



H.B. FULLER COMPANY

*SUPPLEMENTAL REMEDIAL INVESTIGATION
FORMER MONARCH CHEMICALS FACILITY
61 GATES AVENUE
GENEVA, NEW YORK
VCP No. V00119-8*

17 MARCH 2006

Prepared for:

H.B. Fuller Company
P.O. Box 64683
St. Paul, MN 55164-0683

Prepared by:

Delta Environmental Consultants, Inc.
104 Jamesville Road
Syracuse, NY 13214

Delta Project No. V004210-1





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- Attachment 1: Data Usability Summary Reports
- Attachment 2: Analytical Data Summary Packages
- Attachment 3: Soil Boring Logs and Groundwater Sampling Logs
- Attachment 4: Support Documentation

1.0 INTRODUCTION

1.1 GENERAL

This report summarizes the activities performed and the results for the Supplemental Remedial Investigation (SRI) of the Former Monarch Chemicals Facility located in Geneva, New York (hereinafter the "Site"). The SRI was conducted by Delta Environmental Consultants (Delta) on behalf of the HB Fuller Company (HBF). Supplemental remedial investigation activities conducted at the Site (ID No. V00119-8) were performed under the New York State Department of Environmental Conservation (NYSDEC) Voluntary Cleanup Program (VCP) and in accordance with the NYSDEC-approved Investigation Work Plan (IWP), dated July 2004. The Department approved the work plan on October 12, 2004.

1.2 OBJECTIVES

The objectives of the SRI were to: 1) evaluate soil quality in areas that, based upon the results of a September 2003 soil gas survey, were suspected to have impacts; 2) collect groundwater quality data at the upgradient and downgradient property boundaries and beyond the downgradient property line; 3) collect groundwater quality data within suspected source areas; 4) evaluate the likelihood that any observed impact(s) are attributable to on-site releases, off-site releases, or a combination of both; and 5) to re-establish a permanent monitoring well network.

1.3 REPORT ORGANIZATION

This document presents the SRI Report, which is organized in the following sections:

- Section 1 – Introduction: Presents a summary of the Site location and physical setting, the Site background and history, results of previous investigations, and objectives of the SRI.

- Section 2 – SRI Scope of Work: Describes the activities performed during the SRI, including the soils investigation, sediment investigation, surface water investigation, and hydrogeologic investigation.
- Section 3 – SRI Results: Summarizes the results of the SRI investigation activities.
- Section 4 – Summary and Conclusions: Summarizes the results of the SRI and presents conclusions supported by the data and recommendations for additional work, if any, which may be required to fill data gaps.

1.4 *SITE BACKGROUND*

1.4.1 *Physical Setting*

The Site is located at 61 Gates Avenue (Latitude 042° 52' 54" N, Longitude 076° 58' 52" W), in the City of Geneva, Ontario County, New York (Figure 1-1). The Site consists of an approximately 1.75 acre parcel of industrially developed land, which is occupied by an approximately 33,700 square foot building, an exterior bulk loading and unloading area, an above ground storage tank (AST) containment area and associated ASTs, and various parking areas (Figure 1-2). The Site and surrounding topography are generally flat; however, topography slopes steeply to the immediate east of the Site along the eastern bank of the adjacent Finger Lakes Railroad tracks. The Site is bounded to the north by industrial property owned by CCN International and undeveloped woods. Railroad tracks (owned by Finger Lakes Railroad) followed by a drainage ditch and a mixture of residential and commercial properties border the Site to the east. Gates Avenue followed by industrial and commercially developed properties border the Site to the south. Vacant industrial property owned by the Ontario County Industrial Development Agency (OCIDA) followed by residential development borders the Site to the west.



Geneva North (1978) Quadrangle



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DRAWN BY

MJS

CAD FILE

fig 1-1

DATE

3/06

SCALE

1" = 2,000'

PREPARED FOR:

61 Gates Avenue
Geneva, New York

HB Fuller

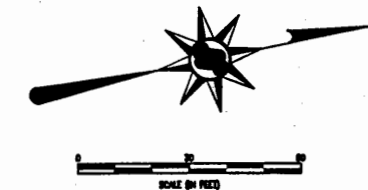
FIGURE:

1-1

Site Location Map

GATES AVENUE

City of Geneva Property



CCN International

Blacktop
Parking
Lot

Building

AST
Containment
Area

Blacktop

Gravel Yard Area

Blacktop Drive

Loading Area

Concrete Pad

Railroad Tracks

Railroad Tracks

Steep Slope

Steep Slope

Flow Direction

Culvert Pipe

Drainage Ditch

Flow
Direction

Drainage Ditch


Edge of Brush

Flow Direction

Buried Culvert Pipe

SITE PLAN

61 GATES AVE.
GENEVA, NY

PROJECT NO. V0042101	PREPARED BY MTG	DRAWN BY	
DATE 03/15/06	REVIEWED BY	FILE NAME 1-2	

1.4.2 Site History

In 1903, the Site was reportedly occupied by Vance Boiler Works, a manufacturer of boilers. In 1915, the name of the facility changed to Geneva Boiler Works and the original building was expanded. In 1947, the name of the facility changed to Burnham Boiler Corporation. Various additions to the building reportedly occurred between the 1930s and 1950s. In 1967, the Site was occupied by Magnetic Components, Inc. Between 1967 and 1979 the Site was reportedly occupied by Electronic Components (a circuit board manufacturer) and Anticel Chemicals, which manufactured cleaning products. In 1979, the facility was purchased by Monarch Chemical (Monarch), which was a former operating division of HBF. Monarch operations involved the manufacturer of food grade cleaners/sanitizers, which were employed in the dairy and related industries. In 1996, HBF sold the property and the business to Haltrachem, who engaged in similar production activities as Monarch. In 1999 Haltrachem was purchased by Basic Chemical Solutions (BCS), the current site owner and operator. Current site operations are similar in nature to those conducted historically by Monarch and Haltrachem.

Aerial photograph and Sanborn map reviews have indicated that the northern portions of the building were previously used for circuit board manufacturing and impregnation of capacitors and associated board components. The storage of miscellaneous materials in containers was also noted north of the building.

1.4.3 Previous Assessments and Investigations

A summary of the previous site investigations, which were conducted at the Site in the 1990's and in 2000 are described below. Information referenced in this section is not provided in this report.

*Phase I Environmental Assessment of Monarch Facility, Geneva, New York -
Environmental Strategies Corporation, May 1996.*

In May 1996, Environmental Strategies Corporation (ESC) was retained by Ecolab, Inc.

to conduct a Phase I environmental review (Phase I) at the Site. Findings of the Phase I indicated the following environmental issues at the Site:

- In 1984, a fuel oil underground storage tank (UST) was removed from an area located near the northwest corner of the building. Impacted soils were observed during the removal activities and were subsequently removed from the tank excavation (approximately 20 to 25 cubic yards) and spread on the ground surface in the parking area located to the northwest of the building. Confirmation soil samples were not collected from the UST excavation; therefore, it was not determined if the soil cleanup met applicable NYSDEC cleanup objectives. Reportedly, NYSDEC verbally recommended spreading of the soil onsite; however, written documentation was not provided.
- In 1982, an estimated 347 gallons of acid product were spilled outside the building in a loading area. Reportedly, the spill was neutralized and the material was containerized and disposed offsite at a sanitary landfill. NYSDEC inspected the spill area and reportedly took no further action.
- In 1992, a wastewater sump inside the building was found to be leaking. As a result an unknown quantity of untreated wastewater consisting of dilute solutions of acids, bases, and surfactants was released to the underlying soils.

Based on the findings of the Phase I, ESC concluded that evidence was present which suggested that past activities at the Site may have created a threat to the environment within or surrounding the facility. ESC recommended that a Phase II investigation be conducted to determine if past site activities had affected onsite soil and groundwater.

Phase II Site Assessment, HB Fuller Company, Monarch Chemicals Division, Geneva, New York – Leggette, Brashears & Graham, Inc., July 1996.

In May 1996, HBF retained Leggette, Brashears & Graham, Inc. (LBG) to conduct a Phase II site assessment at the Site. The objectives of the Phase II were to assess potential onsite source areas of contamination and to assess the potential impacts to onsite soil and groundwater from both onsite and offsite sources of contamination, if any.

As part of the investigation LBG installed a total of eight test borings, five of which were completed as monitoring wells. Soil and groundwater samples were also collected during the investigation and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, metals, polychlorinated biphenyls (PCBs), and petroleum hydrocarbons.

According to the LBG report, the soils beneath the Site consisted of a mixture of fine to very fine sand, silt and clay. Groundwater was observed in these materials at depths of between 4 feet and 7 feet below grade. Soil analytical data indicated that VOCs, PCBs, and pesticides were not detected in soil samples above NYSDEC recommended soil cleanup objectives. However, metals and SVOCs were detected in soils at concentrations exceeding recommended soil cleanup objectives. In addition, groundwater analytical data indicated that surfactants, VOCs (primarily chlorinated compounds), and metals were detected in groundwater samples at concentrations above NYSDEC Class GA water quality standards. Based on these findings, LBG recommended that further investigation work be performed onsite to delineate the extent of groundwater impacts onsite and to determine the source of the impacts.

Remedial Investigation Report, Former Monarch Chemicals Division, 61 Gates Avenue, Geneva, New York – Delta Environmental Consultants, December 1998.

In October 1996, HBF retained Delta to perform a Remedial Investigation (RI) at the Site. The objectives of the RI were to identify if previous operational activities had impacted soil and groundwater, delineate the nature and extent of impacts to soil and groundwater, evaluate the risk to human health and the environment, and determine the potential and time required for chlorinated VOCs (CVOCs) to naturally attenuate. Activities conducted during the RI included the following:

- *October 1996:* Installation of 8 soil borings within the building, collection and analysis of soil and groundwater samples from the soil borings, and collection and analysis of groundwater samples from 5 existing onsite monitoring wells.

- *July 1997:* Installation of 3 additional shallow and 3 deep onsite monitoring wells, collection and analysis of groundwater samples from all onsite wells, and performance of field permeability tests on several onsite wells.
- *February 1998:* Installation of 3 soil borings and 3 more shallow monitoring wells, collection and analysis of groundwater samples from all onsite wells, and collection and analysis of 3 surface water samples from the offsite eastern drainage ditch.
- *May 1998:* Collection and analysis of groundwater samples from 3 onsite wells, and collection and analysis of 3 surface water samples from the offsite eastern drainage ditch.
- *July 1998:* Collection and analysis of groundwater samples from all onsite wells, and collection and analysis of 3 surface water samples from the offsite eastern drainage ditch.

Based on the results of the RI, Delta concluded that previous activities at the Site had impacted soil and groundwater quality at the Site. A summary of the RI findings and conclusions are detailed below:

- The onsite soils did not contain a large mass of CVOCs, and dense non-aqueous phase liquid (DNAPL) was not present in groundwater.
- The lateral and vertical extent of tetrachloroethene (PCE), trichloroethene (TCE), and 1,1,1-trichloroethane (TCA), which are materials reported to have been used at the facility in the past, had been defined with the exception of limited areas to the north and east of the northernmost monitoring well.
- Dissolved phase VOCs discharges had occurred to the eastern drainage ditch.
- The presence of MBAS in environmental media located beneath the building is attributed to leakage through the wastewater sump or the floor.
- Analytical data suggests that biodegradation of chlorinated compounds is occurring by reductive dechlorination within the source area.
- Natural attenuation was suggested as the preferred, recommended remedial alternative.

Based on the conclusions above, Delta recommended that additional monitoring wells be installed onsite and offsite to delineate the extent CVOCs in groundwater. Additionally, triannual groundwater sampling was recommended to further define plume geometry and to evaluate the ongoing attenuation process.

Compilation of Site Data / Recommendations for No Further Action, Former Monarch Chemicals Division, 61 Gates Avenue, Geneva, New York – Delta Environmental Consultants, August 2000.

Following completion of the RI, Delta conducted additional remedial activities at the Site as recommended above. Activities conducted as part of the site work consisted of the following:

- *April 1999:* Installation of two additional monitoring wells between the railroad tracks and drainage ditch, collection and analysis of groundwater samples from all onsite wells, and collection and analysis of 3 surface water samples from the offsite eastern drainage ditch.
- *August 1999:* Collection and analysis of groundwater samples from 8 monitoring wells, collection and analysis of 3 surface water samples from the offsite eastern drainage ditch, and abandonment and replacement of 1 monitoring well.
- *February 2000:* Abandonment of all onsite and offsite monitoring wells.

Based on the results of the additional remedial activities, Delta concluded that: 1) the eastern drainage ditch was the consistent groundwater discharge point for both sides of the ditch; 2) the VOC plume had been delineated and did not extend beyond the drainage ditch and groundwater flow patterns were stable throughout yearly wet and dry cycles; and 3) evidence existed demonstrating strong and active bioattenuation of VOCs at the Site. Based on these findings, a decision was made to cease groundwater monitoring and abandon all monitoring wells¹.

¹HBF abandoned the previously installed monitoring wells prior to being notified by NYSDEC that sampling of these wells would be needed as part of the proposed MNA closure strategy for the Site.

Passive Soil Gas Survey Findings and Recommendations, Former Monarch Chemicals Division, 61 Gates Avenue, Geneva, New York – Delta Environmental Consultants, August 2003.

In June 2003, Delta conducted a passive soil gas survey at the Site as a means of evaluating the presence or absence of target VOCs beyond the former manufacturing areas of the facility, where soil and groundwater impacts were identified during previous investigation activities. The objectives of the survey were to screen the soil beneath the northern gravel driveway for the presence of CVOCs, and based on the presence or absence of target compounds in the survey area, to determine an appropriate scope and extent for a subsequent soil and groundwater assessment program.

Findings of the soil gas survey indicated that the highest mass of CVOCs was detected near the northeast end of the building in areas where previous investigations had documented VOC impacts to soils and groundwater. Other areas of CVOC impacts were also observed along the northeastern and northern fence lines. The presence of CVOCs in these areas was attributed to historic container storage in the area and/or migration of CVOCs in groundwater from sites located to the immediate west of the Site where CVOCs had been detected in groundwater. Based on the findings of the soil gas survey, a soil and groundwater assessment program was recommended to address the potential presence of CVOCs at various locations beneath the northern gravel driveway and parking areas.

Limited Site Investigation Report, 61 Gates Avenue, Geneva, New York – Delta Environmental Consultants, November 2005.

In October 2005, Delta conducted a Limited Site Investigation (LSI) at the Site to define the horizontal and vertical extent of petroleum-impacted soils encountered near the northwest building corner during the installation of soil boring MW-117 in July 2005. Work associated with the installation of MW-117 was conducted as part of SRI. Based on findings of petroleum-impacted soils during the SRI, a petroleum spill was reported to NYSDEC and a spill number assigned (Spill No. 0504324). Activities conducted as part

of the LSI consisted of the installation of 10 soil borings and analysis of 8 soil samples for Total Petroleum Hydrocarbons (TPH), VOCs and STARS SVOCs.

Findings of the LSI indicated that petroleum-impacted soils were observed across a limited area of the Site (area near MW-117) where a former 3,000-gallon UST had been located. Soil analytical data indicated that concentrations of VOCs and SVOCs detected in these impacted soils were below applicable NYSDEC TAGM 4046 recommended soil cleanup objectives. Based on these findings, Delta requested that NYSDEC issue a closure letter for the Site indicating that Spill No. 0504324 is "Closed" and "No Further Action is Required". Final spill closure from NYSDEC is still pending.

2.0 SUPPLEMENTAL RI SCOPE OF WORK

This section describes the tasks that were completed at the Site during the SRI. All activities were conducted in accordance with the NYSDEC-approved IWP.

2.1 SUBSURFACE SOIL INVESTIGATION

2.1.1 Soil Boring Installations

On 11 through 14 July 2005, thirteen soil borings (SB-11, SB-12, SB-16, and MW-114 through MW-123) were installed at the Site (Figure 2-1). Soil borings were installed to a maximum depth of approximately 16 feet below grade using direct-push drilling techniques. Soil samples were collected continuously from grade to the depth of completion in all soil borings. Upon extraction from the borehole, Delta's on-site geologist logged the soil samples and placed representative portions of each sample into a sealed sampling container to allow for field screening. After a period of approximately ten minutes, the headspace of the sampling container was scanned with a photonization detector (PID) to screen for the potential presence of VOCs. All generated wastes (i.e., soil cuttings) were containerized pending proper management (See Section 2.5).

