20.0		96	70-130	4	25
n-Propylbenzene	18.7		µg/l		20.0		94	70-130	6	25
Styrene	21.5		µg/l		20.0		108	70-130	5	25
1,1,1,2-Tetrachloroethane	22.7		µg/l		20.0		114	70-130	5	25
1,1,2,2-Tetrachloroethane	21.2		µg/l		20.0		106	70-130	4	25
Tetrachloroethene	19.1		µg/l		20.0		96	70-130	6	25
Toluene	19.0		µg/l		20.0		95	70-130	6	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021084 - SW846 5030 Water MS										
LCS Dup (7021084-BSD1)										
Prepared & Analyzed: 20-Feb-07										
1,2,3-Trichlorobenzene	20.9		µg/l		20.0		104	70-130	9	25
1,2,4-Trichlorobenzene	20.2		µg/l		20.0		101	70-130	5	25
1,1,1-Trichloroethane	16.7		µg/l		20.0		84	70-130	9	25
1,1,2-Trichloroethane	19.9		µg/l		20.0		100	70-130	4	25
Trichloroethene	19.0		µg/l		20.0		95	70-130	8	25
Trichlorofluoromethane (Freon 11)	15.8		µg/l		20.0		79	63.2-153	7	50
1,2,3-Trichloropropane	23.0		µg/l		20.0		115	70-130	0.9	25
1,2,4-Trimethylbenzene	20.9		µg/l		20.0		104	70-130	6	25
1,3,5-Trimethylbenzene	20.2		µg/l		20.0		101	70-130	6	25
Vinyl chloride	21.3		µg/l		20.0		106	70-130	9	25
m,p-Xylene	43.7		µg/l		40.0		109	70-130	4	25
o-Xylene	23.1		µg/l		20.0		116	70-130	5	25
Tetrahydrofuran	15.6		µg/l		20.0		78	70-130	0	25
Ethyl ether	18.9		µg/l		20.0		94	57.2-135	4	50
Tert-amyl methyl ether	15.8		µg/l		20.0		79	70-130	1	25
Ethyl tert-butyl ether	18.4		µg/l		20.0		92	70-130	2	25
Di-isopropyl ether	16.2		µg/l		20.0		81	70-130	4	25
Tert-Butanol / butyl alcohol	165		µg/l		200		82	70-130	2	25
1,4-Dioxane	150		µg/l		200		75	41.5-136	11	25
Surrogate: 4-Bromofluorobenzene	*52.4*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*42.9*		µg/l		*50.0*		*86*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Matrix Spike (7021084-MS1) **Source: SA58154-01**										
Prepared: 20-Feb-07 Analyzed: 21-Feb-07										
Benzene	18.2		µg/l		20.0	BRL	91	70-130		
Chlorobenzene	22.6		µg/l		20.0	BRL	113	70-130		
1,1-Dichloroethene	21.2		µg/l		20.0	BRL	106	70-130		
Toluene	19.2		µg/l		20.0	BRL	96	70-130		
Trichloroethene	19.7		µg/l		20.0	BRL	98	70-130		
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.4*		µg/l		*50.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Matrix Spike Dup (7021084-MSD1) **Source: SA58154-01**										
Prepared: 20-Feb-07 Analyzed: 21-Feb-07										
Benzene	18.4		µg/l		20.0	BRL	92	70-130	1	30
Chlorobenzene	22.9		µg/l		20.0	BRL	114	70-130	0.9	30
1,1-Dichloroethene	21.9		µg/l		20.0	BRL	110	70-130	4	30
Toluene	19.4		µg/l		20.0	BRL	97	70-130	1	30
Trichloroethene	20.1		µg/l		20.0	BRL	100	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.5*		µg/l		*50.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*51.1*		µg/l		*50.0*		*102*	*70-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021026 - SW846 3005A										
Blank (7021026-BLK1)										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Nickel	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0150						
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.0300						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
LCS (7021026-BS1)										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Nickel	0.461		mg/l	0.0050	0.500		92	85-115		
Zinc	0.512		mg/l	0.0300	0.500		102	85-115		
Lead	0.472		mg/l	0.0150	0.500		94	85-115		
Selenium	0.449		mg/l	0.0150	0.500		90	85-115		
Copper	0.501		mg/l	0.0050	0.500		100	85-115		
Cadmium	0.480		mg/l	0.0025	0.500		96	85-115		
Barium	0.488		mg/l	0.0050	0.500		98	85-115		
Arsenic	0.455		mg/l	0.0040	0.500		91	85-115		
Silver	0.468		mg/l	0.0050	0.500		94	85-115		
Chromium	0.459		mg/l	0.0050	0.500		92	85-115		
LCS Dup (7021026-BSD1)										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Nickel	0.452		mg/l	0.0050	0.500		90	85-115	2	20
Zinc	0.503		mg/l	0.0300	0.500		101	85-115	2	20
Selenium	0.440		mg/l	0.0150	0.500		88	85-115	2	20
Lead	0.463		mg/l	0.0150	0.500		93	85-115	2	20
Chromium	0.449		mg/l	0.0050	0.500		90	85-115	2	20
Cadmium	0.470		mg/l	0.0025	0.500		94	85-115	2	20
Barium	0.482		mg/l	0.0050	0.500		96	85-115	1	20
Arsenic	0.449		mg/l	0.0040	0.500		90	85-115	1	20
Silver	0.456		mg/l	0.0050	0.500		91	85-115	3	20
Copper	0.489		mg/l	0.0050	0.500		98	85-115	2	20
Duplicate (7021026-DUP1) **Source: SA58200-02**										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Nickel	BRL		mg/l	0.0050		BRL				20
Zinc	0.0176	J	mg/l	0.0300		0.0200			13	20
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	0.0111	J	mg/l	0.0150		0.0102			8	20
Silver	BRL		mg/l	0.0050		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Barium	0.0402		mg/l	0.0050		0.0407			1	20
Chromium	BRL		mg/l	0.0050		BRL				20
Copper	BRL		mg/l	0.0050		0.0013				20
Matrix Spike (7021026-MS1) **Source: SA58200-04**										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Selenium	0.455		mg/l	0.0150	0.500	BRL	91	75-125		
Nickel	0.458		mg/l	0.0050	0.500	BRL	92	75-125		
Lead	0.477		mg/l	0.0150	0.500	0.0114	93	75-125		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021026 - SW846 3005A										
Matrix Spike (7021026-MS1) **Source: SA58200-04**										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Zinc	0.522		mg/l	0.0300	0.500	0.0257	99	75-125		
Copper	0.509		mg/l	0.0050	0.500	0.0024	101	75-125		
Silver	0.477		mg/l	0.0050	0.500	BRL	95	75-125		
Cadmium	0.479		mg/l	0.0025	0.500	BRL	96	75-125		
Barium	0.548		mg/l	0.0050	0.500	0.0616	97	75-125		
Arsenic	0.463		mg/l	0.0040	0.500	BRL	93	75-125		
Chromium	0.463		mg/l	0.0050	0.500	BRL	93	75-125		
Matrix Spike Dup (7021026-MSD1) **Source: SA58200-04**										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Zinc	0.512		mg/l	0.0300	0.500	0.0257	97	75-125	2	20
Selenium	0.452		mg/l	0.0150	0.500	BRL	90	75-125	0.7	20
Nickel	0.452		mg/l	0.0050	0.500	BRL	90	75-125	1	20
Lead	0.468		mg/l	0.0150	0.500	0.0114	91	75-125	2	20
Cadmium	0.472		mg/l	0.0025	0.500	BRL	94	75-125	1	20
Chromium	0.457		mg/l	0.0050	0.500	BRL	91	75-125	1	20
Copper	0.500		mg/l	0.0050	0.500	0.0024	100	75-125	2	20
Arsenic	0.461		mg/l	0.0040	0.500	BRL	92	75-125	0.4	20
Silver	0.469		mg/l	0.0050	0.500	BRL	94	75-125	2	20
Barium	0.544		mg/l	0.0050	0.500	0.0616	96	75-125	0.7	20
Post Spike (7021026-PS1) **Source: SA58200-04**										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Selenium	0.456		mg/l	0.0150	0.500	BRL	91	80-120		
Lead	0.475		mg/l	0.0150	0.500	0.0114	93	80-120		
Zinc	0.522		mg/l	0.0300	0.500	0.0257	99	80-120		
Nickel	0.456		mg/l	0.0050	0.500	BRL	91	80-120		
Chromium	0.461		mg/l	0.0050	0.500	BRL	92	80-120		
Cadmium	0.476		mg/l	0.0025	0.500	BRL	95	80-120		
Barium	0.551		mg/l	0.0050	0.500	0.0616	98	80-120		
Arsenic	0.465		mg/l	0.0040	0.500	BRL	93	80-120		
Silver	0.449		mg/l	0.0050	0.500	BRL	90	80-120		
Copper	0.506		mg/l	0.0050	0.500	0.0024	101	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021027 - EPA200/SW7000 Series										
Blank (7021027-BLK1)										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Mercury	BRL		mg/l	0.00020						
LCS (7021027-BS1)										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Mercury	0.00232		mg/l	0.00020	0.00250		93	85-115		
Duplicate (7021027-DUP1) **Source: SA58200-06**										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Mercury	0.00032	QR1	mg/l	0.00020		0.00010			105	20
Matrix Spike (7021027-MS1) **Source: SA58200-08**										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Mercury	0.00246		mg/l	0.00020	0.00250	BRL	98	75-125		
Matrix Spike Dup (7021027-MSD1) **Source: SA58200-08**										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Mercury	0.00253		mg/l	0.00020	0.00250	BRL	101	75-125	3	20
Post Spike (7021027-PS1) **Source: SA58200-08**										
Prepared: 21-Feb-07 Analyzed: 22-Feb-07										
Mercury	0.00260		mg/l	0.00020	0.00250	BRL	104	85-115		

Notes and Definitions

FP	Field Preserved
QR1	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.
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

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC

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 with99% 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 For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA
Client: Loureiro Engineering Associates - Plainv

Project Location: McDermid - Waterbury, CT
Project Number: 91MH603.001

Sampling Date(s):
13-Feb-07

Laboratory Sample ID(s):
SA58200-01 through SA58200-08

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	☑ Yes ☐ No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4° C ± 2°)? If no, the attached narrative should include any explanation as to acceptability of samples received at other temperatures	☑ Yes ☐ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits specified on the chain-of-custody met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific QC samples included in this data set?	☑ Yes ☐ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1 is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 3/8/2007

03/05/2007 09:35 8607479330 LCI, INC PAGE 04/08

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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: C. Venable
Project Mgr.: T. Sclimeno

Invoice To: LEA
747-6181
P.O. No.: 1019 RQN: ____

Project No.: 91MH603.001
Site Name: McDermid
Location: Waterbury State: CT
Sampler(s): D. Ryder, K. Valkert, J. Rucair

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

Containers: # of VOA Vials | # of Amber Glass | # of Clear Glass | # of Plastic
Analyses: Volatiles 8260 | Metals (Ni, Cu, Zn)

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level: ☐ Standard ☐ No QC ☐ Other: ____
State-specific reporting standards: ____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Volatiles 8260	Metals (Ni, Cu, Zn)	Notes
01	1197387	2/13/07	15:10	G	GW	2	3				X		
01	1197387		15:10	G	GW	4				1		X	HOLD
02	1197387f		15:10	G	GW	4				1		X	Add Cu,Ni+Zn CV 3/1/07
03	1197386		13:20	G	GW	2	3				X		
03	1197386	SW	13:20	G	GW	4				1		X	HOLD
04	1197386f		13:20	G	GW	4				1		X	Add Cu,Ni,+Zn CV 3/1/07
05	1197385		10:20	G	GW	2	3				X		
05	1197385		10:20	G	GW	4				1		X	HOLD
06	1197385f		10:20	G	GW	4				1		X	Add Cu,Ni+Zn CV 3/1/07
07	1197391		14:40	G	GW	2	3				X		

☐ Fax results when available to (___) ____
☒ E-mail to cvenable@aurora.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 3.7

Relinquished by:	Received by:	Date:	Time:
1	LEA Fridge	2/13/07	17:30
		2-15-07	1145
		2/16/07	1609

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SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 2 of 2

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All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes. Samples disposed of after 60 days unless otherwise instructed.

Report To: C. Venable
Project Mgr.: T. Salinas

Invoice To: LEA
747-6181
P.O. No.: 1019 RQN: ____

Project No.: 9LM4603.001
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): D. Ryder, K. Volkert, J. Ducart

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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Metals RCRA	Analyses:	QA Reporting Notes: (check if needed)
8200-07	1197391	2/13/07	14:40	G	GW	4				1			HOLD
08	1197391uf	2/13/07	14:40	G	GW	4				1	✓	Add Cu, Ni + Zn	CV 3/1/07

QA Reporting Notes:
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other ____
State specific reporting standards: ____

See phone

☐ Fax results when available to (____) ____
☒ E-mail to clvenable@louceiro.com
EDD Format LEA
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 3.7

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA FRIDGE	2/13/07	17:40
Jamie R. Jones	[signature]	2-15-07	1140
[signature]	[signature]	2-15-07	1609

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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: C. Venable

Project Mgr.: T. Salimeno

Invoice To: LEA
747-6181
M#7002440

P.O. No.: 1019 RQN:

Project No.: 91MH603.001
Site Name: McDermid
Location: Waterbury State: CT
Sampler(s): D. Ryder, K. Volkert, J. Rancourt

1=Na_2S2O_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

Containers: Analyses:

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other____
State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Voc's 8260	Metals RCRA 8							QA Reporting Notes
SA58200-01	1197387	2/13/07	15:10	G	GW	2	3					x								
01	1197387		15:10	G	GW	4				1			x							HOLD
02	1197387f		15:10	G	GW	4				1			x							
03	1197386		13:20	G	GW	2	3					x								
03	1197386		13:20	G	GW	4				1			x							HOLD
04	1197386f		13:20	G	GW	4				1			x							
05	1197388		10:20	G	GW	2	3					x								
05	1197388		10:20	G	GW	4				1			x							HOLD
06	1197388f		10:20	G	GW	4				1			x							
07	1197391		14:40	G	GW	2	3					x								See phone log

☐ Fax results when available to (____)
☒ E-mail to clvenable@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 3.7

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	2/13/07	17:40
[signature]	[signature]	2-15-07	1140
[signature]	[signature]	2/15/07	1609

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CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
- [x] 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: C. Venable

Invoice To: LEA
747-6181

Project No.: 91M4603.001
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): D. Ryder, K. Volkert, J. Ruocco

Project Mgr.: T. Salimno

P.O. No.: 1019 RQN: _____

1=Na_2S2O_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: Metals RCRA8	QA Reporting Notes: (check if needed)
SAS 8200-07	119739	2/13/07	14:40	G	GW	4				1		HOLD
08	119739 Lf	2/13/07	14:40	G	GW	4				1	✓	

See phone log

QA Reporting Notes (check if needed):
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DPH RCP Report

QA/QC Reporting Level
- [ ] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

- [ ] Fax results when available to (____) _____
- [x] E-mail to clvenable@loureiro.com
EDD Format LEA
Condition upon receipt: [ ] Iced [ ] Ambient [ ] °C 3.7

Relinquished by:	Received by:	Date:	Time:
	LEA FRIDGE	2/13/07	17:40
		2-15-07	1140
	FRIG	2-15-07	1609

Report Date:
12-Mar-07 16:23

☐ Final Report
☐ Re-Issued Report
☑ Revised Report

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Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Christine Venable

Project: MacDermid - Waterbury, CT
Project 91MH603.001

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA58280-01	1197400	Ground Water	15-Feb-07 10:40	16-Feb-07 17:05
SA58280-02	1197400uf	Ground Water	15-Feb-07 10:40	16-Feb-07 17:05
SA58280-03	1197411	Ground Water	15-Feb-07 10:50	16-Feb-07 17:05
SA58280-04	1197411uf	Ground Water	15-Feb-07 10:50	16-Feb-07 17:05
SA58280-05	1197406	Ground Water	15-Feb-07 15:00	16-Feb-07 17:05
SA58280-06	1197406uf	Ground Water	15-Feb-07 15:00	16-Feb-07 17:05
SA58280-07	1197407	Ground Water	15-Feb-07 13:20	16-Feb-07 17:05
SA58280-08	1197407uf	Ground Water	15-Feb-07 13:20	16-Feb-07 17:05
SA58280-09	1197409	Ground Water	15-Feb-07 13:30	16-Feb-07 17:05
SA58280-10	1197409uf	Ground Water	15-Feb-07 13:30	16-Feb-07 17:05
SA58280-11	1197410	Trip	15-Feb-07 09:50	16-Feb-07 17:05
SA58280-12	1197408	Ground Water	15-Feb-07 13:20	16-Feb-07 17:05
SA58280-13	1197408uf	Ground Water	15-Feb-07 13:20	16-Feb-07 17:05

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met
Please note that this report contains 36 pages of analytical data plus Chain of Custody document(s).
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Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

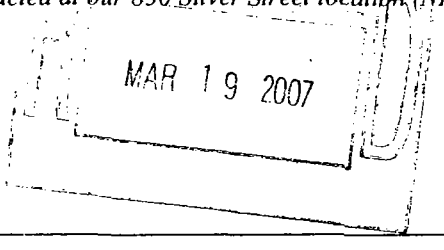
ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).



CT RCP CASE NARRATIVE:

The data set for work order SA58280 complies with internal QC criteria for the methods performed The samples were received @ 1.0 degrees Celsius. An infrared thermometer with a tolerance of+/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol(RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits. Please refer to "Notes and Definitions" for all sample/analyte qualifiers. Qualifiers will narrate any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197400 SA58280-01	91MH603.001	Ground Water	15-Feb-07 10:40	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197400 SA58280-01	91MH603.001	Ground Water	15-Feb-07 10:40	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	2.5		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*87*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197400uf SA58280-02	91MH603.001	Ground Water	15-Feb-07 10:40	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	22-Feb-07	23-Feb-07	7021187	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0305		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0350	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	22-Feb-07	23-Feb-07	7021189	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197411	91MH603.001	Ground Water	15-Feb-07 10:50	16-Feb-07
SA58280-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	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
1197411	91MH603.001	Ground Water	15-Feb-07 10:50	16-Feb-07
SA58280-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	4.2		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	2.4		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*89*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	22-Feb-07	23-Feb-07	7021257	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.111		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.704		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	1.55		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.123	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	22-Feb-07	23-Feb-07	7021258	Win

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197411uf SA58280-04	91MH603.001	Ground Water	15-Feb-07 10:50	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	07-Mar-07	07-Mar-07	7030316	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.111		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0076		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.702		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	1.51		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0968		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Mar-07	09-Mar-07	7030317	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197406 SA58280-05	91MH603.001	Ground Water	15-Feb-07 15:00	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197406 SA58280-05	91MH603.001	Ground Water	15-Feb-07 15:00	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*89*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	22-Feb-07	23-Feb-07	7021257	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0251		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.123	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	22-Feb-07	23-Feb-07	7021258	Win

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197406uf SA58280-06	91MH603.001	Ground Water	15-Feb-07 15:00	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	07-Mar-07	07-Mar-07	7030316	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0288		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0068		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Mar-07	09-Mar-07	7030317	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197407 SA58280-07	91MH603.001	Ground Water	15-Feb-07 13:20	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.0		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197407 SA58280-07	91MH603.001	Ground Water	15-Feb-07 13:20	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	5.4		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*89*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197407uf SA58280-08	91MH603.001	Ground Water	15-Feb-07 13:20	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	22-Feb-07	23-Feb-07	7021187	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.158		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0054		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0350	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	22-Feb-07	23-Feb-07	7021189	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197409 SA58280-09	91MH603.001	Ground Water	15-Feb-07 13:30	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
24-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.4		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197409 SA58280-09	91MH603.001	Ground Water	15-Feb-07 13:30	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	3.0		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*88*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197409uf SA58280-10	91MH603.001	Ground Water	15-Feb-07 13:30	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	22-Feb-07	23-Feb-07	7021187	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0408		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0103		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0350	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	22-Feb-07	23-Feb-07	7021189	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197410 SA58280-11	91MH603.001	Trip	15-Feb-07 09:50	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197410 SA58280-11	91MH603.001	Trip	15-Feb-07 09:50	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*90*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197408 SA58280-12	91MH603.001	Ground Water	15-Feb-07 13:20	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.1		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
5-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197408 SA58280-12	91MH603.001	Ground Water	15-Feb-07 13:20	16-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	22-Feb-07	23-Feb-07	7021278	JRO
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	5.5		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*90*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197408uf	91MH603.001	Ground Water	15-Feb-07 13:20	16-Feb-07
SA58280-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	22-Feb-07	23-Feb-07	7021187	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.149		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0056		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0350	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	22-Feb-07	23-Feb-07	7021189	YP