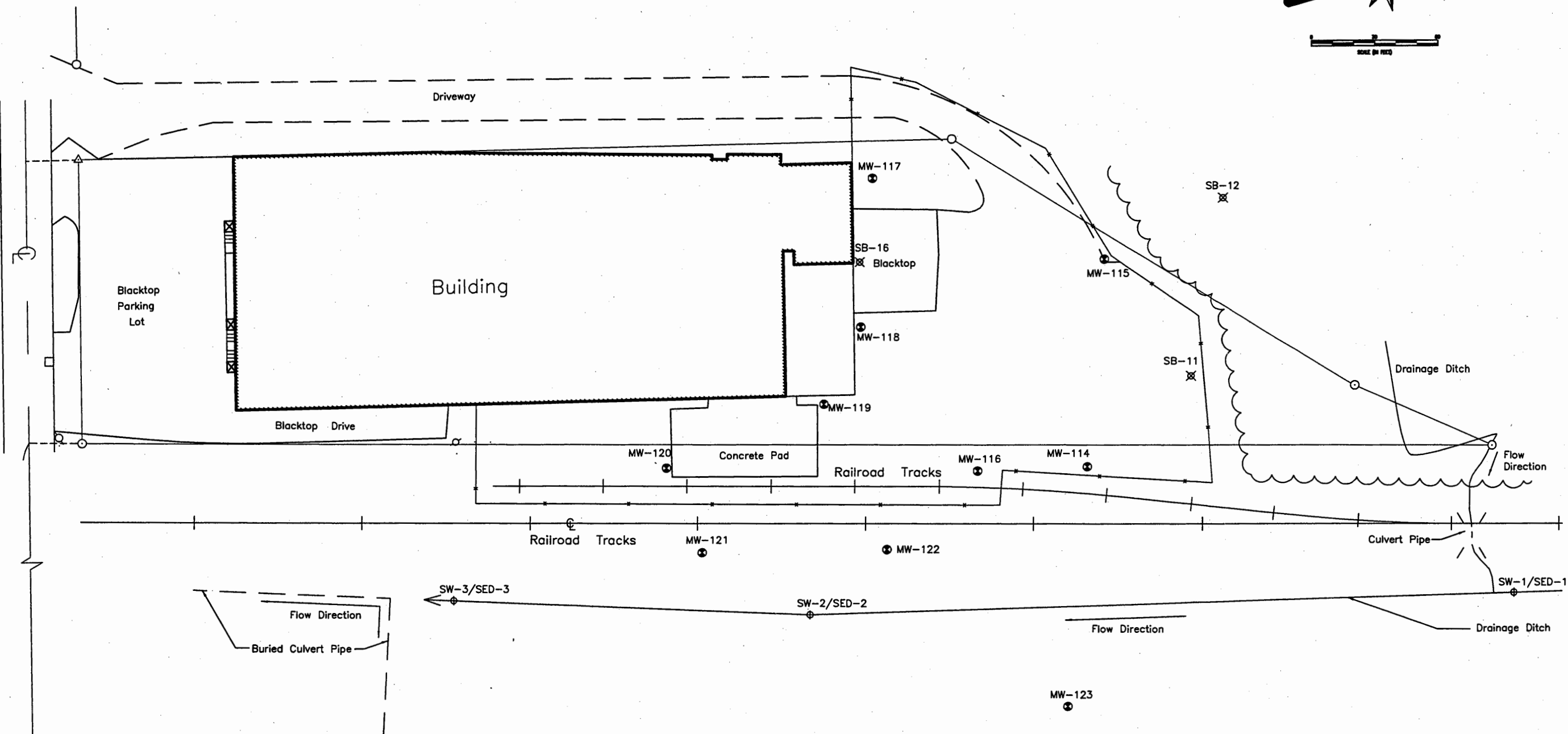
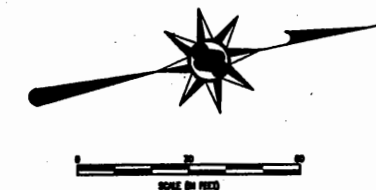
2.2 HYDROGEOLOGIC INVESTIGATION

2.2.1 Monitoring Well Installations

On 11 through 15 July 2005, ten monitoring shallow wells (MW-114 through MW-123) were installed at the Site in the same locations where corresponding direct-push soil borings had been installed (Figure 2-1). Monitoring well borings were installed to a maximum depth of approximately 16 feet below grade using 4.25-inch inside diameter (ID) hollow stem auger (HSA) drilling techniques.

Upon completion of each well boring, monitoring wells, which were constructed of two-inch-diameter PVC riser and 10 feet of 0.01-inch slot PVC well screen were installed in

GATES AVENUE



LEGEND

- MW-120 ⊕ MONITORING WELL LOCATION
- SB-16 ⊗ SOIL BORING LOCATION
- SW-1/ ⊕ SED-1 SURFACE WATER AND SEDIMENT SAMPLING LOCATION

SAMPLE LOCATION MAP

61 GATES AVE.
GENEVA, NY

PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY
DATE 03/15/06	REVIEWED BY	FILE NAME 2-1



each boring. The well screen was installed to straddle the shallow water table. A sand pack was installed around the well screen and extended one to two feet above the top of the well screen. A one-foot-thick bentonite pellet seal was placed above the sand pack and a cement/bentonite grout was utilized to backfill the remainder of the annulus to grade. The wells were completed with steel protective guard pipes. Following installation, reference points were marked on the top of the well casing to allow for surveying. All generated wastes (i.e., soil cuttings) were containerized pending proper management.

2.2.2 Well Development

Low-flow purging and development techniques were used to develop each of the newly installed monitoring wells. Each well was developed, with a low-flow peristaltic pump and dedicated sample tubing, until the turbidity of the water was below 50 NTU, and/or field parameters (pH, conductivity, and temperature) stabilized (readings within 10% of each other). Development water from the wells was checked periodically for the presence of a sheen or free product. Development water was containerized pending proper management (See Section 2.5).

2.3 SAMPLING AND ANALYSIS

Environmental sampling during the SRI was conducted in accordance with the NYSDEC-approved IWP. Samples collected during the SRI were analyzed by Severn Trent Laboratories, Inc. (STL), which is an NYSDOH ELAP-certified laboratory that participates in the contract laboratory program (CLP). Laboratory analytical procedures adhered to NYS ASP 2000 methodologies and protocols.

Analytical results were reported by STL using NYSDEC ASP 2000 Category B deliverables. Site-specific quality assurance/quality control (QA/QC) samples, including matrix spike (MS)/matrix spike duplicate (MSD) samples and field duplicates were collected and analyzed, as appropriate.

2.3.1 Soil Sampling

Two soil samples from each soil boring were selected for laboratory analysis. Generally, one soil sample per boring was selected from shallow depths (between 2 feet to 4 feet below grade) to evaluate potential surficial VOC releases. The second sample was generally collected in the saturated zone at the water table interface, at the base of the boring, or at the depth interval with the highest PID reading. Soil samples were analyzed for VOCs (USEPA Method 8260).

2.3.2 Surface Water and Sediment Sampling

On 13 July 2005, three sediment samples (SED-1 to SED-3) were collected in the offsite eastern drainage ditch at locations proximal to the Site (Figure 2-1). On 18 October 2005, three surface water samples (SW-1 to SW-3) were collected in the offsite drainage ditch at the same locations where sediment samples were previously collected. Surface water and sediment samples were analyzed for VOCs (USEPA Method 8260).

2.3.3 Groundwater Sampling

On 18 October 2005 (Round 1) and 11 January 2006 (Round 2), groundwater samples were collected from each of the 10 existing monitoring wells located onsite and offsite (Figure 2-1). Prior to sampling, each monitoring well was purged, using low-flow purging techniques, until a minimum of at least three well volumes were removed and until the field parameters (pH, temperature, conductivity, and turbidity) stabilized. Following purging, groundwater samples were collected directly from dedicated low-flow sampling tubing. Field parameters and groundwater elevation data were collected from each monitoring well prior to purging (water level measurement) and during sampling (field parameters). Groundwater samples were analyzed for VOCs (USEPA Method 8260), TAL metals, and methylene blue active substances (MBAS).

During Round 1 sampling, one groundwater sample (MW-117) was also analyzed for STARS SVOCs (EPA Method 8270 base neutrals). In addition, during Round 1

sampling insufficient groundwater volume was recovered from well MW-121; therefore, samples for TAL metals and MBAS analyses were not collected from this well.

2.4 SURVEYING

Upon completion of all field tasks, the horizontal and vertical locations of all soil borings and monitoring wells were surveyed by Leonard O. Gardner, L.S., Geneva, New York, a New York State (NYS) licensed land surveyor. Vertical elevations were recorded to the nearest 0.01-foot. Top-of-PVC casing elevations for each monitoring well were also recorded to the nearest 0.01-foot to establish water table elevations and groundwater flow direction. In addition, all other sampling points (i.e., surface water and sediment, etc.) were surveyed and referenced to an onsite fixed datum point.

2.5 WASTE MANAGEMENT

On 18 October, composite waste characterization samples were collected from the drummed solid and liquid wastes that were generated during the SRI activities. Liquid waste samples were analyzed for VOCs (EPA Method 8260) and SVOCs (EPA Method 8270 base neutral compounds). Solid waste samples were analyzed for TCLP VOCs (EPA Method 8260), TCLP SVOCs (EPA Method 8270), PCBs (EPA Method 8082), TCLP metals, pH, flash point and paint filter analyses. Waste characterization samples were analyzed by STL.

On 7 November 2005, six 55-gallon drums of liquid waste and seven 55-gallon drums of solid waste were picked up at the Site by Environmental Products and Services of Vermont (US EPA ID No. VTR000500090) and transported to their facility located in Syracuse, NY for disposal. Waste characterization data and the waste manifest are provided in Attachment 4.

3.0 *SRI RESULTS*

This section describes the results of the SRI activities and presents the validated analytical data for the samples, which were collected as part of the SRI.

3.1 *DATA EVALUATION*

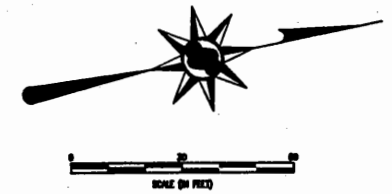
Following receipt, analytical data packages were first checked for completeness and accuracy; and were validated by Mr. Donald Anné, a NYSDEC-approved data validation chemist. The analytical results were determined to meet the project specific criteria for data quality and data use. Following validation, a Data Usability Summary Report (DUSR) was prepared for each data package. DUSRs are presented in Attachment 1. Analytical data summary reports are presented in Attachment 2. Analytical backup reports (including laboratory QA/QC, chromatographs, etc.) are not presented as part of this report; however, they will be made available upon request.

Analytical data for soil samples were compared to NYSDEC TAGM 4046 recommended soil cleanup objectives. Sediment analytical data were compared to NYSDEC Division of Fish, Wildlife and Marine Resources Technical Guidance for Screening Contaminated Sediments. Groundwater and surface water analytical data were compared to NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS) ambient water quality standards and guidance values, which are derived from 6 NYCRR Parts 700-705, Water Quality Regulations.

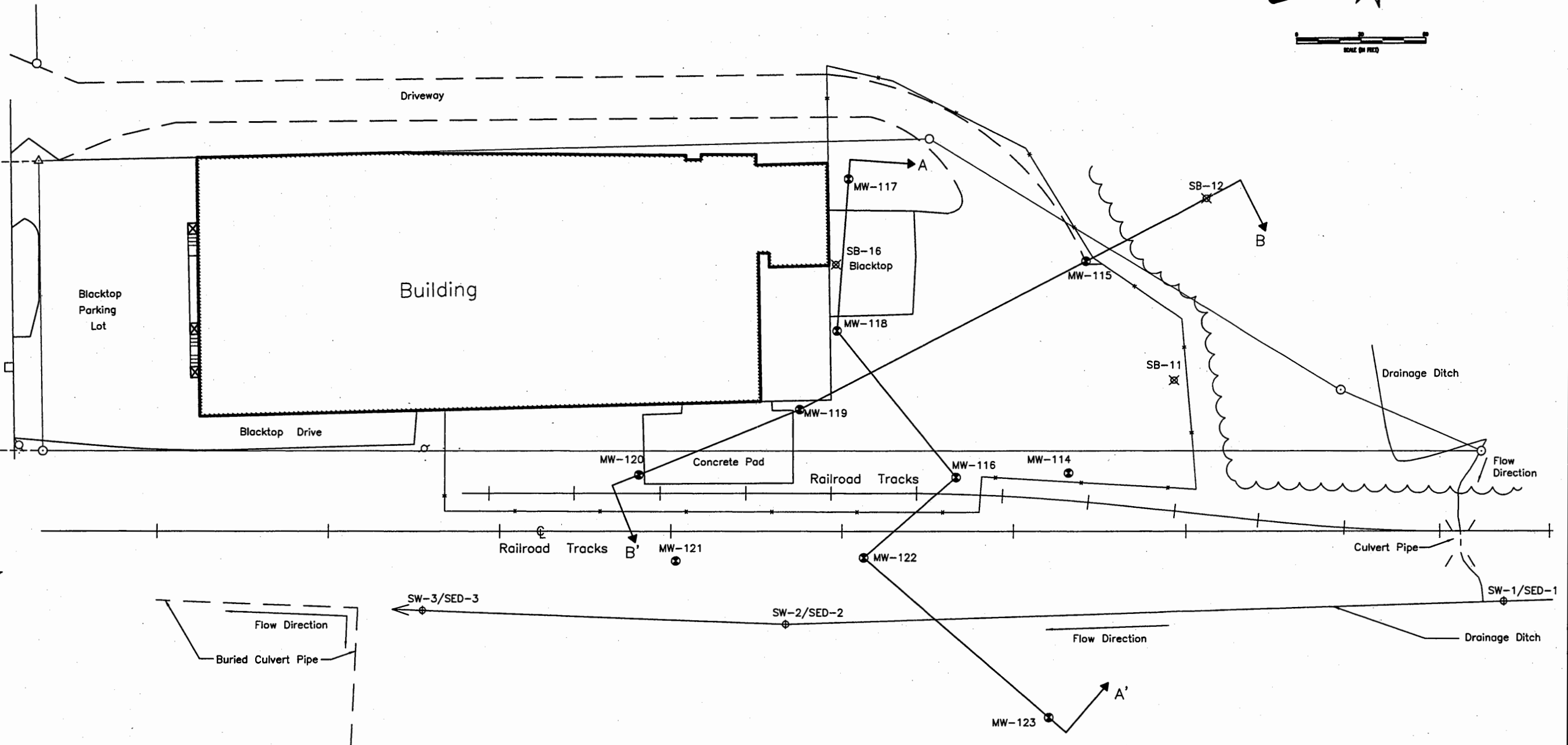
3.2 *SUBSURFACE SOIL INVESTIGATION RESULTS*

3.2.1 *Site Geology*

Site geology was characterized based on information obtained during the installation of 13 soil borings across the Site and from information obtained during Delta's previous investigation activities. The locations of the soil borings installed during the SRI are shown on Figure 3-1. Soil boring logs and well details are presented in Attachment 3.

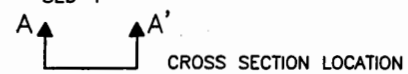


GATES AVENUE



LEGEND

- MW-120 ● MONITORING WELL LOCATION
- SB-16 ✕ SOIL BORING LOCATION
- SW-1/ SED-1 ⊕ SURFACE WATER AND SEDIMENT SAMPLING LOCATION



CROSS SECTION LOCATION MAP

61 GATES AVE.
GENEVA, NY

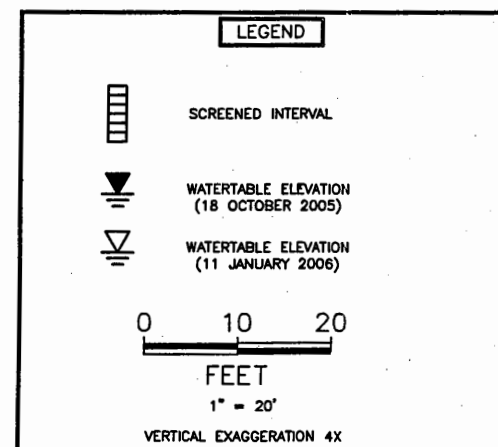
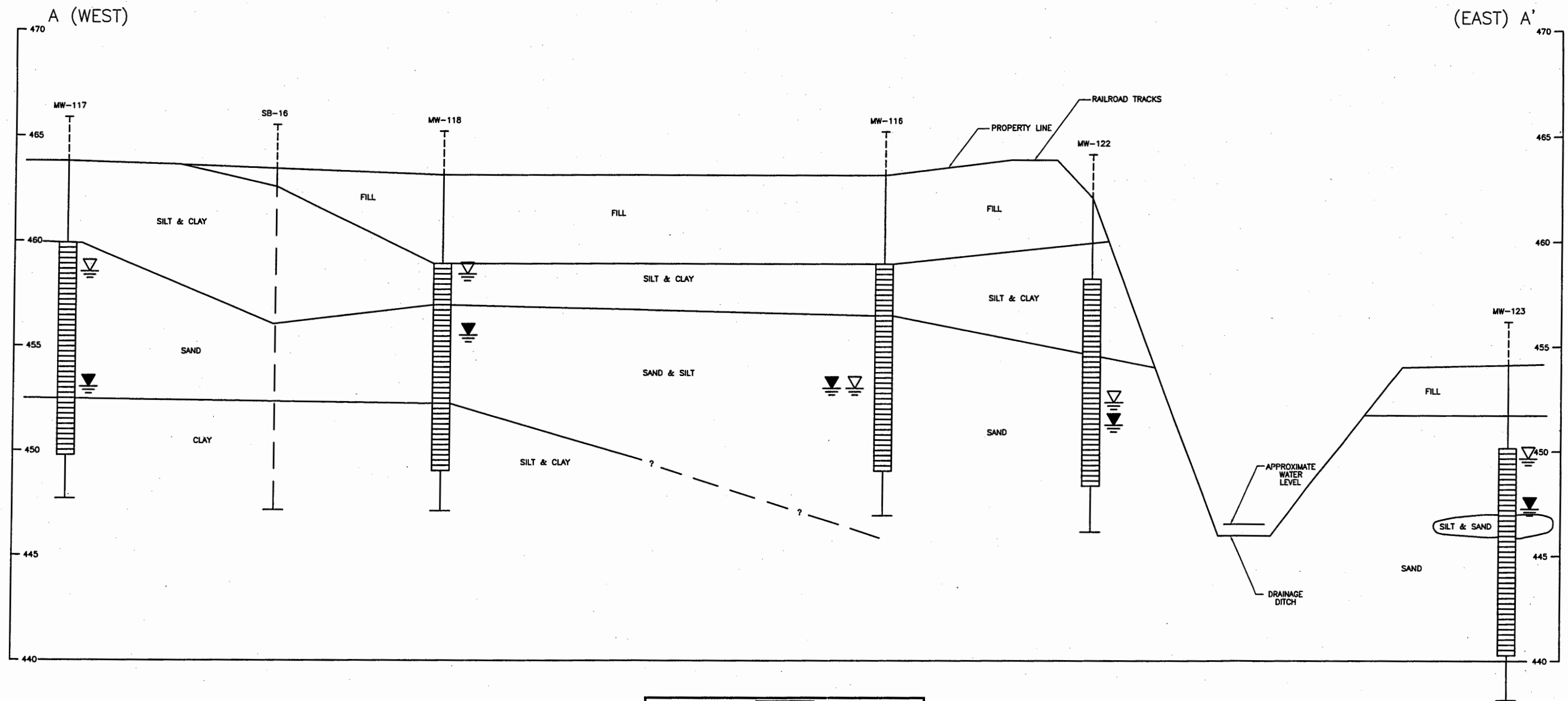
PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY
DATE 03/15/06	REVIEWED BY	FILE NAME 3-1



Based on geologic information obtained from soil borings installed as part of the SRI, two geologic cross sections were developed, which transect the Site from north to south and from east to west (Figures 3-1, 3-2, and 3-3). As shown on the cross sections, the Site is underlain by several unconsolidated units of varying composition and thickness. Generally, between 0 and 4 feet of a mixed fill (gravel, silt, and/or mixed debris) is located across the majority of the Site. This unit appears to have been placed onsite to build up areas of the Site and to provide base material for parking areas and roadways. The fill layer is underlain by a natural silt and clay unit, which ranges in thickness from 0 to 8 feet. A sand and mixed sand and silt unit underlies the silt and clay unit and ranges in thickness from approximately 2 feet to over 10 feet. In the central area of the investigation area this unit typically consists of mixed silt and sand layers, which are highly variable and interbedded at times. On the perimeter of the investigation area, this unit typically consists mainly of sand; however, interbedded silt layers are still present, but are less frequent. Finally, a clay and mixed silt and clay unit is present at depths of between 9 feet and 14 feet below grade. This unit was present in borings located from the western side of the Site (MW-117) up to the eastern area of the Site (MW-119). However, this unit was not encountered in borings located along the far eastern side of the Site (MW-116 and MW-120) and also was not present in offsite borings (MW-121, MW-122, and MW-123) indicating that the unit may have dipped below the bottom of soil borings installed during the SRI².

Field screening indicated that a ten-foot-thick layer of petroleum-impacted soils (4 feet to 14 feet below grade) was encountered in soil boring MW-117. Soils exhibited petroleum odors and black staining and PID readings ranged from 26 ppm to 138 ppm. Slightly elevated PID readings (up to 9.5 ppm) were also encountered in soil borings MW-118, MW-119 and MW-121 at depths near the water table interface. However, evidence of staining and odors were not observed in these borings. PID readings in the remainder of the soil borings were generally low (< 3 ppm) to non-detect.

² Previous investigation data indicate that this unit is present to the east of the Site at depths, which were below those of the soil borings installed during the SRI.



GEOLOGIC CROSS-SECTION (WEST-EAST)

61 GATES AVE.
GENEVA, NY

PROJECT NO.
V0042101

PREPARED BY
MTG

DRAWN BY

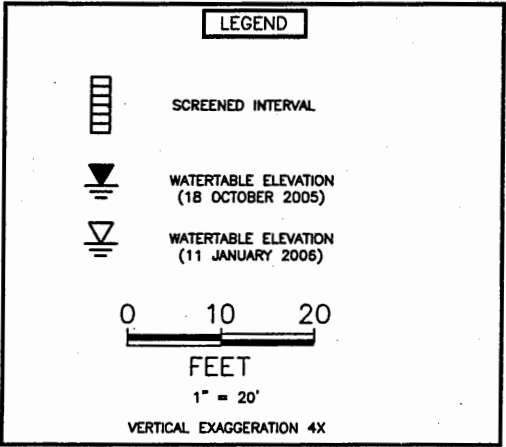
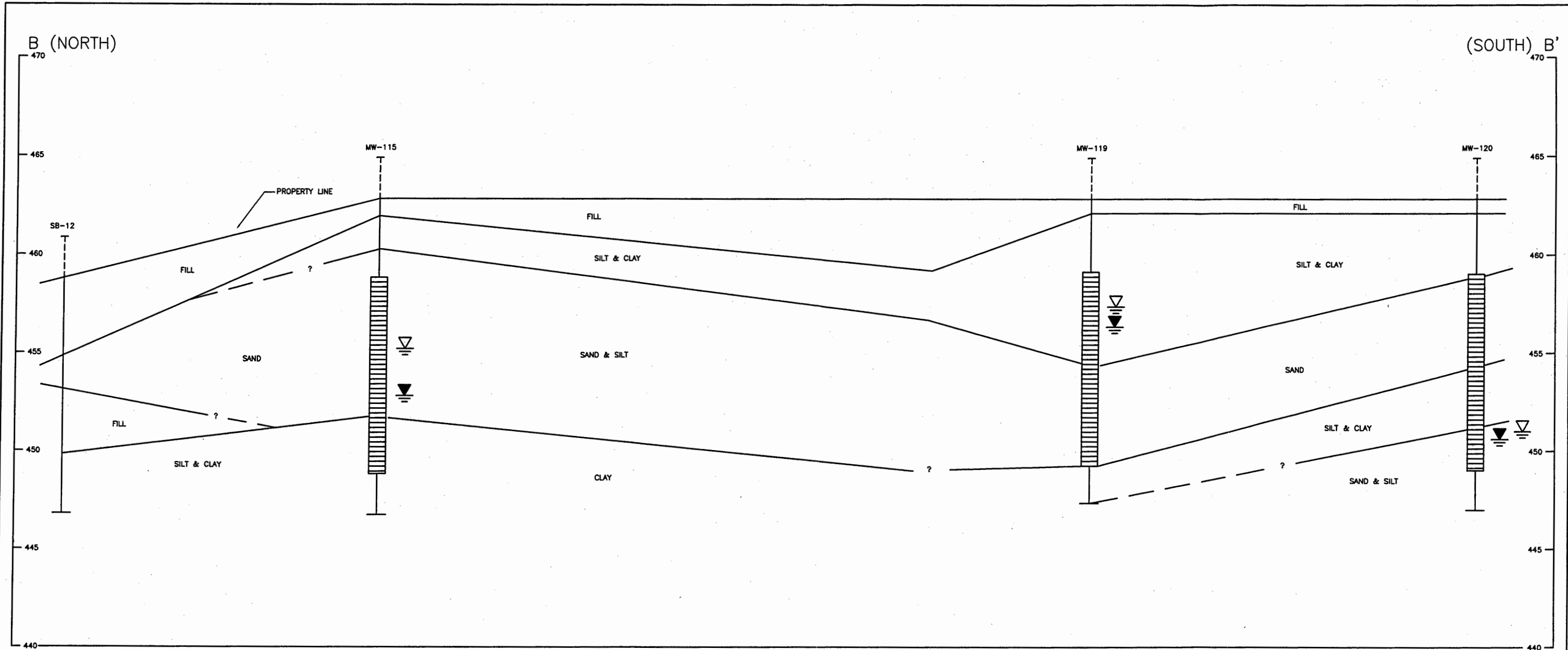
03/15/06


REVIEWED BY

FILE NAME

3-2





GEOLOGIC CROSS-SECTION (NORTH- SOUTH)			
61 GATES AVE. GENEVA, NY			
PROJECT NO. V0042101	PREPARED BY MTG	DRAWN BY	
03/15/06	REVIEWED BY	FILE NAME 3-3	

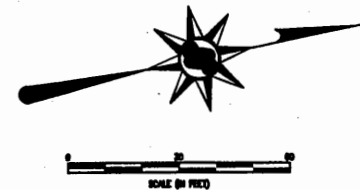
3.3 *HYDROGEOLOGIC INVESTIGATION RESULTS*

3.3.1 *Site Hydrogeology*

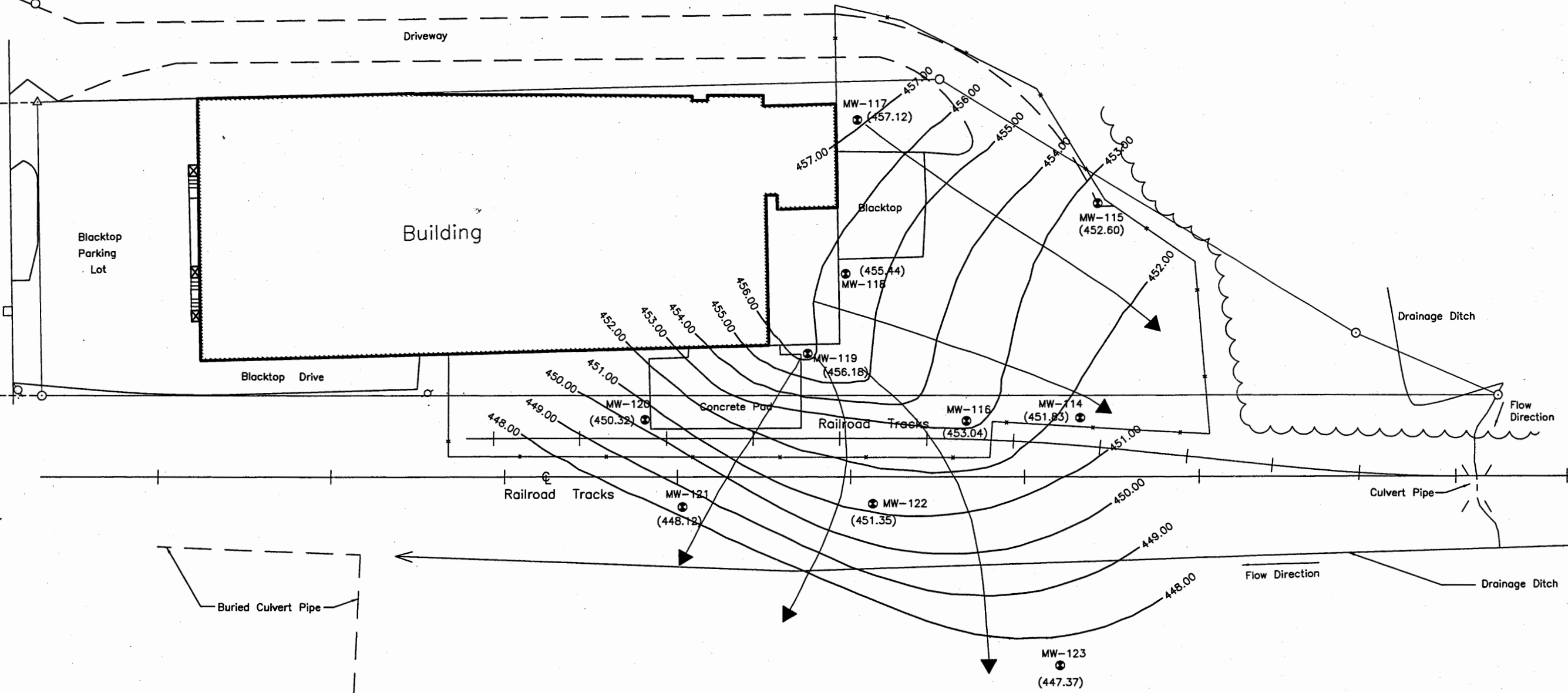
Groundwater conditions across the Site were evaluated on 18 October 2005 and 11 January 2006 and are illustrated on Figures 3-4 and 3-5, respectively. Groundwater elevation measurements indicated that groundwater was present in a shallow unconfined aquifer beneath the Site at depths of approximately 4.9 feet to 13.65 feet below grade (Attachment 3). A review of geologic cross sections, which illustrate geologic units with respect to water level elevations indicated that groundwater generally occurred in the sand and mixed silt and sand units underlying the Site. The data also indicated that fluctuations in groundwater elevations were generally minor (< 2 feet) along the eastern side of the Site. Towards the western area of the Site, the water level fluctuations were more pronounced and variable with seasons (2 feet to 3.3 feet). The greatest depth to groundwater at the Site tended to be along the eastern area of the Site near monitoring wells MW-114, MW-116, MW-120, MW-121, and MW-122. The greater depths to groundwater in this area appear to reflect topographic conditions where a steep embankment is located and where depth to groundwater increases as a function of the sloping ground surface.

Groundwater flow maps indicate that groundwater flow in the shallow water table aquifer across the Site was generally similar during October 2005 and January 2006. The groundwater flow maps indicate that groundwater flow across the northern yard area was to the northeast; however, as the eastern property line and railroad tracks are approached, groundwater flow direction is deflected and became more easterly. This variation in groundwater flow direction appears to be related and influenced by the presence of the steep embankment located on the eastern side of the adjacent railroad tracks.

Groundwater flow near the northeast corner of the building was to the east to southeast and also appeared to be influenced and reflective of sloping topography along the adjacent railroad tracks and embankment. Groundwater elevation data indicate that groundwater flow across the Site is at gradients of approximately 0.032 feet/feet to 0.085 feet/feet.




GATES AVENUE

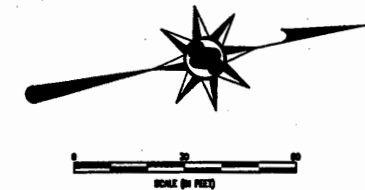


LEGEND

- MW-120 ● MONITORING WELL LOCATION
- (450.32) GROUNDWATER ELEVATION
- 450.00 — GROUNDWATER ELEVATION CONTOUR LINE
- GROUNDWATER FLOW DIRECTION

GROUNDWATER ELEVATION
CONTOUR MAP
18 OCTOBER 2005
61 GATES AVE.
GENEVA, NY

PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY	
DATE 03/15/06	REVIEWED BY	FILE NAME 3-4	



GATES AVENUE

Blacktop
Parking
Lot

Building

Driveway

Blacktop Drive

Concrete Pad

Railroad Tracks

Railroad Tracks

Drainage Ditch

Flow Direction

Culvert Pipe

Flow Direction

Drainage Ditch

Buried Culvert Pipe

LEGEND

- MW-120 (450.32) MONITORING WELL LOCATION
(450.32) GROUNDWATER ELEVATION
450.00 GROUNDWATER ELEVATION CONTOUR LINE
--- ESTIMATED CONTOUR LINE
→ GROUNDWATER FLOW DIRECTION

MW-117
(458.54)

Blacktop

(456.85)
MW-118

MW-119
(457.03)

MW-116
(452.94)

MW-114
(452.58)

MW-115
(455.15)


MW-120
(450.72)

MW-121
(448.52)

MW-122
(452.40)

MW-123
(449.62)

GROUNDWATER ELEVATION
CONTOUR MAP
11 JANUARY 2006
61 GATES AVE.
GENEVA, NY

PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY	
DATE 03/15/06	REVIEWED BY	FILE NAME 3-5	

3.3.2 *Surface Water*

A north to south trending intermittent drainage ditch is located offsite (east of the Site) at the base of the adjacent railroad track embankment (Figure 3-1). Observations indicate that the eastern drainage ditch appears to receive the majority of its flow from areas located to the north of the Site, which include the adjacent CCN International property. During the SRI, discharges were observed from a culvert pipe on the adjacent CCN International property. These discharges entered a drainage ditch that flowed to the east and entered a culvert pipe (east to west trending) that was located beneath the railroad tracks. Flow from this culvert pipe was then observed to discharge into the eastern drainage ditch at its head. The main source of flow into the eastern drainage ditch appeared to be coming from the CCN discharge point. During SRI fieldwork performed in July and October 2005 and January 2006, no surface water flow was observed to be entering the eastern drainage ditch north of the culvert pipe located beneath the railroad tracks. The nature and source of the discharge on the adjacent CCN property is unknown.

Once surface waters enter the eastern drainage ditch, flow is toward the south along the base of the railroad track embankment. Surface waters remain in the open drainage ditch until channelized into a buried culvert pipe near the south end of the ditch. Reportedly, surface water from the ditch flows into the City of Geneva storm water sewer system. Minimal flow was observed in the drainage ditch during the January 2006 groundwater monitoring event.

A review of groundwater elevation data for wells located to the east (MW-123) and west (MW-121 and MW-122) of the drainage ditch indicate that surface water elevations in the ditch are consistently lower than the water table elevations in these wells, which suggests that some limited groundwater discharge to the ditch may be occurring (Figure 3-2). Previous reports have suggested that the drainage feature is acting as a groundwater divide; however, based on available data, this assertion cannot be supported. Based on groundwater flow conditions in the area, groundwater flow gradients, and the presence of steeply sloping topography, it appears likely that the drainage ditch may receive a small

component of recharge from shallow groundwater flow. It does not appear that the drainage ditch is fully penetrating into the shallow water table and that this feature acts as a groundwater flow barrier or divide. The majority of flow in the ditch instead appears to originate from discharges on the adjacent CCN property.