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021278 - SW846 5030 Water MS										
Blank (7021278-BLK1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021278 - SW846 5030 Water MS										
Blank (7021278-BLK1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*41.7*		µg/l		*50.0*		*83*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/l		*50.0*		*99*	*70-130*		
LCS (7021278-BS1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.2		µg/l		20.0		121	70-130		
Acetone	19.6		µg/l		20.0		98	32.4-154		
Acrylonitrile	19.6		µg/l		20.0		98	70-130		
Benzene	21.5		µg/l		20.0		108	70-130		
Bromobenzene	25.1		µg/l		20.0		126	70-130		
Bromochloromethane	22.1		µg/l		20.0		110	70-130		
Bromodichloromethane	19.3		µg/l		20.0		96	70-130		
Bromoform	25.2		µg/l		20.0		126	70-130		
Bromomethane	23.3		µg/l		20.0		116	57.6-150		
2-Butanone (MEK)	17.0		µg/l		20.0		85	46.5-137		
n-Butylbenzene	19.0		µg/l		20.0		95	70-130		
sec-Butylbenzene	21.8		µg/l		20.0		109	70-130		
tert-Butylbenzene	21.8		µg/l		20.0		109	70-130		
Carbon disulfide	20.7		µg/l		20.0		104	70-130		
Carbon tetrachloride	18.9		µg/l		20.0		94	70-130		
Chlorobenzene	24.4		µg/l		20.0		122	70-130		
Chloroethane	21.4		µg/l		20.0		107	57.6-143		
Chloroform	19.4		µg/l		20.0		97	70-130		
Chloromethane	22.6		µg/l		20.0		113	70-130		
2-Chlorotoluene	24.2		µg/l		20.0		121	70-130		
4-Chlorotoluene	23.6		µg/l		20.0		118	70-130		
1,2-Dibromo-3-chloropropane	18.2		µg/l		20.0		91	70-130		
Dibromochloromethane	20.2		µg/l		20.0		101	62.5-139		
1,2-Dibromoethane (EDB)	20 9		µg/l		20.0		104	70-130		
Dibromomethane	19.5		µg/l		20.0		98	70-130		
1,2-Dichlorobenzene	23.5		µg/l		20.0		118	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021278 - SW846 5030 Water MS										
LCS (7021278-BS1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
1,3-Dichlorobenzene	24.3		µg/l		20.0		122	70-130		
1,4-Dichlorobenzene	22.3		µg/l		20.0		112	70-130		
Dichlorodifluoromethane (Freon12)	25.5		µg/l		20.0		128	34.6-198		
1,1-Dichloroethane	19.5		µg/l		20.0		98	70-130		
1,2-Dichloroethane	17.7		µg/l		20.0		88	70-130		
1,1-Dichloroethene	22.8		µg/l		20.0		114	70-130		
cis-1,2-Dichloroethene	22.5		µg/l		20.0		112	70-130		
trans-1,2-Dichloroethene	*21.5*		*µg/l*		*20.0*		*108*	70-130		
1,2-Dichloropropane	20.1		µg/l		20.0		100	70-130		
1,3-Dichloropropane	19.8		µg/l		20.0		99	70-130		
2,2-Dichloropropane	15.5		µg/l		20.0		78	70-130		
1,1-Dichloropropene	19.8		µg/l		20.0		99	70-130		
cis-1,3-Dichloropropene	21.6		µg/l		20.0		108	70-130		
trans-1,3-Dichloropropene	18.3		µg/l		20.0		92	70-130		
Ethylbenzene	23.7		µg/l		20.0		118	70-130		
Hexachlorobutadiene	21.2		µg/l		20.0		106	63.4-142		
2-Hexanone (MBK)	17.1		µg/l		20.0		86	70-130		
Isopropylbenzene	23.0		µg/l		20.0		115	70-130		
4-Isopropyltoluene	21.5		µg/l		20.0		108	70-130		
Methyl tert-butyl ether	19.7		µg/l		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	17.4		µg/l		20.0		87	51-135		
Methylene chloride	19.5		µg/l		20.0		98	70-130		
Naphthalene	22.7		µg/l		20.0		114	70-130		
n-Propylbenzene	21.7		µg/l		20.0		108	70-130		
Styrene	24.0		µg/l		20.0		120	70-130		
1,1,1,2-Tetrachloroethane	24.5		µg/l		20.0		122	70-130		
1,1,2,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130		
Tetrachloroethene	22.6		µg/l		20.0		113	70-130		
Toluene	*20.6*		*µg/l*		*20.0*		*103*	70-130		
1,2,3-Trichlorobenzene	23.5		µg/l		20.0		118	70-130		
1,2,4-Trichlorobenzene	22.8		µg/l		20.0		114	70-130		
1,1,1-Trichloroethane	19.6		µg/l		20.0		98	70-130		
1,1,2-Trichloroethane	21.1		µg/l		20.0		106	70-130		
Trichloroethene	22.5		µg/l		20.0		112	70-130		
Trichlorofluoromethane (Freon 11)	20.2		µg/l		20.0		101	63.2-153		
1,2,3-Trichloropropane	*24.9*		*µg/l*		*20.0*		*124*	70-130		
1,2,4-Trimethylbenzene	22.9		µg/l		20.0		114	70-130		
1,3,5-Trimethylbenzene	*22.6*		*µg/l*		*20.0*		*113*	*70-130*		
Vinyl chloride	27.2	QC1	µg/l		20.0		136	70-130		
m,p-Xylene	49.8		µg/l		40.0		124	70-130		
o-Xylene	26.1		µg/l		20.0		130	70-130		
Tetrahydrofuran	17.9		µg/l		20.0		90	70-130		
Ethyl ether	21.8		µg/l		20.0		109	57.2-135		
Tert-amyl methyl ether	16.3		µg/l		20.0		82	70-130		
Ethyl tert-butyl ether	20.1		µg/l		20.0		100	70-130		
Di-isopropyl ether	17.8		µg/l		20.0		89	70-130		
Tert-Butanol / butyl alcohol	183		µg/l		200		92	70-130		
1,4-Dioxane	194		µg/l		200		97	41.5-136		
Surrogate: 4-Bromofluorobenzene	*52.2*		*µg/l*		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*48.5*		*µg/l*		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*41.1*		*µg/l*		*50.0*		*82*	*70-130*		
Surrogate: Dibromofluoromethane	*49.3*		*µg/l*		*50.0*		*99*	*70-130*		
LCS Dup (7021278-BSD1)										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021278 - SW846 5030 Water MS										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.2		µg/l		20.0		116	70-130	4	25
Acetone	18.6		µg/l		20.0		93	32.4-154	5	50
Acrylonitrile	19.4		µg/l		20.0		97	70-130	1	25
Benzene	20.8		µg/l		20.0		104	70-130	4	25
Bromobenzene	24.3		µg/l		20.0		122	70-130	3	25
Bromochloromethane	21.4		µg/l		20.0		107	70-130	3	25
Bromodichloromethane	19.2		µg/l		20.0		96	70-130	0	25
Bromoform	24.6		µg/l		20.0		123	70-130	2	25
Bromomethane	23.1		µg/l		20.0		116	57.6-150	0	50
2-Butanone (MEK)	17.2		µg/l		20.0		86	46.5-137	1	50
n-Butylbenzene	18.3		µg/l		20.0		92	70-130	3	25
sec-Butylbenzene	20.8		µg/l		20.0		104	70-130	5	25
tert-Butylbenzene	20.8		µg/l		20.0		104	70-130	5	25
Carbon disulfide	19.8		µg/l		20.0		99	70-130	5	25
Carbon tetrachloride	18.4		µg/l		20.0		92	70-130	2	25
Chlorobenzene	23.5		µg/l		20.0		118	70-130	3	25
Chloroethane	21.0		µg/l		20.0		105	57.6-143	2	50
Chloroform	19.3		µg/l		20.0		96	70-130	1	25
Chloromethane	22.3		µg/l		20.0		112	70-130	0.9	25
2-Chlorotoluene	23.3		µg/l		20.0		116	70-130	4	25
4-Chlorotoluene	22.6		µg/l		20.0		113	70-130	4	25
1,2-Dibromo-3-chloropropane	18.5		µg/l		20.0		92	70-130	1	25
Dibromochloromethane	19.8		µg/l		20.0		99	62.5-139	2	50
1,2-Dibromoethane (EDB)	20.9		µg/l		20.0		104	70-130	0	25
Dibromomethane	19.4		µg/l		20.0		97	70-130	1	25
1,2-Dichlorobenzene	22.7		µg/l		20.0		114	70-130	3	25
1,3-Dichlorobenzene	23.7		µg/l		20.0		118	70-130	3	25
1,4-Dichlorobenzene	21.7		µg/l		20.0		108	70-130	4	25
Dichlorodifluoromethane (Freon12)	24.2		µg/l		20.0		121	34.6-198	6	50
1,1-Dichloroethane	19.2		µg/l		20.0		96	70-130	2	25
1,2-Dichloroethane	17.5		µg/l		20.0		88	70-130	0	25
1,1-Dichloroethene	21.7		µg/l		20.0		108	70-130	5	25
cis-1,2-Dichloroethene	22.2		µg/l		20.0		111	70-130	0.9	25
trans-1,2-Dichloroethene	20.8		µg/l		20.0		104	70-130	4	25
1,2-Dichloropropane	20.0		µg/l		20.0		100	70-130	0	25
1,3-Dichloropropane	19.5		µg/l		20.0		98	70-130	1	25
2,2-Dichloropropane	15.4		µg/l		20.0		77	70-130	1	25
1,1-Dichloropropene	19.3		µg/l		20.0		96	70-130	3	25
cis-1,3-Dichloropropene	21.1		µg/l		20.0		106	70-130	2	25
trans-1,3-Dichloropropene	18.1		µg/l		20.0		90	70-130	2	25
Ethylbenzene	22.6		µg/l		20.0		113	70-130	4	25
Hexachlorobutadiene	20.1		µg/l		20.0		100	63.4-142	6	50
2-Hexanone (MBK)	16 3		µg/l		20.0		82	70-130	5	25
Isopropylbenzene	21.7		µg/l		20.0		108	70-130	6	25
4-Isopropyltoluene	20.6		µg/l		20.0		103	70-130	5	25
Methyl tert-butyl ether	19.7		µg/l		20.0		98	70-130	0	25
4-Methyl-2-pentanone (MIBK)	17.9		µg/l		20.0		90	51-135	3	50
Methylene chloride	19.4		µg/l		20.0		97	70-130	1	25
Naphthalene	22.1		µg/l		20.0		110	70-130	4	25
n-Propylbenzene	21.0		µg/l		20.0		105	70-130	3	25
Styrene	23.2		µg/l		20.0		116	70-130	3	25
1,1,1,2-Tetrachloroethane	24.0		µg/l		20.0		120	70-130	2	25
1,1,2,2-Tetrachloroethane	21.4		µg/l		20.0		107	70-130	3	25
Tetrachloroethene	21.5		µg/l		20.0		108	70-130	5	25
Toluene	20.2		µg/l		20.0		101	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021278 - SW846 5030 Water MS										
LCS Dup (7021278-BSD1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
1 2,3-Trichlorobenzene	22.8		µg/l		20.0		114	70-130	3	25
1 2,4-Trichlorobenzene	22.3		µg/l		20.0		112	70-130	2	25
1 1,1-Trichloroethane	18.4		µg/l		20.0		92	70-130	6	25
1 1,2-Trichloroethane	21.2		µg/l		20.0		106	70-130	0	25
Trichloroethene	22.2		µg/l		20.0		111	70-130	0.9	25
Trichlorofluoromethane (Freon 11)	19.5		µg/l		20.0		98	63.2-153	3	50
1 2,3-Trichloropropane	24.5		µg/l		20.0		122	70-130	2	25
1 2,4-Trimethylbenzene	21.9		µg/l		20.0		110	70-130	4	25
1,3,5-Trimethylbenzene	21.7		µg/l		20.0		108	70-130	5	25
Vinyl chloride	25.7		µg/l		20.0		128	70-130	6	25
m,p-Xylene	47.8		µg/l		40.0		120	70-130	3	25
o-Xylene	25.2		µg/l		20.0		126	70-130	3	25
Tetrahydrofuran	17.4		µg/l		20.0		87	70-130	3	25
Ethyl ether	21.3		µg/l		20.0		106	57.2-135	3	50
Tert-amyl methyl ether	16.4		µg/l		20.0		82	70-130	0	25
Ethyl tert-butyl ether	20.2		µg/l		20.0		101	70-130	1	25
Di-isopropyl ether	17.8		µg/l		20.0		89	70-130	0	25
Tert-Butanol / butyl alcohol	182		µg/l		200		91	70-130	1	25
1,4-Dioxane	190		µg/l		200		95	41.5-136	2	25
Surrogate: 4-Bromofluorobenzene	*52.4*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*40.9*		µg/l		*50.0*		*82*	*70-130*		
Surrogate: Dibromofluoromethane	*49.4*		µg/l		*50.0*		*99*	*70-130*		
Matrix Spike (7021278-MS1) **Source: SA58280-12**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Benzene	18.3		µg/l		20.0	BRL	92	70-130		
Chlorobenzene	22.2		µg/l		20.0	BRL	111	70-130		
1,1-Dichloroethene	20.8		µg/l		20.0	BRL	104	70-130		
Toluene	18.8		µg/l		20.0	BRL	94	70-130		
Trichloroethene	19.5		µg/l		20.0	BRL	98	70-130		
Surrogate: 4-Bromofluorobenzene	*49.0*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.4*		µg/l		*50.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Matrix Spike Dup (7021278-MSD1) **Source: SA58280-12**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Benzene	18.5		µg/l		20.0	BRL	92	70-130	0	30
Chlorobenzene	22.5		µg/l		20.0	BRL	112	70-130	0.9	30
1,1-Dichloroethene	21.3		µg/l		20.0	BRL	106	70-130	2	30
Toluene	18.8		µg/l		20.0	BRL	94	70-130	0	30
Trichloroethene	19.9		µg/l		20.0	BRL	100	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.3*		µg/l		*50.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*49.2*		µg/l		*50.0*		*98*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021187 - SW846 3005A										
Blank (7021187-BLK1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Zinc	BRL		mg/l	0.0350						
Selenium	BRL		mg/l	0.0150						
Nickel	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0075						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0050						
LCS (7021187-BS1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Nickel	0.485		mg/l	0.0050	0.500		97	85-115		
Zinc	0.530		mg/l	0.0350	0.500		106	85-115		
Selenium	0.475		mg/l	0.0150	0.500		95	85-115		
Lead	0.481		mg/l	0.0075	0.500		96	85-115		
Chromium	0.501		mg/l	0.0050	0.500		100	85-115		
Silver	0.480		mg/l	0.0050	0.500		96	85-115		
Arsenic	0.475		mg/l	0.0040	0.500		95	85-115		
Barium	0.506		mg/l	0.0050	0.500		101	85-115		
Cadmium	0.506		mg/l	0.0025	0.500		101	85-115		
Copper	0.514		mg/l	0.0050	0.500		103	85-115		
LCS Dup (7021187-BSD1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Lead	0.482		mg/l	0.0075	0.500		96	85-115	0.2	20
Nickel	0.485		mg/l	0.0050	0.500		97	85-115	0	20
Zinc	0.530		mg/l	0.0350	0.500		106	85-115	0	20
Selenium	0.475		mg/l	0.0150	0.500		95	85-115	0	20
Copper	0.507		mg/l	0.0050	0.500		101	85-115	1	20
Barium	0.504		mg/l	0.0050	0.500		101	85-115	0.4	20
Silver	0.482		mg/l	0.0050	0.500		96	85-115	0.4	20
Chromium	0.495		mg/l	0.0050	0.500		99	85-115	1	20
Cadmium	0.504		mg/l	0.0025	0.500		101	85-115	0.4	20
Arsenic	0.474		mg/l	0.0040	0.500		95	85-115	0.2	20
Duplicate (7021187-DUP1) **Source: SA58154-01**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Selenium	BRL		mg/l	0.0150		BRL				20
Zinc	0.0426	QR1	mg/l	0.0350		0.0344			21	20
Lead	BRL		mg/l	0.0075		BRL				20
Nickel	BRL		mg/l	0.0050		BRL				20
Chromium	0.0155		mg/l	0.0050		0.0163			5	20
Copper	0.0096	QR1	mg/l	0.0050		0.0055			54	20
Cadmium	BRL		mg/l	0.0025		0.0002				20
Barium	0.0339		mg/l	0.0050		0.0344			1	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	0.0016	J,QR1	mg/l	0.0050		0.0010			46	20
Matrix Spike (7021187-MS1) **Source: SA58280-13**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Zinc	0.530		mg/l	0.0350	0.500	0.0170	103	75-125		
Nickel	0.460		mg/l	0.0050	0.500	0.0056	91	75-125		
Lead	0.448		mg/l	0.0075	0.500	BRL	90	75-125		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021187 - SW846 3005A										
Matrix Spike (7021187-MS1) **Source: SA58280-13**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Selenium	0.482		mg/l	0.0150	0.500	BRL	96	75-125		
Silver	0.483		mg/l	0.0050	0.500	0.0010	96	75-125		
Arsenic	0.478		mg/l	0.0040	0.500	BRL	96	75-125		
Barium	0.642		mg/l	0.0050	0.500	0.149	99	75-125		
Cadmium	0.481		mg/l	0.0025	0.500	0.0006	96	75-125		
Chromium	0.477		mg/l	0.0050	0.500	BRL	95	75-125		
Copper	0.519		mg/l	0.0050	0.500	0.0016	103	75-125		
Matrix Spike Dup (7021187-MSD1) **Source: SA58280-13**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Nickel	0.472		mg/l	0.0050	0.500	0.0056	93	75-125	3	20
Zinc	0.536		mg/l	0.0350	0.500	0.0170	104	75-125	1	20
Lead	0.457		mg/l	0.0075	0.500	BRL	91	75-125	2	20
Selenium	0.486		mg/l	0.0150	0.500	BRL	97	75-125	0.8	20
Silver	0.495		mg/l	0.0050	0.500	0.0010	99	75-125	2	20
Copper	0.530		mg/l	0.0050	0.500	0.0016	106	75-125	2	20
Cadmium	0.492		mg/l	0.0025	0.500	0.0006	98	75-125	2	20
Barium	0.654		mg/l	0.0050	0.500	0.149	101	75-125	2	20
Arsenic	0.490		mg/l	0.0040	0.500	BRL	98	75-125	2	20
Chromium	0.490		mg/l	0.0050	0.500	BRL	98	75-125	3	20
Post Spike (7021187-PS1) **Source: SA58280-13**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Selenium	0.478		mg/l	0.0150	0.500	BRL	96	80-120		
Lead	0.450		mg/l	0.0075	0.500	BRL	90	80-120		
Nickel	0.461		mg/l	0.0050	0.500	0.0056	91	80-120		
Zinc	0.524		mg/l	0.0350	0.500	0.0170	101	80-120		
Copper	0.520		mg/l	0.0050	0.500	0.0016	104	80-120		
Silver	0.457		mg/l	0.0050	0.500	0.0010	91	80-120		
Cadmium	0.484		mg/l	0.0025	0.500	0.0006	97	80-120		
Barium	0.647		mg/l	0.0050	0.500	0.149	100	80-120		
Arsenic	0.482		mg/l	0.0040	0.500	BRL	96	80-120		
Chromium	0.481		mg/l	0.0050	0.500	BRL	96	80-120		
Batch 7021257 - SW846 3005A										
Blank (7021257-BLK1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.123						
Nickel	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Copper	BRL		mg/l	0.0050						
LCS (7021257-BS1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Lead	0.477		mg/l	0.0075	0.500		95	85-115		
Nickel	0.480		mg/l	0.0050	0.500		96	85-115		
Selenium	0.478		mg/l	0.0150	0.500		96	85-115		
Zinc	0.534		mg/l	0.123	0.500		107	85-115		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021257 - SW846 3005A										
LCS (7021257-BS1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Barium	0.496		mg/l	0.0050	0.500		99	85-115		
Arsenic	0.476		mg/l	0.0040	0.500		95	85-115		
Silver	0.475		mg/l	0.0050	0.500		95	85-115		
Chromium	0.495		mg/l	0.0050	0.500		99	85-115		
Cadmium	0.505		mg/l	0.0025	0.500		101	85-115		
Copper	0.502		mg/l	0.0050	0.500		100	85-115		
LCS Dup (7021257-BSD1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Selenium	0.456		mg/l	0.0150	0.500		91	85-115	5	20
Nickel	0.469		mg/l	0.0050	0.500		94	85-115	2	20
Lead	0.464		mg/l	0.0075	0.500		93	85-115	3	20
Zinc	0.522		mg/l	0.123	0.500		104	85-115	2	20
Barium	0.484		mg/l	0.0050	0.500		97	85-115	2	20
Chromium	0.481		mg/l	0.0050	0.500		96	85-115	3	20
Copper	0.498		mg/l	0.0050	0.500		100	85-115	0.8	20
Arsenic	0.459		mg/l	0.0040	0.500		92	85-115	4	20
Silver	0.468		mg/l	0.0050	0.500		94	85-115	1	20
Cadmium	0.491		mg/l	0.0025	0.500		98	85-115	3	20
Duplicate (7021257-DUP1) **Source: SA58280-03**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Lead	0.0036	J	mg/l	0.0075		0.0037			3	20
Nickel	1.52		mg/l	0.0050		1.55			2	20
Zinc	0.107	J	mg/l	0.123		0.111			4	20
Selenium	0.0062	J	mg/l	0.0150		BRL				20
Barium	0.109		mg/l	0.0050		0.111			2	20
Chromium	0.0024	J	mg/l	0.0050		0.0028			15	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Cadmium	0.0008	J	mg/l	0.0025		0.0008			0	20
Copper	0.733		mg/l	0.0050		0.704			4	20
Silver	0.0016	J,QR4	mg/l	0.0050		0.0024			40	20
Matrix Spike (7021257-MS1) **Source: SA58280-05**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Nickel	0.474		mg/l	0.0050	0.500	BRL	95	75-125		
Lead	0.470		mg/l	0.0075	0.500	BRL	94	75-125		
Selenium	0.467		mg/l	0.0150	0.500	BRL	93	75-125		
Zinc	0.546		mg/l	0.123	0.500	0.0258	104	75-125		
Copper	0.499		mg/l	0.0050	0.500	0.0016	99	75-125		
Silver	0.470		mg/l	0.0050	0.500	0.0009	94	75-125		
Arsenic	0.467		mg/l	0.0040	0.500	BRL	93	75-125		
Barium	0.516		mg/l	0.0050	0.500	0.0251	98	75-125		
Cadmium	0.496		mg/l	0.0025	0.500	BRL	99	75-125		
Chromium	0.485		mg/l	0.0050	0.500	BRL	97	75-125		
Matrix Spike Dup (7021257-MSD1) **Source: SA58280-05**										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Lead	0.479		mg/l	0.0075	0.500	BRL	96	75-125	2	20
Selenium	0.477		mg/l	0.0150	0.500	BRL	95	75-125	2	20
Zinc	0.545		mg/l	0.123	0.500	0.0258	104	75-125	0.2	20
Nickel	0.486		mg/l	0.0050	0.500	BRL	97	75-125	2	20
Chromium	0.500		mg/l	0.0050	0.500	BRL	100	75-125	3	20
Barium	0.532		mg/l	0.0050	0.500	0.0251	101	75-125	3	20
Copper	0.516		mg/l	0.0050	0.500	0.0016	103	75-125	3	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021257 - SW846 3005A										
Matrix Spike Dup (7021257-MSD1) Source: SA58280-05										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Cadmium	0.508		mg/l	0.0025	0.500	BRL	102	75-125	2	20
Arsenic	0.478		mg/l	0.0040	0.500	BRL	96	75-125	2	20
Silver	0.480		mg/l	0.0050	0.500	0.0009	96	75-125	2	20
Post Spike (7021257-PS1) Source: SA58280-05										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Zinc	1.08		mg/l		1.00	0.0517	103	80-120		
Lead	0.951		mg/l		1.00	0.00340	95	80-120		
Selenium	0.952		mg/l		1.00	0.000900	95	80-120		
Nickel	0.963		mg/l		1.00	0.00210	96	80-120		
Barium	1.04		mg/l		1.00	0.0502	99	80-120		
Arsenic	0.952		mg/l		1.00	0.00150	95	80-120		
Cadmium	1.01		mg/l		1.00	0.000200	101	80-120		
Chromium	0.988		mg/l		1.00	-0.00180	99	80-120		
Copper	1.01		mg/l		1.00	0.00310	101	80-120		
Silver	0.923		mg/l		1.00	0.00180	92	80-120		
Batch 7030316 - SW846 3005A										
Blank (7030316-BLK1)										
Prepared & Analyzed: 07-Mar-07										
Nickel	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
Chromium	BRL		mg/l	0.0050						
LCS (7030316-BS1)										
Prepared & Analyzed: 07-Mar-07										
Lead	0.462		mg/l	0.0075	0.500		92	85-115		
Nickel	0.465		mg/l	0.0050	0.500		93	85-115		
Selenium	0.458		mg/l	0.0150	0.500		92	85-115		
Zinc	0.492		mg/l	0.0050	0.500		98	85-115		
Chromium	0.487		mg/l	0.0050	0.500		97	85-115		
Copper	0.497		mg/l	0.0050	0.500		99	85-115		
Silver	0.430		mg/l	0.0050	0.500		86	85-115		
Barium	0.500		mg/l	0.0050	0.500		100	85-115		
Cadmium	0.492		mg/l	0.0025	0.500		98	85-115		
Arsenic	0.455		mg/l	0.0040	0.500		91	85-115		
LCS Dup (7030316-BSD1)										
Prepared & Analyzed: 07-Mar-07										
Nickel	0.466		mg/l	0.0050	0.500		93	85-115	0.2	20
Lead	0.464		mg/l	0.0075	0.500		93	85-115	0.4	20
Selenium	0.457		mg/l	0.0150	0.500		91	85-115	0.2	20
Zinc	0.492		mg/l	0.0050	0.500		98	85-115	0	20
Chromium	0.487		mg/l	0.0050	0.500		97	85-115	0	20
Cadmium	0.493		mg/l	0.0025	0.500		99	85-115	0.2	20
Silver	0.431		mg/l	0.0050	0.500		86	85-115	0.2	20
Arsenic	0.458		mg/l	0.0040	0.500		92	85-115	0.7	20

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7030316 - SW846 3005A										
LCS Dup (7030316-BSD1)										
Prepared & Analyzed: 07-Mar-07										
Copper	0.495		mg/l	0.0050	0.500		99	85-115	0.4	20
Barium	0.502		mg/l	0.0050	0.500		100	85-115	0.4	20
Duplicate (7030316-DUP1)	**Source: SA58280-04**									
Prepared & Analyzed: 07-Mar-07										
Zinc	0.0958		mg/l	0.0050		0.0968			1	20
Lead	0.0043	J	mg/l	0.0075		0.0042			2	20
Selenium	0.0082	J	mg/l	0.0150		BRL				20
Nickel	1.49		mg/l	0.0050		1.51			1	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	0.0014	J,QR4	mg/l	0.0050		0.0008			55	20
Chromium	0.0085		mg/l	0.0050		0.0076			11	20
Cadmium	0.0012	J	mg/l	0.0025		0.0010			18	20
Barium	0.110		mg/l	0.0050		0.111			0.9	20
Copper	0.702		mg/l	0.0050		0.702			0	20
Matrix Spike (7030316-MS1)	**Source: SA58280-06**									
Prepared & Analyzed: 07-Mar-07										
Zinc	0.493		mg/l	0.0050	0.500	0.0068	97	75-125		
Selenium	0.450		mg/l	0.0150	0.500	BRL	90	75-125		
Lead	0.455		mg/l	0.0075	0.500	0.0028	90	75-125		
Nickel	0.459		mg/l	0.0050	0.500	0.0030	91	75-125		
Cadmium	0.489		mg/l	0.0025	0.500	0.0004	98	75-125		
Chromium	0.481		mg/l	0.0050	0.500	0.0044	95	75-125		
Copper	0.492		mg/l	0.0050	0.500	BRL	98	75-125		
Barium	0.518		mg/l	0.0050	0.500	0.0288	98	75-125		
Arsenic	0.454		mg/l	0.0040	0.500	BRL	91	75-125		
Silver	0.424		mg/l	0.0050	0.500	BRL	85	75-125		
Matrix Spike Dup (7030316-MSD1)	**Source: SA58280-06**									
Prepared & Analyzed: 07-Mar-07										
Zinc	0.496		mg/l	0.0050	0.500	0.0068	98	75-125	0.6	20
Selenium	0.449		mg/l	0.0150	0.500	BRL	90	75-125	0.2	20
Lead	0.455		mg/l	0.0075	0.500	0.0028	90	75-125	0	20
Nickel	0.460		mg/l	0.0050	0.500	0.0030	91	75-125	0.2	20
Barium	0.524		mg/l	0.0050	0.500	0.0288	99	75-125	1	20
Chromium	0.486		mg/l	0.0050	0.500	0.0044	96	75-125	1	20
Arsenic	0.454		mg/l	0.0040	0.500	BRL	91	75-125	0	20
Copper	0.497		mg/l	0.0050	0.500	BRL	99	75-125	1	20
Silver	0.427		mg/l	0.0050	0.500	BRL	85	75-125	0.7	20
Cadmium	0.492		mg/l	0.0025	0.500	0.0004	98	75-125	0.6	20
Post Spike (7030316-PS1)	**Source: SA58280-06**									
Prepared & Analyzed: 07-Mar-07										
Nickel	0.459		mg/l	0.0050	0.500	0.0030	91	80-120		
Lead	0.455		mg/l	0.0075	0.500	0.0028	90	80-120		
Zinc	0.496		mg/l	0.0050	0.500	0.0068	98	80-120		
Selenium	0.453		mg/l	0.0150	0.500	BRL	91	80-120		
Arsenic	0.452		mg/l	0.0040	0.500	BRL	90	80-120		
Copper	0.492		mg/l	0.0050	0.500	BRL	98	80-120		
Silver	0.443		mg/l	0.0050	0.500	BRL	89	80-120		
Chromium	0.481		mg/l	0.0050	0.500	0.0044	95	80-120		
Cadmium	0.487		mg/l	0.0025	0.500	0.0004	97	80-120		
Barium	0.526		mg/l	0.0050	0.500	0.0288	99	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021189 - EPA200/SW7000 Series										
Blank (7021189-BLK1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	BRL		mg/l	0.00020						
LCS (7021189-BS1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	0.00227		mg/l	0.00020	0.00250		91	85-115		
Duplicate (7021189-DUP1) Source: SA58154-01										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	0.00004	J	mg/l	0.00020		BRL				20
Matrix Spike (7021189-MS1) Source: SA58280-08										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	0.00212		mg/l	0.00020	0.00250	BRL	85	75-125		
Matrix Spike Dup (7021189-MSD1) Source: SA58280-08										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	0.00214		mg/l	0.00020	0.00250	BRL	86	75-125	0.9	20
Post Spike (7021189-PS1) Source: SA58280-08										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	0.00215		mg/l	0.00020	0.00250	BRL	86	85-115		
Batch 7021258 - EPA200/SW7000 Series										
Blank (7021258-BLK1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	BRL		mg/l	0.00020						
LCS (7021258-BS1)										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	0.00205	QC3	mg/l	0.00020	0.00250		82	85-115		
Duplicate (7021258-DUP1) Source: SA58280-05										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7021258-MS1) Source: SA58280-03										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	0.00226		mg/l	0.00020	0.00250	0.00007	88	75-125		
Matrix Spike Dup (7021258-MSD1) Source: SA58280-03										
Prepared: 22-Feb-07 Analyzed: 23-Feb-07										
Mercury	0.00234		mg/l	0.00020	0.00250	0.00007	91	75-125	3	20
Batch 7030317 - EPA200/SW7000 Series										
Blank (7030317-BLK1)										
Prepared: 08-Mar-07 Analyzed: 09-Mar-07										
Mercury	BRL		mg/l	0.00020						
LCS (7030317-BS1)										
Prepared: 08-Mar-07 Analyzed: 09-Mar-07										
Mercury	0.00230		mg/l	0.00020	0.00250		92	85-115		
Duplicate (7030317-DUP1) Source: SA58280-04										
Prepared: 08-Mar-07 Analyzed: 09-Mar-07										
Mercury	0.00010	J	mg/l	0.00020		BRL				20
Matrix Spike (7030317-MS1) Source: SA58280-06										
Prepared: 08-Mar-07 Analyzed: 09-Mar-07										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7030317 - EPA200/SW7000 Series										
Matrix Spike (7030317-MS1) Source: SA58280-06										
Prepared: 08-Mar-07 Analyzed: 09-Mar-07										
Mercury	0 00195		mg/l	0.00020	0.00250	0.00005	76	75-125		
Matrix Spike Dup (7030317-MSD1) Source: SA58280-06										
Prepared: 08-Mar-07 Analyzed: 09-Mar-07										
Mercury	0.00203		mg/l	0.00020	0.00250	0.00005	79	75-125	4	20

Notes and Definitions

FP	Field Preserved
QC1	Analyte out of acceptance range.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QR1	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.
QR4	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

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC

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. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA **Client:** Loureiro Engineering Associates - Plainv

Project Location: MacDermid - Waterbury, CT **Project Number:** 91MH603.001

Sampling Date(s):
15-Feb-07

Laboratory Sample ID(s):
SA58280-01 through SA58280-13

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	☑ Yes ☐ No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4° C ± 2°)? If no, the attached narrative should include any explanation as to acceptability of samples received at other temperatures	☐ Yes ☑ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits specified on the chain-of-custody met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific QC samples included in this data set?	☑ Yes ☐ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1 is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 3/12/2007

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

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: Christina Vecchio
c/o
170 Northwest Dr
Plainville, CT

Invoice To: LEA
105 Wade Ave Ste
Plainville CT

Project No.: 91MH1063.001
Site Name: Mace Diesel
Location: Waterbury, CT State: _____
Sampler(s): D. Ryder, K. Kriebel, C. Vecchio

Project Mgr.: Tom Sullivan

P.O. No.: 1019 RQN: _____

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:								QA Reporting Notes: (check if needed)
5-7 8320.01	1197-1100	7/15/07	1010	G	GW	2	3				X								☐ Provide MA DEP MCP CAM Report ☒ Provide CT DPH RCP Report QA/QC Reporting Level ☒ Standard ☐ No QC ☐ Other _____ State specific reporting standards: GA reasonable
.01	1197-1102		1010							1			X						
.02	1197-1102A		1010							1		X							
.03	1197-1103		1020								X								
.04	1197-1104		1030							1		X							
.05	1197-1105		1040							1		X	X						
.06	1197-1106		1050								X								
.07	1197-1106		1100									X							
.08	1197-1106A		1100	V	V							X	X						
.09	1197-1107	7/15/07	1110	G	GW						X								

ADDED ANALYSIS

	Relinquished by:	Received by:	Date:	Time:

☐ Fax results when available to (____) _____
☒ E-mail to tv...@lea.com
EDD Format EA
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 4

SA58280

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: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Christina Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN: _____

Project No.: 91MH603.001
Site Name: MacDermid
Location: Waterbury, CT State: _____
Sampler(s): K. Volkert, D. Ryder, C. Venable

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=TWP X2=_____ X3=_____

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____

State specific reporting standards: GA, residential

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Fe-Tw	VOC 8260	RCRA 8 + Cu, Ni, Zn	HOLD						
SA58280 07	1197407	2/15/07	1320	G	GW	4				1										
08	1197407uf	↓	1320	↓	↓	4				1			X							
09	1197409	↓	1330	↓	↓	2	3					X								
↓	1197409	↓	1330	↓	↓	4				1				X						
10	1197409uf	↓	1330	↓	GW	4				1			X							
11	1197410	2/15/07	950	C	X1	2	1					X								
12	1197408	↓	13:20	G	GW	2	3					X								
↓	1197408	↓	↓	↓	↓	4				1				X						
13	1197408uf	↓	↓	↓	↓	4				1			X							

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	2/15/07	1713
[signature]	[signature]	2/16/07	1405
[signature]	[signature]	2/16/07	1705

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in refrigerator

Report Date:
08-Mar-07 14:24

☐ Final Report
☐ Re-Issued Report
☑ Revised Report

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY
Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Christine Venable

Project: MacDermid - Waterbury, CT
Project 91MH603.001

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA58353-01	1197675	Ground Water	16-Feb-07 12:00	20-Feb-07 15:05
SA58353-02	1197675uf	Ground Water	16-Feb-07 12:00	20-Feb-07 15:05
SA58353-03	1197676	Ground Water	16-Feb-07 11:00	20-Feb-07 15:05
SA58353-04	1197676uf	Ground Water	16-Feb-07 11:00	20-Feb-07 15:05
SA58353-05	1197678	Ground Water	16-Feb-07 15:00	20-Feb-07 15:05
SA58353-06	1197678uf	Ground Water	16-Feb-07 15:00	20-Feb-07 15:05
SA58353-07	1197679	Ground Water	16-Feb-07 13:45	20-Feb-07 15:05
SA58353-08	1197679uf	Ground Water	16-Feb-07 13:45	20-Feb-07 15:05
SA58353-09	1197680	Ground Water	16-Feb-07 15:25	20-Feb-07 15:05
SA58353-10	1197680uf	Ground Water	16-Feb-07 15:25	20-Feb-07 15:05
SA58353-11	1197681	Ground Water	16-Feb-07 10:50	20-Feb-07 15:05
SA58353-12	1197681uf	Ground Water	16-Feb-07 10:50	20-Feb-07 15:05
SA58353-13	1197687	Ground Water	16-Feb-07 12:30	20-Feb-07 15:05
SA58353-14	1197687uf	Ground Water	16-Feb-07 12:30	20-Feb-07 15:05
SA58353-15	1197692	Ground Water	16-Feb-07 14:30	20-Feb-07 15:05
SA58353-16	1197692uf	Ground Water	16-Feb-07 14:30	20-Feb-07 15:05
SA58353-17	1197677	Ground Water	16-Feb-07 14:50	20-Feb-07 15:05

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met
Please note that this report contains 41 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

MAR 14 2007

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

CT RCP CASE NARRATIVE:

The data set for work order SA58353 complies with internal QC criteria for the methods performed The samples were received @ 2.3 degrees Celsius. An infrared thermometer with a tolerance of+/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol(RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

Trans-1,4-Dichloro-2-butene for 8260, which is identified in the method specific analyte lists presented in the Reasonable Confidence Protocol (RCP) documents are not included in the analyte lists provided in this report

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits. Please refer to "Notes and Definitions" for all sample/analyte qualifiers. Qualifiers will narrate any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197675 SA58353-01	91MH603.001	Ground Water	16-Feb-07 12:00	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197675 SA58353-01	91MH603.001	Ground Water	16-Feb-07 12:00	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197675uf SA58353-02	91MH603.001	Ground Water	16-Feb-07 12:00	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Feb-07	27-Feb-07	7021192	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0250		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0555	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	26-Feb-07	27-Feb-07	7021193	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197676 SA58353-03	91MH603.001	Ground Water	16-Feb-07 11:00	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197676 SA58353-03	91MH603.001	Ground Water	16-Feb-07 11:00	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	10.4		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	3.4		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197676uf SA58353-04	91MH603.001	Ground Water	16-Feb-07 11:00	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Feb-07	27-Feb-07	7021192	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.179		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0060		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0555	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	26-Feb-07	27-Feb-07	7021193	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197678 SA58353-05	91MH603.001	Ground Water	16-Feb-07 15:00	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
08-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1197678 SA58353-05	91MH603.001	Ground Water	16-Feb-07 15:00	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197678uf SA58353-06	91MH603.001	Ground Water	16-Feb-07 15:00	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Feb-07	27-Feb-07	7021192	HB
7440-38-2	Arsenic	0.0045		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0217		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.329		mg/l	0.0555	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	26-Feb-07	27-Feb-07	7021193	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197679 SA58353-07	91MH603.001	Ground Water	16-Feb-07 13:45	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197679 SA58353-07	91MH603.001	Ground Water	16-Feb-07 13:45	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197679uf SA58353-08	91MH603.001	Ground Water	16-Feb-07 13:45	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Feb-07	27-Feb-07	7021192	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0318		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0068		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0102		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0555	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	26-Feb-07	27-Feb-07	7021193	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197680 SA58353-09	91MH603.001	Ground Water	16-Feb-07 15:25	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197680 SA58353-09	91MH603.001	Ground Water	16-Feb-07 15:25	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197680uf SA58353-10	91MH603.001	Ground Water	16-Feb-07 15:25	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
744C-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Feb-07	27-Feb-07	7021192	HB
744C-38-2	Arsenic	0.0058		mg/l	0.0040	1	"	"	"	"	"
744C-39-3	Barium	0.0084		mg/l	0.0050	1	"	"	"	"	"
744C-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
744C-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
744C-50-8	Copper	0.0121		mg/l	0.0050	1	"	"	"	"	"
744C-02-0	Nickel	0.0322		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0555	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	26-Feb-07	27-Feb-07	7021193	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197681	91MH603.001	Ground Water	16-Feb-07 10:50	20-Feb-07
SA58353-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	6.1		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	8.5		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	3.5		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	16.8		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
5-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197681 SA58353-11	91MH603.001	Ground Water	16-Feb-07 10:50	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	89.6		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	6.3		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	6.9		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	34.6		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	07-Mar-07	07-Mar-07	7030382	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	06-Mar-07	07-Mar-07	7030231	RM
7440-39-3	Barium	0.112		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0058		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.792		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	1.21		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0178		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	06-Mar-07	07-Mar-07	7030232	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197681uf SA58353-12	91MH603.001	Ground Water	16-Feb-07 10:50	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Feb-07	27-Feb-07	7021192	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.105		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0054		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.774		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	1.25		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0555	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	26-Feb-07	27-Feb-07	7021193	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197687 SA58353-13	91MH603.001	Ground Water	16-Feb-07 12:30	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197687 SA58353-13	91MH603.001	Ground Water	16-Feb-07 12:30	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	46.9		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1.5		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	07-Mar-07	07-Mar-07	7030382	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	06-Mar-07	07-Mar-07	7030231	RM
7440-39-3	Barium	0.0446		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.494		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0180		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0399		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	06-Mar-07	07-Mar-07	7030232	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197687uf SA58353-14	91MH603.001	Ground Water	16-Feb-07 12:30	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Feb-07	27-Feb-07	7021192	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0400		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0116		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.516		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0174		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0555	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00025		mg/l	0.00020	1	EPA 245.1/7470A	26-Feb-07	27-Feb-07	7021193	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197692 SA58353-15	91MH603.001	Ground Water	16-Feb-07 14:30	20-Feb-07