3.4 ANALYTICAL RESULTS

3.4.1 Soil Analytical Results

Analytical results for subsurface soil samples are presented on Table 3-1. A review of the analytical data for surface soils collected at 13 locations (MW-114A through MW-123A, SB-11A, SB-12A, SB-16A, MW-114B through MW-123B, SB-11B, SB-12B, and SB-16B) across the Site indicated the following:

- VOCs were detected in all soil samples, with the exception of soil sample MW-115A. Concentrations of all VOCs detected were below NYSDEC TAGM 4046 recommended soil cleanup objectives.
- CVOCs, including vinyl chloride, 1,1-Dichloroethene (1,1-DCE), 1,1-Dichloroethane (1,1-DCA), cis-1,2-Dichloroethene (cis-1,2-DCE), 1,1,1-Trichloroethane (1,1,1-TCA), Trichloroethene (TCE), and Tetrachloroethene (PCE), were the predominant analytes detected in all soil samples, with the exception of soil sample MW-117A. In soil sample MW-117A, petroleum-based analytes, including ethylbenzene, xylenes, and isopropylbenzene, were the predominant VOCs detected.
- Concentrations of CVOCs detected in soils were the highest in soil samples MW-114A, MW-116A, MW-116B, MW-117B, MW-118A, MW-119A, MW-123A, MW-123B and SBA-11.
- Distribution of CVOCs in soil samples was variable with depth and location and appeared to be widespread across the Site. CVOCs were also detected on adjoining properties to the east; however, concentrations were generally lower than those detected in soil samples collected onsite.

TABLE 4-1
Subsurface Soil Sampling Analytical Results
61 Gates Avenue, NY

PARAMETER	TAGM 4046 Soil Cleanup Objectives (ppb)	SAMPLE ID / Sample Depth (feet)													
		MW-114A (2.0'-4.0')	MW-114B (8.0'-12.0')	MW-115A (1.0'-4.0')	MW-115B (8.0'-12.0')	MW-116A (2.0'-4.0')	MW-116B (8.0'-14.0')	MW-117A (6.0'-10.0')	MW-117B (12.0'-16.0')	MW-118A (2.0'-4.0')	MW-118B (6.0'-11.0')	MW-118C (6.0'-11.0')	MW-119A (2.0'-4.0')	MW-119B (8.0'-12.0')	MW-120A (2.0'-4.0')
Volatile Organic Compounds (ppb)															
Vinyl Chloride	200	ND	ND	ND	ND	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1,900	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	100	7 J	7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	200	ND	ND	ND	3 J	70	5 J	15	7 J	4 J	8 J	6 J	5 J	6 J	50
Carbon Disulfide	2,700	ND	ND	ND	ND	4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	400	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	200	ND	ND	ND	ND	ND	ND	ND	93	4 J	ND	ND	ND	ND	ND
Chloroform	300	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND
2-Butanone	300	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	800	6 J	ND	ND	ND	7 J	1 J	ND	ND	ND	ND	ND	ND	ND	14
Trichloroethene	700	160	5 J	ND	ND	ND	ND	ND	ND	44	ND	ND	18	ND	ND
Benzene	60	ND	ND	ND	ND	16	ND	ND	1 J	ND	ND	ND	180	ND	ND
Tetrachloroethene	1,400	51	8 J	ND	1 J	8 J	66	1 J	ND	75	8 J	12	18	5 J	ND
Toluene	1,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5,500	ND	ND	ND	ND	9 J	ND	170	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	1,200	ND	ND	ND	ND	22	ND	200	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	250	0	ND	ND	ND	53	2 J	ND	8 J	4 J	8 J	8 J	26	2 J	ND
trans-1,2-Dichloroethene	300	2 J	ND	ND	ND	4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NS	ND	ND	ND	ND	4 J	ND	2 J	ND	2 J	ND	ND	2 J	ND	ND
Cyclohexane	NS	ND	ND	ND	ND	ND	ND	23	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	ND	ND	ND	ND	120	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	2,300	ND	ND	ND	ND	2 J	ND	200	2 J	ND	ND	ND	ND	ND	ND

Notes:

ND: Compound not detected.

NS: No Standard.

MDL: Method Detection Limit.

J: Estimated Value.

MW-118C is a duplicate of MW-118B

1,200

Analyte detected at concentration in excess of NYSDEC TAGM 4046 recommended soil cleanup objective.

TABLE 3-1 (continued)
Subsurface Soil Sample Analysis Results
61 Gates Ave, Geneva, NY

PARAMETER	TAGM 4046 Soil Cleanup Objectives (ppb)	MW-120B (8.0'-12.0')	MW-121A (2.0'-4.0')	MW-121B (8.0'-12.0')	MW-122A (2.0'-4.0')	MW-122B (8.0'-12.0')	MW-123A (8.0'-12.0')	MW-123B (12.0'-16.0')	SB-12A (4.0'-8.0')	SB-12B (8.0'-12.0')	SBC-16A (2.0'-4.0')	SB-16B (8.0'-12.0')	SB-11A (2.0'-4.0')	SB-11B (8.0'-12.0')
Volatile Organic Compounds (ppb)														
Vinyl Chloride	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	100	ND	ND	8 J	11 J	12	6 J	5 J	6 J	8 J	ND	8 J	8 J	6 J
Acetone	200	7 J	ND	ND	ND	4 J	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	2,700	ND	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND
1,1-Dichloroethene	400	ND	ND	ND	ND	ND	35	21	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	200	ND	ND	2 J	ND	ND	160	140	ND	ND	ND	ND	ND	ND
Chloroform	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	800	ND	ND	ND	ND	ND	ND	ND	ND	6 J	11 J	ND	ND	ND
Trichloroethene	700	ND	ND	3 J	ND	ND	5 J	ND	ND	ND	ND	2 J	ND	ND
Benzene	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2 J	45	5 J
Tetrachloroethene	1,400	1 J	ND	ND	ND	ND	17	3 J	ND	ND	ND	4 J	2 J	ND
Toluene	1,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	250	1 J	ND	3 J	ND	2 J	4 J	1 J	ND	ND	ND	2 J	ND	ND
trans-1,2-Dichloroethene	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NS	ND	2 J	ND	ND	ND	ND	ND	3 J	ND	ND	ND	2 J	ND
Cyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	2,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

ND: Compound not detected.

NS: No Standard.

MDL: Method Detection Limit.

J: Estimated Value.

MW-118C is a duplicate of MW-118B

1,200

Analyte detected at concentration in excess of NYSDEC TAGM 4046 recommended soil cleanup objective.

3.4.2 Sediment Analytical Results

Analytical results for sediment samples are presented on Table 3-2. A review of the analytical data for sediment samples (SED-1 to SED-3) collected at three locations along the eastern offsite drainage ditch indicated the following:

- VOCs were detected in two downstream sediment samples (SED-2 and SED-3) at concentrations that were significantly below the applicable NYSDEC sediment screening values for the analytes detected.
- Concentrations of total VOCs detected in sediments increased from 0 ppb in the upstream sample (SED-1) to 38 ppb (SED-2) and 51 ppb (SED-3), respectively, in the downstream samples.
- CVOCs, including vinyl chloride, 1,1-DCA and cis-1,2-DCE, were the predominant analytes detected in sample SED-2. In sample SED-3, CVOCs (1,1-DCA, TCE, PCE, and cis-1,2-DCE) and non-CVOCs (carbon disulfide, methylene chloride, and 2-Butanone) were evenly distributed in the sample.

3.4.3 Surface Water Analytical Results

Analytical results for surface water samples are presented on Table 3-3. A review of the analytical data for surface water samples (SW-1 to SW-3) collected at three locations along the eastern drainage ditch indicated the following:

- VOCs were detected in all surface water samples at concentrations below NYSDEC Class D surface water standards or guidance values, with the exception of PCE, which was detected in sample SW-1 at a concentration (4 ppb) that was above the established guidance value of 1 ppb.
- Concentrations of total VOCs detected in surface water samples were the highest (25 ppb) in the upstream sample (SW-1) and were observed to decrease slightly in downstream samples SW-2 (11 ppb) and SW-3 (15 ppb), respectively.
- CVOCs, including 1,1-DCA, 1,1-DCE, TCE, PCE, and cis-1,2-DCE, were the predominant analytes detected in surface water samples.

TAB 3-2
Sediment Sample Analytical Results
61 Gates Ave, Geneva, NY

PARAMETER	Human Health Bioaccumulation Criteria (ppb)	Benthic Aquatic Life Acute Toxicity (ppb)	Benthic Aquatic Life Chronic Toxicity (ppb)	Wildlife Bioaccumulation (ppb)	SAMPLE ID / Sample Depth (feet)		
					SED-1 (0' - 0.5')	SED-2 (0' - 0.5')	SED-3 (0' - 0.5')
Volatile Organic Compounds (ppb)							
Vinyl Chloride	70	NS	NS	NS	ND	2 J	ND
Acetone	NS	NS	NS	NS	ND	ND	ND
Carbon Disulfide	NS	NS	NS	NS	ND	ND	3 J
Methylene Chloride	NS	NS	NS	NS	ND	9 J	10 J
1,1-Dichloroethane	NS	NS	NS	NS	ND	24	6 J
2-Butanone	NS	NS	NS	NS	ND	ND	11 J
Trichloroethene	2,000	NS	NS	NS	ND	ND	5 J
Tetrachloroethene	800	NS	NS	NS	ND	ND	4 J
cis-1,2-Dichloroethene	NS	NS	NS	NS	ND	3 J	10 J
Dichlorodifluoromethane	NS	NS	NS	NS	ND	ND	2 J

Notes:

ND: Compound not detected.

NS: No Standard.

J: Estimated Value.

1,200

Analyte detected at concentration in excess of NYSDEC Technical Guidance for Screening Contaminated Sediments.

TABLE 3-3
Surface Water Sample Analytical Results
18 October 2005
61 Gates Ave, Geneva, NY

PARAMETER	NYSDEC Class D Surface Water Standard (ppb)	SAMPLE ID		
		SW-1	SW-2	SW-3
Volatile Organic Compounds (ppb)				
Acetone	NS	12	ND	ND
1,1-Dichloroethene	NS	1 J	ND	ND
1,1-Dichloroethane	NS	8 J	4 J	6 J
Trichloroethene	40	ND	ND	1 J
Tetrachloroethene	1 GV	4 J	ND	ND
cis-1,2-Dichloroethene	NS	ND	7 J	8 J

Notes:

ND: Compound not detected.

NS: No Standard.

GV: Guidance Value

J: Estimated Value.

1,200

Analyte detected at concentration in excess of NYSDEC Class D Surface Water Standard or Guidance Value.

3.4.4 Groundwater Analytical Results - October 2005

Analytical results for groundwater samples collected during the October 2005 sampling event are presented on Table 3-4. A review of the analytical data indicated the following:

- VOCs were detected in all groundwater samples at concentrations in excess of NYSDEC Class GA groundwater standards.
- CVOCs, including vinyl chloride, 1,1-DCE, 1,1-DCE, cis-1,2-DCE, 1,1,1-TCA, TCE and PCE, were the predominant analytes detected in all groundwater samples, with the exception of groundwater sample MW-117. In groundwater sample MW-117, petroleum-based analytes, including ethylbenzene, xylenes, and isopropylbenzene, were the predominant VOCs detected.
- Concentrations of CVOCs detected in groundwater samples were the highest in samples MW-116, MW-118, MW-122, and MW-123.
- Three SVOCs were detected in the one sample (MW-117) analyzed for SVOCs; however, concentrations were below NYSDEC Class GA groundwater standards.
- A minimum of one metal was detected in all groundwater samples at concentrations in excess of NYSDEC Class GA groundwater standards.

Generally, in all groundwater samples, the analytes that were typically detected at concentrations above groundwater standards were iron, magnesium, manganese, and sodium. However, in three samples (MW-117, MW-118, and MW-117) several heavy metals, including antimony (MW-119), arsenic (MW-117), lead (MW-118) and nickel (MW-118), were detected at concentrations above groundwater standards.

- MBAS were detected in five groundwater samples (MW-115, MW-117, MW-118, MW-119, and MW-120). Of these samples, the concentration of MBAS in sample MW-118 (1,400 ppb) was the only sample which was detected in excess of groundwater standards.
- The presence of MBAS in groundwater appeared to be generally clustered in groundwater samples, which were collected from monitoring wells located along the northeastern corner and northern edge of the building.

Groundwater Sampling Analytical Results
18 October 2005
61 Gates Ave, Geneva, NY

PARAMETER	NYSDEC Class GA Groundwater Standard (ppb)	SAMPLE ID										
		MW-114	MW-115	MW-116	MW-117	MW-117A (1)	MW-118	MW-119	MW-120	MW-121 (2)	MW-122	MW-123
Volatile Organic Compounds (ppb)												
Vinyl Chloride	2	ND	8 J	11	ND	ND	510 D	8 J	4 J	3 J	310 D	1 J
1,1-Dichloroethene	5	2 J	9 J	38	ND	ND	110	2 J	ND	6 J	31	64 D
1,1-Dichloroethane	5	ND	50	11	ND	ND	250 D	44	20	15	160 DJ	260 D
Chloroform	7	ND	1 J	ND	ND	ND	10	4 J	ND	ND	ND	ND
2-Butanone	50	ND	ND	ND	2 J	2 J	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	7 J	38	440 D	ND	ND	530 D	73	11	4 J	170	6 DJ
Trichloroethene	5	24	11	130	ND	ND	1,100 D	110	11	11	100	56 D
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND	1 J	ND	ND	2 J	ND
Benzene	1	ND	ND	ND	ND	ND	ND	1 J	ND	ND	2 J	ND
4-Methyl-2-pentanone	NS	ND	ND	ND	ND	ND	48	ND	ND	18	ND	ND
Tetrachloroethene	5	37	34	1,100 D	1 J	1 J	1,800 D	34	6 J	7 J	10	230 D
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	37 DJ	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	69	68	ND	ND	ND	ND	ND	ND
Total Xylenes	5	ND	ND	ND	58	58	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	2 J	ND	ND	14	2 J	ND	ND	36	ND
cis-1,2-Dichloroethene	5	4 J	15	140	3 J	3 J	1,400 D	91	26	24	1,400 D	18 DJ
Cyclohexane	NS	ND	ND	ND	2 J	2 J	ND	ND	ND	ND	ND	ND
Methylcyclohexane	NS	ND	ND	ND	5 J	5 J	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	28	28	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (ppb)												
Acenaphthene	20	NA	NA	NA	1 J	NA	NA	NA	NA	NA	NA	NA
Bis(2-Ethylhexyl)phthalate	5	NA	NA	NA	4 J	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	NA	NA	NA	0.9 J	NA	NA	NA	NA	NA	NA	NA
Metals (ppb)												
Aluminum	NS	15.6 B	155 B	152 B	124 B	122 B	6,180	5,630	209	NA	39.6 B	9,390
Antimony	3.0	ND	ND	ND	ND	ND	ND	3.6 B	ND	NA	ND	ND
Arsenic	25	ND	ND	ND	42	46.8	6.2 B	6.8 B	5.1 B	NA	3.3 B	15.9
Barium	1,000	44.9 B	80.2 B	60.3 B	118 B	125 B	130 B	42.1 B	63 B	NA	78.7 B	148 B
Beryllium	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.27 B
Cadmium	5	ND	0.44 B	ND	ND	ND	0.39 B	ND	ND	NA	ND	ND
Calcium	NS	116,000	157,000	181,000	164,000	171,000	181,000	91,900	91,700	NA	139,000	238,000
Chromium	50	1 B	ND	ND	1.2 B	0.41 B	6.9 B	8.2 B	0.56 B	NA	ND	11
Cobalt	NS	31.4 B	69.9	12.5 B	1.2 B	1.1 B	714	5.7 B	4.1 B	NA	7.4 B	9.2 B
Copper	200	5.1 B	18.4 B	1.4 B	1.8 B	1.3 B	104	16.5 B	2.9 B	NA	3.4 B	14.9 B
Iron	300	ND	188	235	17,500	18,100	7,580	7,570	428	NA	42.6 B	17,400
Lead	25	ND	ND	ND	ND	ND	32.1 J	6.9 J	ND	NA	ND	5.9
Magnesium	35,000	33,300	39,200	40,700	18,400	19,100	50,800	24,100	11,400	NA	27,500	89,200
Manganese	300	9.6 B	699	1,030	1,750	1,810	2,580	379	4,720	NA	829	735
Nickel	100	30.1 B	131	18.6 B	2 B	2.6 B	1,400	15.7 B	12.1 B	NA	17.2 B	42.6
Potassium	NS	752 B	1,700 B	1,060 B	3,700 B	3,880 B	5,060	15,800	31,700	NA	990 B	4,480 B
Selenium	10	4.1 B	4.2 B	ND	ND	3.3 B	3.9 B	9.9 B	4.7 B	NA	3.2 B	ND
Silver	50	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Mercury	0.7	ND N*	ND N*	ND N*	ND N*	ND N*	ND N*	ND N*	ND N*	NA	ND N*	ND N*
Sodium	20,000	99,800	202,000	59,000	16,700	17,600	371,100	137,000	165,000	NA	30,200	38,300
Thallium	0.5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Vandium	NS	ND	0.54 B	ND	4.3 B	4.3 B	10.6 B	12.8 B	1.2 B	NA	ND	20.2 B
Zinc	2,000	4.7 B	13.7 B	3.1 B	6.4 B	6 B	111	34.7	40	NA	2.1 B	42
Other (ppb)												
MBAS	500	ND	210	ND	450	420	1,400	80	40	NA	ND	ND

Notes:

ND: Compound not detected.

NS: No Standard.

Organic Data Qualifiers:

J: Estimated Value.

(1): MW-17A is a Duplicate of MW-17.

NA: Not Analyzed.

(2): Metals and MBAS not collected due to insufficient volume.

D: Analyte detected in analysis at secondary dilution factor.

Inorganic Data Qualifiers:

J or B: Value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N: Spike sample recovery not within quality control limits.

*: Correlation coefficient for the Method of Standard Addition is less than 0.995.

3.4.5 Groundwater Analytical Results – January 2006

Analytical results for groundwater samples collected during the January 2006 sampling event are presented on Table 3-5. A review of the analytical data indicated the following:

- VOCs were detected in all groundwater samples, with the exception of samples MW-117 and MW-123, at concentrations in excess of NYSDEC Class GA groundwater standards.
- CVOCs, including vinyl chloride, 1,1-DCE, 1,1-DCE, cis-1,2-DCE, 1,1,1-TCA, TCE and PCE, were the predominant analytes detected in all groundwater samples.
- Concentrations of CVOCs detected in groundwater samples were the highest in samples MW-116, MW-118, and MW-122.
- A minimum of one metal was detected in all groundwater samples at concentrations in excess of NYSDEC Class GA groundwater standards.
Generally, in all groundwater samples, the analytes that were typically detected at concentrations above groundwater standards were iron, magnesium, manganese, and sodium. Additionally, in sample MW-118, one heavy metal (nickel) was also detected at a concentration above groundwater standards.
- MBAS were detected in four groundwater samples (MW-117, MW-119, MW-120, and MW-121) at concentrations below groundwater standards.
- The presence of MBAS in groundwater appeared to be generally clustered in groundwater samples, which were collected from monitoring wells located along the northeastern corner and northern edge of the building.

TABLE 3-5
Groundwater Sampling Analytical Results
12 Jan 2006
61 Gates Ave, Geneva, NY

PARAMETER	NYSDEC Class GA Groundwater Standard (ppb)	SAMPLE ID										
		MW-114	MW-115	MW-116	MW-117	MW-117A (1)	MW-118	MW-119	MW-120	MW-121	MW-122	MW-123
Volatile Organic Compounds (ppb)												
Vinyl Chloride	2	2 J	ND	ND	ND	ND	1,000	4 J	9 J	2 J	450	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	56 DJ	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	3 J	ND	14 J	ND	ND	240 J	1 J	1 J	2 J	26 J	ND
1,1-Dichloroethane	5	3 J	1 J	10 J	ND	ND	480	42	25	9 J	180	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	2 J	1 J	ND	ND	ND
1,1,1-Trichloroethane	5	14	4 J	440 D	ND	ND	3,900	44	19	3 J	160	ND
Trichloroethene	5	33	ND	110 DJ	ND	ND	2,700	64	12	6 J	79 J	ND
Tetrachloroethene	5	98	42	1,100 D	3 J	3 J	4,900 DJ	21	4 J	3 J	11 J	1 J
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	1 J	ND	ND	27 J	ND
cis-1,2-Dichloroethene	5	6 J	ND	110 DJ	ND	ND	3,600	56	36	11	1,600	ND
Metals (ppb)												
Aluminum	NS	104 B	678	ND	162 B	131 B	1,650	1,210	ND	314	341	1,120
Antimony	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	14.3 J*	9.3 B*J	ND	3.8 B*J	ND	4.6 B*J	ND	ND
Barium	1,000	41.6 B	36.4 B	52.9 B	69.6 B	67.6 B	84.8 B	22 B	55.7 B	42.6 B	53.5 B	52.8 B
Beryllium	3	ND	ND	ND	ND	ND	0.15 BJ	ND	ND	ND	0.23 BJ	ND
Cadmium	5	ND	ND	ND	ND	ND	1 B	0.72 B	ND	0.45 B	ND	ND
Calcium	NS	108,000	162,000	176,000	81,600	79,900	199,000	64,000	96,300	127,000	148,000	187,000
Chromium	50	1.4 B	1.4 B	ND	0.81 B	ND	2.9 B	2.2 B	0.56 B	1.4 B	1.3 B	2 B
Cobalt	NS	28 B	2.2 B	9 B	ND	0.62 B	771	13.1 B	4.8 B	11.4 B	7.2 B	0.93 B
Copper	200	8.3 B	1.6 B	2.3 B	6.2 B	5.2 B	155	16.2 B	1.4 B	9.1 B	4.1 B	3.2 B
Iron	300	114 NJ	860 NJ	ND R	2,810 NJ	1,810 NJ	2,450 NJ	1,410 NJ	88.2 BNJ	907 NJ	325 NJ	1,950 NJ
Lead	25	ND	ND	ND	ND	ND	18	5.2	ND	3	ND	2.3 B
Magnesium	35,000	32,300	48,000	40,200	15,700	15,400	53,200	13,700	13,000	20,600	31,300	54,000
Manganese	300	3.9 B	41.8	1,090	259	252	3,370	173	5,920	165	1,010	197
Nickel	100	35 B	10.6 B	12.6 B	1 B	1.2 B	1,670	33.2 B	12.8 B	37 B	18.6 B	1.7 B
Potassium	NS	631 B	911 B	783 B	1,520 B	1,480 B	2,980 B	7,510	26,700	2,200 B	713 B	6,910
Selenium	10	ND	4.4 BJ	ND	4.6 BJ	ND	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	20,000	114,000	32,400	62,800	6,810	6,270	361,000	152,000	144,000	67,900	31,100	10,900
Thallium	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vandium	NS	0.72 B	1.5 B	ND	1.7 B	1.8 B	3.4 B	4.2 B	ND	2.2 B	1 B	2.6 B
Zinc	2,000	6 B	7.6 B	2.6 B	6.6 B	3.5 B	107	29.2	7.3 B	9.7 B	4.7 B	8.3 B
Other (ppb)												
MBAS	500	ND	ND	ND	190 J	190 J	ND	200 J	310 J	51 J	ND	ND

Notes:

ND: Compound not detected.

(1): MW-17A is a Duplicate of MW-17.

NS: No Standard.

NA: Not Analyzed.

Organic Data Qualifiers:

J: Estimated Value.

D: Analyte detected in analysis at secondary dilution factor.

Inorganic Data Qualifiers:

J or B: Value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N: Spike sample recovery not within quality control limits.

*: Correlation coefficient for the Method of Standard Addition is less than 0.995.

1,200

Analyte detected at concentration in excess of NYSDEC Class GA Groundwater Standard.

4.0 SUMMARY AND CONCLUSIONS

This section summarizes the results of the SRI, presents conclusions supported by the data and recommendations for additional work, which may be required to fill data gaps.

4.1 SUBSURFACE SOIL INVESTIGATION

The results obtained for subsurface soil investigation activities conducted during the SRI indicated the following:

- The Site and offsite areas, which are located immediately to the east and west, are underlain by several unconsolidated geologic units of varying composition and thickness. Generally, between 0 and 4 feet of mixed fill (gravel, silt, and/or mixed debris) is located across the majority of the Site and offsite areas. This fill unit appears to have been placed in various areas as a means either to build up areas of the Site; provide base material for onsite parking areas and roadways; provide base materials for the adjacent railroad tracks; or as hard fill in offsite areas. The fill layer is underlain by a natural silt and clay unit, which ranges in thickness from 0 to 8 feet. A sand and mixed sand and silt unit underlies the silt and clay unit and ranges in thickness from approximately 2 feet to over 10 feet. In the central portion of the investigation area, this unit typically consists of mixed silt and sand layers, which are highly variable in thickness and interbedded at times. On the perimeter of the investigation area, this unit typically consists mainly of sand; however, interbedded silt layers are still present, but are less frequent. Finally, a clay and mixed silt and clay unit is present at depths of between 9 feet and 14 feet below grade. This unit was present in borings located from the western side of the Site (MW-117) up to the eastern area of the Site (MW-119). However, this unit was not encountered during the SRI in borings located along the far eastern side of the Site (MW-116 and MW-120) and it also was not present in offsite borings MW-121, MW-122, and MW-123. Soil boring data indicate that this unit is relatively flat in the area located between soil borings MW-117 and MW-118, but that further to the east, the unit begins to dip to the east until it is no longer intersected by soil borings installed during the SRI.

Dipping of the unit may be a function of and related to topographic variations, which are present along the adjacent eastern railroad track embankment. Previous investigation data indicate that this unit is present to the east of the Site at depths, which were below those of the soil borings installed during the SRI. Previous investigation data also suggests that this unit may act as a vertical barrier/confining layer.

- Field screening indicated that a 10 foot-thick layer of petroleum-impacted soils (4 feet to 14 feet below grade) was encountered in soil boring MW-117. Soils in this boring exhibited petroleum odors and black staining and PID readings ranged from 26 ppm to 138 ppm. On 17 October 2005, Delta conducted a Limited Site Investigation (LSI) in the area surrounding boring MW-117 in an effort to define the horizontal and vertical extent of petroleum-impacted soils encountered in the boring. Findings of the LSI indicated that petroleum-impacted soils were observed across a limited area of the Site in the area near MW-117 where a former 3,000-gallon UST had reportedly been located (Attachment 4). Soil analytical data indicated that concentrations of VOCs and SVOCs detected in these impacted soils were below applicable NYSDEC TAGM 4046 recommended soil cleanup objectives and did not represent an issue at the Site. The LSI report (dated 29 November 2005) was submitted to NYSDEC with a request to close Spill No. 0504324. Final closure from NYSDEC is pending at this time.
- Slightly elevated PID readings (up to 9.5 ppm) were encountered in soil borings MW-118, MW-119 and MW-121 at depths near the water table interface, which indicate the potential presence of impacts in soils in these areas. Petroleum impacts were not observed in these borings; therefore, it can be assumed that these PID readings are related to the presence on non-petroleum based VOCs in soils in these areas.
- VOCs were detected in all soil samples, with the exception of soil sample MW-115A. Concentrations of all VOCs detected were below NYSDEC TAGM 4046 recommended soil cleanup objectives. Of the VOCs detected in soils, CVOCs, including vinyl chloride, 1,1-DCE, 1,1-DCA, cis-1,2-DCE, 1,1,1-TCA, TCE, and PCE, were the predominant analytes detected in all soil samples, with the exception of soil sample MW-117A where petroleum-based VOCs were

predominant. Concentrations of CVOCs detected in soils were the highest in soil samples MW-114A, MW-116A, MW-116B, MW-117B, MW-118A, MW-119A, MW-123A, MW-123B and SBA-11. Plots of CVOC concentrations with respect to soil borings location are illustrated on Figures 4-1 and 4-2.

- CVOCs were not detected in offsite soil boring SB-12.
- A review of the soil analytical data indicated that in the majority of onsite soil samples parent/source compounds (TCE, PCE, and 1,1,1-TCA), which are commonly associated with the manufacturing activities that were previously reported to have occurred at the Site, were detected at ratios that were greater than those of typically detected daughter/degradation compounds (vinyl chloride, 1,1-DCE, 1,1-DCA, and cis-1,2-DCE). The highest ratios of parent-to-daughter compounds were detected in samples collected from soil borings that were located near the northeast corner of the building, along the northern wall of the building, along the railroad spur line, and near the northern fence line. Based on these data, it appears that CVOCs in the majority of soils onsite consist of parent compounds and that source areas likely remain at the Site.
- The analytical data also indicated, that in soil samples collected from borings located to the east of the building along the railroad tracks and on offsite properties, the ratio of parent to daughter compounds was equal (1:1) and/or such that daughter compounds were more prevalent. Based on these data, it would appear that some degradation of CVOCs is occurring in impacted soils that are located downgradient to the east of the building and offsite.
- A review of CVOC distribution patterns in soils across the Site and offsite areas indicated that distribution of CVOCs in soil samples is variable with depth and location. Distribution of CVOCs onsite appeared to be widespread, with concentrations generally higher in onsite soils than those observed in offsite soils. The observed distribution patterns may be related to past operational history at the Site and/or influenced by the variable nature of geologic units beneath the Site. Additionally, the distribution of CVOCs in soils located within the shallow water bearing zone appears to be influenced by, and mirror groundwater flow conditions onsite and offsite, such that CVOC concentrations in saturated soil zones tend to be higher in areas downgradient of CVOC "hot spots".

Figure 4-1 - Soil Analytical Data Comparison (CVOCs) Plot 1

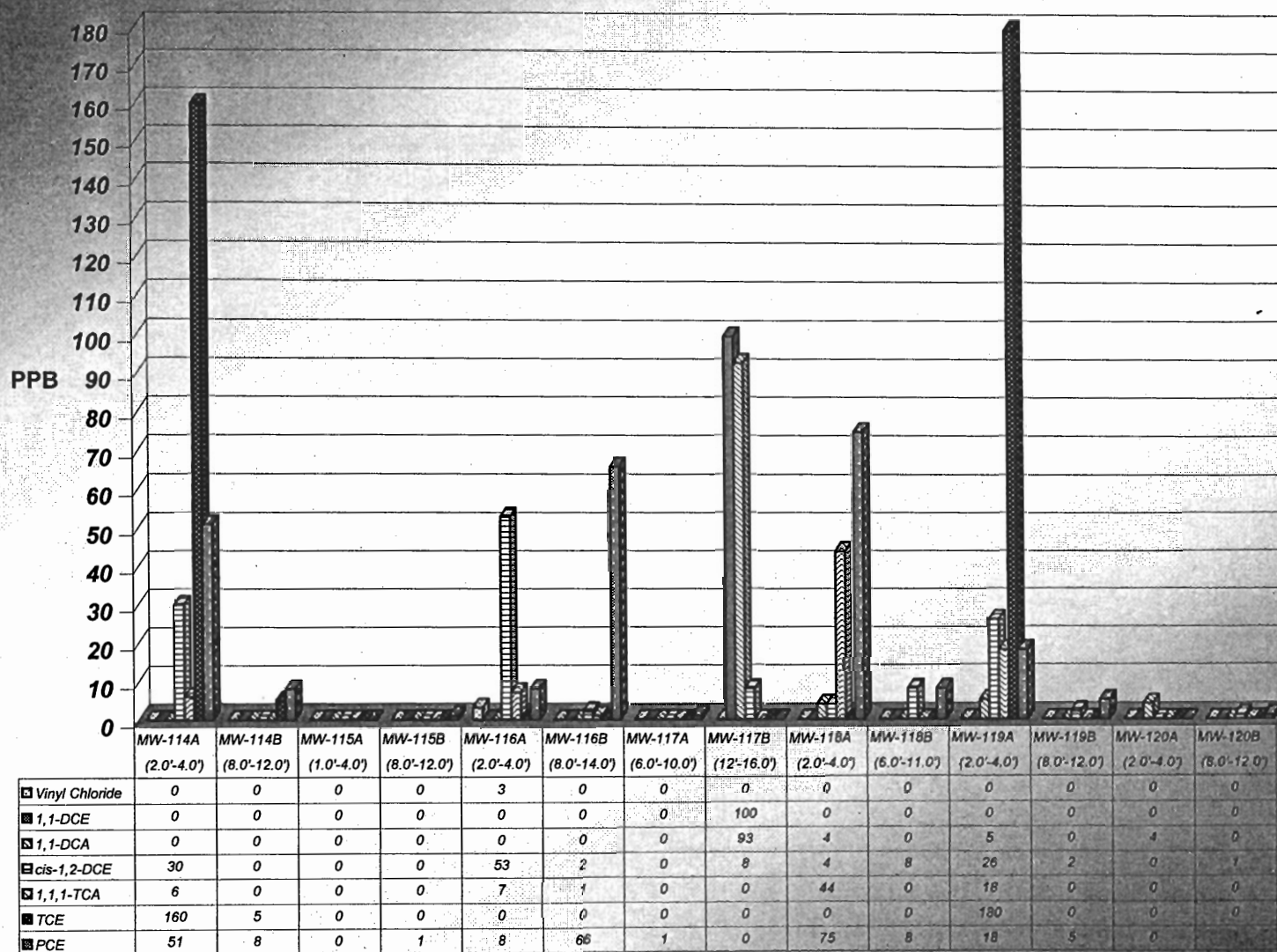
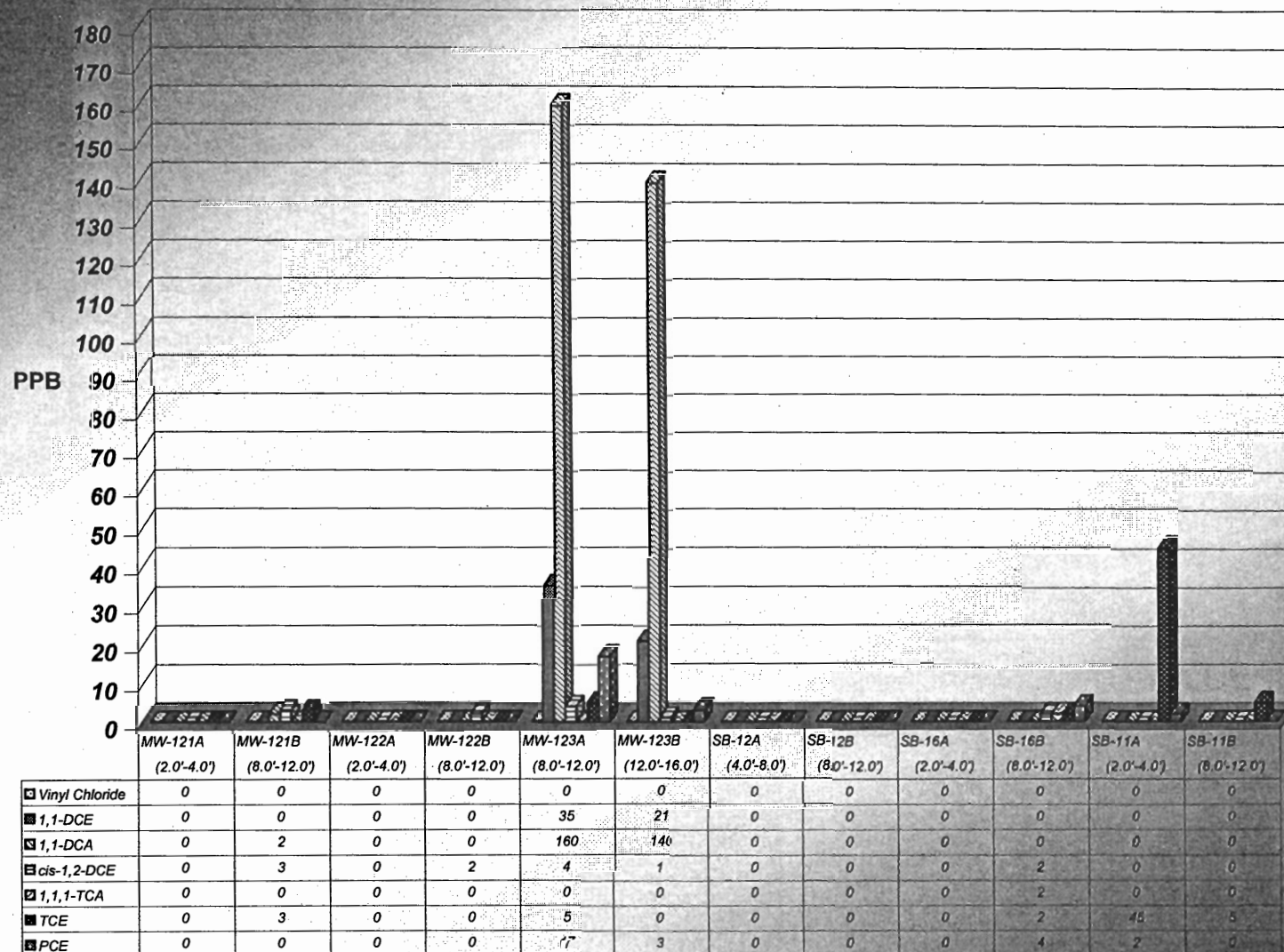