Volatile Organic Compounds

Volatile Organic Compounds

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
)-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197692 SA58353-15	91MH603.001	Ground Water	16-Feb-07 14:30	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197692uf SA58353-16	91MH603.001	Ground Water	16-Feb-07 14:30	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Feb-07	27-Feb-07	7021192	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0555	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	26-Feb-07	27-Feb-07	7021193	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197677 SA58353-17	91MH603.001	Ground Water	16-Feb-07 14:50	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197677 SA58353-17	91MH603.001	Ground Water	16-Feb-07 14:50	20-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	23-Feb-07	24-Feb-07	7021339	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021339 - SW846 5030 Water MS										
Blank (7021339-BLK1)										
Prepared & Analyzed: 23-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021339 - SW846 5030 Water MS										
Blank (7021339-BLK1)										
Prepared & Analyzed: 23-Feb-07										
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*51.0*		µg/l		*50.0*		*102*	*70-130*		
LCS (7021339-BS1)										
Prepared & Analyzed: 23-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.7		µg/l		20.0		128	70-130		
Acetone	19.6		µg/l		20.0		98	32.4-154		
Acrylonitrile	16.6		µg/l		20.0		83	70-130		
Benzene	22.0		µg/l		20.0		110	70-130		
Bromobenzene	21.8		µg/l		20.0		109	70-130		
Bromochloromethane	20.9		µg/l		20.0		104	70-130		
Bromodichloromethane	21.9		µg/l		20.0		110	70-130		
Bromoform	21.1		µg/l		20.0		106	70-130		
Bromomethane	24.3		µg/l		20.0		122	57.6-150		
2-Butanone (MEK)	16.6		µg/l		20.0		83	46.5-137		
n-Butylbenzene	22.7		µg/l		20.0		114	70-130		
sec-Butylbenzene	23.5		µg/l		20.0		118	70-130		
tert-Butylbenzene	23.2		µg/l		20.0		116	70-130		
Carbon disulfide	21.1		µg/l		20.0		106	70-130		
Carbon tetrachloride	24.2		µg/l		20.0		121	70-130		
Chlorobenzene	21.5		µg/l		20.0		108	70-130		
Chloroethane	21.4		µg/l		20.0		107	57.6-143		
Chloroform	20.9		µg/l		20.0		104	70-130		
Chloromethane	26.0		µg/l		20.0		130	70-130		
2-Chlorotoluene	22.8		µg/l		20.0		114	70-130		
4-Chlorotoluene	22.6		µg/l		20.0		113	70-130		
1,2-Dibromo-3-chloropropane	19.7		µg/l		20.0		98	70-130		
Dibromochloromethane	22.8		µg/l		20.0		114	62.5-139		
1,2-Dibromoethane (EDB)	21.3		µg/l		20.0		106	70-130		
Dibromomethane	21.0		µg/l		20.0		105	70-130		
1,2-Dichlorobenzene	21.5		µg/l		20.0		108	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021339 - SW846 5030 Water MS										
LCS (7021339-BS1)										
Prepared & Analyzed: 23-Feb-07										
1,3-Dichlorobenzene	22.0		µg/l		20.0		110	70-130		
1,4-Dichlorobenzene	20.5		µg/l		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	31.1		µg/l		20.0		156	34.6-198		
1,1-Dichloroethane	21.4		µg/l		20.0		107	70-130		
1,2-Dichloroethane	21.5		µg/l		20.0		108	70-130		
1,1-Dichloroethene	20.8		µg/l		20.0		104	70-130		
cis-1,2-Dichloroethene	22.6		µg/l		20.0		113	70-130		
trans-1,2-Dichloroethene	21.3		µg/l		20.0		106	70-130		
1,2-Dichloropropane	21.2		µg/l		20.0		106	70-130		
1,3-Dichloropropane	21.6		µg/l		20.0		108	70-130		
2,2-Dichloropropane	23.6		µg/l		20.0		118	70-130		
1,1-Dichloropropene	22.3		µg/l		20.0		112	70-130		
cis-1,3-Dichloropropene	22.0		µg/l		20.0		110	70-130		
trans-1,3-Dichloropropene	18.9		µg/l		20.0		94	70-130		
Ethylbenzene	22.1		µg/l		20.0		110	70-130		
Hexachlorobutadiene	20.6		µg/l		20.0		103	63.4-142		
2-Hexanone (MBK)	18.9		µg/l		20.0		94	70-130		
Isopropylbenzene	21.5		µg/l		20.0		108	70-130		
4-Isopropyltoluene	22.6		µg/l		20.0		113	70-130		
Methyl tert-butyl ether	20.1		µg/l		20.0		100	70-130		
4-Methyl-2-pentanone (MIBK)	18.6		µg/l		20.0		93	51-135		
Methylene chloride	21.7		µg/l		20.0		108	70-130		
Naphthalene	15.4		µg/l		20.0		77	70-130		
n-Propylbenzene	22.4		µg/l		20.0		112	70-130		
Styrene	22.3		µg/l		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	23.8		µg/l		20.0		119	70-130		
1,1,2,2-Tetrachloroethane	21.5		µg/l		20.0		108	70-130		
Tetrachloroethene	21.2		µg/l		20.0		106	70-130		
Toluene	20.6		µg/l		20.0		103	70-130		
1,2,3-Trichlorobenzene	11.8	QC2	µg/l		20.0		59	70-130		
1,2,4-Trichlorobenzene	20.1		µg/l		20.0		100	70-130		
1,1,1-Trichloroethane	22.4		µg/l		20.0		112	70-130		
1,1,2-Trichloroethane	21.4		µg/l		20.0		107	70-130		
Trichloroethene	22.2		µg/l		20.0		111	70-130		
Trichlorofluoromethane (Freon 11)	23.1		µg/l		20.0		116	63.2-153		
1,2,3-Trichloropropane	22.9		µg/l		20.0		114	70-130		
1,2,4-Trimethylbenzene	23.0		µg/l		20.0		115	70-130		
1,3,5-Trimethylbenzene	22.9		µg/l		20.0		114	70-130		
Vinyl chloride	23.4		µg/l		20.0		117	70-130		
m,p-Xylene	45.2		µg/l		40.0		113	70-130		
o-Xylene	22.9		µg/l		20.0		114	70-130		
Tetrahydrofuran	17.8		µg/l		20.0		89	70-130		
Ethyl ether	20.9		µg/l		20.0		104	57.2-135		
Tert-amyl methyl ether	21.2		µg/l		20.0		106	70-130		
Ethyl tert-butyl ether	21.6		µg/l		20.0		108	70-130		
Di-isopropyl ether	20.3		µg/l		20.0		102	70-130		
Tert-Butanol / butyl alcohol	106	QC2	µg/l		200		53	70-130		
1,4-Dioxane	191		µg/l		200		96	41.5-136		
Surrogate: 4-Bromofluorobenzene	*52.9*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.9*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (7021339-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021339 - SW846 5030 Water MS										
Prepared & Analyzed: 23-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.2		µg/l		20.0		116	70-130	10	25
Acetone	17.6		µg/l		20.0		88	32.4-154	11	50
Acrylonitrile	16.4		µg/l		20.0		82	70-130	1	25
Benzene	20.7		µg/l		20.0		104	70-130	6	25
Bromobenzene	20.2		µg/l		20.0		101	70-130	8	25
Bromochloromethane	20.6		µg/l		20.0		103	70-130	1	25
Bromodichloromethane	21.7		µg/l		20.0		108	70-130	2	25
Bromoform	20.6		µg/l		20.0		103	70-130	3	25
Bromomethane	21.8		µg/l		20.0		109	57.6-150	11	50
2-Butanone (MEK)	15.9		µg/l		20.0		80	46.5-137	4	50
n-Butylbenzene	22.6		µg/l		20.0		113	70-130	0.9	25
sec-Butylbenzene	23.2		µg/l		20.0		116	70-130	2	25
tert-Butylbenzene	22.9		µg/l		20.0		114	70-130	2	25
Carbon disulfide	18.3		µg/l		20.0		92	70-130	14	25
Carbon tetrachloride	21 8		µg/l		20.0		109	70-130	10	25
Chlorobenzene	20.7		µg/l		20.0		104	70-130	4	25
Chloroethane	20 6		µg/l		20.0		103	57.6-143	4	50
Chloroform	20 0		µg/l		20.0		100	70-130	4	25
Chloromethane	24 4		µg/l		20.0		122	70-130	6	25
2-Chlorotoluene	21 4		µg/l		20.0		107	70-130	6	25
4-Chlorotoluene	21 0		µg/l		20.0		105	70-130	7	25
1,2-Dibromo-3-chloropropane	18.0		µg/l		20.0		90	70-130	9	25
Dibromochloromethane	22.3		µg/l		20.0		112	62.5-139	2	50
1,2-Dibromoethane (EDB)	21.1		µg/l		20.0		106	70-130	0	25
Dibromomethane	20.1		µg/l		20.0		100	70-130	5	25
1,2-Dichlorobenzene	20.4		µg/l		20.0		102	70-130	6	25
1,3-Dichlorobenzene	21.3		µg/l		20.0		106	70-130	4	25
1,4-Dichlorobenzene	19.6		µg/l		20.0		98	70-130	4	25
Dichlorodifluoromethane (Freon12)	28.2		µg/l		20.0		141	34.6-198	10	50
1,1-Dichloroethane	20.4		µg/l		20.0		102	70-130	5	25
1,2-Dichloroethane	20.8		µg/l		20.0		104	70-130	4	25
1,1-Dichloroethene	19.0		µg/l		20.0		95	70-130	9	25
cis-1,2-Dichloroethene	21.4		µg/l		20.0		107	70-130	5	25
trans-1,2-Dichloroethene	20.1		µg/l		20.0		100	70-130	6	25
1,2-Dichloropropane	20.2		µg/l		20.0		101	70-130	5	25
1,3-Dichloropropane	20.6		µg/l		20.0		103	70-130	5	25
2,2-Dichloropropane	22.2		µg/l		20.0		111	70-130	6	25
1,1-Dichloropropene	20.4		µg/l		20.0		102	70-130	9	25
cis-1,3-Dichloropropene	20.9		µg/l		20.0		104	70-130	6	25
trans-1,3-Dichloropropene	18.2		µg/l		20.0		91	70-130	3	25
Ethylbenzene	20.6		µg/l		20.0		103	70-130	7	25
Hexachlorobutadiene	19 4		µg/l		20.0		97	63.4-142	6	50
2-Hexanone (MBK)	18.0		µg/l		20.0		90	70-130	4	25
Isopropylbenzene	20.4		µg/l		20.0		102	70-130	6	25
4-Isopropyltoluene	22.7		µg/l		20.0		114	70-130	0.9	25
Methyl tert-butyl ether	20.0		µg/l		20.0		100	70-130	0	25
4-Methyl-2-pentanone (MIBK)	17.8		µg/l		20.0		89	51-135	4	50
Methylene chloride	21.2		µg/l		20.0		106	70-130	2	25
Naphthalene	16.6		µg/l		20.0		83	70-130	8	25
n-Propylbenzene	21.7		µg/l		20.0		108	70-130	4	25
Styrene	21.1		µg/l		20.0		106	70-130	6	25
1,1,1,2-Tetrachloroethane	23.4		µg/l		20.0		117	70-130	2	25
1,1,2,2-Tetrachloroethane	20.0		µg/l		20.0		100	70-130	8	25
Tetrachloroethene	19.5		µg/l		20.0		98	70-130	8	25
Toluene	19 3		µg/l		20.0		96	70-130	7	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021339 - SW846 5030 Water MS										
LCS Dup (7021339-BSD1)										
Prepared & Analyzed: 23-Feb-07										
1,2,3-Trichlorobenzene	12.7	QC2	µg/l		20.0		64	70-130	8	25
1,2,4-Trichlorobenzene	21.0		µg/l		20.0		105	70-130	5	25
1,1,1-Trichloroethane	20.9		µg/l		20.0		104	70-130	7	25
1,1,2-Trichloroethane	20.5		µg/l		20.0		102	70-130	5	25
Trichloroethene	20.3		µg/l		20.0		102	70-130	8	25
Trichlorofluoromethane (Freon 11)	20.8		µg/l		20.0		104	63.2-153	11	50
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130	0.9	25
1,2,4-Trimethylbenzene	22.3		µg/l		20.0		112	70-130	3	25
1,3,5-Trimethylbenzene	21.9		µg/l		20.0		110	70-130	4	25
Vinyl chloride	20.2		µg/l		20.0		101	70-130	15	25
m,p-Xylene	42.2		µg/l		40.0		106	70-130	6	25
o-Xylene	21.9		µg/l		20.0		110	70-130	4	25
Tetrahydrofuran	17.7		µg/l		20.0		88	70-130	1	25
Ethyl ether	20.6		µg/l		20.0		103	57.2-135	1	50
Tert-amyl methyl ether	20.0		µg/l		20.0		100	70-130	6	25
Ethyl tert-butyl ether	20.9		µg/l		20.0		104	70-130	4	25
Di-isopropyl ether	19.6		µg/l		20.0		98	70-130	4	25
Tert-Butanol / butyl alcohol	108	QC2	µg/l		200		54	70-130	2	25
1,4-Dioxane	183		µg/l		200		92	41.5-136	4	25
Surrogate: 4-Bromofluorobenzene	*52.8*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*48.8*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Matrix Spike (7021339-MS1) **Source: SA58119-01**										
Prepared: 23-Feb-07 Analyzed: 24-Feb-07										
Benzene	20.1		µg/l		20.0	BRL	100	70-130		
Chlorobenzene	24.1		µg/l		20.0	BRL	120	70-130		
1,1-Dichloroethene	13.9		µg/l		20.0	BRL	70	70-130		
Toluene	20.7		µg/l		20.0	BRL	104	70-130		
Trichloroethene	19.8		µg/l		20.0	BRL	99	70-130		
Surrogate: 4-Bromofluorobenzene	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Matrix Spike Dup (7021339-MSD1) **Source: SA58119-01**										
Prepared: 23-Feb-07 Analyzed: 24-Feb-07										
Benzene	20.2		µg/l		20.0	BRL	101	70-130	1	30
Chlorobenzene	23.8		µg/l		20.0	BRL	119	70-130	0.8	30
1,1-Dichloroethene	13.6	QM7	µg/l		20.0	BRL	68	70-130	3	30
Toluene	21.2		µg/l		20.0	BRL	106	70-130	2	30
Trichloroethene	20.0		µg/l		20.0	BRL	100	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.9*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/l		*50.0*		*104*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021192 - SW846 3005A										
Blank (7021192-BLK1)										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Nickel	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.0555						
Lead	BRL		mg/l	0.0075						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
LCS (7021192-BS1)										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Zinc	0.495		mg/l	0.0050	0.500		99	85-115		
Nickel	0.481		mg/l	0.0050	0.500		96	85-115		
Lead	0.474		mg/l	0.0075	0.500		95	85-115		
Selenium	0.455		mg/l	0.0150	0.500		91	85-115		
Chromium	0.482		mg/l	0.0050	0.500		96	85-115		
Arsenic	0.460		mg/l	0.0040	0.500		92	85-115		
Silver	0.423	QC1	mg/l	0.0050	0.500		85	85-115		
Copper	0.500		mg/l	0.0050	0.500		100	85-115		
Barium	0.472		mg/l	0.0050	0.500		94	85-115		
Cadmium	0.487		mg/l	0.0025	0.500		97	85-115		
LCS Dup (7021192-BSD1)										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Selenium	0.459		mg/l	0.0150	0.500		92	85-115	0.9	20
Zinc	0.497		mg/l	0.0050	0.500		99	85-115	0.4	20
Lead	0.477		mg/l	0.0075	0.500		95	85-115	0.6	20
Nickel	0.485		mg/l	0.0050	0.500		97	85-115	0.8	20
Silver	0.429		mg/l	0.0050	0.500		86	85-115	1	20
Arsenic	0.464		mg/l	0.0040	0.500		93	85-115	0.9	20
Cadmium	0.489		mg/l	0.0025	0.500		98	85-115	0.4	20
Barium	0.471		mg/l	0.0050	0.500		94	85-115	0.2	20
Chromium	0.490		mg/l	0.0050	0.500		98	85-115	2	20
Copper	0.501		mg/l	0.0050	0.500		100	85-115	0.2	20
Duplicate (7021192-DUP1) **Source: SA58330-19**										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Nickel	BRL		mg/l	0.0050		BRL				20
Lead	0.0070	J	mg/l	0.0075		0.0063			11	20
Zinc	0.0189	J,QR1	mg/l	0.0555		0.0283			40	20
Selenium	BRL		mg/l	0.0150		BRL				20
Cadmium	0.0002	J	mg/l	0.0025		0.0002			0	20
Barium	BRL		mg/l	0.0050		BRL				20
Silver	0.0014	J	mg/l	0.0050		0.0016			13	20
Chromium	BRL		mg/l	0.0050		BRL				20
Copper	BRL		mg/l	0.0050		0.0014				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Matrix Spike (7021192-MS1) **Source: SA58353-02**										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Selenium	0.462		mg/l	0.0150	0.500	BRL	92	75-125		
Zinc	0.520		mg/l	0.0050	0.500	0.0245	99	75-125		
Lead	0.477		mg/l	0.0075	0.500	0.0048	94	75-125		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021192 - SW846 3005A										
Matrix Spike (7021192-MS1) Source: SA58353-02										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Nickel	0.485		mg/l	0.0050	0.500	BRL	97	75-125		
Copper	0.518		mg/l	0.0050	0.500	BRL	104	75-125		
Silver	0.438		mg/l	0.0050	0.500	BRL	88	75-125		
Cadmium	0.491		mg/l	0.0025	0.500	BRL	98	75-125		
Arsenic	0.476		mg/l	0.0040	0.500	BRL	95	75-125		
Barium	0.513		mg/l	0.0050	0.500	0.0250	98	75-125		
Chromium	0.487		mg/l	0.0050	0.500	BRL	97	75-125		
Matrix Spike Dup (7021192-MSD1) Source: SA58353-02										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Nickel	0.474		mg/l	0.0050	0.500	BRL	95	75-125	2	20
Lead	0.471		mg/l	0.0075	0.500	0.0048	93	75-125	1	20
Selenium	0.453		mg/l	0.0150	0.500	BRL	91	75-125	2	20
Zinc	0.506		mg/l	0.0050	0.500	0.0245	96	75-125	3	20
Silver	0.432		mg/l	0.0050	0.500	BRL	86	75-125	1	20
Cadmium	0.482		mg/l	0.0025	0.500	BRL	96	75-125	2	20
Barium	0.495		mg/l	0.0050	0.500	0.0250	94	75-125	4	20
Arsenic	0.463		mg/l	0.0040	0.500	BRL	93	75-125	3	20
Copper	0.508		mg/l	0.0050	0.500	BRL	102	75-125	2	20
Chromium	0.479		mg/l	0.0050	0.500	BRL	96	75-125	2	20
Post Spike (7021192-PS1) Source: SA58353-02										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Lead	0.468		mg/l	0.0075	0.500	0.0048	93	80-120		
Selenium	0.451		mg/l	0.0150	0.500	BRL	90	80-120		
Zinc	0.492		mg/l	0.0050	0.500	0.0245	94	80-120		
Nickel	0.471		mg/l	0.0050	0.500	BRL	94	80-120		
Copper	0.507		mg/l	0.0050	0.500	BRL	101	80-120		
Chromium	0.478		mg/l	0.0050	0.500	BRL	96	80-120		
Arsenic	0.460		mg/l	0.0040	0.500	BRL	92	80-120		
Barium	0.491		mg/l	0.0050	0.500	0.0250	93	80-120		
Cadmium	0.479		mg/l	0.0025	0.500	BRL	96	80-120		
Batch 7030231 - SW846 3005A										
Blank (7030231-BLK1)										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Lead	BRL		mg/l	0.0075						
Nickel	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
Chromium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
LCS (7030231-BS1)										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Zinc	0.504		mg/l	0.0050	0.500		101	85-115		
Selenium	0.467		mg/l	0.0150	0.500		93	85-115		
Lead	0.465		mg/l	0.0075	0.500		93	85-115		
Nickel	0.468		mg/l	0.0050	0.500		94	85-115		
Arsenic	0.461		mg/l	0.0040	0.500		92	85-115		
Barium	0.501		mg/l	0.0050	0.500		100	85-115		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7030231 - SW846 3005A										
LCS (7030231-BS1)										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Copper	0.495		mg/l	0.0050	0.500		99	85-115		
Chromium	0.482		mg/l	0.0050	0.500		96	85-115		
Cadmium	0.490		mg/l	0.0025	0.500		98	85-115		
LCS Dup (7030231-BSD1)										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Lead	0.459		mg/l	0.0075	0.500		92	85-115	1	20
Zinc	0.493		mg/l	0.0050	0.500		99	85-115	2	20
Nickel	0.461		mg/l	0.0050	0.500		92	85-115	2	20
Selenium	0.465		mg/l	0.0150	0.500		93	85-115	0.4	20
Copper	0.494		mg/l	0.0050	0.500		99	85-115	0.2	20
Arsenic	0.454		mg/l	0.0040	0.500		91	85-115	2	20
Cadmium	0.482		mg/l	0.0025	0.500		96	85-115	2	20
Barium	0.497		mg/l	0.0050	0.500		99	85-115	0.8	20
Chromium	0.472		mg/l	0.0050	0.500		94	85-115	2	20
Duplicate (7030231-DUP1) Source: SA58353-11										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Zinc	0.0292	QR1	mg/l	0.0050		0.0178			49	20
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	0.0023	J	mg/l	0.0075		BRL				20
Nickel	1.20		mg/l	0.0050		1.21			0.8	20
Barium	0.111		mg/l	0.0050		0.112			0.9	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Cadmium	0.0057		mg/l	0.0025		0.0058			2	20
Chromium	0.784		mg/l	0.0050		0.792			1	20
Copper	0.0022	J	mg/l	0.0050		0.0022			0	20
Matrix Spike (7030231-MS1) Source: SA58353-13										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Nickel	0.486		mg/l	0.0050	0.500	0.0180	94	75-125		
Lead	0.462		mg/l	0.0075	0.500	0.0028	92	75-125		
Zinc	0.560		mg/l	0.0050	0.500	0.0399	104	75-125		
Selenium	0.488		mg/l	0.0150	0.500	BRL	98	75-125		
Cadmium	0.500		mg/l	0.0025	0.500	0.0004	100	75-125		
Arsenic	0.477		mg/l	0.0040	0.500	BRL	95	75-125		
Chromium	0.490		mg/l	0.0050	0.500	0.0042	97	75-125		
Barium	0.553		mg/l	0.0050	0.500	0.0446	102	75-125		
Copper	1.01		mg/l	0.0050	0.500	0.494	103	75-125		
Matrix Spike Dup (7030231-MSD1) Source: SA58353-13										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Zinc	0.558		mg/l	0.0050	0.500	0.0399	104	75-125	0.4	20
Nickel	0.483		mg/l	0.0050	0.500	0.0180	93	75-125	0.6	20
Lead	0.459		mg/l	0.0075	0.500	0.0028	91	75-125	0.7	20
Selenium	0.478		mg/l	0.0150	0.500	BRL	96	75-125	2	20
Arsenic	0.475		mg/l	0.0040	0.500	BRL	95	75-125	0.4	20
Barium	0.552		mg/l	0.0050	0.500	0.0446	101	75-125	0.2	20
Cadmium	0.496		mg/l	0.0025	0.500	0.0004	99	75-125	0.8	20
Chromium	0.487		mg/l	0.0050	0.500	0.0042	97	75-125	0.6	20
Copper	1.00		mg/l	0.0050	0.500	0.494	101	75-125	1	20
Post Spike (7030231-PS1) Source: SA58353-13										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Nickel	0.469		mg/l	0.0050	0.500	0.0180	90	80-120		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7030231 - SW846 3005A										
Post Spike (7030231-PS1) Source: SA58353-13										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Selenium	0.462		mg/l	0.0150	0.500	BRL	92	80-120		
Zinc	0.541		mg/l	0.0050	0.500	0.0399	100	80-120		
Lead	0.447		mg/l	0.0075	0.500	0.0028	89	80-120		
Chromium	0.473		mg/l	0.0050	0.500	0.0042	94	80-120		
Arsenic	0.462		mg/l	0.0040	0.500	BRL	92	80-120		
Barium	0.532		mg/l	0.0050	0.500	0.0446	97	80-120		
Cadmium	0.481		mg/l	0.0025	0.500	0.0004	96	80-120		
Copper	0.975		mg/l	0.0050	0.500	0.494	96	80-120		
Batch 7030382 - SW846 3005A										
Blank (7030382-BLK1)										
Prepared & Analyzed: 07-Mar-07										
Silver	0.0100	QB2	mg/l	0.0100						
LCS (7030382-BS1)										
Prepared & Analyzed: 07-Mar-07										
Silver	0.841	QC3	mg/l	0.0100	1.00		84	85-115		
LCS Dup (7030382-BSD1)										
Prepared & Analyzed: 07-Mar-07										
Silver	0.812	QC3	mg/l	0.0100	1.00		81	85-115	4	20
Duplicate (7030382-DUP1) Source: SA58353-11										
Prepared & Analyzed: 07-Mar-07										
Silver	BRL		mg/l	0.0100		BRL				20
Matrix Spike (7030382-MS1) Source: SA58353-13										
Prepared & Analyzed: 07-Mar-07										
Silver	0.873		mg/l	0.0100	1.00	BRL	87	75-125		
Matrix Spike Dup (7030382-MSD1) Source: SA58353-13										
Prepared & Analyzed: 07-Mar-07										
Silver	0.840		mg/l	0.0100	1.00	BRL	84	75-125	4	20
Post Spike (7030382-PS1) Source: SA58353-13										
Prepared & Analyzed: 07-Mar-07										
Silver	0.875		mg/l	0.0100	1.00	BRL	88	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021193 - EPA200/SW7000 Series										
Blank (7021193-BLK1)										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Mercury	BRL		mg/l	0.00020						
LCS (7021193-BS1)										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Mercury	0.00277		mg/l	0.00020	0.00250		111	85-115		
Duplicate (7021193-DUP1) Source: SA58330-19										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Mercury	0.00007	J	mg/l	0.00020		BRL				20
Matrix Spike (7021193-MS1) Source: SA58353-02										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Mercury	0.00304		mg/l	0.00020	0.00250	BRL	122	75-125		
Matrix Spike Dup (7021193-MSD1) Source: SA58353-02										
Prepared: 26-Feb-07 Analyzed: 27-Feb-07										
Mercury	0.00297		mg/l	0.00020	0.00250	BRL	119	75-125	2	20
Batch 7030232 - EPA200/SW7000 Series										
Blank (7030232-BLK1)										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Mercury	BRL		mg/l	0.00020						
LCS (7030232-BS1)										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Mercury	0.00262		mg/l	0.00020	0.00250		105	85-115		
Duplicate (7030232-DUP1) Source: SA58353-11										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7030232-MS1) Source: SA58353-13										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Mercury	0.00239		mg/l	0.00020	0.00250	0.00005	94	75-125		
Matrix Spike Dup (7030232-MSD1) Source: SA58353-13										
Prepared: 06-Mar-07 Analyzed: 07-Mar-07										
Mercury	0.00246		mg/l	0.00020	0.00250	0.00005	96	75-125	3	20

Notes and Definitions

RE	Reanalysis for data confirmation
E	The concentration indicated for this analyte is an estimated value This value is considered an estimate (CLP E-flag).
FP	Field Preserved
LP	Lab Preserved
NFTC	None found
PH	Insufficient preservative to reduce the sample pH to less than 2.
QB2	The method blank contains analyte at a concentration above the MRL, however no reportable concentration is present in the sample.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR1	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.
R05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
V11	Analyte presence was confirmed by duplicate analysis
Z-2	Analyt out of acceptance range in BS/BSD. Sample rerun with acceptable batch QC.
Z-2a	Analyte out of acceptance range in BS/BSD. Sample rerun with acceptable batch QC.
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

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC

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. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA
Client: Loureiro Engineering Associates - Plainv

Project Location: MacDermid - Waterbury, CT
Project Number: 91MH603.001

Sampling Date(s):
16-Feb-07

Laboratory Sample ID(s):
SA58353-01 through SA58353-17

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	☑ Yes ☐ No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4° C ± 2°)? If no, the attached narrative should include any explanation as to acceptability of samples received at other temperatures	☑ Yes ☐ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits specified on the chain-of-custody met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific QC samples included in this data set?	☑ Yes ☐ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1 is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 3/8/2007

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

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: Christina Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Sciimenc

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN: _____

Project No.: 91MH1003.001
Site Name: MacDermid
Location: Waterbury, CT State: _____
Sampler(s): D. Ryder, T. Sweeton, C. Venable

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: 8260B (VOCs)	RCRA 8+Cu,Ni,Zn	QA Reporting Notes:
8355-01	1197675	2/16/07	12:00	G	SO	2	3				X		* added Analytes per client fax
↓	1197675					4				1		X	Hold
02	1197675DUP		↓			4				1		X	
03	1197676		11:00			2	3				X		
↓	1197676		↓			4				1		X	Hold
04	1197676DUP		↓			4				1		X	
05	1197678		15:00			2	3				X		
↓	1197678		↓			4				1		X	Hold
06	1197678DUP	↓	↓	↓	↓	4				1		X	

Analyses: 8260B (VOCs) @ 10.00 (RCRA 8+Cu,Ni,Zn)

QA Reporting Notes (check if needed):
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☒ Standard ☐ No QC
- (4) ☒ Other _____

State specific reporting standards: GA Residential

☐ Fax results when available to (____) _____
☒ E-mail to cvenable@lourenco.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.3

Relinquished by:	Received by:	Date:	Time:
	LEA Fridge	2/16/07	17:50
		2/20/07	1035
		2-20-07	1505

58353

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

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: Christina Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN:

Project No.: 91MH603.001
Site Name: MacDermid
Location: Waterbury, CT State:
Sampler(s): D Ryder, J. Sweeton, C. Venable

1=Na_2S2O_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

Containers: Analyses:

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other_____
State specific reporting standards: GA, Residential

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs 8260B	RCRA8+Cu,Ni,Zn							
58353-07	1197679	2/16/07	13:45	G	GW	2	3					X								
↓	1197679	↓	↓	↓	↓	4				1			X							Hold
-08	1197679uf					4				1			X							
-09	1197680		15:25			2	3					X								
↓	1197680		↓			4				1			X							Hold
-10	1197680uf					4				1			X							
-11	1197681		10:50			2	3					X								
↓	1197681		↓			4				1			X							~~Hold~~ Analyze for
-12	1197681uf					4				1			X							RcRa8+Cu,Ni,Zn

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 23

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	2/16/07	17:30
Jamie L. Jones	[signature]	2/20/07	1135
[signature]	[signature]	2-20-07	1505

58353

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

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: C. Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN: _____

Project No.: 91MH603
Site Name: MacDermid
Location: Waterbury, CT State: _____
Sampler(s): D. Ryder, C. Venable, J. Sweeton

1=Na_2S2O_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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260B	RCRA8+Cu,Ni,Zn							QA Reporting Notes: (check if needed)
58353-13	1197687	2/16/07	12:30	G	GW	2	3					X								
14	1197687					4				1			X							~~Hold~~ Analyze for
14	1197687uf					4				1			X							RcRa8 + Cu, Ni, Zn
15	1197692		14:30			2	3					X								
16	1197692uf					4				1			X							Please Provide CT RCP
17	1197677		14:50			2	3					X								report.
						4				1			X							State specific reporting
																				levels: CT GA,
																				residential

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 23

Relinquished by:	Received by:	Date:	Time:
[signature]	LEA Fridge	2/16/07	17:30
Jamod Jaler	[signature]	2-20-07	1635
[signature]	[signature]	2-20-07	505

FAIS

SA8353 3 mg R

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

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: Christina Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN: _____

Project No.: 91MH6603.001
Site Name: MacDermid
Location: Waterbury, CT State: _____
Sampler(s): D. Ryder, J. Sweeton, C. Venable

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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260B	RCRA8+Cu,Ni,Zn	8260B (VOCs)	QA Reporting Notes: (check if needed)
A58353-01	1197675	2/16/07	12:00	G	GW	2	3						X	
↓	1197675					4				1		X		Hold
02	1197675f		↓			4				1		X		
03	1197676		11:00			2	3						X	
↓	1197676		↓			4				1		X		Hold
04	1197676f		↓			4				1		X		
05	1197678		15:00			2	3						X	
↓	1197678		↓			4				1		X		Hold
06	1197678f	↓	↓	↓	↓	4				1		X		

☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☒ Other _____

State specific reporting standards: GA, Residential

☐ Fax results when available to (____) _____
☒ E-mail to cvenable@loureiro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.3 Fax

Relinquished by:	Received by:	Date:	Time:
	LEA Fridge	2/16/07	17:50
Jamie Lafave		2-20-07	1035
	Lily Hastings	2-20-07	1505

58353

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

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: Christina Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN: _____

Project No.: 91MH603.001
Site Name: MacDermid
Location: Waterbury, CT State: _____
Sampler(s): D.Ryder, J.Sweeton, C.Venable

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 8260B	RCRA8+Cu,Ni,Zn	QA Reporting Notes: (check if needed)
58353-01	1197679	2/16/07	13:45	G	GW	2	3				X		
↓	1197679					4				1		X	Hold
-08	1197679uf		↓			4				1		X	
-09	1197680		15:25			2	3				X		
↓	1197680		↓			4				1		X	Hold
-10	1197680uf					4				1		X	
-11	1197681		10:50			2	3				X		
↓	1197681		↓			4				1		X	Hold
-12	1197681uf	↓	↓	↓	↓	4				1		X	

QA Reporting Notes:
- ☐ Provide MA DEP MCP CAM Report
- ☑ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☑ Standard ☐ No QC
- ☐ Other _____

State specific reporting standards: GA, Residential

☐ Fax results when available to (____) _____
☒ E-mail to cvenable@lourciro.com
EDD Format LEA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 23

Relinquished by:	Received by:	Date:	Time:
	LEA Fridge	2/16/07	17:30
James L Jaus	M L Scott	2/20/07	1135
M L Scott	Gil Hoang	2-20-07	1505

5833

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

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: C. Venable
LEA
100 Northwest Dr
Plainville, CT
Project Mgr.: Tom Sealmeos

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN:

Project No.: 91MH6603
Site Name: MacDermid
Location: Waterbury, CT State:
Sampler(s): D Ryder, C Venable, J Sweeton

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: VOC 8260B	RCRA8+Cu,Ni,Zn	QA Reporting Notes: (check if needed)
5833-13	1197687	2/16/07	12:30	G	GW	2	3				X		
-14	1197687d					4				1		SO	Hold
-15	1197692		14:30			2	3				X		
-16	1197692d					4				1		X	Please Provide CT RCP report.
-17	1197677		14:50			2	3				X		
						4				1		X	GW State specific reporting levels: CT GA, residential

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 (____) _____
☑ E-mail to clvenable@loureiro.com
EDD Format LEA
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 23 FAS

Relinquished by:	Received by:	Date:	Time:
	LEA Fridge	2/16/07	17:30
		2-20-07	1035
		2-20-07	1505

Report Date:
01-Mar-07 14:34

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Christine Venable

Project: MacDermid - Waterbury, CT
Project 91MH603

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA58424-01	1197683	Ground Water	20-Feb-07 10:26	21-Feb-07 15:00
SA58424-02	1197683uf	Ground Water	20-Feb-07 10:26	21-Feb-07 15:00
SA58424-03	1197684	Ground Water	20-Feb-07 09:45	21-Feb-07 15:00

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met
Please note that this report contains 19 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical Inc.

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

CT RCP CASE NARRATIVE: All RCP

The data set for work order SA58424 complies with internal QC criteria for the methods performed

e samples were received @ 6.0 degrees Celsius. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol(RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

Trans-1,4-Dichloro-2-butene for 8260, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for 8270 full, which are identified in the method specific analyte lists presented in the Reasonable Confidence Protocol(RCP) documents are not included in the analyte lists provided in this report. The following analytes identified in the CTDEP RCP method specific analyte list for Air Method TO-15 will not be included in this report: Acrylonitrile, n-Butylbenzene, sec-Butylbenzene, 1,3-Dichlorobenzene, Isopropylbenzene (Cumeme), 4-Isopropyltoluene and 1,1,1,2-Tetrachloroethane.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult Although they may still be within the commended 70%-130% recovery range, a range has been set based on historical control limits. Please refer to "Notes and Definitions" for all sample/analyte qualifiers. Qualifiers will narrate any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197683 SA58424-01	91MH603	Ground Water	20-Feb-07 10:26	21-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	27-Feb-07	27-Feb-07	7021521	jro
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197683 SA58424-01	91MH603	Ground Water	20-Feb-07 10:26	21-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	27-Feb-07	27-Feb-07	7021521	jro
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	5.8		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	6.4		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
8-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197683uf SA58424-02	91MH603	Ground Water	20-Feb-07 10:26	21-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 6010B	28-Feb-07	28-Feb-07	7021599	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	27-Feb-07	27-Feb-07	7021398	"
7440-39-3	Barium	0.0174		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0152		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	27-Feb-07	28-Feb-07	7021399	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1197684 SA58424-03	91MH603	Ground Water	20-Feb-07 09:45	21-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	27-Feb-07	27-Feb-07	7021521	jro
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	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
1197684 SA58424-03	91MH603	Ground Water	20-Feb-07 09:45	21-Feb-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW 846 8260B	27-Feb-07	27-Feb-07	7021521	jro
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021521 - SW846 5030 Water MS										
Blank (7021521-BLK1)										
Prepared & Analyzed: 27-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021521 - SW846 5030 Water MS										
Blank (7021521-BLK1)										
Prepared & Analyzed: 27-Feb-07										
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*31.4*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.3*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*29.5*		µg/l		*30.0*		*98*	*70-130*		
Blank (7021521-BLK2)										
Prepared & Analyzed: 27-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	5.0						
Acetone	BRL		µg/l	50.0						
Acrylonitrile	BRL		µg/l	5.0						
Benzene	BRL		µg/l	5.0						
Bromobenzene	BRL		µg/l	5.0						
Bromochloromethane	BRL		µg/l	5.0						
Bromodichloromethane	BRL		µg/l	5.0						
Bromoform	BRL		µg/l	5.0						
Bromomethane	BRL		µg/l	10.0						
2-Butanone (MEK)	BRL		µg/l	50.0						
n-Butylbenzene	BRL		µg/l	5.0						
sec-Butylbenzene	BRL		µg/l	5.0						
tert-Butylbenzene	BRL		µg/l	5.0						
Carbon disulfide	BRL		µg/l	25.0						
Carbon tetrachloride	BRL		µg/l	5.0						
Chlorobenzene	BRL		µg/l	5.0						
Chloroethane	BRL		µg/l	10.0						
Chloroform	BRL		µg/l	5.0						
Chloromethane	BRL		µg/l	10.0						
2-Chlorotoluene	BRL		µg/l	5.0						
4-Chlorotoluene	BRL		µg/l	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	10.0						
Dibromochloromethane	BRL		µg/l	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	5.0						
Dibromomethane	BRL		µg/l	5.0						
1,2-Dichlorobenzene	BRL		µg/l	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021521 - SW846 5030 Water MS										
Blank (7021521-BLK2)										
Prepared & Analyzed: 27-Feb-07										
1,3-Dichlorobenzene	BRL		µg/l	5.0						
1,4-Dichlorobenzene	BRL		µg/l	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	10.0						
1,1-Dichloroethane	BRL		µg/l	5.0						
1,2-Dichloroethane	BRL		µg/l	5.0						
1,1-Dichloroethene	BRL		µg/l	5.0						
cis-1,2-Dichloroethene	BRL		µg/l	5.0						
trans-1,2-Dichloroethene	BRL		µg/l	5.0						
1,2-Dichloropropane	BRL		µg/l	5.0						
1,3-Dichloropropane	BRL		µg/l	5.0						
2,2-Dichloropropane	BRL		µg/l	5.0						
1,1-Dichloropropene	BRL		µg/l	5.0						
cis-1,3-Dichloropropene	BRL		µg/l	5.0						
trans-1,3-Dichloropropene	BRL		µg/l	5.0						
Ethylbenzene	BRL		µg/l	5.0						
Hexachlorobutadiene	BRL		µg/l	5.0						
2-Hexanone (MBK)	BRL		µg/l	50.0						
Isopropylbenzene	BRL		µg/l	5.0						
4-Isopropyltoluene	BRL		µg/l	5.0						
Methyl tert-butyl ether	BRL		µg/l	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	50.0						
Methylene chloride	BRL		µg/l	50.0						
Naphthalene	BRL		µg/l	5.0						
n-Propylbenzene	BRL		µg/l	5.0						
Styrene	BRL		µg/l	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	5.0						
Tetrachloroethene	BRL		µg/l	5.0						
Toluene	BRL		µg/l	5.0						
1,2,3-Trichlorobenzene	BRL		µg/l	5.0						
1,2,4-Trichlorobenzene	BRL		µg/l	5.0						
1,1,1-Trichloroethane	BRL		µg/l	5.0						
1,1,2-Trichloroethane	BRL		µg/l	5.0						
Trichloroethene	BRL		µg/l	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	5.0						
1,2,3-Trichloropropane	BRL		µg/l	5.0						
1,2,4-Trimethylbenzene	BRL		µg/l	5.0						
1,3,5-Trimethylbenzene	BRL		µg/l	5.0						
Vinyl chloride	BRL		µg/l	5.0						
m,p-Xylene	BRL		µg/l	10.0						
o-Xylene	BRL		µg/l	5.0						
Tetrahydrofuran	BRL		µg/l	50.0						
Ethyl ether	BRL		µg/l	5.0						
Tert-amyl methyl ether	BRL		µg/l	5.0						
Ethyl tert-butyl ether	BRL		µg/l	5.0						
Di-isopropyl ether	BRL		µg/l	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	50.0						
1,4-Dioxane	BRL		µg/l	100						
Surrogate: 4-Bromofluorobenzene	*28.1*		µg/l		*30.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*28.5*		µg/l		*30.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*21.6*		µg/l		*30.0*		*72*	*70-130*		
Surrogate: Dibromofluoromethane	*24.6*		µg/l		*30.0*		*82*	*70-130*		
LCS (7021521-BS1)										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021521 - SW846 5030 Water MS										
Prepared & Analyzed: 27-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.4		µg/l		20.0		77	70-130		
Acetone	19.5		µg/l		20.0		98	32.4-154		
Acrylonitrile	23.2		µg/l		20.0		116	70-130		
Benzene	14.8		µg/l		20.0		74	70-130		
Bromobenzene	16.8		µg/l		20.0		84	70-130		
Bromochloromethane	17.7		µg/l		20.0		88	70-130		
Bromodichloromethane	18.4		µg/l		20.0		92	70-130		
Bromoform	19.7		µg/l		20.0		98	70-130		
Bromomethane	17.8		µg/l		20.0		89	57.6-150		
2-Butanone (MEK)	18.2		µg/l		20.0		91	46.5-137		
n-Butylbenzene	15.7		µg/l		20.0		78	70-130		
sec-Butylbenzene	14.6		µg/l		20.0		73	70-130		
tert-Butylbenzene	15.5		µg/l		20.0		78	70-130		
Carbon disulfide	16.8		µg/l		20.0		84	70-130		
Carbon tetrachloride	14.0		µg/l		20.0		70	70-130		
Chlorobenzene	15.9		µg/l		20.0		80	70-130		
Chloroethane	17.5		µg/l		20.0		88	57.6-143		
Chloroform	15.4		µg/l		20.0		77	70-130		
Chloromethane	14.9		µg/l		20.0		74	70-130		
2-Chlorotoluene	16.4		µg/l		20.0		82	70-130		
4-Chlorotoluene	16.3		µg/l		20.0		82	70-130		
1,2-Dibromo-3-chloropropane	21.2		µg/l		20.0		106	70-130		
Dibromochloromethane	17.6		µg/l		20.0		88	62.5-139		
1,2-Dibromoethane (EDB)	19.0		µg/l		20.0		95	70-130		
Dibromomethane	19.1		µg/l		20.0		96	70-130		
1,2-Dichlorobenzene	17.8		µg/l		20.0		89	70-130		
1,3-Dichlorobenzene	16.2		µg/l		20.0		81	70-130		
1,4-Dichlorobenzene	16.5		µg/l		20.0		82	70-130		
Dichlorodifluoromethane (Freon12)	17.4		µg/l		20.0		87	34.6-198		
1,1-Dichloroethane	15.8		µg/l		20.0		79	70-130		
1,2-Dichloroethane	18.1		µg/l		20.0		90	70-130		
1,1-Dichloroethene	14.0		µg/l		20.0		70	70-130		
cis-1,2-Dichloroethene	16.3		µg/l		20.0		82	70-130		
trans-1,2-Dichloroethene	14.6		µg/l		20.0		73	70-130		
1,2-Dichloropropane	16.9		µg/l		20.0		84	70-130		
1,3-Dichloropropane	19.1		µg/l		20.0		96	70-130		
2,2-Dichloropropane	15.4		µg/l		20.0		77	70-130		
1,1-Dichloropropene	14.9		µg/l		20.0		74	70-130		
cis-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130		
trans-1,3-Dichloropropene	18.6		µg/l		20.0		93	70-130		
Ethylbenzene	15.0		µg/l		20.0		75	70-130		
Hexachlorobutadiene	14.4		µg/l		20.0		72	63.4-142		
2-Hexanone (MBK)	23.3		µg/l		20.0		116	70-130		
Isopropylbenzene	14.7		µg/l		20.0		74	70-130		
4-Isopropyltoluene	15.9		µg/l		20.0		80	70-130		
Methyl tert-butyl ether	20.3		µg/l		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	21.8		µg/l		20.0		109	51-135		
Methylene chloride	15.2		µg/l		20.0		76	70-130		
Naphthalene	19.5		µg/l		20.0		98	70-130		
n-Propylbenzene	15.2		µg/l		20.0		76	70-130		
Styrene	16.6		µg/l		20.0		83	70-130		
1,1,1,2-Tetrachloroethane	16.8		µg/l		20.0		84	70-130		
1,1,2,2-Tetrachloroethane	20.0		µg/l		20.0		100	70-130		
Tetrachloroethene	14.1		µg/l		20.0		70	70-130		
Toluene	15.1		µg/l		20.0		76	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021521 - SW846 5030 Water MS										
LCS (7021521-BS1)										
Prepared & Analyzed: 27-Feb-07										
1,2,3-Trichlorobenzene	17.4		µg/l		20.0		87	70-130		
1,2,4-Trichlorobenzene	16.6		µg/l		20.0		83	70-130		
1,1,1-Trichloroethane	14.8		µg/l		20.0		74	70-130		
1,1,2-Trichloroethane	19.5		µg/l		20.0		98	70-130		
Trichloroethene	15.0		µg/l		20.0		75	70-130		
Trichlorofluoromethane (Freon 11)	15.4		µg/l		20.0		77	63.2-153		
1,2,3-Trichloropropane	22.4		µg/l		20.0		112	70-130		
1,2,4-Trimethylbenzene	15.7		µg/l		20.0		78	70-130		
1,3,5-Trimethylbenzene	16.1		µg/l		20.0		80	70-130		
Vinyl chloride	16.6		µg/l		20.0		83	70-130		
m,p-Xylene	31.1		µg/l		40.0		78	70-130		
o-Xylene	16.2		µg/l		20.0		81	70-130		
Tetrahydrofuran	21.1		µg/l		20.0		106	70-130		
Ethyl ether	19.6		µg/l		20.0		98	57.2-135		
Tert-amyl methyl ether	18.8		µg/l		20.0		94	70-130		
Ethyl tert-butyl ether	19.4		µg/l		20.0		97	70-130		
Di-isopropyl ether	19.4		µg/l		20.0		97	70-130		
Tert-Butanol / butyl alcohol	236		µg/l		200		118	70-130		
1,4-Dioxane	219		µg/l		200		110	41.5-136		
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/l		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.2*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*28.7*		µg/l		*30.0*		*96*	*70-130*		
LCS Dup (7021521-BSD1)										
Prepared & Analyzed: 27-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	14.4		µg/l		20.0		72	70-130	7	25
Acetone	21.6		µg/l		20.0		108	32.4-154	10	50
Acrylonitrile	22.8		µg/l		20.0		114	70-130	2	25
Benzene	14.1		µg/l		20.0		70	70-130	6	25
Bromobenzene	16.6		µg/l		20.0		83	70-130	1	25
Bromochloromethane	16.8		µg/l		20.0		84	70-130	5	25
Bromodichloromethane	16.6		µg/l		20.0		83	70-130	10	25
Bromoform	18.0		µg/l		20.0		90	70-130	9	25
Bromomethane	17.0		µg/l		20.0		85	57.6-150	5	50
2-Butanone (MEK)	23.8		µg/l		20.0		119	46.5-137	27	50
n-Butylbenzene	14.5		µg/l		20.0		72	70-130	8	25
sec-Butylbenzene	14.2		µg/l		20.0		71	70-130	3	25
tert-Butylbenzene	14.5		µg/l		20.0		72	70-130	8	25
Carbon disulfide	15.0		µg/l		20.0		75	70-130	11	25
Carbon tetrachloride	15.0		µg/l		20.0		75	70-130	7	25
Chlorobenzene	15.2		µg/l		20.0		76	70-130	5	25
Chloroethane	16.0		µg/l		20.0		80	57.6-143	10	50
Chloroform	14.3		µg/l		20.0		72	70-130	7	25
Chloromethane	15.2		µg/l		20.0		76	70-130	3	25
2-Chlorotoluene	15.8		µg/l		20.0		79	70-130	4	25
4-Chlorotoluene	15.8		µg/l		20.0		79	70-130	4	25
1,2-Dibromo-3-chloropropane	19.6		µg/l		20.0		98	70-130	8	25
Dibromochloromethane	16.7		µg/l		20.0		84	62.5-139	5	50
1,2-Dibromoethane (EDB)	18.2		µg/l		20.0		91	70-130	4	25
Dibromomethane	16.9		µg/l		20.0		84	70-130	13	25
1,2-Dichlorobenzene	16.9		µg/l		20.0		84	70-130	6	25
1,3-Dichlorobenzene	16.3		µg/l		20.0		82	70-130	1	25
1,4-Dichlorobenzene	15.7		µg/l		20.0		78	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021521 - SW846 5030 Water MS										
LCS Dup (7021521-BSD1)										
Prepared & Analyzed: 27-Feb-07										
Dichlorodifluoromethane (Freon12)	16.7		µg/l		20.0		84	34.6-198	4	50
',1-Dichloroethane	14.8		µg/l		20.0		74	70-130	7	25
',2-Dichloroethane	16.5		µg/l		20.0		82	70-130	9	25
',1-Dichloroethene	13.3	QC1	µg/l		20.0		66	70-130	6	25
cis-1,2-Dichloroethene	14.8		µg/l		20.0		74	70-130	10	25
trans-1,2-Dichloroethene	14.1		µg/l		20.0		70	70-130	4	25
',2-Dichloropropane	16.2		µg/l		20.0		81	70-130	4	25
',3-Dichloropropane	18.1		µg/l		20.0		90	70-130	6	25
2,2-Dichloropropane	14.4		µg/l		20.0		72	70-130	7	25
1,1-Dichloropropene	14.3		µg/l		20.0		72	70-130	3	25
cis-1,3-Dichloropropene	16.5		µg/l		20.0		82	70-130	9	25
trans-1,3-Dichloropropene	*16.9*		*µg/l*		*20.0*		*84*	*70-130*	*10*	*25*
Ethylbenzene	14.8		µg/l		20.0		74	70-130	1	25
Hexachlorobutadiene	14.0		µg/l		20.0		70	63.4-142	3	50
2-Hexanone (MBK)	22.4		µg/l		20.0		112	70-130	4	25
Isopropylbenzene	14.0		µg/l		20.0		70	70-130	6	25
4-Isopropyltoluene	15.0		µg/l		20.0		75	70-130	6	25
Methyl tert-butyl ether	18.6		µg/l		20.0		93	70-130	9	25
4-Methyl-2-pentanone (MIBK)	20.5		µg/l		20.0		102	51-135	7	50
Methylene chloride	16.4		µg/l		20.0		82	70-130	8	25
Naphthalene	18.2		µg/l		20.0		91	70-130	7	25
n-Propylbenzene	14.2		µg/l		20.0		71	70-130	7	25
Styrene	16.2		µg/l		20.0		81	70-130	2	25
',1,1,2-Tetrachloroethane	17.0		µg/l		20.0		85	70-130	1	25
1,1,2,2-Tetrachloroethane	19.8		µg/l		20.0		99	70-130	1	25
Tetrachloroethene	12.8	QC1	µg/l		20.0		64	70-130	9	25
Toluene	14.0		µg/l		20.0		70	70-130	8	25
1,2,3-Trichlorobenzene	17.1		µg/l		20.0		86	70-130	1	25
1,2,4-Trichlorobenzene	16.3		µg/l		20.0		82	70-130	1	25
1,1,1-Trichloroethane	13.5	QC1	µg/l		20.0		68	70-130	8	25
1,1,2-Trichloroethane	18.2		µg/l		20.0		91	70-130	7	25
Trichloroethene	14.3		µg/l		20.0		72	70-130	4	25
Trichlorofluoromethane (Freon 11)	14.1		µg/l		20.0		70	63.2-153	10	50
1,2,3-Trichloropropane	22.3		µg/l		20.0		112	70-130	0	25
1,2,4-Trimethylbenzene	15.4		µg/l		20.0		77	70-130	1	25
1,3,5-Trimethylbenzene	15.4		µg/l		20.0		77	70-130	4	25
Vinyl chloride	15.4		µg/l		20.0		77	70-130	8	25
m,p-Xylene	28.6		µg/l		40.0		72	70-130	8	25
o-Xylene	15.5		µg/l		20.0		78	70-130	4	25
Tetrahydrofuran	19.8		µg/l		20.0		99	70-130	7	25
Ethyl ether	17.6		µg/l		20.0		88	57.2-135	11	50
Tert-amyl methyl ether	17.2		µg/l		20.0		86	70-130	9	25
Ethyl tert-butyl ether	18.5		µg/l		20.0		92	70-130	5	25
Di-isopropyl ether	18.6		µg/l		20.0		93	70-130	4	25
Tert-Butanol / butyl alcohol	227		µg/l		200		114	70-130	3	25
1,4-Dioxane	214		µg/l		200		107	41.5-136	3	25
Surrogate: 4-Bromofluorobenzene	*32.3*		µg/l		*30.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*29.2*		µg/l		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.2*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Matrix Spike (7021521-MS1) **Source: SA58596-02**										
Prepared & Analyzed: 27-Feb-07										
Benzene	24.3		µg/l		20.0	BRL	122	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021521 - SW846 5030 Water MS										
Matrix Spike (7021521-MS1)	**Source: SA58596-02**									
Prepared & Analyzed: 27-Feb-07										
Chlorobenzene	23.1		µg/l		20.0	BRL	116	70-130		
1,1-Dichloroethene	24.5		µg/l		20.0	BRL	122	70-130		
Toluene	27.6	QM7	µg/l		20.0	0.570	135	70-130		
Trichloroethene	25.7		µg/l		20.0	1.23	122	70-130		
Surrogate: 4-Bromofluorobenzene	*31.1*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.3*		µg/l		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.2*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*28.5*		µg/l		*30.0*		*95*	*70-130*		
Matrix Spike Dup (7021521-MSD1)	**Source: SA58596-02**									
Prepared & Analyzed: 27-Feb-07										
Benzene	25.9		µg/l		20.0	BRL	130	70-130	6	30
Chlorobenzene	25.2		µg/l		20.0	BRL	126	70-130	8	30
1,1-Dichloroethene	26.7	QM7	µg/l		20.0	BRL	134	70-130	9	30
Toluene	26.2		µg/l		20.0	0.570	128	70-130	5	30
Trichloroethene	26.7		µg/l		20.0	1.23	127	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*32.0*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.4*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*29.8*		µg/l		*30.0*		*99*	*70-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021398 - SW846 3005A										
Blank (7021398-BLK1)										
Prepared & Analyzed: 27-Feb-07										
Nickel	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Zinc	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
LCS (7021398-BS1)										
Prepared & Analyzed: 27-Feb-07										
Nickel	0.482		mg/l	0.0050	0.500		96.4	85-115		
Zinc	0.498		mg/l	0.0050	0.500		99.6	85-115		
Selenium	0.469		mg/l	0.0150	0.500		93.8	85-115		
Lead	0.481		mg/l	0.0075	0.500		96.2	85-115		
Chromium	0.482		mg/l	0.0050	0.500		96.4	85-115		
Cadmium	0.487		mg/l	0.0025	0.500		97.4	85-115		
Barium	0.500		mg/l	0.0050	0.500		100	85-115		
Arsenic	0.473		mg/l	0.0040	0.500		94.6	85-115		
Copper	0.504		mg/l	0.0050	0.500		101	85-115		
LCS Dup (7021398-BSD1)										
Prepared & Analyzed: 27-Feb-07										
Lead	0.506		mg/l	0.0075	0.500		101	85-115	5.07	20
Zinc	0.524		mg/l	0.0050	0.500		105	85-115	5.09	20
Selenium	0.496		mg/l	0.0150	0.500		99.2	85-115	5.60	20
Nickel	0.508		mg/l	0.0050	0.500		102	85-115	5.25	20
Cadmium	0.512		mg/l	0.0025	0.500		102	85-115	5.01	20
Barium	0.530		mg/l	0.0050	0.500		106	85-115	5.83	20
Copper	0.533		mg/l	0.0050	0.500		107	85-115	5.59	20
Chromium	0.508		mg/l	0.0050	0.500		102	85-115	5.25	20
Arsenic	0.499		mg/l	0.0040	0.500		99.8	85-115	5.35	20
Duplicate (7021398-DUP1)	**Source: SA58412-02**									
Prepared & Analyzed: 27-Feb-07										
Nickel	BRL		mg/l	0.0050		BRL				20
Lead	0.0058	J	mg/l	0.0075		0.0058			0.00	20
Selenium	BRL		mg/l	0.0150		BRL				20
Zinc	0.0170	QR1	mg/l	0.0050		0.0040			124	20
Copper	BRL		mg/l	0.0050		BRL				20
Barium	0.0737		mg/l	0.0050		0.0704			4.58	20
Chromium	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0002	J	mg/l	0.0025		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Matrix Spike (7021398-MS1)	**Source: SA58424-02**									
Prepared & Analyzed: 27-Feb-07										
Lead	0.485		mg/l	0.0075	0.500	0.0056	95.9	75-125		
Selenium	0.469		mg/l	0.0150	0.500	BRL	93.8	75-125		
Zinc	0.518		mg/l	0.0050	0.500	0.0152	101	75-125		
Nickel	0.486		mg/l	0.0050	0.500	BRL	97.2	75-125		
Copper	0.512		mg/l	0.0050	0.500	BRL	102	75-125		
Chromium	0.486		mg/l	0.0050	0.500	0.0018	96.8	75-125		
Cadmium	0.489		mg/l	0.0025	0.500	BRL	97.8	75-125		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021398 - SW846 3005A										
Matrix Spike (7021398-MS1)	Source: SA58424-02									
Prepared & Analyzed: 27-Feb-07										
Barium	0.523		mg/l	0.0050	0.500	0.0174	101	75-125		
Arsenic	0.475		mg/l	0.0040	0.500	BRL	95.0	75-125		
Matrix Spike Dup (7021398-MSD1)	Source: SA58424-02									
Prepared & Analyzed: 27-Feb-07										
Selenium	0.467		mg/l	0.0150	0.500	BRL	93.4	75-125	0.427	20
Zinc	0.518		mg/l	0.0050	0.500	0.0152	101	75-125	0.00	20
Nickel	0.485		mg/l	0.0050	0.500	BRL	97.0	75-125	0.206	20
Lead	0.484		mg/l	0.0075	0.500	0.0056	95.7	75-125	0.206	20
Chromium	0.486		mg/l	0.0050	0.500	0.0018	96.8	75-125	0.00	20
Barium	0.524		mg/l	0.0050	0.500	0.0174	101	75-125	0.191	20
Arsenic	0.473		mg/l	0.0040	0.500	BRL	94.6	75-125	0.422	20
Copper	0.516		mg/l	0.0050	0.500	BRL	103	75-125	0.778	20
Cadmium	0.487		mg/l	0.0025	0.500	BRL	97.4	75-125	0.410	20
Post Spike (7021398-PS1)	Source: SA58424-02									
Prepared & Analyzed: 27-Feb-07										
Zinc	0.522		mg/l	0.0050	0.500	0.0152	101	80-120		
Selenium	0.471		mg/l	0.0150	0.500	BRL	94.2	80-120		
Lead	0.488		mg/l	0.0075	0.500	0.0056	96.5	80-120		
Nickel	0.488		mg/l	0.0050	0.500	BRL	97.6	80-120		
Cadmium	0.491		mg/l	0.0025	0.500	BRL	98.2	80-120		
Arsenic	0.478		mg/l	0.0040	0.500	BRL	95.6	80-120		
Chromium	0.489		mg/l	0.0050	0.500	0.0018	97.4	80-120		
Copper	0.518		mg/l	0.0050	0.500	BRL	104	80-120		
Barium	0.524		mg/l	0.0050	0.500	0.0174	101	80-120		
Batch 7021599 - SW846 3005A										
Blank (7021599-BLK1)										
Prepared & Analyzed: 28-Feb-07										
Silver	BRL		mg/l	0.0100						
LCS (7021599-BS1)										
Prepared & Analyzed: 28-Feb-07										
Silver	0.924		mg/l	0.0100	1.00		92.4	85-115		
LCS Dup (7021599-BSD1)										
Prepared & Analyzed: 28-Feb-07										
Silver	0.955		mg/l	0.0100	1.00		95.5	85-115	3.30	20
Duplicate (7021599-DUP1)	Source: SA58412-02									
Prepared & Analyzed: 28-Feb-07										
Silver	BRL		mg/l	0.0100		BRL				20
Matrix Spike (7021599-MS1)	Source: SA58424-02									
Prepared & Analyzed: 28-Feb-07										
Silver	0.930		mg/l	0.0100	1.00	BRL	93.0	75-125		
Matrix Spike Dup (7021599-MSD1)	Source: SA58424-02									
Prepared & Analyzed: 28-Feb-07										
Silver	0.946		mg/l	0.0100	1.00	BRL	94.6	75-125	1.71	20
Post Spike (7021599-PS1)	Source: SA58424-02									
Prepared & Analyzed: 28-Feb-07										
Silver	0.931		mg/l	0.0100	1.00	BRL	93.1	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7021399 - EPA200/SW7000 Series										
Blank (7021399-BLK1)										
Prepared: 27-Feb-07 Analyzed: 28-Feb-07										
Mercury	BRL		mg/l	0.00020						
LCS (7021399-BS1)										
Prepared: 27-Feb-07 Analyzed: 28-Feb-07										
Mercury	0.00249		mg/l	0.00020	0.00250		99.6	85-115		
Duplicate (7021399-DUP1) Source: SA58412-02										
Prepared: 27-Feb-07 Analyzed: 28-Feb-07										
Mercury	0.00004	J	mg/l	0.00020		0.00004			0.00	20
Matrix Spike (7021399-MS1) Source: SA58424-02										
Prepared: 27-Feb-07 Analyzed: 28-Feb-07										
Mercury	0.00253		mg/l	0.00020	0.00250	BRL	101	75-125		
Matrix Spike Dup (7021399-MSD1) Source: SA58424-02										
Prepared: 27-Feb-07 Analyzed: 28-Feb-07										
Mercury	0.00233		mg/l	0.00020	0.00250	BRL	93.2	75-125	8.23	20
Post Spike (7021399-PS1) Source: SA58424-02										
Prepared: 27-Feb-07 Analyzed: 28-Feb-07										
Mercury	0.00236		mg/l	0.00020	0.00250	BRL	94.4	85-115		