Figure 4-2 - Soil Analytical Data Comparison (CVOCs) Plot 2



- The soil analytical data also indicated that elevated concentrations of CVOCs were present in soils that were located near the northeast corner of the building, near the northwest corner of the building, along the eastern side of the Site near the railroad spur, near the northern fence line, and on an offsite property located to the east of the Site. A comparison with these data and results of the 2003 passive soil gas survey showed good correlation with respect to areas of elevated CVOCs that have been detected onsite. Together these data suggest the presence of a source area near the northeast corner of the building and near the northern fence line.
- Soil analytical data collected during the SRI indicate the nature and extent of VOC-impacted soils onsite and offsite have not been delineated and that the location of any source area(s) or hot-spot(s) have also not been delineated.
- Historic investigation results and results of the SRI suggest that a source area may be located near the northern end of the building and that source materials in this area may be contributing to VOC impacts detected in groundwater samples collected from wells in this portion of the Site.

4.2 *HYDROGEOLOGIC INVESTIGATION*

The results obtained for hydrogeologic investigation activities conducted during the SRI indicated the following:

- Groundwater generally occurs at shallow depths in the unconfined sand and mixed silt and sand units underlying the Site. The greatest depth to groundwater at the Site tended to be along the eastern side of the Site in monitoring wells MW-114, MW-116, MW-120, and along the railroad embankment in monitoring wells MW-121, and MW-122. The greater depths to groundwater in this area appear to reflect topographic conditions along the eastern side of the Site where a steep embankment is located and where depth to groundwater appears to increase as a function of the sloping ground surface.
- Groundwater flow conditions in the shallow water table aquifer were generally similar during October 2005 and January 2006. A review of groundwater flow

maps indicated that groundwater flow across the northern yard area was to the northeast; however, as the eastern property line and railroad tracks are approached groundwater flow direction deflected and became more easterly. This variation in groundwater flow direction appears to be related and influenced by the presence of the steep embankment located on the eastern side of the adjacent railroad tracks. Groundwater flow near the northeast corner of the building was to the east to southeast and also appeared to be influenced and reflective of sloping topography along the adjacent railroad tracks and embankment. Groundwater flow across the Site is at gradients of approximately 0.032 feet/foot to 0.085 feet/foot.

- VOCs were detected in all groundwater samples collected during the October 2005 sampling event and in all groundwater samples, with the exception of samples MW-117 and MW-123, collected during the January 2006 sampling event at concentrations in excess of NYSDEC Class GA groundwater standards.
- During the October 2005 sampling event, CVOCs (vinyl chloride, 1,1-DCE, 1,1-DCE, cis-1,2-DCE, 1,1,1-TCA, TCE and PCE) were the predominant analytes detected in all groundwater samples, with the exception of MW-117. In groundwater sample MW-117, petroleum-based analytes, including ethylbenzene, xylenes, and isopropylbenzene, were the predominant VOCs detected. During the January 2006 sampling event, CVOCs were the predominant analytes detected in all groundwater samples.
- During the October 2005 sampling event, concentrations of CVOCs detected in groundwater samples were the highest in samples MW-116, MW-118, MW-122, and MW-123. During the January 2006 sampling event, concentrations of CVOCs detected in groundwater samples were the highest in samples MW-116, MW-118, and MW-122. Plots of CVOC concentrations in groundwater with respect to monitoring well locations are illustrated on Figures 4-3 and 4-4 for the October 2005 and January 2006 sampling events, respectively.
- A review of the October 2005 groundwater analytical data from groundwater samples collected from five upgradient and mid-gradient wells (MW-114, MW-115, MW-116, MW-118 and MW-119) and one downgradient well (MW-123), indicated that parent/source compounds (TCE, PCE, and 1,1,1-TCA),

Figure 4-3 - Round 1 Groundwater Sample Data - 18 October 2005

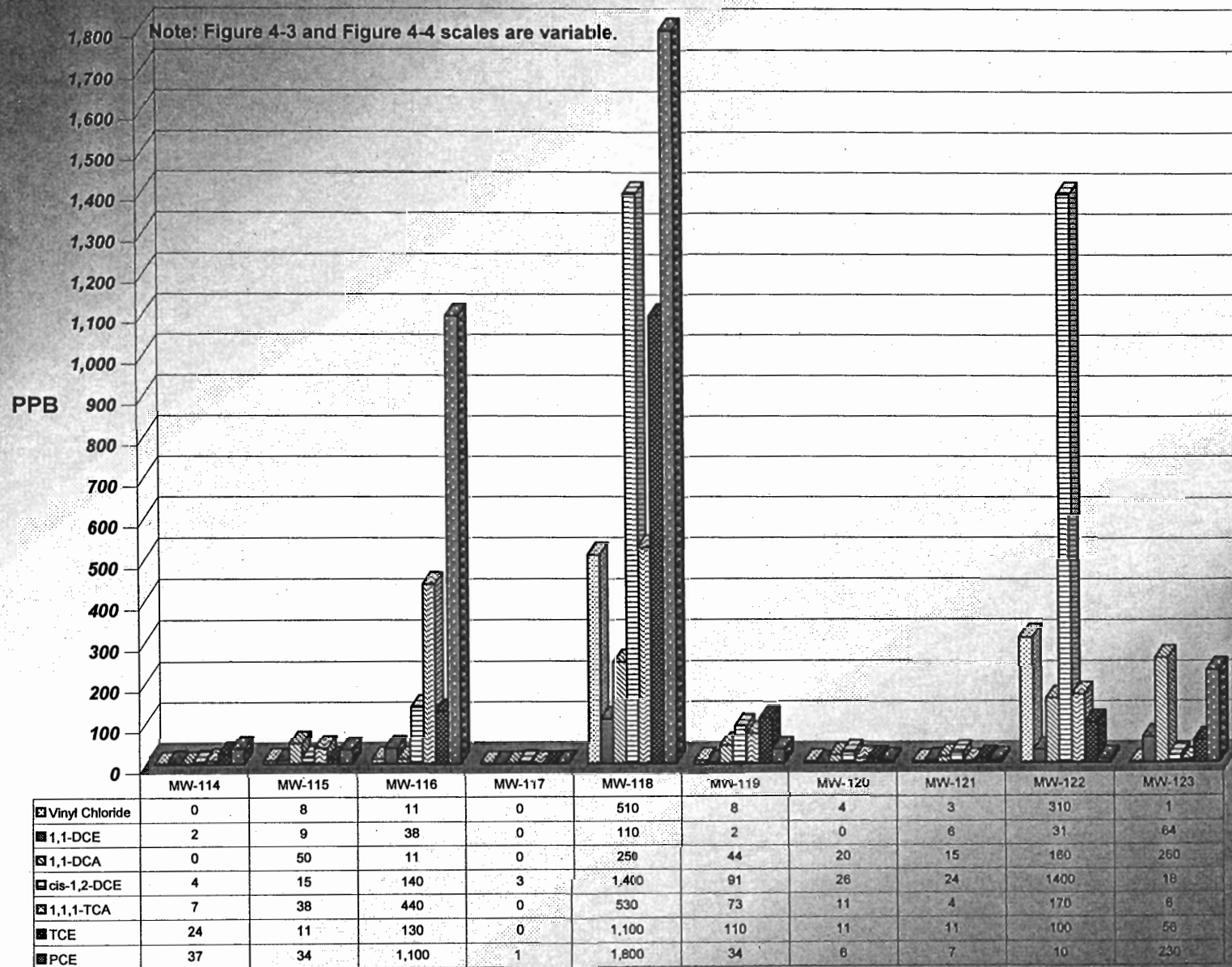
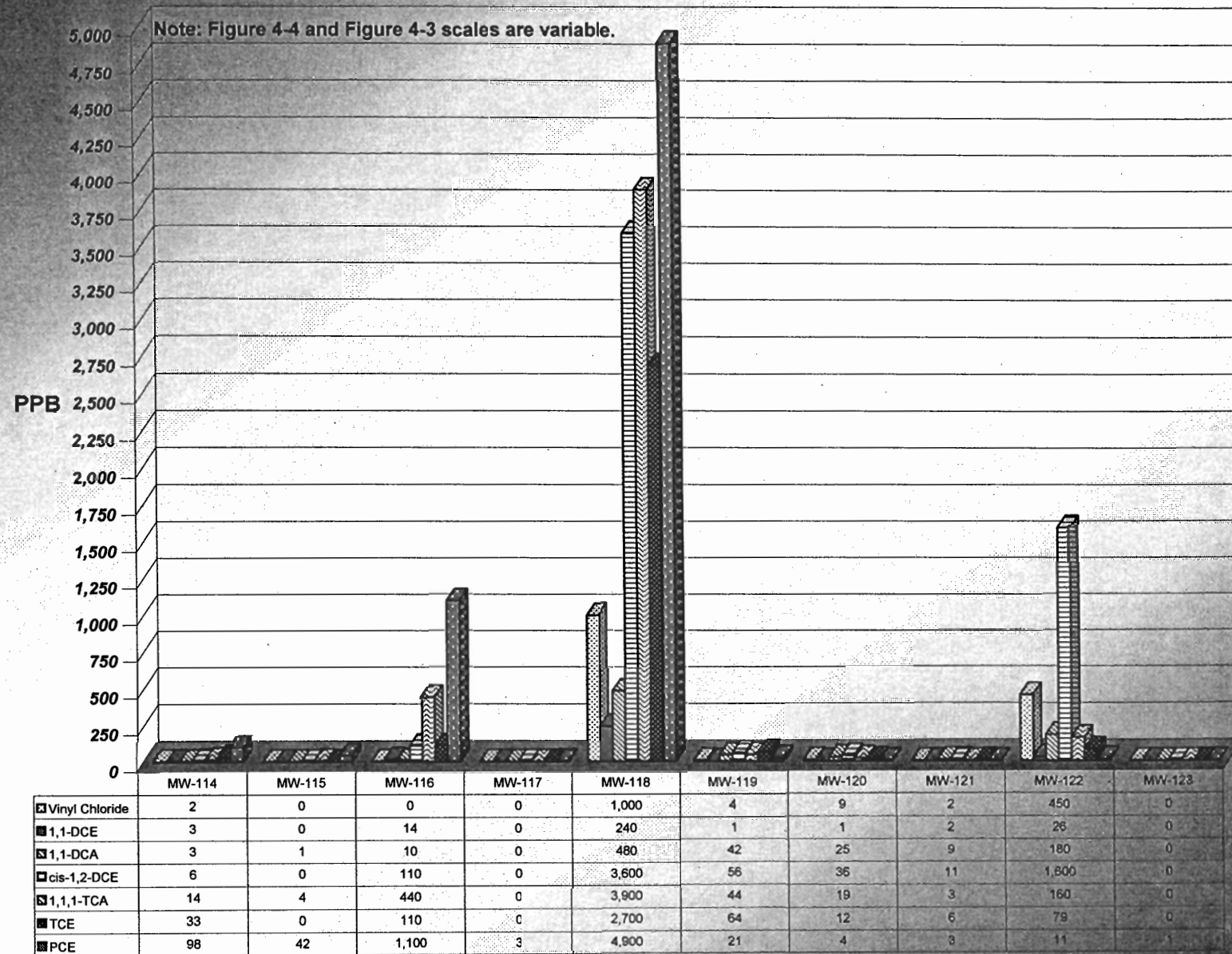
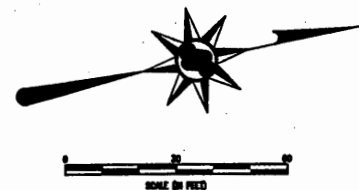


Figure 4-4 - Round 2 Groundwater Sample Data - 11 January 2006

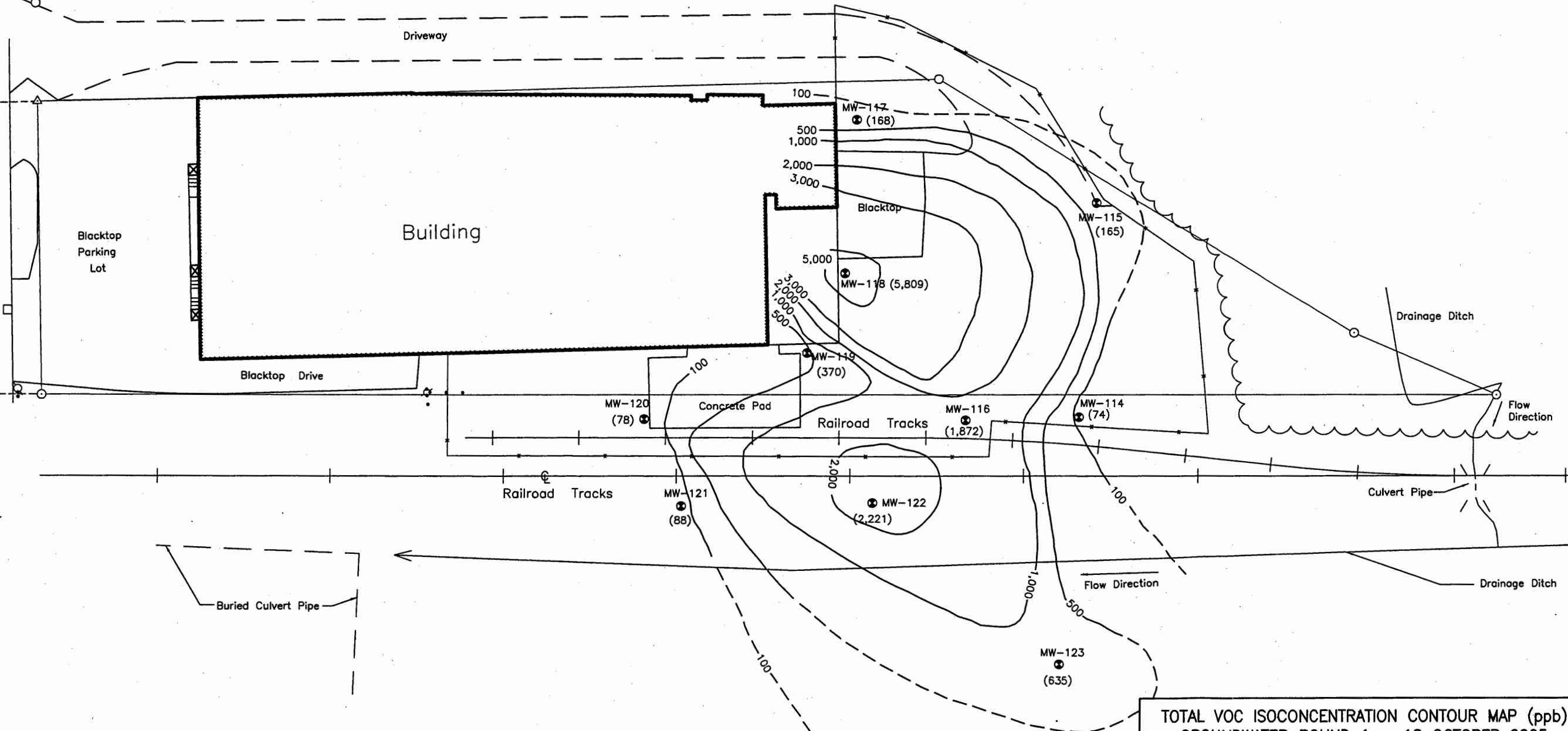


which are commonly associated with the manufacturing activities that were previously reported to have occurred at the Site, were detected at ratios that were greater than those of typically detected daughter degradation compounds (vinyl chloride, 1,1-DCE, 1,1-DCA, and cis-1,2-DCE). The highest ratios of parent-to-daughter compounds were detected in samples collected from wells that were located near the northeast corner of the building, along the northern wall of the building, along the railroad spur line, and offsite to the east of the drainage ditch. Based on these data, it appears that source areas remain onsite.