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
FP	Field Preserved
QC1	Analyte out of acceptance range.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR1	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.
QR2	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.
R05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
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

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC

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. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA **Client:** Loureiro Engineering Associates - Plainv

Project Location: MacDermid - Waterbury, CT **Project Number:** 91MH603

Sampling Date(s):
20-Feb-07

Laboratory Sample ID(s):
SA58424-01 through SA58424-03

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	☑ Yes ☐ No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4° C ± 2°)? If no, the attached narrative should include any explanation as to acceptability of samples received at other temperatures	☑ Yes ☐ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits specified on the chain-of-custody met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific QC samples included in this data set?	☑ Yes ☐ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1 is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 3/1/2007

SA58424

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] 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: Christina Venable
LEA
150 Northwest Dr
Plainville, CT
Project Mgr.: Tom Salimeno

Invoice To: LEA
100 Northwest Dr
Plainville, CT
P.O. No.: 1019 RQN: _____

Project No.: 91M#603
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): C. Venable

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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	Analyses: RCRA 8+Cu,Ni, U24	QA Reporting Notes: State specific reporting standards:
SA58424-01	1197683	2/20/07	10:26	G	GW	2	3				X		GA, residential
02	1197683df		10:26	G		4				1		X	
03	1197684		9:45	G		2	1				X		
01	1197683		10:26	G		4				1		X	Hold

QA Reporting Notes (check if needed):
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DPH RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

- [ ] Fax results when available to (____) _____
- [x] E-mail to clvenable@laureiro.com
EDD Format LEA

Condition upon receipt: [ ] Iced [ ] Ambient [x] °C 6 RCR

Relinquished by:	Received by:	Date:	Time:
	LEA Fridge	2/20/07	14:00
LEA Fridge	[illegible]	2/21/07	1103
[illegible]	[illegible]	2/21/07	1500

Report Date:
05-Jun-07 11:11

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
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Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Christine Venable

Project: MacDermid - Waterbury, CT
Project 91MH603

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA62755-01	1206361	Ground Water	23-May-07 10:20	24-May-07 15:35
SA62755-02	1206361 uf	Ground Water	23-May-07 10:20	24-May-07 15:35
SA62755-03	1206362	Ground Water	23-May-07 12:05	24-May-07 15:35
SA62755-04	1206362 uf	Ground Water	23-May-07 12:05	24-May-07 15:35
SA62755-05	1206363	Ground Water	23-May-07 13:25	24-May-07 15:35
SA62755-06	1206363 uf	Ground Water	23-May-07 13:25	24-May-07 15:35
SA62755-07	1206384	Trip Blank	23-May-07 11:02	24-May-07 15:35
SA62755-08	1206358	Ground Water	23-May-07 10:20	24-May-07 15:35
SA62755-09	1206358 uf	Ground Water	23-May-07 10:20	24-May-07 15:35
SA62755-10	1206359	Ground Water	23-May-07 12:00	24-May-07 15:35
SA62755-11	1206359 uf	Ground Water	23-May-07 12:00	24-May-07 15:35
SA62755-12	1206360	Ground Water	23-May-07 13:50	24-May-07 15:35
SA62755-13	1206360 uf	Ground Water	23-May-07 13:50	24-May-07 15:35

. attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met
Please note that this report contains 37 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

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CASE NARRATIVE:

The data set for this work order complies with internal QC criteria for the methods performed

The samples were received @ 2.2 degrees Celsius. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol(RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

Trans-1,4-Dichloro-2-butene for 8260, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for 8270 full, which are identified in the method specific analyte lists presented in the Reasonable Confidence Protocol(RCP) documents are not included in the analyte lists provided in this report. The following analytes identified in the CTDEP RCP method specific analyte list for Air Method TO-15 will not be included in this report: Acrylonitrile, n-Butylbenzene, sec-Butylbenzene, 1,3-Dichlorobenzene, Isopropylbenzene (Cumeme), 4-Isopropyltoluene and 1,1,1,2-Tetrachloroethane.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits. Please refer to "Notes and Definitions" for all sample/analyte qualifiers. Qualifiers will narrate any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206361 SA62755-01	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	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
1206361 SA62755-01	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206361 uf SA62755-02	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0680		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206362	91MH603	Ground Water	23-May-07 12:05	24-May-07
SA62755-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	4.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	6.6		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
4-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	2.3		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	12.6		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206362 SA62755-03	91MH603	Ground Water	23-May-07 12:05	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	71.5		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	5.6		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	5.7		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206362 uf SA62755-04	91MH603	Ground Water	23-May-07 12:05	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0880		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0040		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.610		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.774		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206363 SA62755-05	91MH603	Ground Water	23-May-07 13:25	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.0		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	1.7		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206363 SA62755-05	91MH603	Ground Water	23-May-07 13:25	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	3.6		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*76*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206363 uf SA62755-06	91MH603	Ground Water	23-May-07 13:25	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0770		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0086		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0110		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206384 SA62755-07	91MH603	Trip Blank	23-May-07 11:02	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206384 SA62755-07	91MH603	Trip Blank	23-May-07 11:02	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
)-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*85*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206358	91MH603	Ground Water	23-May-07 10:20	24-May-07
SA62755-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206358 SA62755-08	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	6.9		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	6.3		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*87*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206358 uf SA62755-09	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0581		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0256		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0050		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0073		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206359 SA62755-10	91MH603	Ground Water	23-May-07 12:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.1		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206359 SA62755-10	91MH603	Ground Water	23-May-07 12:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	5.1		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*88*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206359 uf SA62755-11	91MH603	Ground Water	23-May-07 12:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	0.0044		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.210		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0070		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0088		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0087		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206360	91MH603	Ground Water	23-May-07 13:50	24-May-07
SA62755-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	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
1206360 SA62755-12	91MH603	Ground Water	23-May-07 13:50	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*89*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206360 uf SA62755-13	91MH603	Ground Water	23-May-07 13:50	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0302		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
Blank (7060079-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
Blank (7060079-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*47.4*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*46.9*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*47.4*		µg/l		*50.0*		*95*	*70-130*		
LCS (7060079-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.0	QC2	µg/l		20.0		65	70-130		
Acetone	9.2		µg/l		20.0		46	41.1-147		
Acrylonitrile	15.0		µg/l		20.0		75	70-130		
Benzene	20.3		µg/l		20.0		102	70-130		
Bromobenzene	19.6		µg/l		20.0		98	70-130		
Bromochloromethane	19.9		µg/l		20.0		100	70-130		
Bromodichloromethane	23.9		µg/l		20.0		120	70-130		
Bromoform	24.4		µg/l		20.0		122	70-130		
Bromomethane	20.3		µg/l		20.0		102	62-136		
2-Butanone (MEK)	11.3		µg/l		20.0		56	53.9-133		
n-Butylbenzene	19.4		µg/l		20.0		97	70-130		
sec-Butylbenzene	19.6		µg/l		20.0		98	70-130		
tert-Butylbenzene	19.8		µg/l		20.0		99	70-130		
Carbon disulfide	16.3		µg/l		20.0		82	70-130		
Carbon tetrachloride	22.4		µg/l		20.0		112	70-130		
Chlorobenzene	19.7		µg/l		20.0		98	70-130		
Chloroethane	14.5		µg/l		20.0		72	62.8-132		
Chloroform	20.8		µg/l		20.0		104	70-130		
Chloromethane	14.1		µg/l		20.0		70	70-130		
2-Chlorotoluene	19.9		µg/l		20.0		100	70-130		
4-Chlorotoluene	19.6		µg/l		20.0		98	70-130		
1,2-Dibromo-3-chloropropane	18.5		µg/l		20.0		92	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
LCS (7060079-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Dibromochloromethane	22.9		µg/l		20.0		114	70-143		
1,2-Dibromoethane (EDB)	19.6		µg/l		20.0		98	70-130		
Dibromomethane	20.0		µg/l		20.0		100	70-130		
1,2-Dichlorobenzene	20.0		µg/l		20.0		100	70-130		
1,3-Dichlorobenzene	19.7		µg/l		20.0		98	70-130		
1,4-Dichlorobenzene	19.3		µg/l		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	20.0		µg/l		20.0		100	39.3-167		
1,1-Dichloroethane	20.7		µg/l		20.0		104	70-130		
1,2-Dichloroethane	19.8		µg/l		20.0		99	70-130		
1,1-Dichloroethene	16.9		µg/l		20.0		84	70-130		
cis-1,2-Dichloroethene	20.4		µg/l		20.0		102	70-130		
trans-1,2-Dichloroethene	19.0		µg/l		20.0		95	70-130		
1,2-Dichloropropane	21.0		µg/l		20.0		105	70-130		
1,3-Dichloropropane	19.4		µg/l		20.0		97	70-130		
2,2-Dichloropropane	7.3	QC2	µg/l		20.0		36	70-130		
1,1-Dichloropropene	19.2		µg/l		20.0		96	70-130		
cis-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130		
trans-1,3-Dichloropropene	16.8		µg/l		20.0		84	70-130		
Ethylbenzene	20.0		µg/l		20.0		100	70-130		
Hexachlorobutadiene	17.2		µg/l		20.0		86	70-136		
2-Hexanone (MBK)	13.3		µg/l		20.0		66	56.3-131		
Isopropylbenzene	18.7		µg/l		20.0		94	70-130		
4-Isopropyltoluene	20.1		µg/l		20.0		100	70-130		
Methyl tert-butyl ether	18.4		µg/l		20.0		92	70-130		
4-Methyl-2-pentanone (MIBK)	16.6		µg/l		20.0		83	70-130		
Methylene chloride	16.0		µg/l		20.0		80	70-130		
Naphthalene	17.4		µg/l		20.0		87	70-130		
n-Propylbenzene	19.3		µg/l		20.0		96	70-130		
Styrene	19.7		µg/l		20.0		98	70-130		
1,1,1,2-Tetrachloroethane	20.8		µg/l		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	18.0		µg/l		20.0		90	70-130		
Tetrachloroethene	19.0		µg/l		20.0		95	70-130		
Toluene	18.7		µg/l		20.0		94	70-130		
1,2,3-Trichlorobenzene	18.2		µg/l		20.0		91	70-130		
1,2,4-Trichlorobenzene	18.8		µg/l		20.0		94	70-130		
1,1,1-Trichloroethane	21.7		µg/l		20.0		108	70-130		
1,1,2-Trichloroethane	19.6		µg/l		20.0		98	70-130		
Trichloroethene	20.2		µg/l		20.0		101	70-130		
Trichlorofluoromethane (Freon 11)	17.8		µg/l		20.0		89	70-130		
1,2,3-Trichloropropane	19.8		µg/l		20.0		99	70-130		
1,2,4-Trimethylbenzene	19.9		µg/l		20.0		100	70-130		
1,3,5-Trimethylbenzene	20.0		µg/l		20.0		100	70-130		
Vinyl chloride	20.5		µg/l		20.0		102	70-130		
m,p-Xylene	39.0		µg/l		40.0		98	70-130		
o-Xylene	20.4		µg/l		20.0		102	70-130		
Tetrahydrofuran	16.0		µg/l		20.0		80	70-130		
Ethyl ether	16.5		µg/l		20.0		82	70-130		
Tert-amyl methyl ether	19.0		µg/l		20.0		95	70-130		
Ethyl tert-butyl ether	20.6		µg/l		20.0		103	70-130		
Di-isopropyl ether	20.6		µg/l		20.0		103	70-130		
Tert-Butanol / butyl alcohol	119	QC2	µg/l		200		60	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
LCS (7060079-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,4-Dioxane	158		µg/l		200		79	70-130		
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*50.9*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (7060079-BSD1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	9.9	QC2	µg/l		20.0		50	70-130	26	25
Acetone	9.2		µg/l		20.0		46	41.1-147	0	50
Acrylonitrile	16.1		µg/l		20.0		80	70-130	6	25
Benzene	18.8		µg/l		20.0		94	70-130	8	25
Bromobenzene	18.7		µg/l		20.0		94	70-130	4	25
Bromochloromethane	20.7		µg/l		20.0		104	70-130	4	25
Bromodichloromethane	23.0		µg/l		20.0		115	70-130	4	25
Bromoform	25.1		µg/l		20.0		126	70-130	3	25
Bromomethane	17.6		µg/l		20.0		88	62-136	15	50
2-Butanone (MEK)	10.9		µg/l		20.0		54	53.9-133	4	50
n-Butylbenzene	16.4		µg/l		20.0		82	70-130	17	25
sec-Butylbenzene	16.3		µg/l		20.0		82	70-130	18	25
tert-Butylbenzene	16.9		µg/l		20.0		84	70-130	16	25
Carbon disulfide	11.8	QC1	µg/l		20.0		59	70-130	33	25
Carbon tetrachloride	18.6		µg/l		20.0		93	70-130	19	25
Chlorobenzene	18.4		µg/l		20.0		92	70-130	6	25
Chloroethane	13.2		µg/l		20.0		66	62.8-132	9	50
Chloroform	20.0		µg/l		20.0		100	70-130	4	25
Chloromethane	12.2	QC1	µg/l		20.0		61	70-130	14	25
2-Chlorotoluene	17.9		µg/l		20.0		90	70-130	11	25
4-Chlorotoluene	18.1		µg/l		20.0		90	70-130	9	25
1,2-Dibromo-3-chloropropane	18.5		µg/l		20.0		92	70-130	0	25
Dibromochloromethane	22.0		µg/l		20.0		110	70-143	4	50
1,2-Dibromoethane (EDB)	19.6		µg/l		20.0		98	70-130	0	25
Dibromomethane	20.4		µg/l		20.0		102	70-130	2	25
1,2-Dichlorobenzene	19.1		µg/l		20.0		96	70-130	4	25
1,3-Dichlorobenzene	18.3		µg/l		20.0		92	70-130	6	25
1,4-Dichlorobenzene	18.3		µg/l		20.0		92	70-130	4	25
Dichlorodifluoromethane (Freon12)	14.7		µg/l		20.0		74	39.3-167	30	50
1,1-Dichloroethane	18.9		µg/l		20.0		94	70-130	10	25
1,2-Dichloroethane	19.9		µg/l		20.0		100	70-130	1	25
1,1-Dichloroethene	13.3	QC1	µg/l		20.0		66	70-130	24	25
cis-1,2-Dichloroethene	19.4		µg/l		20.0		97	70-130	5	25
trans-1,2-Dichloroethene	16.7		µg/l		20.0		84	70-130	12	25
1,2-Dichloropropane	20.4		µg/l		20.0		102	70-130	3	25
1,3-Dichloropropane	19.9		µg/l		20.0		100	70-130	3	25
2,2-Dichloropropane	6.2	QC2	µg/l		20.0		31	70-130	15	25
1,1-Dichloropropene	16.1		µg/l		20.0		80	70-130	18	25
cis-1,3-Dichloropropene	17.6		µg/l		20.0		88	70-130	2	25
trans-1,3-Dichloropropene	16.5		µg/l		20.0		82	70-130	2	25
Ethylbenzene	17.7		µg/l		20.0		88	70-130	13	25
Hexachlorobutadiene	14.0		µg/l		20.0		70	70-136	21	50
2-Hexanone (MBK)	13.9		µg/l		20.0		70	56.3-131	6	25
Isopropylbenzene	16.0		µg/l		20.0		80	70-130	16	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
LCS Dup (7060079-BSD1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
4-Isopropyltoluene	17.0		µg/l		20.0		85	70-130	16	25
Methyl tert-butyl ether	18.7		µg/l		20.0		94	70-130	2	25
4-Methyl-2-pentanone (MIBK)	17.5		µg/l		20.0		88	70-130	6	50
Methylene chloride	15.0		µg/l		20.0		75	70-130	6	25
Naphthalene	17.9		µg/l		20.0		90	70-130	3	25
n-Propylbenzene	16.5		µg/l		20.0		82	70-130	16	25
Styrene	18.4		µg/l		20.0		92	70-130	6	25
1,1,1,2-Tetrachloroethane	19.6		µg/l		20.0		98	70-130	6	25
1,1,2,2-Tetrachloroethane	18.0		µg/l		20.0		90	70-130	0	25
Tetrachloroethene	15.5		µg/l		20.0		78	70-130	20	25
Toluene	17.4		µg/l		20.0		87	70-130	8	25
1,2,3-Trichlorobenzene	18.2		µg/l		20.0		91	70-130	0	25
1,2,4-Trichlorobenzene	18.2		µg/l		20.0		91	70-130	3	25
1,1,1-Trichloroethane	18.1		µg/l		20.0		90	70-130	18	25
1,1,2-Trichloroethane	20.0		µg/l		20.0		100	70-130	2	25
Trichloroethene	18.0		µg/l		20.0		90	70-130	12	25
Trichlorofluoromethane (Freon 11)	13.4	QC1	µg/l		20.0		67	70-130	28	50
1,2,3-Trichloropropane	20.6		µg/l		20.0		103	70-130	4	25
1,2,4-Trimethylbenzene	18.0		µg/l		20.0		90	70-130	11	25
1,3,5-Trimethylbenzene	17.5		µg/l		20.0		88	70-130	13	25
Vinyl chloride	16.5		µg/l		20.0		82	70-130	22	25
m,p-Xylene	35.1		µg/l		40.0		88	70-130	11	25
o-Xylene	18.6		µg/l		20.0		93	70-130	9	25
Tetrahydrofuran	17.1		µg/l		20.0		86	70-130	7	25
Ethyl ether	16.4		µg/l		20.0		82	70-130	0	50
Tert-amyl methyl ether	19.2		µg/l		20.0		96	70-130	1	25
Ethyl tert-butyl ether	20.3		µg/l		20.0		102	70-130	1	25
Di-isopropyl ether	19.9		µg/l		20.0		100	70-130	3	25
Tert-Butanol / butyl alcohol	127	QC2	µg/l		200		64	70-130	6	25
1,4-Dioxane	166		µg/l		200		83	70-130	5	25
Surrogate: 4-Bromofluorobenzene	*48.2*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Matrix Spike (7060079-MS1) Source: SA62443-01										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Benzene	16.1		µg/l		20.0	BRL	80	70-130		
Chlorobenzene	17.5		µg/l		20.0	BRL	88	70-130		
1,1-Dichloroethene	13.4	QM7	µg/l		20.0	BRL	67	70-130		
Toluene	16.3		µg/l		20.0	BRL	82	70-130		
Trichloroethene	17.2		µg/l		20.0	BRL	86	70-130		
Surrogate: 4-Bromofluorobenzene	*46.1*		µg/l		*50.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*52.3*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.7*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Matrix Spike Dup (7060079-MSD1) Source: SA62443-01										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Benzene	16.0		µg/l		20.0	BRL	80	70-130	0	30
Chlorobenzene	17.6		µg/l		20.0	BRL	88	70-130	0	30
1,1-Dichloroethene	13.4	QM7	µg/l		20.0	BRL	67	70-130	0	30
Toluene	16.4		µg/l		20.0	BRL	82	70-130	0	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
Matrix Spike Dup (7060079-MSD1) **Source: SA62443-01**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Trichloroethene	17.6		µg/l		20.0	BRL	88	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*46.8*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*52.1*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.2*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Batch 7060201 - SW846 5030 Water MS										
Blank (7060201-BLK1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
Blank (7060201-BLK1)										
Prepared & Analyzed: 04-Jun-07										
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/l		*30.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/l		*30.0*		*102*	*70-130*		
LCS (7060201-BS1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.3		µg/l		20.0		112	70-130		
Acetone	17.3		µg/l		20.0		86	41.1-147		
Acrylonitrile	14.0		µg/l		20.0		70	70-130		
Benzene	19.5		µg/l		20.0		98	70-130		
Bromobenzene	21.2		µg/l		20.0		106	70-130		
Bromochloromethane	22.1		µg/l		20.0		110	70-130		
Bromodichloromethane	19.8		µg/l		20.0		99	70-130		
Bromoform	19.6		µg/l		20.0		98	70-130		
Bromomethane	19.5		µg/l		20.0		98	62-136		
2-Butanone (MEK)	18.8		µg/l		20.0		94	53.9-133		
n-Butylbenzene	16.8		µg/l		20.0		84	70-130		
sec-Butylbenzene	22.9		µg/l		20.0		114	70-130		
tert-Butylbenzene	22.1		µg/l		20.0		110	70-130		
Carbon disulfide	22.1		µg/l		20.0		110	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
LCS (7060201-BS1)										
Prepared & Analyzed: 04-Jun-07										
Carbon tetrachloride	22.1		µg/l		20.0		110	70-130		
Chlorobenzene	20.0		µg/l		20.0		100	70-130		
Chloroethane	18.7		µg/l		20.0		94	62.8-132		
Chloroform	20.2		µg/l		20.0		101	70-130		
Chloromethane	19.7		µg/l		20.0		98	70-130		
2-Chlorotoluene	20.3		µg/l		20.0		102	70-130		
4-Chlorotoluene	20.3		µg/l		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	15.3		µg/l		20.0		76	70-130		
Dibromochloromethane	21.1		µg/l		20.0		106	70-143		
1,2-Dibromoethane (EDB)	19.5		µg/l		20.0		98	70-130		
Dibromomethane	20.2		µg/l		20.0		101	70-130		
1,2-Dichlorobenzene	19.4		µg/l		20.0		97	70-130		
1,3-Dichlorobenzene	21.0		µg/l		20.0		105	70-130		
1,4-Dichlorobenzene	18.3		µg/l		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	28.0		µg/l		20.0		140	39.3-167		
1,1-Dichloroethane	18.7		µg/l		20.0		94	70-130		
1,2-Dichloroethane	17.7		µg/l		20.0		88	70-130		
1,1-Dichloroethene	19.9		µg/l		20.0		100	70-130		
cis-1,2-Dichloroethene	20.7		µg/l		20.0		104	70-130		
trans-1,2-Dichloroethene	20.9		µg/l		20.0		104	70-130		
1,2-Dichloropropane	17.2		µg/l		20.0		86	70-130		
1,3-Dichloropropane	18.4		µg/l		20.0		92	70-130		
2,2-Dichloropropane	21.6		µg/l		20.0		108	70-130		
1,1-Dichloropropene	18.8		µg/l		20.0		94	70-130		
cis-1,3-Dichloropropene	18.9		µg/l		20.0		94	70-130		
trans-1,3-Dichloropropene	18.5		µg/l		20.0		92	70-130		
Ethylbenzene	19.8		µg/l		20.0		99	70-130		
Hexachlorobutadiene	19.9		µg/l		20.0		100	70-136		
2-Hexanone (MBK)	14.6		µg/l		20.0		73	56.3-131		
Isopropylbenzene	19.5		µg/l		20.0		98	70-130		
4-Isopropyltoluene	20.2		µg/l		20.0		101	70-130		
Methyl tert-butyl ether	18.0		µg/l		20.0		90	70-130		
4-Methyl-2-pentanone (MIBK)	13.8	QC2	µg/l		20.0		69	70-130		
Methylene chloride	18.9		µg/l		20.0		94	70-130		
Naphthalene	16.1		µg/l		20.0		80	70-130		
n-Propylbenzene	19.8		µg/l		20.0		99	70-130		
Styrene	20.9		µg/l		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	21.3		µg/l		20.0		106	70-130		
1,1,2,2-Tetrachloroethane	17.6		µg/l		20.0		88	70-130		
Tetrachloroethene	22.1		µg/l		20.0		110	70-130		
Toluene	19.2		µg/l		20.0		96	70-130		
1,2,3-Trichlorobenzene	16.7		µg/l		20.0		84	70-130		
1,2,4-Trichlorobenzene	16.5		µg/l		20.0		82	70-130		
1,1,1-Trichloroethane	21.4		µg/l		20.0		107	70-130		
1,1,2-Trichloroethane	18.8		µg/l		20.0		94	70-130		
Trichloroethene	20.0		µg/l		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	22.7		µg/l		20.0		114	70-130		
1,2,3-Trichloropropane	19.3		µg/l		20.0		96	70-130		
1,2,4-Trimethylbenzene	20.3		µg/l		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.5		µg/l		20.0		102	70-130		
Vinyl chloride	22.7		µg/l		20.0		114	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
LCS (7060201-BS1)										
Prepared & Analyzed: 04-Jun-07										
m,p-Xylene	39.0		µg/l		40.0		98	70-130		
o-Xylene	20.4		µg/l		20.0		102	70-130		
Tetrahydrofuran	14.5		µg/l		20.0		72	70-130		
Ethyl ether	17.0		µg/l		20.0		85	70-130		
Tert-amyl methyl ether	17.5		µg/l		20.0		88	70-130		
Ethyl tert-butyl ether	17.5		µg/l		20.0		88	70-130		
Di-isopropyl ether	15.9		µg/l		20.0		80	70-130		
Tert-Butanol / butyl alcohol	146		µg/l		200		73	70-130		
1,4-Dioxane	169		µg/l		200		84	70-130		
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.3*		µg/l		*30.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/l		*30.0*		*102*	*70-130*		
LCS Dup (7060201-BSD1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.8		µg/l		20.0		109	70-130	3	25
Acetone	12.1		µg/l		20.0		60	41.1-147	36	50
Acrylonitrile	14.4		µg/l		20.0		72	70-130	3	25
Benzene	19.1		µg/l		20.0		96	70-130	2	25
Bromobenzene	20.4		µg/l		20.0		102	70-130	4	25
Bromochloromethane	21.7		µg/l		20.0		108	70-130	2	25
Bromodichloromethane	20.1		µg/l		20.0		100	70-130	1	25
Bromoform	18.3		µg/l		20.0		92	70-130	6	25
Bromomethane	21.7		µg/l		20.0		108	62-136	10	50
2-Butanone (MEK)	18.2		µg/l		20.0		91	53.9-133	3	50
n-Butylbenzene	16.1		µg/l		20.0		80	70-130	5	25
sec-Butylbenzene	22.6		µg/l		20.0		113	70-130	0.9	25
tert-Butylbenzene	21.0		µg/l		20.0		105	70-130	5	25
Carbon disulfide	21.5		µg/l		20.0		108	70-130	2	25
Carbon tetrachloride	21.9		µg/l		20.0		110	70-130	0	25
Chlorobenzene	19.2		µg/l		20.0		96	70-130	4	25
Chloroethane	19.4		µg/l		20.0		97	62.8-132	3	50
Chloroform	19.7		µg/l		20.0		98	70-130	3	25
Chloromethane	19.4		µg/l		20.0		97	70-130	1	25
2-Chlorotoluene	19.4		µg/l		20.0		97	70-130	5	25
4-Chlorotoluene	19.6		µg/l		20.0		98	70-130	4	25
1,2-Dibromo-3-chloropropane	14.3		µg/l		20.0		72	70-130	5	25
Dibromochloromethane	20.7		µg/l		20.0		104	70-143	2	50
1,2-Dibromoethane (EDB)	18.3		µg/l		20.0		92	70-130	6	25
Dibromomethane	19.9		µg/l		20.0		100	70-130	1	25
1,2-Dichlorobenzene	18.7		µg/l		20.0		94	70-130	3	25
1,3-Dichlorobenzene	20.2		µg/l		20.0		101	70-130	4	25
1,4-Dichlorobenzene	17.6		µg/l		20.0		88	70-130	4	25
Dichlorodifluoromethane (Freon12)	28.6		µg/l		20.0		143	39.3-167	2	50
1,1-Dichloroethane	18.0		µg/l		20.0		90	70-130	4	25
1,2-Dichloroethane	17.0		µg/l		20.0		85	70-130	3	25
1,1-Dichloroethene	18.9		µg/l		20.0		94	70-130	6	25
cis-1,2-Dichloroethene	20.1		µg/l		20.0		100	70-130	4	25
trans-1,2-Dichloroethene	19.8		µg/l		20.0		99	70-130	5	25
1,2-Dichloropropane	17.2		µg/l		20.0		86	70-130	0	25
1,3-Dichloropropane	18.1		µg/l		20.0		90	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
LCS Dup (7060201-BSD1)										
Prepared & Analyzed: 04-Jun-07										
2,2-Dichloropropane	21.0		µg/l		20.0		105	70-130	3	25
1,1-Dichloropropene	18.7		µg/l		20.0		94	70-130	0	25
cis-1,3-Dichloropropene	18.8		µg/l		20.0		94	70-130	0	25
trans-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130	2	25
Ethylbenzene	19.1		µg/l		20.0		96	70-130	3	25
Hexachlorobutadiene	18.8		µg/l		20.0		94	70-136	6	50
2-Hexanone (MBK)	11.7		µg/l		20.0		58	56.3-131	23	25
Isopropylbenzene	19.0		µg/l		20.0		95	70-130	3	25
4-Isopropyltoluene	19.5		µg/l		20.0		98	70-130	3	25
Methyl tert-butyl ether	17.0		µg/l		20.0		85	70-130	6	25
4-Methyl-2-pentanone (MIBK)	13.7	QC2	µg/l		20.0		68	70-130	1	50
Methylene chloride	16.3		µg/l		20.0		82	70-130	14	25
Naphthalene	14.4		µg/l		20.0		72	70-130	11	25
n-Propylbenzene	18.9		µg/l		20.0		94	70-130	5	25
Styrene	19.9		µg/l		20.0		100	70-130	4	25
1,1,1,2-Tetrachloroethane	20.6		µg/l		20.0		103	70-130	3	25
1,1,2,2-Tetrachloroethane	16.3		µg/l		20.0		82	70-130	7	25
Tetrachloroethene	21.8		µg/l		20.0		109	70-130	0.9	25
Toluene	18.7		µg/l		20.0		94	70-130	2	25
1,2,3-Trichlorobenzene	16.0		µg/l		20.0		80	70-130	5	25
1,2,4-Trichlorobenzene	15.3		µg/l		20.0		76	70-130	8	25
1,1,1-Trichloroethane	21.6		µg/l		20.0		108	70-130	0.9	25
1,1,2-Trichloroethane	18.0		µg/l		20.0		90	70-130	4	25
Trichloroethene	19.8		µg/l		20.0		99	70-130	1	25
Trichlorofluoromethane (Freon 11)	22.3		µg/l		20.0		112	70-130	2	50
1,2,3-Trichloropropane	18.2		µg/l		20.0		91	70-130	5	25
1,2,4-Trimethylbenzene	19.8		µg/l		20.0		99	70-130	3	25
1,3,5-Trimethylbenzene	20.2		µg/l		20.0		101	70-130	1	25
Vinyl chloride	20.9		µg/l		20.0		104	70-130	9	25
m,p-Xylene	37.8		µg/l		40.0		94	70-130	4	25
o-Xylene	19.5		µg/l		20.0		98	70-130	4	25
Tetrahydrofuran	14.5		µg/l		20.0		72	70-130	0	25
Ethyl ether	16.0		µg/l		20.0		80	70-130	6	50
Tert-amyl methyl ether	17.5		µg/l		20.0		88	70-130	0	25
Ethyl tert-butyl ether	17.2		µg/l		20.0		86	70-130	2	25
Di-isopropyl ether	15.8		µg/l		20.0		79	70-130	1	25
Tert-Butanol / butyl alcohol	131	QC1	µg/l		200		66	70-130	10	25
1,4-Dioxane	176		µg/l		200		88	70-130	5	25
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/l		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.3*		µg/l		*30.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*29.9*		µg/l		*30.0*		*100*	*70-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052217 - SW846 3005A										
Blank (7052217-BLK1)										
Prepared & Analyzed: 30-May-07										
Zinc	BRL		mg/l	0.0425						
Nickel	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0125						
Cadmium	BRL		mg/l	0.0025						
LCS (7052217-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Nickel	0.483		mg/l	0.0050	0.500		97	85-115		
Lead	0.466		mg/l	0.0075	0.500		93	85-115		
Selenium	0.500		mg/l	0.0150	0.500		100	85-115		
Zinc	0.454		mg/l	0.0425	0.500		91	85-115		
Arsenic	0.483		mg/l	0.0040	0.500		97	85-115		
Copper	0.492		mg/l	0.0050	0.500		98	85-115		
Silver	0.468		mg/l	0.0125	0.500		94	85-115		
Barium	0.514		mg/l	0.0050	0.500		103	85-115		
Chromium	0.483		mg/l	0.0050	0.500		97	85-115		
Cadmium	0.500		mg/l	0.0025	0.500		100	85-115		
LCS Dup (7052217-BSD1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Zinc	0.464		mg/l	0.0425	0.500		93	85-115	2	20
Nickel	0.492		mg/l	0.0050	0.500		98	85-115	2	20
Selenium	0.510		mg/l	0.0150	0.500		102	85-115	2	20
Lead	0.474		mg/l	0.0075	0.500		95	85-115	2	20
Barium	0.521		mg/l	0.0050	0.500		104	85-115	1	20
Silver	0.477		mg/l	0.0125	0.500		95	85-115	2	20
Cadmium	0.508		mg/l	0.0025	0.500		102	85-115	2	20
Chromium	0.494		mg/l	0.0050	0.500		99	85-115	2	20
Copper	0.502		mg/l	0.0050	0.500		100	85-115	2	20
Arsenic	0.494		mg/l	0.0040	0.500		99	85-115	2	20
Duplicate (7052217-DUP1) **Source: SA62687-10**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Nickel	0.0104		mg/l	0.0050		0.0110			6	20
Lead	2.38		mg/l	0.0075		2.43			2	20
Zinc	0.367		mg/l	0.0425		0.376			2	20
Selenium	BRL		mg/l	0.0150		BRL				20
Silver	0.0028	J,QR4	mg/l	0.0125		0.0040			35	20
Arsenic	0.0230		mg/l	0.0040		0.0244			6	20
Barium	0.206		mg/l	0.0050		0.206			0	20
Cadmium	0.0003	J,QR4	mg/l	0.0025		0.0004			29	20
Chromium	0.0072		mg/l	0.0050		0.0075			4	20
Copper	0.352		mg/l	0.0050		0.374			6	20
Matrix Spike (7052217-MS1) **Source: SA62576-02**										
Prepared & Analyzed: 30-May-07										
Nickel	0.524		mg/l	0.0050	0.500	0.0392	97	75-125		

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 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052217 - SW846 3005A										
Matrix Spike (7052217-MS1) Source: SA62576-02										
Prepared & Analyzed: 30-May-07										
Zinc	0.606		mg/l	0.0425	0.500	0.127	96	75-125		
Lead	0.475		mg/l	0.0075	0.500	BRL	95	75-125		
Selenium	0.530		mg/l	0.0150	0.500	BRL	106	75-125		
Cadmium	0.523		mg/l	0.0025	0.500	0.0067	103	75-125		
Silver	0.498		mg/l	0.0125	0.500	0.0039	99	75-125		
Arsenic	0.527		mg/l	0.0040	0.500	0.0028	105	75-125		
Chromium	0.506		mg/l	0.0050	0.500	0.0076	100	75-125		
Barium	0.580		mg/l	0.0050	0.500	0.0614	104	75-125		
Copper	0.604		mg/l	0.0050	0.500	0.0834	104	75-125		
Matrix Spike Dup (7052217-MSD1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Nickel	0.496		mg/l	0.0050	0.500	0.0392	91	75-125	5	20
Zinc	0.572		mg/l	0.0425	0.500	0.127	89	75-125	6	20
Selenium	0.502		mg/l	0.0150	0.500	BRL	100	75-125	5	20
Lead	0.449		mg/l	0.0075	0.500	BRL	90	75-125	6	20
Silver	0.470		mg/l	0.0125	0.500	0.0039	93	75-125	6	20
Chromium	0.481		mg/l	0.0050	0.500	0.0076	95	75-125	5	20
Copper	0.574		mg/l	0.0050	0.500	0.0834	98	75-125	5	20
Cadmium	0.489		mg/l	0.0025	0.500	0.0067	96	75-125	7	20
Arsenic	0.498		mg/l	0.0040	0.500	0.0028	99	75-125	6	20
Barium	0.554		mg/l	0.0050	0.500	0.0614	99	75-125	5	20
Post Spike (7052217-PS1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Zinc	0.597		mg/l	0.0425	0.500	0.127	94	80-120		
Nickel	0.520		mg/l	0.0050	0.500	0.0392	96	80-120		
Selenium	0.520		mg/l	0.0150	0.500	BRL	104	80-120		
Lead	0.472		mg/l	0.0075	0.500	BRL	94	80-120		
Arsenic	0.523		mg/l	0.0040	0.500	0.0028	104	80-120		
Silver	0.471		mg/l	0.0125	0.500	0.0039	93	80-120		
Copper	0.578		mg/l	0.0050	0.500	0.0834	99	80-120		
Barium	0.557		mg/l	0.0050	0.500	0.0614	99	80-120		
Cadmium	0.513		mg/l	0.0025	0.500	0.0067	101	80-120		
Chromium	0.488		mg/l	0.0050	0.500	0.0076	96	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052218 - EPA200/SW7000 Series										
Blank (7052218-BLK1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	BRL		mg/l	0.00020						
LCS (7052218-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00201	QC3	mg/l	0.00020	0.00250		80	85-115		
Duplicate (7052218-DUP1) Source: SA62687-10										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.0190		mg/l	0.00020		0.0182			4	20
Matrix Spike (7052218-MS1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00227		mg/l	0.00020	0.00250	BRL	91	75-125		
Matrix Spike Dup (7052218-MSD1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00217		mg/l	0.00020	0.00250	BRL	87	75-125	5	20
Post Spike (7052218-PS1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00222		mg/l	0.00020	0.00250	BRL	89	85-115		

Notes and Definitions

FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR4	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
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration(CLP J-Flag).

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC

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 with99% 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 For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction 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

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA
Client: Loureiro Engineering Associates - Plainv

Project Location: MacDermid - Waterbury, CT
Project Number: 91MH603

Sampling Date(s):
23-May-07

Laboratory Sample ID(s):
SA62755-01 through SA62755-13

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	☑ Yes ☐ No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4° C ± 2°)?	☑ Yes ☐ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? * *Exceptions are defined by qualifiers*	☐ Yes ☑ No ☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1 is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 6/5/2007

Batch Summary

0706068

Volatile Organic Compounds

0706068-CCV1
0706068-TUN1

0706079

Volatile Organic Compounds

0706079-CCV1
0706079-TUN1

7052217

Total Metals by EPA 6000/7000 Series Methods

7052217-BLK1
7052217-BS1
7052217-BSD1
7052217-DUP1
7052217-MS1
7052217-MSD1
7052217-PS1
SA62755-02 (1206361 uf)
SA62755-04 (1206362 uf)
SA62755-06 (1206363 uf)
SA62755-09 (1206358 uf)
SA62755-11 (1206359 uf)
SA62755-13 (1206360 uf)

7052218

Total Metals by EPA 200 Series Methods

7052218-BLK1
7052218-BS1
7052218-DUP1
7052218-MS1
7052218-MSD1
7052218-PS1
SA62755-02 (1206361 uf)
SA62755-04 (1206362 uf)
SA62755-06 (1206363 uf)
SA62755-09 (1206358 uf)
SA62755-11 (1206359 uf)
SA62755-13 (1206360 uf)

7060079

Volatile Organic Compounds

7060079-BLK1
7060079-BS1
7060079-BSD1
7060079-MS1
7060079-MSD1
SA62755-01 (1206361)
A62755-03 (1206362)

7060201

Volatile Organic Compounds

7060201-BLK1
7060201-BS1
7060201-BSD1
7060201-MS1
7060201-MSD1
SA62755-05 (1206363)
SA62755-07 (1206384)
SA62755-08 (1206358)
SA62755-10 (1206359)
SA62755-12 (1206360)

C2 SA62755 EM

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:
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Christina Venable
LSA
100 Northwest Dr
Plainville CT 06062
Project Mgr.: Tom Salimene

Invoice To: Christina Venable
LSA
P.O. No.: 1262 RQN:

Project No.: 91MH603
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): K. Volkert, D. Ryder

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

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other

State specific reporting standards: GA, residential

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8660	RCRA & Cu/Ni							QA Reporting Notes
62755-08	1206358	5/23/07	1020	G	GW	2	3					X								
09	1206358uf		↓			4				1			X							
08	1206358		1020			4				1			X							HOLD
10	1206359		1200			2	3					X								
11	1206359uf		↓			4				1			X							
10	1206359		1200			4				1			X							HOLD
12	1206360		1350			2	3					X								
13	1206360uf		1350			4				1			X							
12	1206360	5/23/07	1350	G	GW	4				1			X							HOLD

☐ Fax results when available to (____)
☒ E-mail to clvenable@loureiro.com
EDD Format LSA
Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 2.2

Relinquished by:	Received by:	Date:	Time:
[signature]	LSA fridge	5/23/07	1500
[signature]	[signature]	5.24 07	1107
[signature]	[signature]	5-24-07	15-35

C 1

SA 62755 SM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: Christina Venable
LSA
100 Northwest Dr
Plainville, CT 06062
Project Mgr.: Tom Salimeno

Invoice To: LSA
P.O. No.: 1262 RQN: _____

Project No.: 9/MH603
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): K. Volkert, D. Ryder

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=Trip Blank 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		VOC 8260	RCRA 8 Cu, Ni, Zn							QA Reporting Notes: (check if needed)
62755 01	1206361	5/23/07	1020	G	GW	2	3					X								
02	1206361UF		↓			4				1			X							
01	1206361		1020			4				1			X							HOLD
03	1206362		1205			2	3					X								
04	1206362UF		↓			4				1			X							
03	1206362		1205			4				1			X							HOLD
05	1206363		1325			2	3					X								
06	1206363UF		↓			4				1			X							
05	1206363		1325	G	GW	4				1			X							HOLD
07	1206384	5/23/07	1102	G	X1	2	1					X								

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☒ Standard ☐ No QC
- ☐ Other _____

State specific reporting standards: GA, residential

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@louretro.com
EDD Format LSA

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.2.

Relinquished by:	Received by:	Date:	Time:
[signature]	LSA Fridge	5/23/07	1500
[signature]	[signature]	5.24.07	1104
[signature]	[signature]	5-24-07	15:35

Report Date:
14-Jun-07 10:31

☐ Final Report
☐ Re-Issued Report
☑ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Christine Venable

Project: MacDermid - Waterbury, CT
Project 91MH603

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA62755-01	1206361	Ground Water	23-May-07 10:20	24-May-07 15:35
SA62755-02	1206361 uf	Ground Water	23-May-07 10:20	24-May-07 15:35
SA62755-03	1206362	Ground Water	23-May-07 12:05	24-May-07 15:35
SA62755-04	1206362 uf	Ground Water	23-May-07 12:05	24-May-07 15:35
SA62755-05	1206363	Ground Water	23-May-07 13:25	24-May-07 15:35
SA62755-06	1206363 uf	Ground Water	23-May-07 13:25	24-May-07 15:35
SA62755-07	1206384	Trip Blank	23-May-07 11:02	24-May-07 15:35
SA62755-08	1206358	Ground Water	23-May-07 10:20	24-May-07 15:35
SA62755-09	1206358 uf	Ground Water	23-May-07 10:20	24-May-07 15:35
SA62755-10	1206359	Ground Water	23-May-07 12:00	24-May-07 15:35
SA62755-11	1206359 uf	Ground Water	23-May-07 12:00	24-May-07 15:35
SA62755-12	1206360	Ground Water	23-May-07 13:50	24-May-07 15:35
SA62755-13	1206360 uf	Ground Water	23-May-07 13:50	24-May-07 15:35

. attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met
Please note that this report contains 40 pages of analytical data plus Chain of Custody document(s).
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

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CASE NARRATIVE:

The data set for this work order complies with internal QC criteria for the methods performed

he samples were received @ 2.2 degrees Celsius. An infrared thermometer with a tolerance of+/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol(RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

Trans-1,4-Dichloro-2-butene for 8260, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for 8270 full, which are identified in the method specific analyte lists presented in the Reasonable Confidence Protocol(RCP) documents are not included in the analyte lists provided in this report. The following analytes identified in the CTDEP RCP method specific analyte list for Air Method TO-15 will not be included in this report: Acrylonitrile, n-Butylbenzene, sec-Butylbenzene, 1,3-Dichlorobenzene, Isopropylbenzene (Cumeme), 4-Isopropyltoluene and 1,1,1,2-Tetrachloroethane.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits. Please refer to "Notes and Definitions" for all sample/analyte qualifiers. Qualifiers will narrate any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206361 SA62755-01	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	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
1206361 SA62755-01	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206361 uf SA62755-02	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0680		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206362 SA62755-03	91MH603	Ground Water	23-May-07 12:05	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	4.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	6.6		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
4-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	2.3		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	12.6		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206362 SA62755-03	91MH603	Ground Water	23-May-07 12:05	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	71.5		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	5.6		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	5.7		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206362 uf SA62755-04	91MH603	Ground Water	23-May-07 12:05	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0880		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0040		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.610		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.774		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206363 SA62755-05	91MH603	Ground Water	23-May-07 13:25	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
74-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.0		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	1.7		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206363 SA62755-05	91MH603	Ground Water	23-May-07 13:25	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	3.6		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*76*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206363 uf SA62755-06	91MH603	Ground Water	23-May-07 13:25	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0770		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0086		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0110		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206384 SA62755-07	91MH603	Trip Blank	23-May-07 11:02	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206384 SA62755-07	91MH603	Trip Blank	23-May-07 11:02	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
[illegible]-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*85*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206358 SA62755-08	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206358 SA62755-08	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	6.9		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	6.3		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*87*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206358 uf SA62755-09	91MH603	Ground Water	23-May-07 10:20	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0581		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0256		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0050		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0073		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206359 SA62755-10	91MH603	Ground Water	23-May-07 12:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.1		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206359 SA62755-10	91MH603	Ground Water	23-May-07 12:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	5.1		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*88*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	11-Jun-07	12-Jun-07	7060769	SA
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.184		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0050		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	11-Jun-07	12-Jun-07	7060771	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206359 uf SA62755-11	91MH603	Ground Water	23-May-07 12:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	0.0044		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.210		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0070		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0088		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0087		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206360 SA62755-12	91MH603	Ground Water	23-May-07 13:50	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	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
1206360 SA62755-12	91MH603	Ground Water	23-May-07 13:50	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*89*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206360 uf SA62755-13	91MH603	Ground Water	23-May-07 13:50	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0302		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	BRL		mg/l	0.0425	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
Blank (7060079-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
Blank (7060079-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*47.4*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*46.9*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*47.4*		µg/l		*50.0*		*95*	*70-130*		
LCS (7060079-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.0	QC2	µg/l		20.0		65	70-130		
Acetone	9.2		µg/l		20.0		46	41.1-147		
Acrylonitrile	15.0		µg/l		20.0		75	70-130		
Benzene	20.3		µg/l		20.0		102	70-130		
Bromobenzene	19.6		µg/l		20.0		98	70-130		
Bromochloromethane	19.9		µg/l		20.0		100	70-130		
Bromodichloromethane	23.9		µg/l		20.0		120	70-130		
Bromoform	24.4		µg/l		20.0		122	70-130		
Bromomethane	20.3		µg/l		20.0		102	62-136		
2-Butanone (MEK)	11.3		µg/l		20.0		56	53.9-133		
n-Butylbenzene	19.4		µg/l		20.0		97	70-130		
sec-Butylbenzene	19.6		µg/l		20.0		98	70-130		
tert-Butylbenzene	19.8		µg/l		20.0		99	70-130		
Carbon disulfide	16.3		µg/l		20.0		82	70-130		
Carbon tetrachloride	22.4		µg/l		20.0		112	70-130		
Chlorobenzene	19.7		µg/l		20.0		98	70-130		
Chloroethane	14.5		µg/l		20.0		72	62.8-132		
Chloroform	20.8		µg/l		20.0		104	70-130		
Chloromethane	14.1		µg/l		20.0		70	70-130		
2-Chlorotoluene	19.9		µg/l		20.0		100	70-130		
4-Chlorotoluene	19.6		µg/l		20.0		98	70-130		
1,2-Dibromo-3-chloropropane	18.5		µg/l		20.0		92	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
LCS (7060079-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Dibromochloromethane	22.9		µg/l		20.0		114	70-143		
1,2-Dibromoethane (EDB)	19.6		µg/l		20.0		98	70-130		
Dibromomethane	20.0		µg/l		20.0		100	70-130		
1,2-Dichlorobenzene	20.0		µg/l		20.0		100	70-130		
1,3-Dichlorobenzene	19.7		µg/l		20.0		98	70-130		
1,4-Dichlorobenzene	19.3		µg/l		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	20.0		µg/l		20.0		100	39.3-167		
1,1-Dichloroethane	20.7		µg/l		20.0		104	70-130		
1,2-Dichloroethane	19.8		µg/l		20.0		99	70-130		
1,1-Dichloroethene	16.9		µg/l		20.0		84	70-130		
cis-1,2-Dichloroethene	20.4		µg/l		20.0		102	70-130		
trans-1,2-Dichloroethene	19.0		µg/l		20.0		95	70-130		
1,2-Dichloropropane	21.0		µg/l		20.0		105	70-130		
1,3-Dichloropropane	19.4		µg/l		20.0		97	70-130		
2,2-Dichloropropane	7.3	QC2	µg/l		20.0		36	70-130		
1,1-Dichloropropene	19.2		µg/l		20.0		96	70-130		
cis-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130		
trans-1,3-Dichloropropene	16.8		µg/l		20.0		84	70-130		
Ethylbenzene	20.0		µg/l		20.0		100	70-130		
Hexachlorobutadiene	17.2		µg/l		20.0		86	70-136		
2-Hexanone (MBK)	13.3		µg/l		20.0		66	56.3-131		
Isopropylbenzene	18.7		µg/l		20.0		94	70-130		
4-Isopropyltoluene	20.1		µg/l		20.0		100	70-130		
Methyl tert-butyl ether	18.4		µg/l		20.0		92	70-130		
4-Methyl-2-pentanone (MIBK)	16.6		µg/l		20.0		83	70-130		
Methylene chloride	16.0		µg/l		20.0		80	70-130		
Naphthalene	17.4		µg/l		20.0		87	70-130		
n-Propylbenzene	19.3		µg/l		20.0		96	70-130		
Styrene	19.7		µg/l		20.0		98	70-130		
1,1,1,2-Tetrachloroethane	20.8		µg/l		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	18.0		µg/l		20.0		90	70-130		
Tetrachloroethene	19.0		µg/l		20.0		95	70-130		
Toluene	18.7		µg/l		20.0		94	70-130		
1,2,3-Trichlorobenzene	18.2		µg/l		20.0		91	70-130		
1,2,4-Trichlorobenzene	18.8		µg/l		20.0		94	70-130		
1,1,1-Trichloroethane	21.7		µg/l		20.0		108	70-130		
1,1,2-Trichloroethane	19.6		µg/l		20.0		98	70-130		
Trichloroethene	20.2		µg/l		20.0		101	70-130		
Trichlorofluoromethane (Freon 11)	17.8		µg/l		20.0		89	70-130		
1,2,3-Trichloropropane	19.8		µg/l		20.0		99	70-130		
1,2,4-Trimethylbenzene	19.9		µg/l		20.0		100	70-130		
1,3,5-Trimethylbenzene	20.0		µg/l		20.0		100	70-130		
Vinyl chloride	20.5		µg/l		20.0		102	70-130		
m,p-Xylene	39.0		µg/l		40.0		98	70-130		
o-Xylene	20.4		µg/l		20.0		102	70-130		
Tetrahydrofuran	16.0		µg/l		20.0		80	70-130		
Ethyl ether	16.5		µg/l		20.0		82	70-130		
Tert-amyl methyl ether	19.0		µg/l		20.0		95	70-130		
Ethyl tert-butyl ether	20.6		µg/l		20.0		103	70-130		
Di-isopropyl ether	20.6		µg/l		20.0		103	70-130		
Tert-Butanol / butyl alcohol	119	QC2	µg/l		200		60	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
LCS (7060079-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,4-Dioxane	158		µg/l		200		79	70-130		
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*50.9*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (7060079-BSD1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	9.9	QC2	µg/l		20.0		50	70-130	26	25
Acetone	9.2		µg/l		20.0		46	41.1-147	0	50
Acrylonitrile	16.1		µg/l		20.0		80	70-130	6	25
Benzene	18.8		µg/l		20.0		94	70-130	8	25
Bromobenzene	18.7		µg/l		20.0		94	70-130	4	25
Bromochloromethane	20.7		µg/l		20.0		104	70-130	4	25
Bromodichloromethane	23.0		µg/l		20.0		115	70-130	4	25
Bromoform	25.1		µg/l		20.0		126	70-130	3	25
Bromomethane	17.6		µg/l		20.0		88	62-136	15	50
2-Butanone (MEK)	10.9		µg/l		20.0		54	53.9-133	4	50
n-Butylbenzene	16.4		µg/l		20.0		82	70-130	17	25
sec-Butylbenzene	16.3		µg/l		20.0		82	70-130	18	25
tert-Butylbenzene	16.9		µg/l		20.0		84	70-130	16	25
Carbon disulfide	11.8	QC1	µg/l		20.0		59	70-130	33	25
Carbon tetrachloride	18.6		µg/l		20.0		93	70-130	19	25
Chlorobenzene	18.4		µg/l		20.0		92	70-130	6	25
Chloroethane	13.2		µg/l		20.0		66	62.8-132	9	50
Chloroform	20.0		µg/l		20.0		100	70-130	4	25
Chloromethane	12.2	QC1	µg/l		20.0		61	70-130	14	25
2-Chlorotoluene	17.9		µg/l		20.0		90	70-130	11	25
4-Chlorotoluene	18.1		µg/l		20.0		90	70-130	9	25
1,2-Dibromo-3-chloropropane	18.5		µg/l		20.0		92	70-130	0	25
Dibromochloromethane	22.0		µg/l		20.0		110	70-143	4	50
1,2-Dibromoethane (EDB)	19.6		µg/l		20.0		98	70-130	0	25
Dibromomethane	20.4		µg/l		20.0		102	70-130	2	25
1,2-Dichlorobenzene	19.1		µg/l		20.0		96	70-130	4	25
1,3-Dichlorobenzene	18.3		µg/l		20.0		92	70-130	6	25
1,4-Dichlorobenzene	18.3		µg/l		20.0		92	70-130	4	25
Dichlorodifluoromethane (Freon12)	14.7		µg/l		20.0		74	39.3-167	30	50
1,1-Dichloroethane	18.9		µg/l		20.0		94	70-130	10	25
1,2-Dichloroethane	19.9		µg/l		20.0		100	70-130	1	25
1,1-Dichloroethene	13.3	QC1	µg/l		20.0		66	70-130	24	25
cis-1,2-Dichloroethene	19.4		µg/l		20.0		97	70-130	5	25
trans-1,2-Dichloroethene	16.7		µg/l		20.0		84	70-130	12	25
1,2-Dichloropropane	20.4		µg/l		20.0		102	70-130	3	25
1,3-Dichloropropane	19.9		µg/l		20.0		100	70-130	3	25
2,2-Dichloropropane	6.2	QC2	µg/l		20.0		31	70-130	15	25
1,1-Dichloropropene	16.1		µg/l		20.0		80	70-130	18	25
cis-1,3-Dichloropropene	17.6		µg/l		20.0		88	70-130	2	25
trans-1,3-Dichloropropene	16.5		µg/l		20.0		82	70-130	2	25
Ethylbenzene	17.7		µg/l		20.0		88	70-130	13	25
Hexachlorobutadiene	14.0		µg/l		20.0		70	70-136	21	50
2-Hexanone (MBK)	13.9		µg/l		20.0		70	56.3-131	6	25
Isopropylbenzene	16.0		µg/l		20.0		80	70-130	16	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
LCS Dup (7060079-BSD1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
4-Isopropyltoluene	17.0		µg/l		20.0		85	70-130	16	25
Methyl tert-butyl ether	18.7		µg/l		20.0		94	70-130	2	25
4-Methyl-2-pentanone (MIBK)	17.5		µg/l		20.0		88	70-130	6	50
Methylene chloride	15.0		µg/l		20.0		75	70-130	6	25
Naphthalene	17.9		µg/l		20.0		90	70-130	3	25
n-Propylbenzene	16.5		µg/l		20.0		82	70-130	16	25
Styrene	18.4		µg/l		20.0		92	70-130	6	25
1,1,1,2-Tetrachloroethane	19.6		µg/l		20.0		98	70-130	6	25
1,1,2,2-Tetrachloroethane	18.0		µg/l		20.0		90	70-130	0	25
Tetrachloroethene	15.5		µg/l		20.0		78	70-130	20	25
Toluene	17.4		µg/l		20.0		87	70-130	8	25
1,2,3-Trichlorobenzene	18.2		µg/l		20.0		91	70-130	0	25
1,2,4-Trichlorobenzene	18.2		µg/l		20.0		91	70-130	3	25
1,1,1-Trichloroethane	18.1		µg/l		20.0		90	70-130	18	25
1,1,2-Trichloroethane	20.0		µg/l		20.0		100	70-130	2	25
Trichloroethene	18.0		µg/l		20.0		90	70-130	12	25
Trichlorofluoromethane (Freon 11)	13.4	QC1	µg/l		20.0		67	70-130	28	50
1,2,3-Trichloropropane	20.6		µg/l		20.0		103	70-130	4	25
1,2,4-Trimethylbenzene	18.0		µg/l		20.0		90	70-130	11	25
1,3,5-Trimethylbenzene	17.5		µg/l		20.0		88	70-130	13	25
Vinyl chloride	16.5		µg/l		20.0		82	70-130	22	25
m,p-Xylene	35.1		µg/l		40.0		88	70-130	11	25
o-Xylene	18.6		µg/l		20.0		93	70-130	9	25
Tetrahydrofuran	17.1		µg/l		20.0		86	70-130	7	25
Ethyl ether	16.4		µg/l		20.0		82	70-130	0	50
Tert-amyl methyl ether	19.2		µg/l		20.0		96	70-130	1	25
Ethyl tert-butyl ether	20.3		µg/l		20.0		102	70-130	1	25
Di-isopropyl ether	19.9		µg/l		20.0		100	70-130	3	25
Tert-Butanol / butyl alcohol	127	QC2	µg/l		200		64	70-130	6	25
1,4-Dioxane	166		µg/l		200		83	70-130	5	25
Surrogate: 4-Bromofluorobenzene	*48.2*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Matrix Spike (7060079-MS1) **Source: SA62443-01**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Benzene	16.1		µg/l		20.0	BRL	80	70-130		
Chlorobenzene	17.5		µg/l		20.0	BRL	88	70-130		
1,1-Dichloroethene	13.4	QM7	µg/l		20.0	BRL	67	70-130		
Toluene	16.3		µg/l		20.0	BRL	82	70-130		
Trichloroethene	17.2		µg/l		20.0	BRL	86	70-130		
Surrogate: 4-Bromofluorobenzene	*46.1*		µg/l		*50.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*52.3*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.7*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Matrix Spike Dup (7060079-MSD1) **Source: SA62443-01**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Benzene	16.0		µg/l		20.0	BRL	80	70-130	0	30
Chlorobenzene	17.6		µg/l		20.0	BRL	88	70-130	0	30
1,1-Dichloroethene	13.4	QM7	µg/l		20.0	BRL	67	70-130	0	30
Toluene	16.4		µg/l		20.0	BRL	82	70-130	0	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
Matrix Spike Dup (7060079-MSD1) Source: SA62443-01										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Trichloroethene	17.6		µg/l		20.0	BRL	88	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*46.8*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*52.1*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.2*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Batch 7060201 - SW846 5030 Water MS										
Blank (7060201-BLK1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
Blank (7060201-BLK1)										
Prepared & Analyzed: 04-Jun-07										
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/l		*30.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/l		*30.0*		*102*	*70-130*		
LCS (7060201-BS1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.3		µg/l		20.0		112	70-130		
Acetone	17.3		µg/l		20.0		86	41.1-147		
Acrylonitrile	14.0		µg/l		20.0		70	70-130		
Benzene	19.5		µg/l		20.0		98	70-130		
Bromobenzene	21.2		µg/l		20.0		106	70-130		
Bromochloromethane	22.1		µg/l		20.0		110	70-130		
Bromodichloromethane	19.8		µg/l		20.0		99	70-130		
Bromoform	19.6		µg/l		20.0		98	70-130		
Bromomethane	19.5		µg/l		20.0		98	62-136		
2-Butanone (MEK)	18.8		µg/l		20.0		94	53.9-133		
n-Butylbenzene	16.8		µg/l		20.0		84	70-130		
sec-Butylbenzene	22.9		µg/l		20.0		114	70-130		
tert-Butylbenzene	22.1		µg/l		20.0		110	70-130		
Carbon disulfide	22.1		µg/l		20.0		110	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
LCS (7060201-BS1)										
Prepared & Analyzed: 04-Jun-07										
Carbon tetrachloride	22.1		µg/l		20.0		110	70-130		
Chlorobenzene	20.0		µg/l		20.0		100	70-130		
Chloroethane	18.7		µg/l		20.0		94	62.8-132		
Chloroform	20.2		µg/l		20.0		101	70-130		
Chloromethane	19.7		µg/l		20.0		98	70-130		
2-Chlorotoluene	20.3		µg/l		20.0		102	70-130		
4-Chlorotoluene	20.3		µg/l		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	15.3		µg/l		20.0		76	70-130		
Dibromochloromethane	21.1		µg/l		20.0		106	70-143		
1,2-Dibromoethane (EDB)	19.5		µg/l		20.0		98	70-130		
Dibromomethane	20.2		µg/l		20.0		101	70-130		
1,2-Dichlorobenzene	19.4		µg/l		20.0		97	70-130		
1,3-Dichlorobenzene	21.0		µg/l		20.0		105	70-130		
1,4-Dichlorobenzene	18.3		µg/l		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	28.0		µg/l		20.0		140	39.3-167		
1,1-Dichloroethane	18.7		µg/l		20.0		94	70-130		
1,2-Dichloroethane	17.7		µg/l		20.0		88	70-130		
1,1-Dichloroethene	19.9		µg/l		20.0		100	70-130		
cis-1,2-Dichloroethene	20.7		µg/l		20.0		104	70-130		
trans-1,2-Dichloroethene	20.9		µg/l		20.0		104	70-130		
1,2-Dichloropropane	17.2		µg/l		20.0		86	70-130		
1,3-Dichloropropane	18.4		µg/l		20.0		92	70-130		
2,2-Dichloropropane	21.6		µg/l		20.0		108	70-130		
1,1-Dichloropropene	18.8		µg/l		20.0		94	70-130		
cis-1,3-Dichloropropene	18.9		µg/l		20.0		94	70-130		
trans-1,3-Dichloropropene	18.5		µg/l		20.0		92	70-130		
Ethylbenzene	19.8		µg/l		20.0		99	70-130		
Hexachlorobutadiene	19.9		µg/l		20.0		100	70-136		
2-Hexanone (MBK)	14.6		µg/l		20.0		73	56.3-131		
Isopropylbenzene	19.5		µg/l		20.0		98	70-130		
4-Isopropyltoluene	20.2		µg/l		20.0		101	70-130		
Methyl tert-butyl ether	18.0		µg/l		20.0		90	70-130		
4-Methyl-2-pentanone (MIBK)	13.8	QC2	µg/l		20.0		69	70-130		
Methylene chloride	18.9		µg/l		20.0		94	70-130		
Naphthalene	16.1		µg/l		20.0		80	70-130		
n-Propylbenzene	19.8		µg/l		20.0		99	70-130		
Styrene	20.9		µg/l		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	21.3		µg/l		20.0		106	70-130		
1,1,2,2-Tetrachloroethane	17.6		µg/l		20.0		88	70-130		
Tetrachloroethene	22.1		µg/l		20.0		110	70-130		
Toluene	19.2		µg/l		20.0		96	70-130		
1,2,3-Trichlorobenzene	16.7		µg/l		20.0		84	70-130		
1,2,4-Trichlorobenzene	16.5		µg/l		20.0		82	70-130		
1,1,1-Trichloroethane	21.4		µg/l		20.0		107	70-130		
1,1,2-Trichloroethane	18.8		µg/l		20.0		94	70-130		
Trichloroethene	20.0		µg/l		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	22.7		µg/l		20.0		114	70-130		
1,2,3-Trichloropropane	19.3		µg/l		20.0		96	70-130		
1,2,4-Trimethylbenzene	20.3		µg/l		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.5		µg/l		20.0		102	70-130		
Vinyl chloride	22.7		µg/l		20.0		114	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
LCS (7060201-BS1)										
Prepared & Analyzed: 04-Jun-07										
m,p-Xylene	39.0		µg/l		40.0		98	70-130		
o-Xylene	20.4		µg/l		20.0		102	70-130		
Tetrahydrofuran	14.5		µg/l		20.0		72	70-130		
Ethyl ether	17.0		µg/l		20.0		85	70-130		
Tert-amyl methyl ether	17.5		µg/l		20.0		88	70-130		
Ethyl tert-butyl ether	17.5		µg/l		20.0		88	70-130		
Di-isopropyl ether	15.9		µg/l		20.0		80	70-130		
Tert-Butanol / butyl alcohol	146		µg/l		200		73	70-130		
1,4-Dioxane	169		µg/l		200		84	70-130		
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.3*		µg/l		*30.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/l		*30.0*		*102*	*70-130*		
LCS Dup (7060201-BSD1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.8		µg/l		20.0		109	70-130	3	25
Acetone	12.1		µg/l		20.0		60	41.1-147	36	50
Acrylonitrile	14.4		µg/l		20.0		72	70-130	3	25
Benzene	19.1		µg/l		20.0		96	70-130	2	25
Bromobenzene	20.4		µg/l		20.0		102	70-130	4	25
Bromochloromethane	21.7		µg/l		20.0		108	70-130	2	25
Bromodichloromethane	20.1		µg/l		20.0		100	70-130	1	25
Bromoform	18.3		µg/l		20.0		92	70-130	6	25
Bromomethane	21.7		µg/l		20.0		108	62-136	10	50
2-Butanone (MEK)	18.2		µg/l		20.0		91	53.9-133	3	50
n-Butylbenzene	16.1		µg/l		20.0		80	70-130	5	25
sec-Butylbenzene	22.6		µg/l		20.0		113	70-130	0.9	25
tert-Butylbenzene	21.0		µg/l		20.0		105	70-130	5	25
Carbon disulfide	21.5		µg/l		20.0		108	70-130	2	25
Carbon tetrachloride	21.9		µg/l		20.0		110	70-130	0	25
Chlorobenzene	19.2		µg/l		20.0		96	70-130	4	25
Chloroethane	19.4		µg/l		20.0		97	62.8-132	3	50
Chloroform	19.7		µg/l		20.0		98	70-130	3	25
Chloromethane	19.4		µg/l		20.0		97	70-130	1	25
2-Chlorotoluene	19.4		µg/l		20.0		97	70-130	5	25
4-Chlorotoluene	19.6		µg/l		20.0		98	70-130	4	25
1,2-Dibromo-3-chloropropane	14.3		µg/l		20.0		72	70-130	5	25
Dibromochloromethane	20.7		µg/l		20.0		104	70-143	2	50
1,2-Dibromoethane (EDB)	18.3		µg/l		20.0		92	70-130	6	25
Dibromomethane	19.9		µg/l		20.0		100	70-130	1	25
1,2-Dichlorobenzene	18.7		µg/l		20.0		94	70-130	3	25
1,3-Dichlorobenzene	20.2		µg/l		20.0		101	70-130	4	25
1,4-Dichlorobenzene	17.6		µg/l		20.0		88	70-130	4	25
Dichlorodifluoromethane (Freon12)	28.6		µg/l		20.0		143	39.3-167	2	50
1,1-Dichloroethane	18.0		µg/l		20.0		90	70-130	4	25
1,2-Dichloroethane	17.0		µg/l		20.0		85	70-130	3	25
1,1-Dichloroethene	18.9		µg/l		20.0		94	70-130	6	25
cis-1,2-Dichloroethene	20.1		µg/l		20.0		100	70-130	4	25
trans-1,2-Dichloroethene	19.8		µg/l		20.0		99	70-130	5	25
1,2-Dichloropropane	17.2		µg/l		20.0		86	70-130	0	25
1,3-Dichloropropane	18.1		µg/l		20.0		90	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
LCS Dup (7060201-BSD1)										
Prepared & Analyzed: 04-Jun-07										
2,2-Dichloropropane	21.0		µg/l		20.0		105	70-130	3	25
1,1-Dichloropropene	18.7		µg/l		20.0		94	70-130	0	25
cis-1,3-Dichloropropene	18.8		µg/l		20.0		94	70-130	0	25
trans-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130	2	25
Ethylbenzene	19.1		µg/l		20.0		96	70-130	3	25
Hexachlorobutadiene	18.8		µg/l		20.0		94	70-136	6	50
2-Hexanone (MBK)	11.7		µg/l		20.0		58	56.3-131	23	25
Isopropylbenzene	19.0		µg/l		20.0		95	70-130	3	25
4-Isopropyltoluene	19.5		µg/l		20.0		98	70-130	3	25
Methyl tert-butyl ether	17.0		µg/l		20.0		85	70-130	6	25
4-Methyl-2-pentanone (MIBK)	13.7	QC2	µg/l		20.0		68	70-130	1	50
Methylene chloride	16.3		µg/l		20.0		82	70-130	14	25
Naphthalene	14.4		µg/l		20.0		72	70-130	11	25
n-Propylbenzene	18.9		µg/l		20.0		94	70-130	5	25
Styrene	19.9		µg/l		20.0		100	70-130	4	25
1,1,1,2-Tetrachloroethane	20.6		µg/l		20.0		103	70-130	3	25
1,1,2,2-Tetrachloroethane	16.3		µg/l		20.0		82	70-130	7	25
Tetrachloroethene	21.8		µg/l		20.0		109	70-130	0.9	25
Toluene	18.7		µg/l		20.0		94	70-130	2	25
1,2,3-Trichlorobenzene	16.0		µg/l		20.0		80	70-130	5	25
1,2,4-Trichlorobenzene	15.3		µg/l		20.0		76	70-130	8	25
1,1,1-Trichloroethane	21.6		µg/l		20.0		108	70-130	0.9	25
1,1,2-Trichloroethane	18.0		µg/l		20.0		90	70-130	4	25
Trichloroethene	19.8		µg/l		20.0		99	70-130	1	25
Trichlorofluoromethane (Freon 11)	22.3		µg/l		20.0		112	70-130	2	50
1,2,3-Trichloropropane	18.2		µg/l		20.0		91	70-130	5	25
1,2,4-Trimethylbenzene	19.8		µg/l		20.0		99	70-130	3	25
1,3,5-Trimethylbenzene	20.2		µg/l		20.0		101	70-130	1	25
Vinyl chloride	20.9		µg/l		20.0		104	70-130	9	25
m,p-Xylene	37.8		µg/l		40.0		94	70-130	4	25
o-Xylene	19.5		µg/l		20.0		98	70-130	4	25
Tetrahydrofuran	14.5		µg/l		20.0		72	70-130	0	25
Ethyl ether	16.0		µg/l		20.0		80	70-130	6	50
Tert-amyl methyl ether	17.5		µg/l		20.0		88	70-130	0	25
Ethyl tert-butyl ether	17.2		µg/l		20.0		86	70-130	2	25
Di-isopropyl ether	15.8		µg/l		20.0		79	70-130	1	25
Tert-Butanol / butyl alcohol	131	QC1	µg/l		200		66	70-130	10	25
1,4-Dioxane	176		µg/l		200		88	70-130	5	25
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/l		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.3*		µg/l		*30.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*29.9*		µg/l		*30.0*		*100*	*70-130*		
Matrix Spike (7060201-MS1)	**Source: SA62769-03**									
Prepared & Analyzed: 04-Jun-07										
Benzene	18.3		µg/l		20.0	BRL	92	70-130		
Chlorobenzene	21.8		µg/l		20.0	BRL	109	70-130		
1,1-Dichloroethene	16.6		µg/l		20.0	BRL	83	70-130		
Toluene	19.5		µg/l		20.0	BRL	98	70-130		
Trichloroethene	20.3		µg/l		20.0	BRL	102	70-130		
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/l		*30.0*		*99*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
Matrix Spike (7060201-MS1)	**Source: SA62769-03**									
Prepared & Analyzed: 04-Jun-07										
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/l		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*30.8*		µg/l		*30.0*		*103*	*70-130*		
Matrix Spike Dup (7060201-MSD1)	**Source: SA62769-03**									
Prepared & Analyzed: 04-Jun-07										
Benzene	15.7		µg/l		20.0	BRL	78	70-130	16	30
Chlorobenzene	18.1		µg/l		20.0	BRL	90	70-130	19	30
1,1-Dichloroethene	14.2		µg/l		20.0	BRL	71	70-130	16	30
Toluene	16.1		µg/l		20.0	BRL	80	70-130	20	30
Trichloroethene	16.7		µg/l		20.0	BRL	84	70-130	19	30
Surrogate: 4-Bromofluorobenzene	*29.8*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*32.3*		µg/l		*30.0*		*108*	*70-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052217 - SW846 3005A										
Blank (7052217-BLK1)										
Prepared & Analyzed: 30-May-07										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Nickel	BRL		mg/l	0.0050						
Zinc	BRL		mg/l	0.0425						
Copper	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0125						
LCS (7052217-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Lead	0.466		mg/l	0.0075	0.500		93	85-115		
Nickel	0.483		mg/l	0.0050	0.500		97	85-115		
Zinc	0.454		mg/l	0.0425	0.500		91	85-115		
Selenium	0.500		mg/l	0.0150	0.500		100	85-115		
Copper	0.492		mg/l	0.0050	0.500		98	85-115		
Chromium	0.483		mg/l	0.0050	0.500		97	85-115		
Cadmium	0.500		mg/l	0.0025	0.500		100	85-115		
Arsenic	0.483		mg/l	0.0040	0.500		97	85-115		
Silver	0.468		mg/l	0.0125	0.500		94	85-115		
Barium	0.514		mg/l	0.0050	0.500		103	85-115		
LCS Dup (7052217-BSD1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Zinc	0.464		mg/l	0.0425	0.500		93	85-115	2	20
Lead	0.474		mg/l	0.0075	0.500		95	85-115	2	20
Nickel	0.492		mg/l	0.0050	0.500		98	85-115	2	20
Selenium	0.510		mg/l	0.0150	0.500		102	85-115	2	20
Copper	0.502		mg/l	0.0050	0.500		100	85-115	2	20
Arsenic	0.494		mg/l	0.0040	0.500		99	85-115	2	20
Barium	0.521		mg/l	0.0050	0.500		104	85-115	1	20
Cadmium	0.508		mg/l	0.0025	0.500		102	85-115	2	20
Chromium	0.494		mg/l	0.0050	0.500		99	85-115	2	20
Silver	0.477		mg/l	0.0125	0.500		95	85-115	2	20
Duplicate (7052217-DUP1) **Source: SA62687-10**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Nickel	0.0104		mg/l	0.0050		0.0110			6	20
Lead	2.38		mg/l	0.0075		2.43			2	20
Selenium	BRL		mg/l	0.0150		BRL				20
Zinc	0.367		mg/l	0.0425		0.376			2	20
Barium	0.206		mg/l	0.0050		0.206			0	20
Arsenic	0.0230		mg/l	0.0040		0.0244			6	20
Silver	0.0028	J,QR4	mg/l	0.0125		0.0040			35	20
Chromium	0.0072		mg/l	0.0050		0.0075			4	20
Cadmium	0.0003	J,QR4	mg/l	0.0025		0.0004			29	20
Copper	0.352		mg/l	0.0050		0.374			6	20
Matrix Spike (7052217-MS1) **Source: SA62576-02**										
Prepared & Analyzed: 30-May-07										
Zinc	0.606		mg/l	0.0425	0.500	0.127	96	75-125		