- A review of the January 2006 groundwater analytical data from groundwater samples collected from six upgradient and mid-gradient wells (MW-114 through MW-119) and one downgradient well (MW-123), indicated that parent/source compounds (TCE, PCE, and 1,1,1-TCA) were detected at ratios that were greater than those of typically detected daughter/degradation compounds (vinyl chloride, 1,1-DCE, 1,1-DCA, and cis-1,2-DCE). The highest ratios of parent-to-daughter compounds were detected in samples collected from wells that were located near the northeast corner of the building, along the northern wall of the building, and along the railroad spur line. Based on these data, it appears that source areas remain onsite.
- The groundwater analytical data for both sampling events also indicated, that in samples collected from downgradient wells (MW-120, MW-121, and MW-122), which are located along the east side of the Site and along the railroad tracks, that the ratio of parent-to-daughter compounds was equal (1:1) and/or such that daughter compounds were more prevalent. Based on these data, it would appear that some degradation of CVOCs is occurring in groundwater as it flows to the east and offsite.
- A review of the total VOC isoconcentration contour maps (Figures 4-5 and 4-6) indicated that the highest concentrations of total VOCs (16,876 ppb in January 2006 and 5,809 ppm in October 2005) were present in samples collected from monitoring well MW-118. Elevated concentrations of total VOCs were also detected in groundwater samples collected from wells MW-116, MW-119, MW-122, and MW-123 (during October 2005), which are located downgradient of well MW-118. Overall, the maps also indicate the distribution of VOCs in



GATES AVENUE



LEGEND

- MW-120 (165) MONITORING WELL LOCATION
- 1,000 ISOCONCENTRATION CONTOUR LINE (ppb)
- ESTIMATED ISOCONCENTRATION CONTOUR LINE

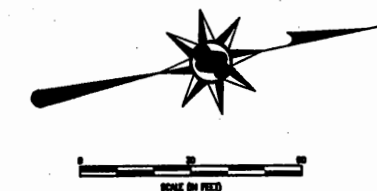
NOTE: VARIABLE CONTOUR INTERVAL

TOTAL VOC ISOCONCENTRATION CONTOUR MAP (ppb)
GROUNDWATER ROUND 1 - 18 OCTOBER 2005

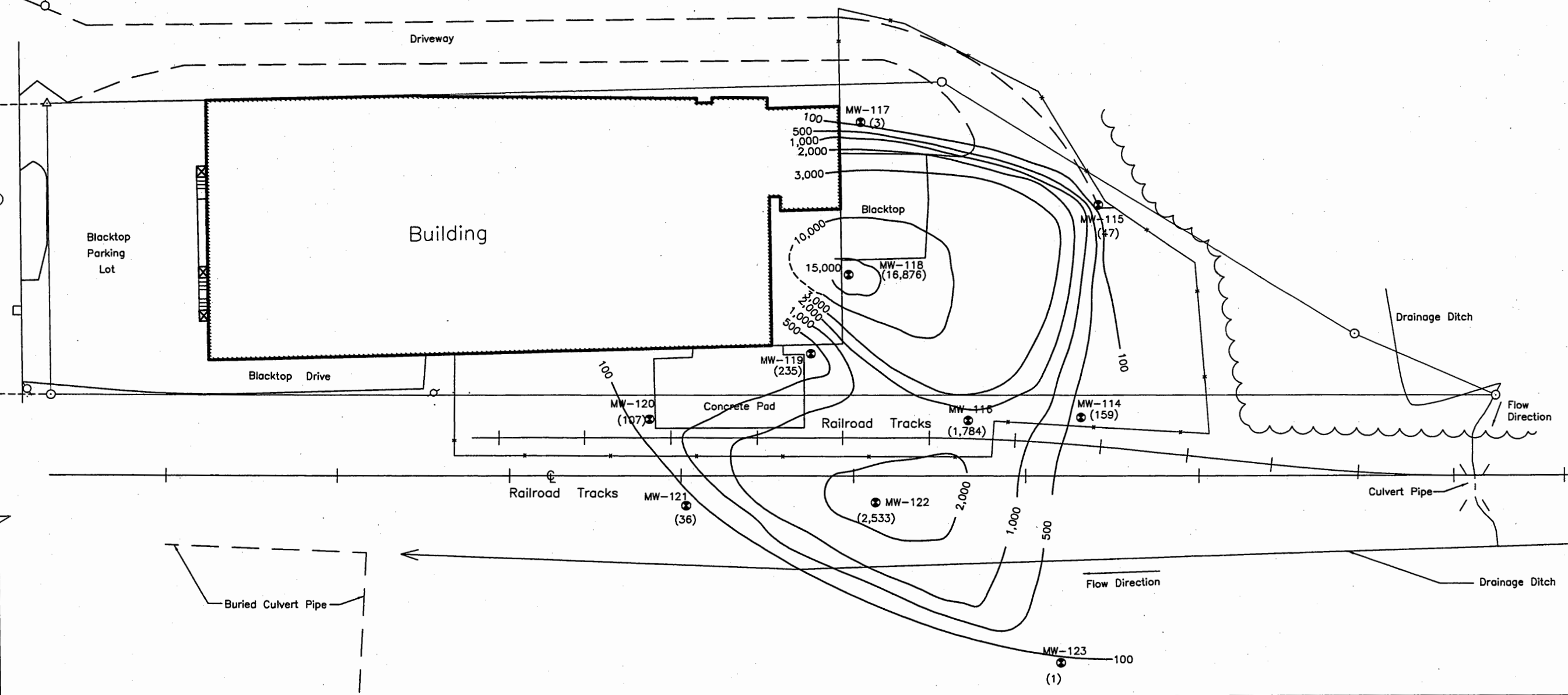
61 GATES AVE.
GENEVA, NY

PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY
DATE 03/20/06	REVIEWED BY	FILE NAME 4-5





GATES AVENUE



LEGEND

- MW-120 ● MONITORING WELL LOCATION
- (165) TOTAL VOC CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

NOTE: VARIABLE CONTOUR INTERVAL

TOTAL VOC ISOCONCENTRATION CONTOUR MAP (ppb)
GROUNDWATER ROUND 2 - 11 JANUARY 2006

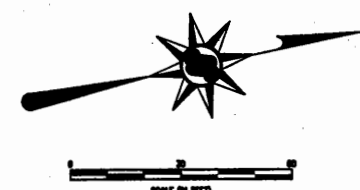
61 GATES AVE.
GENEVA, NY

PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY
DATE 03/15/06	REVIEWED BY	FILE NAME 4-6

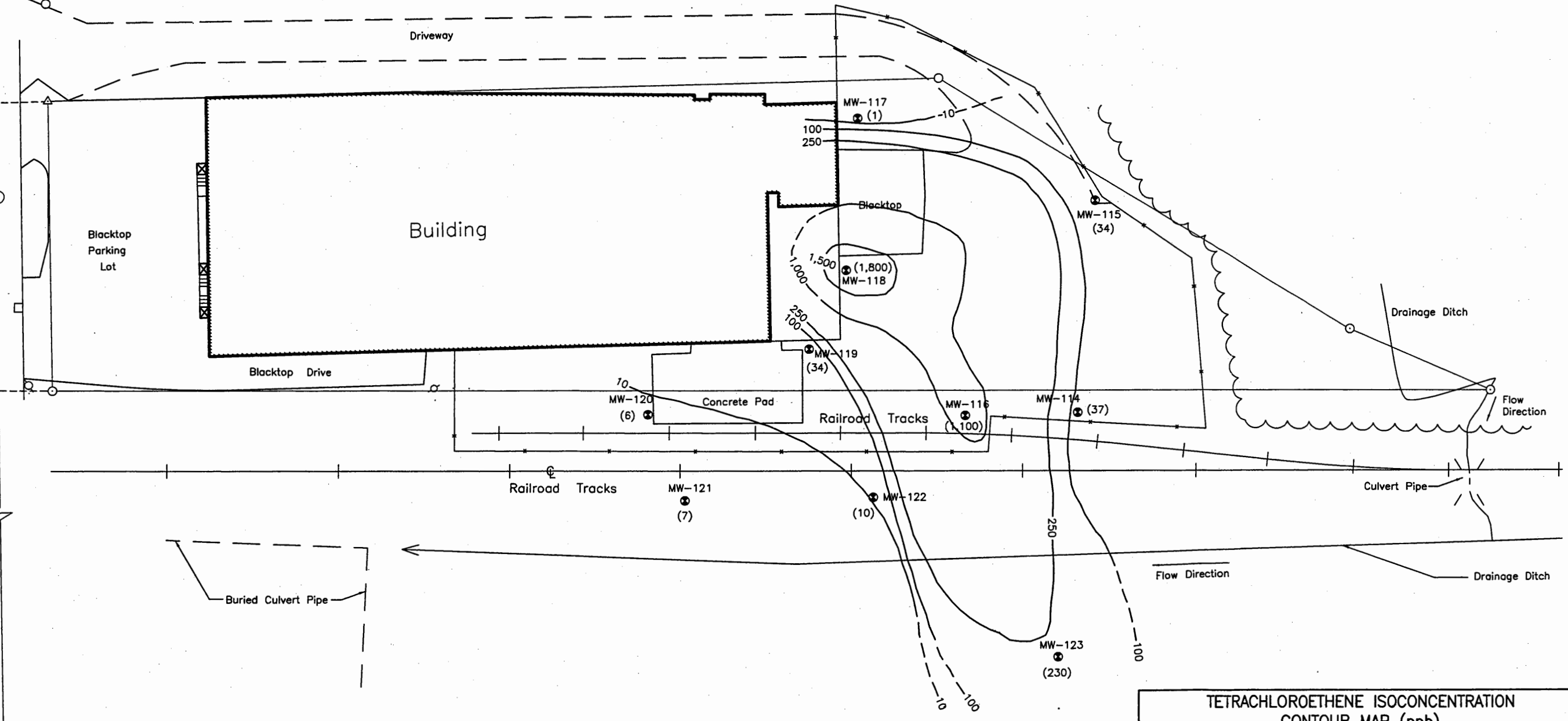


groundwater was similar during both sampling events; VOCs are migrating to the east; the extent of VOCs onsite and offsite is not defined; and the eastern drainage ditch is not acting as a barrier to contaminant migration.

- A review of the PCE isoconcentration contour maps (Figures 4-7 and 4-8) indicated that the highest concentrations of PCE were present in samples collected from monitoring well MW-118. Elevated concentrations of PCE were also detected in groundwater samples collected from wells MW-116 and MW-123 (during October 2005), which are located downgradient of well MW-118. Overall, the maps also indicate the distribution of TCE in groundwater was similar during both sampling events; elevated concentrations of PCE are narrowly constrained in the center of an easterly migrating PCE plume; the extent of the plume onsite and offsite is not defined; and the eastern drainage ditch is not acting as a barrier to contaminant migration.
- A review of the TCE isoconcentration contour maps (Figures 4-9 and 4-10) indicated that the highest concentrations of TCE were present in samples collected from monitoring well MW-118. Elevated concentrations of TCE were also detected in groundwater samples collected from wells MW-116, MW-119, and MW-122, which are located downgradient of well MW-118. Overall, the maps also indicate the distribution of TCE in groundwater was similar during both sampling events; elevated concentrations of TCE are narrowly constrained in the center of an easterly migrating TCE plume; the extent of the plume onsite and offsite is not defined; and the eastern drainage ditch is not acting as a barrier to contaminant migration.
- A review of the 1,1,1-TCA isoconcentration contour maps (Figures 4-11 and 4-12) indicated that the highest concentrations of 1,1,1-TCA were present in samples collected from monitoring well MW-118. Elevated concentrations of 1,1,1-TCA were also detected in groundwater samples collected from wells MW-116, MW-119, and MW-122, which are located downgradient of well MW-118. Overall, the maps also indicate distribution of 1,1,1-TCA in groundwater was similar during both sampling events; elevated concentrations of 1,1,1-TCA are narrowly constrained in the center of an easterly migrating 1,1,1-TCA



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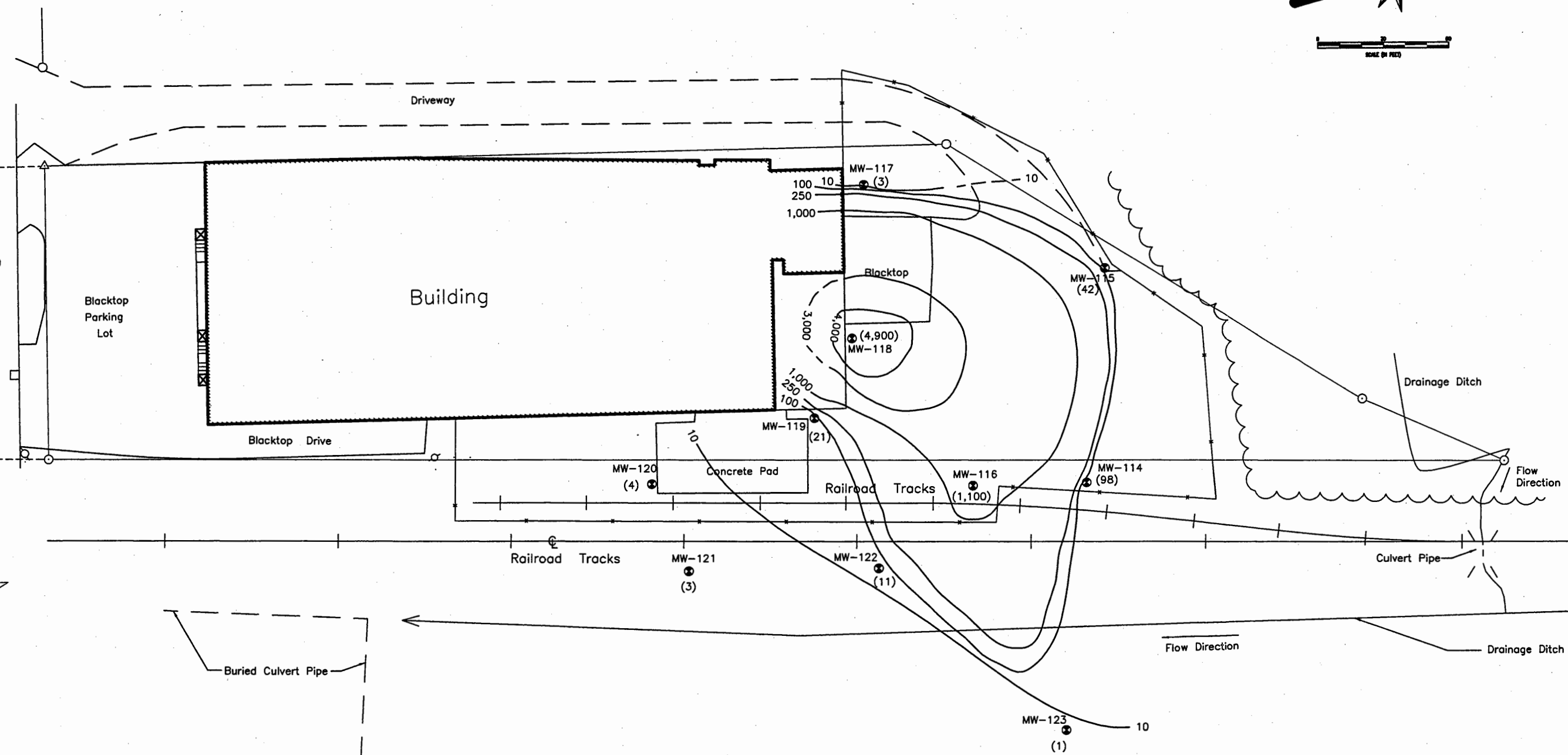
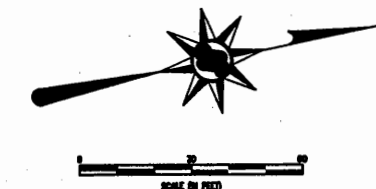
LEGEND

- MW-120 ● MONITORING WELL LOCATION
- (10) TETRACHLOROETHENE CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

NOTE: VARIABLE CONTOUR INTERVAL

TETRACHLOROETHENE ISOCONCENTRATION CONTOUR MAP (ppb) GROUNDWATER ROUND 1 – 18 OCTOBER 2005 61 GATES AVE. GENEVA, NY			
PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY	
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GATES AVENUE