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* Reportable Detection Limit BRL = Below Reporting Limit

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052217 - SW846 3005A										
Matrix Spike (7052217-MS1) Source: SA62576-02										
Prepared & Analyzed: 30-May-07										
Lead	0.475		mg/l	0.0075	0.500	BRL	95	75-125		
Selenium	0.530		mg/l	0.0150	0.500	BRL	106	75-125		
Nickel	0.524		mg/l	0.0050	0.500	0.0392	97	75-125		
Arsenic	0.527		mg/l	0.0040	0.500	0.0028	105	75-125		
Barium	0.580		mg/l	0.0050	0.500	0.0614	104	75-125		
Cadmium	0.523		mg/l	0.0025	0.500	0.0067	103	75-125		
Chromium	0.506		mg/l	0.0050	0.500	0.0076	100	75-125		
Silver	0.498		mg/l	0.0125	0.500	0.0039	99	75-125		
Copper	0.604		mg/l	0.0050	0.500	0.0834	104	75-125		
Matrix Spike Dup (7052217-MSD1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Zinc	0.572		mg/l	0.0425	0.500	0.127	89	75-125	6	20
Selenium	0.502		mg/l	0.0150	0.500	BRL	100	75-125	5	20
Nickel	0.496		mg/l	0.0050	0.500	0.0392	91	75-125	5	20
Lead	0.449		mg/l	0.0075	0.500	BRL	90	75-125	6	20
Arsenic	0.498		mg/l	0.0040	0.500	0.0028	99	75-125	6	20
Silver	0.470		mg/l	0.0125	0.500	0.0039	93	75-125	6	20
Barium	0.554		mg/l	0.0050	0.500	0.0614	99	75-125	5	20
Cadmium	0.489		mg/l	0.0025	0.500	0.0067	96	75-125	7	20
Chromium	0.481		mg/l	0.0050	0.500	0.0076	95	75-125	5	20
Copper	0.574		mg/l	0.0050	0.500	0.0834	98	75-125	5	20
Post Spike (7052217-PS1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Zinc	0.597		mg/l	0.0425	0.500	0.127	94	80-120		
Nickel	0.520		mg/l	0.0050	0.500	0.0392	96	80-120		
Lead	0.472		mg/l	0.0075	0.500	BRL	94	80-120		
Selenium	0.520		mg/l	0.0150	0.500	BRL	104	80-120		
Silver	0.471		mg/l	0.0125	0.500	0.0039	93	80-120		
Copper	0.578		mg/l	0.0050	0.500	0.0834	99	80-120		
Chromium	0.488		mg/l	0.0050	0.500	0.0076	96	80-120		
Cadmium	0.513		mg/l	0.0025	0.500	0.0067	101	80-120		
Barium	0.557		mg/l	0.0050	0.500	0.0614	99	80-120		
Arsenic	0.523		mg/l	0.0040	0.500	0.0028	104	80-120		
Batch 7060769 - SW846 3005A										
Blank (7060769-BLK1)										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Zinc	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Nickel	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
LCS (7060769-BS1)										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Zinc	0.493		mg/l	0.0050	0.500		99	85-115		

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 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060769 - SW846 3005A										
LCS (7060769-BS1)										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Selenium	0.497		mg/l	0.0150	0.500		99	85-115		
Lead	0.473		mg/l	0.0075	0.500		95	85-115		
Nickel	0.512		mg/l	0.0050	0.500		102	85-115		
Silver	0.496		mg/l	0.0050	0.500		99	85-115		
Barium	0.500		mg/l	0.0050	0.500		100	85-115		
Cadmium	0.544		mg/l	0.0025	0.500		109	85-115		
Chromium	0.518		mg/l	0.0050	0.500		104	85-115		
Copper	0.495		mg/l	0.0050	0.500		99	85-115		
Arsenic	0.490		mg/l	0.0040	0.500		98	85-115		
LCS Dup (7060769-BSD1)										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Zinc	0.491		mg/l	0.0050	0.500		98	85-115	0.4	20
Selenium	0.481		mg/l	0.0150	0.500		96	85-115	3	20
Lead	0.463		mg/l	0.0075	0.500		93	85-115	2	20
Nickel	0.500		mg/l	0.0050	0.500		100	85-115	2	20
Silver	0.488		mg/l	0.0050	0.500		98	85-115	2	20
Arsenic	0.479		mg/l	0.0040	0.500		96	85-115	2	20
Cadmium	0.532		mg/l	0.0025	0.500		106	85-115	2	20
Copper	0.490		mg/l	0.0050	0.500		98	85-115	1	20
Chromium	0.514		mg/l	0.0050	0.500		103	85-115	0.8	20
Barium	0.490		mg/l	0.0050	0.500		98	85-115	2	20
Duplicate (7060769-DUP1) **Source: SA62755-10**										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Zinc	0.0028	J,QR4	mg/l	0.0050		0.0050			56	20
Lead	BRL		mg/l	0.0075		BRL				20
Nickel	0.0038	J	mg/l	0.0050		0.0040			5	20
Selenium	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0002	J,QR4	mg/l	0.0025		0.0003			40	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Copper	BRL		mg/l	0.0050		BRL				20
Barium	0.182		mg/l	0.0050		0.184			1	20
Matrix Spike (7060769-MS1) **Source: SA63329-07**										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Nickel	0.496		mg/l	0.0050	0.500	0.0006	99	75-125		
Lead	0.492		mg/l	0.0075	0.500	BRL	98	75-125		
Zinc	0.508		mg/l	0.0050	0.500	BRL	102	75-125		
Selenium	0.510		mg/l	0.0150	0.500	BRL	102	75-125		
Barium	0.892		mg/l	0.0050	0.500	0.375	103	75-125		
Cadmium	0.533		mg/l	0.0025	0.500	BRL	107	75-125		
Chromium	0.529		mg/l	0.0050	0.500	BRL	106	75-125		
Copper	0.533		mg/l	0.0050	0.500	BRL	107	75-125		
Silver	0.527		mg/l	0.0050	0.500	BRL	105	75-125		
Arsenic	0.516		mg/l	0.0040	0.500	0.0028	103	75-125		
Matrix Spike Dup (7060769-MSD1) **Source: SA63329-07**										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Zinc	0.509		mg/l	0.0050	0.500	BRL	102	75-125	0.2	20
Selenium	0.514		mg/l	0.0150	0.500	BRL	103	75-125	0.8	20

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060769 - SW846 3005A										
Matrix Spike Dup (7060769-MSD1) **Source: SA63329-07**										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Nickel	0.500		mg/l	0.0050	0.500	0.0006	100	75-125	0.8	20
Lead	0.492		mg/l	0.0075	0.500	BRL	98	75-125	0	20
Cadmium	0.540		mg/l	0.0025	0.500	BRL	108	75-125	1	20
Arsenic	0.518		mg/l	0.0040	0.500	0.0028	103	75-125	0.4	20
Silver	0.533		mg/l	0.0050	0.500	BRL	107	75-125	1	20
Copper	0.531		mg/l	0.0050	0.500	BRL	106	75-125	0.4	20
Barium	0.892		mg/l	0.0050	0.500	0.375	103	75-125	0	20
Chromium	0.532		mg/l	0.0050	0.500	BRL	106	75-125	0.6	20
Post Spike (7060769-PS1) **Source: SA63329-07**										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Nickel	0.494		mg/l	0.0050	0.500	0.0006	99	80-120		
Lead	0.483		mg/l	0.0075	0.500	BRL	97	80-120		
Selenium	0.512		mg/l	0.0150	0.500	BRL	102	80-120		
Zinc	0.500		mg/l	0.0050	0.500	BRL	100	80-120		
Arsenic	0.510		mg/l	0.0040	0.500	0.0028	101	80-120		
Barium	0.880		mg/l	0.0050	0.500	0.375	101	80-120		
Cadmium	0.535		mg/l	0.0025	0.500	BRL	107	80-120		
Chromium	0.528		mg/l	0.0050	0.500	BRL	106	80-120		
Copper	0.527		mg/l	0.0050	0.500	BRL	105	80-120		
Silver	0.528		mg/l	0.0050	0.500	BRL	106	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052218 - EPA200/SW7000 Series										
Blank (7052218-BLK1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	BRL		mg/l	0.00020						
LCS (7052218-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00201	QC3	mg/l	0.00020	0.00250		80	85-115		
Duplicate (7052218-DUP1) Source: SA62687-10										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.0190		mg/l	0.00020		0.0182			4	20
Matrix Spike (7052218-MS1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00227		mg/l	0.00020	0.00250	BRL	91	75-125		
Matrix Spike Dup (7052218-MSD1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00217		mg/l	0.00020	0.00250	BRL	87	75-125	5	20
Post Spike (7052218-PS1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00222		mg/l	0.00020	0.00250	BRL	89	85-115		
Batch 7060771 - EPA200/SW7000 Series										
Blank (7060771-BLK1)										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7060771-BS1)										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	0.00230		mg/l	0.00020	0.00250		92	85-115		
Duplicate (7060771-DUP1) Source: SA62755-10										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7060771-MS1) Source: SA63329-07										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	0.00238		mg/l	0.00020	0.00250	BRL	95	75-125		
Matrix Spike Dup (7060771-MSD1) Source: SA63329-07										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	0.00235		mg/l	0.00020	0.00250	BRL	94	75-125	1	20
Post Spike (7060771-PS1) Source: SA63329-07										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	0.00255		mg/l	0.00020	0.00250	BRL	102	85-115		

Notes and Definitions

FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR4	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
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC

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 with99% 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. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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.
Christopher Hall
Nicole Brown

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA
Client: Loureiro Engineering Associates - Plainv

Project Location: MacDermid - Waterbury, CT
Project Number: 91MH603

Sampling Date(s):
23-May-07

Laboratory Sample ID(s):
SA62755-01 through SA62755-13

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	☑ Yes ☐ No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4° C ± 2°)?	☑ Yes ☐ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? * *Exceptions are defined by qualifiers*	☐ Yes ☑ No ☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Note: ***For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1 is "No", the data package does not meet the requirements for "Reasonable Confidence."***

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 6/14/2007

Batch Summary

0706068

Volatile Organic Compounds

706068-CCV1
0706068-TUN1

0706079

Volatile Organic Compounds

0706079-CCV1
0706079-TUN1

7052217

Total Metals by EPA 6000/7000 Series Methods

7052217-BLK1
7052217-BS1
7052217-BSD1
7052217-DUP1
7052217-MS1
7052217-MSD1
7052217-PS1
SA62755-02 (1206361 uf)
SA62755-04 (1206362 uf)
SA62755-06 (1206363 uf)
SA62755-09 (1206358 uf)
SA62755-11 (1206359 uf)
SA62755-13 (1206360 uf)

7052218

Total Metals by EPA 200 Series Methods

7052218-BLK1
7052218-BS1
7052218-DUP1
7052218-MS1
7052218-MSD1
7052218-PS1
SA62755-02 (1206361 uf)
SA62755-04 (1206362 uf)
SA62755-06 (1206363 uf)
SA62755-09 (1206358 uf)
SA62755-11 (1206359 uf)
SA62755-13 (1206360 uf)

7060079

Volatile Organic Compounds

7060079-BLK1
7060079-BS1
7060079-BSD1
7060079-MS1
7060079-MSD1
SA62755-01 (1206361)
SA62755-03 (1206362)

7060201

Volatile Organic Compounds

7060201-BLK1
7060201-BS1
7060201-BSD1
7060201-MS1
7060201-MSD1
SA62755-05 (1206363)
SA62755-07 (1206384)
SA62755-08 (1206358)
SA62755-10 (1206359)
SA62755-12 (1206360)

7060769

Total Metals by EPA 6000/7000 Series Methods

7060769-BLK1
7060769-BS1
7060769-BSD1
7060769-DUP1
7060769-MS1
7060769-MSD1
7060769-PS1
SA62755-10 (1206359)

7060771

Total Metals by EPA 200 Series Methods

7060771-BLK1
7060771-BS1
7060771-DUP1
7060771-MS1
7060771-MSD1
7060771-PS1
SA62755-10 (1206359)

69755

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL 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: Christina Venable (CV)
100 Front Street Ste
Plainville CT 06062
Project Mgr.: Tom Sobieraj

Invoice To: Christina Venable (CV)

P.O. No.: 12003 RQN: _____

Project No.: 7/MH603
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): Kristen D. Ryder

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: VOC 8260	Metals + CN	QA Reporting Notes: (check if needed)
69755-08	1206358	5/23/07	10:20	G	GW	2	3				X		
-09	1206358MS					4				1		X	
-08	1206358		10:20			4				1		X	HOLD
10	1206359		11:20			2	3				X		
11	1206359MS					4				1		X	
10	1206359		12:00			4				1		X	~~HOLD~~ no product
11	1206360		13:20			2	3				X		fax 6/8/07
13	1206360MS		13:50	G	GW	4				1		X	
12	1206360	5/23/07	13:50	G	GW	4				1		X	HOLD

Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____

State specific reporting standards: GA residential

☐ Fax results when available to (____) _____
☒ E-mail to CVenable@lovan.com
EDD Format EQuIS

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 1.6

Relinquished by:	Received by:	Date:	Time:
		5/23/07	15:00
		5.24.07	11:01
		5-24-07	15:35

Report Date:
13-Jun-07 16:30

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Loureiro Engineering Associates
100 Northwest Drive
Plainville, CT 06062
Attn: Christine Venable

Project: MacDermid - Waterbury, CT
Project 91MH603

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA62837-01	1206372	Ground Water	25-May-07 09:10	29-May-07 13:55
SA62837-02	1206372uf	Ground Water	25-May-07 09:10	29-May-07 13:55
SA62837-03	1206373	Ground Water	25-May-07 10:35	29-May-07 13:55
SA62837-04	1206373uf	Ground Water	25-May-07 10:35	29-May-07 13:55
SA62837-05	1206374	Ground Water	25-May-07 12:00	29-May-07 13:55
SA62837-06	1206374uf	Ground Water	25-May-07 12:00	29-May-07 13:55
SA62837-07	1206381	Trip	25-May-07 08:00	29-May-07 13:55
SA62837-08	1206370	Ground Water	25-May-07 08:40	29-May-07 13:55
SA62837-09	1206370uf	Ground Water	25-May-07 08:40	29-May-07 13:55
SA62837-10	1206371	Ground Water	25-May-07 10:30	29-May-07 13:55
SA62837-11	1206371uf	Ground Water	25-May-07 10:30	29-May-07 13:55

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met
Please note that this report contains 32 pages of analytical data plus Chain of Custody documen(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical Inc.

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

RECEIVED
JUN 19 2007

CASE NARRATIVE:

The data set for this work order complies with internal QC criteria for the methods performed

The samples were received @ 4.3 degrees Celsius. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol(RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

Trans-1,4-Dichloro-2-butene for 8260, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for 8270 full, which are identified in the method specific analyte lists presented in the Reasonable Confidence Protocol (RCP) documents are not included in the analyte lists provided in this report. The following analytes identified in the CTDEP RCP method specific analyte list for Air Method TO-15 will not be included in this report: Acrylonitrile, n-Butylbenzene, sec-Butylbenzene, 1,3-Dichlorobenzene, Isopropylbenzene (Cumeme), 4-Isopropyltoluene and 1,1,1,2-Tetrachloroethane.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult. Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits. Please refer to "Notes and Definitions" for all sample/analyte qualifiers. Qualifiers will narrate any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206372 SA62837-01	91MH603	Ground Water	25-May-07 09:10	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	04-Jun-07	7060220	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	2.0		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206372 SA62837-01	91MH603	Ground Water	25-May-07 09:10	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	04-Jun-07	7060220	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	17.8		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*93*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	11-Jun-07	12-Jun-07	7060769	SA
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	*0.172*		*mg/l*	*0.0050*	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0102		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	*2.26*		*mg/l*	*0.0050*	1	"	"	"	"	"
7440-02-0	Nickel	0.138		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	*BRL*		*mg/l*	*0.0150*	1	"	"	"	"	"
7440-66-6	Zinc	0.188		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	11-Jun-07	12-Jun-07	7060771	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206372uf SA62837-02	91MH603	Ground Water	25-May-07 09:10	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	01-Jun-07	03-Jun-07	7060098	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.171		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0104		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	2.27		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.133		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.200		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	01-Jun-07	04-Jun-07	7060099	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206373 SA62837-03	91MH603	Ground Water	25-May-07 10:35	29-May-07

Volatile Organic Compounds

Volatile Organic Compounds

Prepared by method SW846 5030 Water MS

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	04-Jun-07	7060220	JRO
67-64-1	Acetone	180		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]4-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]5-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206373 SA62837-03	91MH603	Ground Water	25-May-07 10:35	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	04-Jun-07	7060220	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	1.7		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	203		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*95*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	11-Jun-07	12-Jun-07	7060769	SA
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0704		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	1.66		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.619		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.718		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	11-Jun-07	12-Jun-07	7060771	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206373uf SA62837-04	91MH603	Ground Water	25-May-07 10:35	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	01-Jun-07	03-Jun-07	7060098	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0754		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0372		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	1.73		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.586		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.706		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	01-Jun-07	04-Jun-07	7060099	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206374 SA62837-05	91MH603	Ground Water	25-May-07 12:00	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	04-Jun-07	7060220	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206374 SA62837-05	91MH603	Ground Water	25-May-07 12:00	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	04-Jun-07	7060220	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	7.2		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	1.7		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*93*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206374uf SA62837-06	91MH603	Ground Water	25-May-07 12:00	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	01-Jun-07	03-Jun-07	7060098	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0194		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0080		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0056		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0564		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	01-Jun-07	04-Jun-07	7060099	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206381 SA62837-07	91MH603	Trip	25-May-07 08:00	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	05-Jun-07	7060220	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
[illegible]4-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
[illegible]-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206381 SA62837-07	91MH603	Trip	25-May-07 08:00	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	05-Jun-07	7060220	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*95*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206370 SA62837-08	91MH603	Ground Water	25-May-07 08:40	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	05-Jun-07	7060220	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
4-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206370 SA62837-08	91MH603	Ground Water	25-May-07 08:40	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
olatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
00-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	05-Jun-07	7060220	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206370uf SA62837-09	91MH603	Ground Water	25-May-07 08:40	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	01-Jun-07	03-Jun-07	7060098	HB
7440-38-2	Arsenic	0.0054		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.0061		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.102		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	01-Jun-07	04-Jun-07	7060099	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206371 SA62837-10	91MH603	Ground Water	25-May-07 10:30	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	05-Jun-07	7060220	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
4-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	1.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
5-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	"
-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206371 SA62837-10	91MH603	Ground Water	25-May-07 10:30	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	04-Jun-07	05-Jun-07	7060220	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1206371uf SA62837-11	91MH603	Ground Water	25-May-07 10:30	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	01-Jun-07	03-Jun-07	7060098	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0112		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-02-0	Nickel	0.0184		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0270		mg/l	0.0050	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	01-Jun-07	04-Jun-07	7060099	BT

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060220 - SW846 5030 Water MS										
Blank (7060220-BLK1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060220 - SW846 5030 Water MS										
Blank (7060220-BLK1)										
Prepared & Analyzed: 04-Jun-07										
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.2*		µg/l		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/l		*30.0*		*103*	*70-130*		
LCS (7060220-BS1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.3		µg/l		20.0		106	70-130		
Acetone	15.4		µg/l		20.0		77	43.1-149		
Acrylonitrile	13.6	QC1	µg/l		20.0		68	70-130		
Benzene	18.9		µg/l		20.0		94	70-130		
Bromobenzene	21.1		µg/l		20.0		106	70-130		
Bromochloromethane	21.8		µg/l		20.0		109	70-130		
Bromodichloromethane	19.2		µg/l		20.0		96	70-130		
Bromoform	18.6		µg/l		20.0		93	70-130		
Bromomethane	19.3		µg/l		20.0		96	58.6-138		
2-Butanone (MEK)	15.7		µg/l		20.0		78	52.4-135		
n-Butylbenzene	16.7		µg/l		20.0		84	70-130		
sec-Butylbenzene	23.2		µg/l		20.0		116	70-130		
tert-Butylbenzene	21.2		µg/l		20.0		106	70-130		
Carbon disulfide	20.8		µg/l		20.0		104	70-130		
Carbon tetrachloride	21.5		µg/l		20.0		108	70-130		
Chlorobenzene	19.8		µg/l		20.0		99	70-130		
Chloroethane	19.5		µg/l		20.0		98	60.8-131		
Chloroform	19.7		µg/l		20.0		98	70-130		
Chloromethane	19.8		µg/l		20.0		99	70-130		
2-Chlorotoluene	19.4		µg/l		20.0		97	70-130		
4-Chlorotoluene	20.2		µg/l		20.0		101	70-130		
1,2-Dibromo-3-chloropropane	13.5	QC1	µg/l		20.0		68	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060220 - SW846 5030 Water MS										
LCS (7060220-BS1)										
Prepared & Analyzed: 04-Jun-07										
Dibromochloromethane	20.6		µg/l		20.0		103	70-144		
1,2-Dibromoethane (EDB)	18.8		µg/l		20.0		94	70-130		
Dibromomethane	19.4		µg/l		20.0		97	70-130		
1,2-Dichlorobenzene	20.0		µg/l		20.0		100	70-130		
1,3-Dichlorobenzene	20.8		µg/l		20.0		104	70-130		
1,4-Dichlorobenzene	19.1		µg/l		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	26.5		µg/l		20.0		132	36.9-172		
1,1-Dichloroethane	18.4		µg/l		20.0		92	70-130		
1,2-Dichloroethane	17.2		µg/l		20.0		86	70-130		
1,1-Dichloroethene	19.2		µg/l		20.0		96	70-130		
cis-1,2-Dichloroethene	20.4		µg/l		20.0		102	70-130		
trans-1,2-Dichloroethene	20.1		µg/l		20.0		100	70-130		
1,2-Dichloropropane	17.1		µg/l		20.0		86	70-130		
1,3-Dichloropropane	18.1		µg/l		20.0		90	70-130		
2,2-Dichloropropane	19.6		µg/l		20.0		98	70-130		
1,1-Dichloropropene	18.0		µg/l		20.0		90	70-130		
cis-1,3-Dichloropropene	18.1		µg/l		20.0		90	70-130		
trans-1,3-Dichloropropene	18.2		µg/l		20.0		91	70-130		
Ethylbenzene	19.6		µg/l		20.0		98	70-130		
Hexachlorobutadiene	19.0		µg/l		20.0		95	70-136		
2-Hexanone (MBK)	14.2		µg/l		20.0		71	70-130		
Isopropylbenzene	19.4		µg/l		20.0		97	70-130		
4-Isopropyltoluene	20.1		µg/l		20.0		100	70-130		
Methyl tert-butyl ether	17.6		µg/l		20.0		88	70-130		
4-Methyl-2-pentanone (MIBK)	14.4		µg/l		20.0		72	67.7-131		
Methylene chloride	16.8		µg/l		20.0		84	70-130		
Naphthalene	15.9		µg/l		20.0		80	70-130		
n-Propylbenzene	19.6		µg/l		20.0		98	70-130		
Styrene	20.5		µg/l		20.0		102	70-130		
1,1,1,2-Tetrachloroethane	20.7		µg/l		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	16.8		µg/l		20.0		84	70-130		
Tetrachloroethene	21.5		µg/l		20.0		108	70-130		
Toluene	19.0		µg/l		20.0		95	70-130		
1,2,3-Trichlorobenzene	16.7		µg/l		20.0		84	70-130		
1,2,4-Trichlorobenzene	16.2		µg/l		20.0		81	70-130		
1,1,1-Trichloroethane	21.1		µg/l		20.0		106	70-130		
1,1,2-Trichloroethane	17.7		µg/l		20.0		88	70-130		
Trichloroethene	19.4		µg/l		20.0		97	70-130		
Trichlorofluoromethane (Freon 11)	22.1		µg/l		20.0		110	69-132		
1,2,3-Trichloropropane	20.0		µg/l		20.0		100	70-130		
1,2,4-Trimethylbenzene	20.2		µg/l		20.0		101	70-130		
1,3,5-Trimethylbenzene	20.7		µg/l		20.0		104	70-130		
Vinyl chloride	20.9		µg/l		20.0		104	70-130		
m,p-Xylene	38.8		µg/l		40.0		97	70-130		
o-Xylene	20.4		µg/l		20.0		102	70-130		
Tetrahydrofuran	16.3		µg/l		20.0		82	70-130		
Ethyl ether	16.2		µg/l		20.0		81	70-130		
Tert-amyl methyl ether	17.1		µg/l		20.0		86	70-130		
Ethyl tert-butyl ether	16.7		µg/l		20.0		84	70-130		
Di-isopropyl ether	16.0		µg/l		20.0		80	70-130		
Tert-Butanol / butyl alcohol	135	QC1	µg/l		200		68	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060220 - SW846 5030 Water MS										
LCS (7060220-BS1)										
Prepared & Analyzed: 04-Jun-07										
1,4-Dioxane	173		µg/l		200		86	66.1-132		
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.0*		µg/l		*30.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/l		*30.0*		*102*	*70-130*		
LCS Dup (7060220-BSD1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.7		µg/l		20.0		114	70-130	7	25
Acetone	14.4		µg/l		20.0		72	43.1-149	7	50
Acrylonitrile	15.4		µg/l		20.0		77	70-130	12	25
Benzene	19.7		µg/l		20.0		98	70-130	4	25
Bromobenzene	22.0		µg/l		20.0		110	70-130	4	25
Bromochloromethane	22.1		µg/l		20.0		110	70-130	0.9	25
Bromodichloromethane	20.2		µg/l		20.0		101	70-130	5	25
Bromoform	19.5		µg/l		20.0		98	70-130	5	25
Bromomethane	21.2		µg/l		20.0		106	58.6-138	10	50
2-Butanone (MEK)	18.1		µg/l		20.0		90	52.4-135	14	50
n-Butylbenzene	17.7		µg/l		20.0		88	70-130	5	25
sec-Butylbenzene	24.9		µg/l		20.0		124	70-130	7	25
tert-Butylbenzene	23.1		µg/l		20.0		116	70-130	9	25
Carbon disulfide	20.5		µg/l		20.0		102	70-130	2	25
Carbon tetrachloride	22.1		µg/l		20.0		110	70-130	2	25
Chlorobenzene	21.4		µg/l		20.0		107	70-130	8	25
Chloroethane	20.0		µg/l		20.0		100	60.8-131	2	50
Chloroform	19.9		µg/l		20.0		100	70-130	2	25
Chloromethane	20.6		µg/l		20.0		103	70-130	4	25
2-Chlorotoluene	20.6		µg/l		20.0		103	70-130	6	25
4-Chlorotoluene	21.0		µg/l		20.0		105	70-130	4	25
1,2-Dibromo-3-chloropropane	15.8		µg/l		20.0		79	70-130	15	25
Dibromochloromethane	21.4		µg/l		20.0		107	70-144	4	50
1,2-Dibromoethane (EDB)	19.4		µg/l		20.0		97	70-130	3	25
Dibromomethane	20.4		µg/l		20.0		102	70-130	5	25
1,2-Dichlorobenzene	21.1		µg/l		20.0		106	70-130	6	25
1,3-Dichlorobenzene	22.6		µg/l		20.0		113	70-130	8	25
1,4-Dichlorobenzene	19.6		µg/l		20.0		98	70-130	2	25
Dichlorodifluoromethane (Freon12)	30.5		µg/l		20.0		152	36.9-172	14	50
1,1-Dichloroethane	18.3		µg/l		20.0		92	70-130	0	25
1,2-Dichloroethane	18.0		µg/l		20.0		90	70-130	5	25
1,1-Dichloroethene	19.1		µg/l		20.0		96	70-130	0	25
cis-1,2-Dichloroethene	19.9		µg/l		20.0		100	70-130	2	25
trans-1,2-Dichloroethene	19.7		µg/l		20.0		98	70-130	2	25
1,2-Dichloropropane	17.6		µg/l		20.0		88	70-130	2	25
1,3-Dichloropropane	19.4		µg/l		20.0		97	70-130	7	25
2,2-Dichloropropane	19.8		µg/l		20.0		99	70-130	1	25
1,1-Dichloropropene	19.2		µg/l		20.0		96	70-130	6	25
cis-1,3-Dichloropropene	19.0		µg/l		20.0		95	70-130	5	25
trans-1,3-Dichloropropene	19.3		µg/l		20.0		96	70-130	5	25
Ethylbenzene	20.8		µg/l		20.0		104	70-130	6	25
Hexachlorobutadiene	19.6		µg/l		20.0		98	70-136	3	50
2-Hexanone (MBK)	14.0		µg/l		20.0		70	70-130	1	25
Isopropylbenzene	20.8		µg/l		20.0		104	70-130	7	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060220 - SW846 5030 Water MS										
LCS Dup (7060220-BSD1)										
Prepared & Analyzed: 04-Jun-07										
4-Isopropyltoluene	21.1		µg/l		20.0		106	70-130	6	25
Methyl tert-butyl ether	17.6		µg/l		20.0		88	70-130	0	25
4-Methyl-2-pentanone (MIBK)	14.3		µg/l		20.0		72	67.7-131	0	50
Methylene chloride	18.4		µg/l		20.0		92	70-130	9	25
Naphthalene	17.2		µg/l		20.0		86	70-130	7	25
n-Propylbenzene	21.0		µg/l		20.0		105	70-130	7	25
Styrene	22.0		µg/l		20.0		110	70-130	8	25
1,1,1,2-Tetrachloroethane	22.4		µg/l		20.0		112	70-130	7	25
1,1,2,2-Tetrachloroethane	18.0		µg/l		20.0		90	70-130	7	25
Tetrachloroethene	22.0		µg/l		20.0		110	70-130	2	25
Toluene	19.9		µg/l		20.0		100	70-130	5	25
1,2,3-Trichlorobenzene	17.9		µg/l		20.0		90	70-130	7	25
1,2,4-Trichlorobenzene	17.4		µg/l		20.0		87	70-130	7	25
1,1,1-Trichloroethane	21.2		µg/l		20.0		106	70-130	0	25
1,1,2-Trichloroethane	19.1		µg/l		20.0		96	70-130	9	25
Trichloroethene	20.6		µg/l		20.0		103	70-130	6	25
Trichlorofluoromethane (Freon 11)	22.4		µg/l		20.0		112	69-132	2	50
1,2,3-Trichloropropane	20.8		µg/l		20.0		104	70-130	4	25
1,2,4-Trimethylbenzene	21.6		µg/l		20.0		108	70-130	7	25
1,3,5-Trimethylbenzene	22.4		µg/l		20.0		112	70-130	7	25
Vinyl chloride	23.0		µg/l		20.0		115	70-130	10	25
m,p-Xylene	42.1		µg/l		40.0		105	70-130	8	25
o-Xylene	21.8		µg/l		20.0		109	70-130	7	25
Tetrahydrofuran	15.8		µg/l		20.0		79	70-130	4	25
Ethyl ether	16.0		µg/l		20.0		80	70-130	1	50
Tert-amyl methyl ether	18.0		µg/l		20.0		90	70-130	5	25
Ethyl tert-butyl ether	17.9		µg/l		20.0		90	70-130	7	25
Di-isopropyl ether	16.5		µg/l		20.0		82	70-130	2	25
Tert-Butanol / butyl alcohol	158		µg/l		200		79	70-130	15	25
1,4-Dioxane	189		µg/l		200		94	66.1-132	9	25
Surrogate: 4-Bromofluorobenzene	*29.5*		µg/l		*30.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.3*		µg/l		*30.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*29.1*		µg/l		*30.0*		*97*	*70-130*		
Matrix Spike (7060220-MS1) **Source: SA62837-10**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Benzene	18.3		µg/l		20.0	BRL	92	70-130		
Chlorobenzene	21.0		µg/l		20.0	BRL	105	70-130		
1,1-Dichloroethene	15.3		µg/l		20.0	BRL	76	70-130		
Toluene	18.9		µg/l		20.0	BRL	94	70-130		
Trichloroethene	17.6		µg/l		20.0	BRL	88	70-130		
Surrogate: 4-Bromofluorobenzene	*27.8*		µg/l		*30.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/l		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.0*		µg/l		*30.0*		*87*	*70-130*		
Surrogate: Dibromofluoromethane	*29.3*		µg/l		*30.0*		*98*	*70-130*		
Matrix Spike Dup (7060220-MSD1) **Source: SA62837-10**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Benzene	17.2		µg/l		20.0	BRL	86	70-130	7	30
Chlorobenzene	19.8		µg/l		20.0	BRL	99	70-130	6	30
1,1-Dichloroethene	14.7		µg/l		20.0	BRL	74	70-130	3	30
Toluene	18.1		µg/l		20.0	BRL	90	70-130	4	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060220 - SW846 5030 Water MS										
Matrix Spike Dup (7060220-MSD1) **Source: SA62837-10**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Trichloroethene	18.3		µg/l		20.0	BRL	92	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.9*		µg/l		*30.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*31.8*		µg/l		*30.0*		*106*	*70-130*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060098 - EPA 200 Series										
Blank (7060098-BLK1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Zinc	BRL		mg/l	0.0050						
Nickel	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Copper	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
LCS (7060098-BS1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Selenium	0.449		mg/l	0.0150	0.500		90	85-115		
Zinc	0.480		mg/l	0.0050	0.500		96	85-115		
Nickel	0.488		mg/l	0.0050	0.500		98	85-115		
Lead	0.475		mg/l	0.0075	0.500		95	85-115		
Silver	0.512		mg/l	0.0050	0.500		102	85-115		
Barium	0.508		mg/l	0.0050	0.500		102	85-115		
Chromium	0.499		mg/l	0.0050	0.500		100	85-115		
Cadmium	0.499		mg/l	0.0025	0.500		100	85-115		
Copper	0.500		mg/l	0.0050	0.500		100	85-115		
Arsenic	0.452		mg/l	0.0040	0.500		90	85-115		
LCS Dup (7060098-BSD1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Lead	0.463		mg/l	0.0075	0.500		93	85-115	3	20
Zinc	0.459		mg/l	0.0050	0.500		92	85-115	4	20
Nickel	0.472		mg/l	0.0050	0.500		94	85-115	3	20
Selenium	0.434		mg/l	0.0150	0.500		87	85-115	3	20
Silver	0.500		mg/l	0.0050	0.500		100	85-115	2	20
Cadmium	0.487		mg/l	0.0025	0.500		97	85-115	2	20
Barium	0.496		mg/l	0.0050	0.500		99	85-115	2	20
Chromium	0.486		mg/l	0.0050	0.500		97	85-115	3	20
Copper	0.485		mg/l	0.0050	0.500		97	85-115	3	20
Arsenic	0.439		mg/l	0.0040	0.500		88	85-115	3	20
Duplicate (7060098-DUP1) Source: SA62767-13										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Lead	BRL		mg/l	0.0075		BRL				20
Zinc	0.0086	QR1	mg/l	0.0050		0.0138			46	20
Nickel	BRL		mg/l	0.0050		0.0010				20
Selenium	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Barium	BRL		mg/l	0.0050		BRL				20
Copper	BRL		mg/l	0.0050		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Matrix Spike (7060098-MS1) Source: SA62837-11										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Lead	0.492		mg/l	0.0075	0.500	BRL	98	75-125		

This laboratory report is not valid without an authorized signature on the cover page.

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060098 - EPA 200 Series										
Matrix Spike (7060098-MS1) Source: SA62837-11										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Zinc	0.512		mg/l	0.0050	0.500	0.0270	97	75-125		
Selenium	0.469		mg/l	0.0150	0.500	BRL	94	75-125		
Nickel	0.520		mg/l	0.0050	0.500	0.0184	100	75-125		
Barium	0.530		mg/l	0.0050	0.500	0.0112	104	75-125		
Copper	0.518		mg/l	0.0050	0.500	0.0032	103	75-125		
Chromium	0.514		mg/l	0.0050	0.500	BRL	103	75-125		
Silver	0.524		mg/l	0.0050	0.500	BRL	105	75-125		
Cadmium	0.519		mg/l	0.0025	0.500	0.0004	104	75-125		
Arsenic	0.476		mg/l	0.0040	0.500	BRL	95	75-125		
Matrix Spike Dup (7060098-MSD1) Source: SA62837-11										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Selenium	0.461		mg/l	0.0150	0.500	BRL	92	75-125	2	20
Zinc	0.508		mg/l	0.0050	0.500	0.0270	96	75-125	0.8	20
Lead	0.489		mg/l	0.0075	0.500	BRL	98	75-125	0.6	20
Nickel	0.518		mg/l	0.0050	0.500	0.0184	100	75-125	0.4	20
Copper	0.516		mg/l	0.0050	0.500	0.0032	103	75-125	0.4	20
Chromium	0.508		mg/l	0.0050	0.500	BRL	102	75-125	1	20
Arsenic	0.475		mg/l	0.0040	0.500	BRL	95	75-125	0.2	20
Cadmium	0.514		mg/l	0.0025	0.500	0.0004	103	75-125	1	20
Barium	0.526		mg/l	0.0050	0.500	0.0112	103	75-125	0.8	20
Silver	0.520		mg/l	0.0050	0.500	BRL	104	75-125	0.8	20
Post Spike (7060098-PS1) Source: SA62837-11										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Selenium	0.457		mg/l	0.0150	0.500	BRL	91	80-120		
Lead	0.476		mg/l	0.0075	0.500	BRL	95	80-120		
Nickel	0.506		mg/l	0.0050	0.500	0.0184	98	80-120		
Zinc	0.499		mg/l	0.0050	0.500	0.0270	94	80-120		
Copper	0.514		mg/l	0.0050	0.500	0.0032	102	80-120		
Chromium	0.504		mg/l	0.0050	0.500	BRL	101	80-120		
Barium	0.520		mg/l	0.0050	0.500	0.0112	102	80-120		
Silver	0.480		mg/l	0.0050	0.500	BRL	96	80-120		
Cadmium	0.500		mg/l	0.0025	0.500	0.0004	100	80-120		
Arsenic	0.460		mg/l	0.0040	0.500	BRL	92	80-120		
Batch 7060769 - SW846 3005A										
Blank (7060769-BLK1)										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.0050						
Nickel	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
LCS (7060769-BS1)										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Selenium	0.497		mg/l	0.0150	0.500		99	85-115		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060769 - SW846 3005A										
LCS (7060769-BS1)										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Nickel	0.512		mg/l	0.0050	0.500		102	85-115		
Zinc	0.493		mg/l	0.0050	0.500		99	85-115		
Lead	0.473		mg/l	0.0075	0.500		95	85-115		
Silver	0.496		mg/l	0.0050	0.500		99	85-115		
Chromium	0.518		mg/l	0.0050	0.500		104	85-115		
Cadmium	0.544		mg/l	0.0025	0.500		109	85-115		
Copper	0.495		mg/l	0.0050	0.500		99	85-115		
Barium	0.500		mg/l	0.0050	0.500		100	85-115		
Arsenic	0.490		mg/l	0.0040	0.500		98	85-115		
LCS Dup (7060769-BSD1)										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Lead	0.463		mg/l	0.0075	0.500		93	85-115	2	20
Selenium	0.481		mg/l	0.0150	0.500		96	85-115	3	20
Zinc	0.491		mg/l	0.0050	0.500		98	85-115	0.4	20
Nickel	0.500		mg/l	0.0050	0.500		100	85-115	2	20
Barium	0.490		mg/l	0.0050	0.500		98	85-115	2	20
Cadmium	0.532		mg/l	0.0025	0.500		106	85-115	2	20
Chromium	0.514		mg/l	0.0050	0.500		103	85-115	0.8	20
Copper	0.490		mg/l	0.0050	0.500		98	85-115	1	20
Arsenic	0.479		mg/l	0.0040	0.500		96	85-115	2	20
Silver	0.488		mg/l	0.0050	0.500		98	85-115	2	20
Duplicate (7060769-DUP1) **Source: SA62755-10**										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Zinc	0.0028	J,QR4	mg/l	0.0050		0.0050			56	20
Selenium	BRL		mg/l	0.0150		BRL				20
Nickel	0.0038	J	mg/l	0.0050		0.0040			5	20
Lead	BRL		mg/l	0.0075		BRL				20
Barium	0.182		mg/l	0.0050		0.184			1	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Cadmium	0.0002	J,QR4	mg/l	0.0025		0.0003			40	20
Copper	BRL		mg/l	0.0050		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (7060769-MS1) **Source: SA63329-07**										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Nickel	0.496		mg/l	0.0050	0.500	0.0006	99	75-125		
Zinc	0.508		mg/l	0.0050	0.500	BRL	102	75-125		
Selenium	0.510		mg/l	0.0150	0.500	BRL	102	75-125		
Lead	0.492		mg/l	0.0075	0.500	BRL	98	75-125		
Arsenic	0.516		mg/l	0.0040	0.500	0.0028	103	75-125		
Copper	0.533		mg/l	0.0050	0.500	BRL	107	75-125		
Cadmium	0.533		mg/l	0.0025	0.500	BRL	107	75-125		
Barium	0.892		mg/l	0.0050	0.500	0.375	103	75-125		
Chromium	0.529		mg/l	0.0050	0.500	BRL	106	75-125		
Silver	0.527		mg/l	0.0050	0.500	BRL	105	75-125		
Matrix Spike Dup (7060769-MSD1) **Source: SA63329-07**										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Selenium	0.514		mg/l	0.0150	0.500	BRL	103	75-125	0.8	20
Zinc	0.509		mg/l	0.0050	0.500	BRL	102	75-125	0.2	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060769 - SW846 3005A										
Matrix Spike Dup (7060769-MSD1) **Source: SA63329-07**										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Nickel	0.500		mg/l	0.0050	0.500	0.0006	100	75-125	0.8	20
Lead	0.492		mg/l	0.0075	0.500	BRL	98	75-125	0	20
Silver	0.533		mg/l	0.0050	0.500	BRL	107	75-125	1	20
Arsenic	0.518		mg/l	0.0040	0.500	0.0028	103	75-125	0.4	20
Cadmium	0.540		mg/l	0.0025	0.500	BRL	108	75-125	1	20
Copper	0.531		mg/l	0.0050	0.500	BRL	106	75-125	0.4	20
Chromium	0.532		mg/l	0.0050	0.500	BRL	106	75-125	0.6	20
Barium	0.892		mg/l	0.0050	0.500	0.375	103	75-125	0	20
Post Spike (7060769-PS1) **Source: SA63329-07**										
Prepared: 11-Jun-07 Analyzed: 13-Jun-07										
Nickel	0.494		mg/l	0.0050	0.500	0.0006	99	80-120		
Zinc	0.500		mg/l	0.0050	0.500	BRL	100	80-120		
Lead	0.483		mg/l	0.0075	0.500	BRL	97	80-120		
Selenium	0.512		mg/l	0.0150	0.500	BRL	102	80-120		
Copper	0.527		mg/l	0.0050	0.500	BRL	105	80-120		
Cadmium	0.535		mg/l	0.0025	0.500	BRL	107	80-120		
Chromium	0.528		mg/l	0.0050	0.500	BRL	106	80-120		
Arsenic	0.510		mg/l	0.0040	0.500	0.0028	101	80-120		
Barium	0.880		mg/l	0.0050	0.500	0.375	101	80-120		
Silver	0.528		mg/l	0.0050	0.500	BRL	106	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060099 - EPA200/SW7000 Series										
Blank (7060099-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7060099-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00226		mg/l	0.00020	0.00250		90	85-115		
Duplicate (7060099-DUP1) Source: SA62767-13										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00008	J	mg/l	0.00020		BRL				20
Matrix Spike (7060099-MS1) Source: SA62837-09										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00229		mg/l	0.00020	0.00250	BRL	92	75-125		
Matrix Spike Dup (7060099-MSD1) Source: SA62837-09										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00231		mg/l	0.00020	0.00250	BRL	92	75-125	0.9	20
Post Spike (7060099-PS1) Source: SA62837-09										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00232		mg/l	0.00020	0.00250	BRL	93	85-115		
Batch 7060771 - EPA200/SW7000 Series										
Blank (7060771-BLK1)										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7060771-BS1)										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	0.00230		mg/l	0.00020	0.00250		92	85-115		
Duplicate (7060771-DUP1) Source: SA62755-10										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7060771-MS1) Source: SA63329-07										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	0.00238		mg/l	0.00020	0.00250	BRL	95	75-125		
Matrix Spike Dup (7060771-MSD1) Source: SA63329-07										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	0.00235		mg/l	0.00020	0.00250	BRL	94	75-125	1	20
Post Spike (7060771-PS1) Source: SA63329-07										
Prepared: 11-Jun-07 Analyzed: 12-Jun-07										
Mercury	0.00255		mg/l	0.00020	0.00250	BRL	102	85-115		

Notes and Definitions

FP	Field Preserved
QC1	Analyte out of acceptance range.
QR1	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.
QR4	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
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC

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. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. 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.
Christopher Hall
Nicole Brown

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA
Client: Loureiro Engineering Associates - Plainv

Project Location: MacDermid - Waterbury, CT
Project Number: 91MH603

Sampling Date(s):
25-May-07

Laboratory Sample ID(s):
SA62837-01 through SA62837-11

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	☑ Yes ☐ No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4° C ± 2°)?	☑ Yes ☐ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? * *Exceptions are defined by qualifiers*	☐ Yes ☑ No ☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1 is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 6/13/2007

SA62 Jng

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: Christina Venable
LSA
100 Northwest Dr
Plainville CT 06040
Project Mgr.: Tom Salimeno

Invoice To: LSA
100 Northwest Dr
Plainville CT 06040
P.O. No.: 1262 RQN: ____

Project No.: S/MH603
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): K. Volkert, D. Ryder

1=Na_2S2O_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=trip X2=____ X3=____

G=Grab C=Composite

Containers: Analyses:

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☒ Standard ☐ No QC
- ☐ Other ____

State specific reporting standards: CA residential

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	RCRA 8 cu/Ni Zn							QA Reporting Notes
SA62837-01	1206372	5/25/07	910	G	GW	2	3			1		X								
02	1206372cf		↓			4				1			X							
01	1206372		910			4	3			1			X							~~HOLD~~ run
03	1206373		1025			2	3			1		X								per Client fax 6/8
04	1206373cf		↓			4				1			X							
03	1206373		1035			4				1			X							~~HOLD~~ run
05	1206374		1200			2	3					X								
06	1206374cf		↓			4				1			X							
05	1206374		1200		GW	4				1			X							HOLD
07	1206381	5/25/07	800	G	X	2	1					X								

☐ Fax results when available to (____) ____
☒ E-mail to clvenable@loureiro.com
EDD Format LSA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 4.3 RET

Relinquished by:	Received by:	Date:	Time:
[signature]	LSA Fridge	5/25/07	1400
[signature]	[signature]	5/29/07	11:54
[signature]	[signature]	5-29-07	1355

SA62837

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: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Christina Venable
100 Northwest Dr
Plainville CT 06040
LSA

Project Mgr.: Tom Salimeno

Invoice To: LSA
100 Northwest Dr
Plainville CT 06040

P.O. No.: 1262 RQN: _____

Project No.: 9/MIT 603
Site Name: MacDermid
Location: Waterbury State: CT
Sampler(s): K Volkert D Ryder

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

Containers: Analyses:

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____

State specific reporting standards: GA Residential

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC 8260	RCRA 8 Cu/Ni Zn							QA Reporting Notes
02837-08	1206370	5/25/07	840	G	GW	2	3					X								
09	1206370UA	↓	↓	↓	↓	4				1			X							
08	1206370	↓	840	↓	↓	4				1			X							HOLD
10	1206371	↓	1030	↓	↓	2	3					X								
11	1206371UA	↓	↓	↓	↓	4				1			X							
10	1206371	5/25/07	1030	G	GW	4				1			X							HOLD

☐ Fax results when available to (____) _____
☒ E-mail to clvenable@loureiro.com
EDD Format LSA

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 4.3

Relinquished by:	Received by:	Date:	Time:
[signature]	LSA Fridge	5/25/07	1400
[signature]	[signature]	5/29/07	11:54
[signature]	[signature]	5-29-07	1355