LEGEND

- MW-120 ● MONITORING WELL LOCATION
- (10) TETRACHLOROETHENE CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

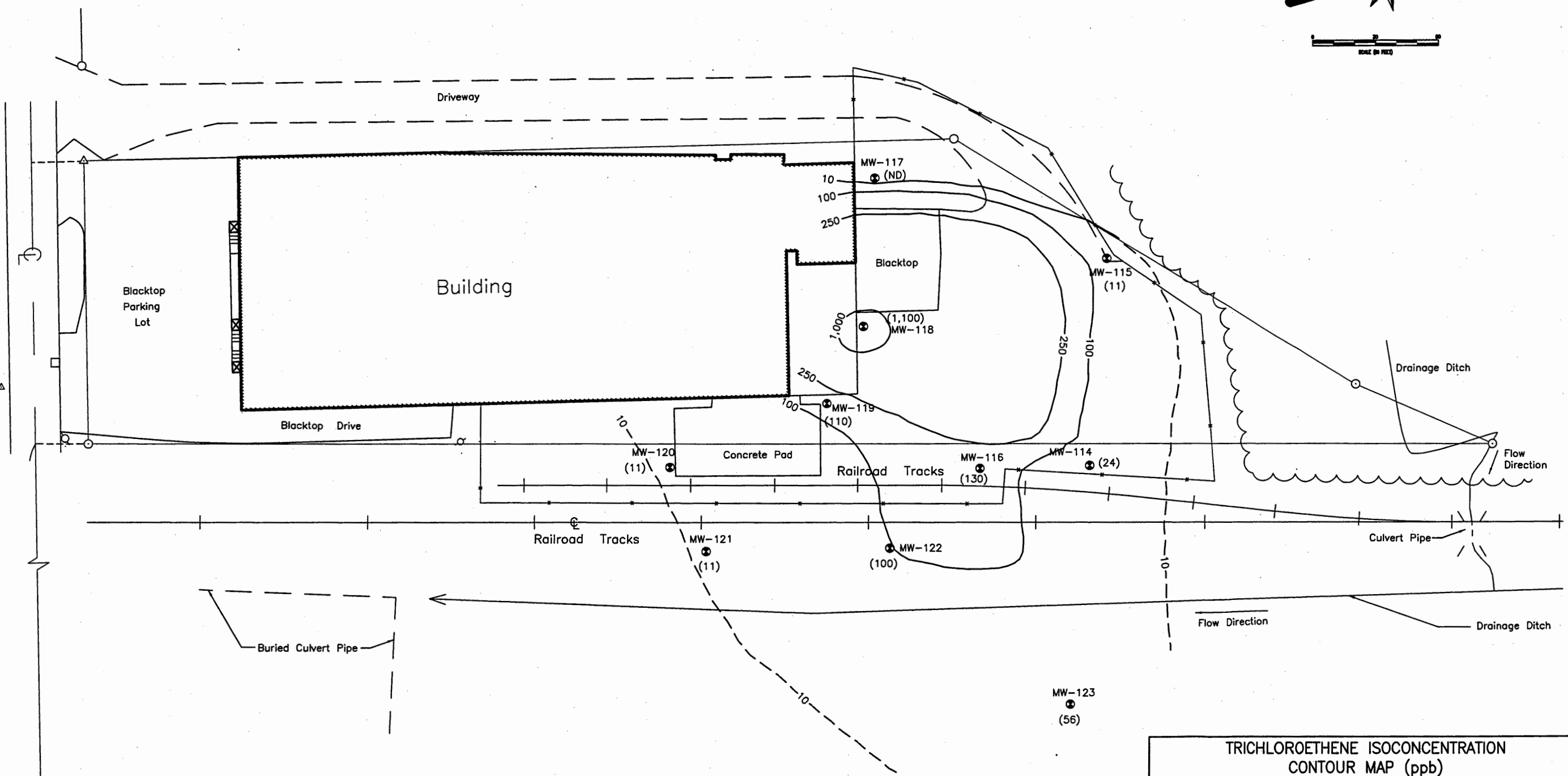
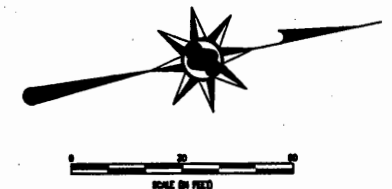
NOTE: VARIABLE CONTOUR INTERVAL

TETRACHLOROETHENE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 2 - 11 JANUARY 2006
61 GATES AVE.
GENEVA, NY

PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY
DATE 03/15/06	REVIEWED BY	FILE NAME 4-8



GATES AVENUE



LEGEND

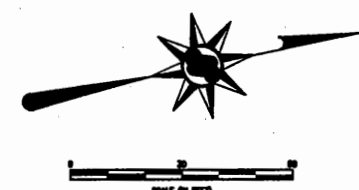
- MW-120 ● MONITORING WELL LOCATION
- (10) TRICHLOROETHENE CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

NOTE: VARIABLE CONTOUR INTERVAL

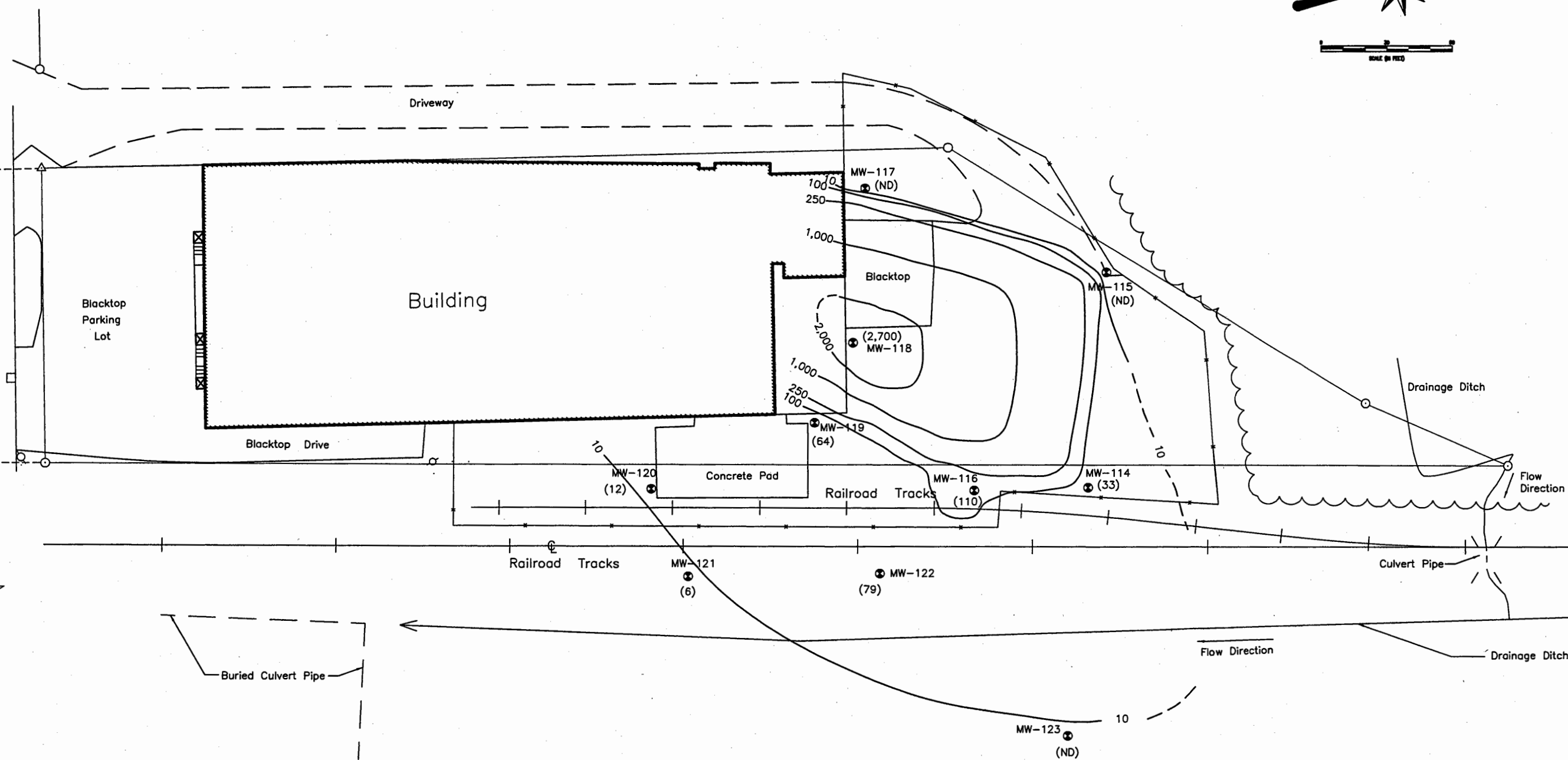
TRICHLOROETHENE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 1 - 18 OCTOBER 2005
61 GATES AVE.
GENEVA, NY

PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY
DATE 03/15/06	REVIEWED BY	FILE NAME 4-9





GATES AVENUE




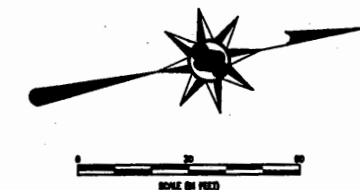
LEGEND

- MW-120 ● MONITORING WELL LOCATION
- (10) TRICHLOROETHENE CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

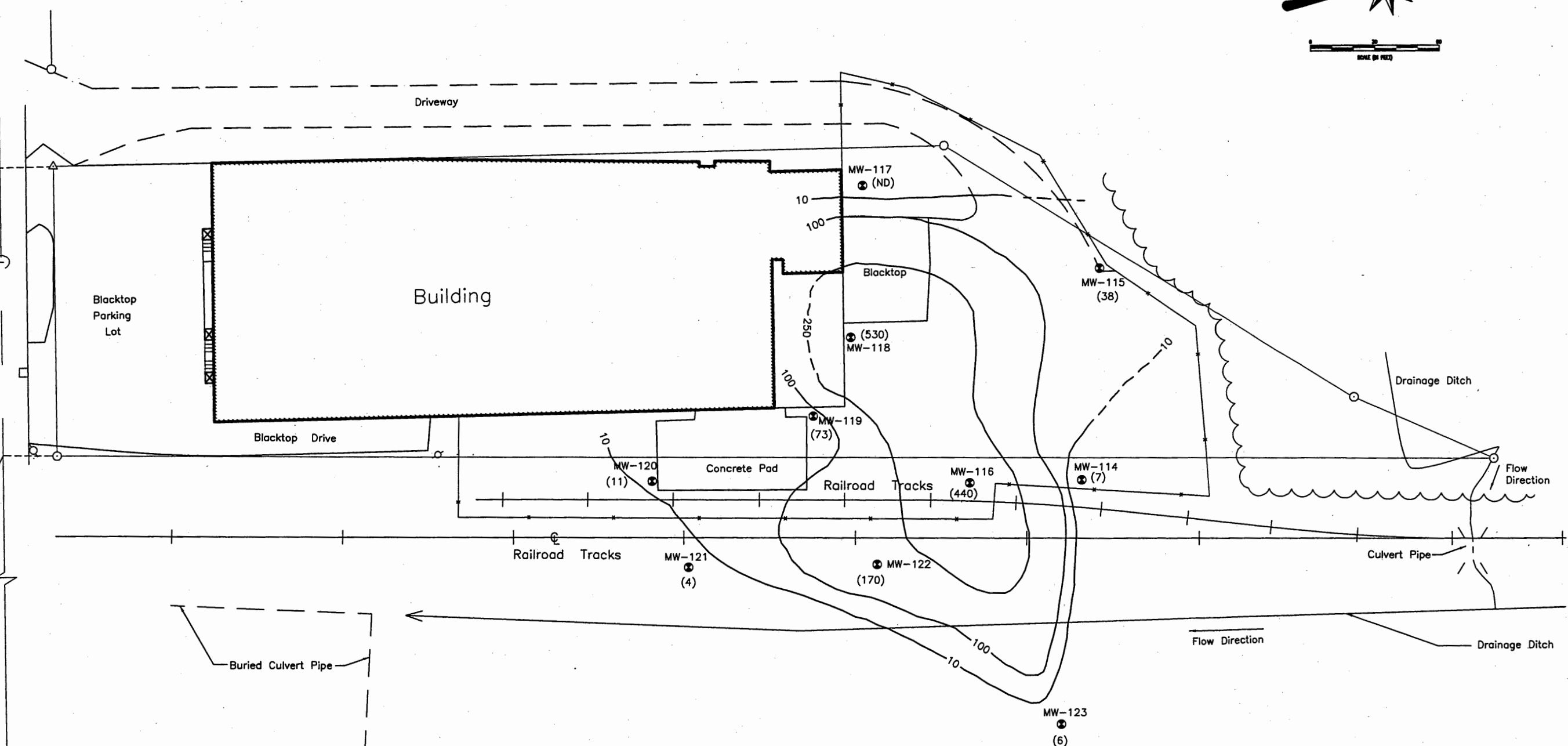
NOTE: VARIABLE CONTOUR INTERVAL

TRICHLOROETHENE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 2 - 11 JANUARY 2006
61 GATES AVE.
GENEVA, NY

PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY	
DATE 03/15/06	REVIEWED BY	FILE NAME 4-10	



GATES AVENUE



LEGEND

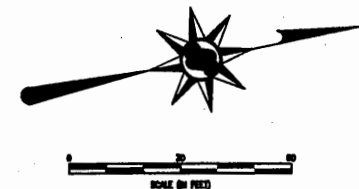
- MW-120 ● MONITORING WELL LOCATION
- (10) 1,1,1-TRICHLOROETHANE CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

NOTE: VARIABLE CONTOUR INTERVAL

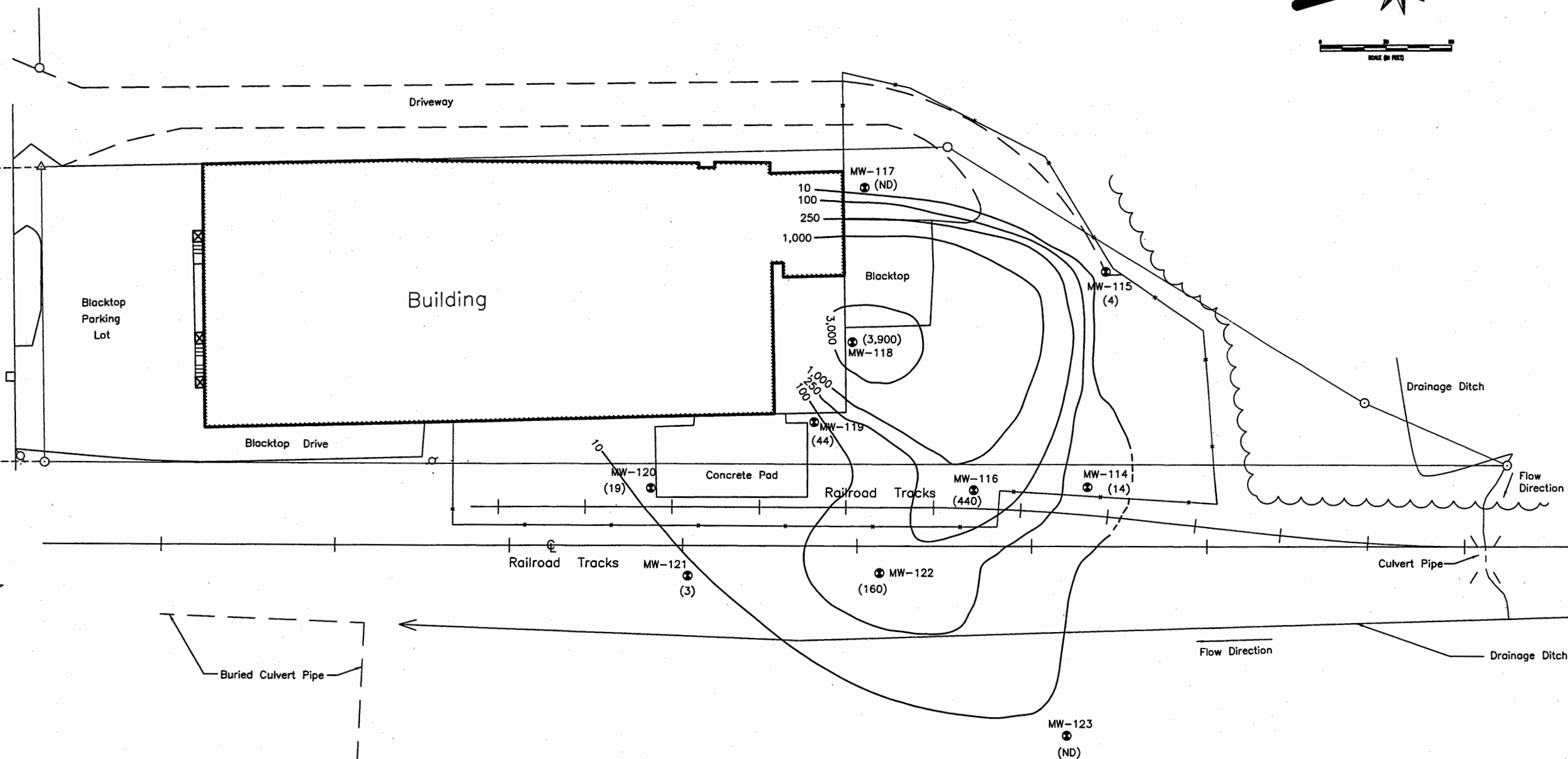
1,1,1-TRICHLOROETHANE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 1 - 18 OCTOBER 2005
61 GATES AVE.
GENEVA, NY

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LEGEND

- MW-120 ● MONITORING WELL LOCATION
- (10) 1,1,1-TRICHLOROETHANE CONCENTRATIONS IN GROUNDWATER (ppb).
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- ESTIMATED ISOCONCENTRATION CONTOUR LINE

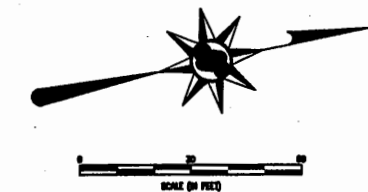
NOTE: VARIABLE CONTOUR INTERVAL

1,1,1-TRICHLOROETHANE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 2 - 11 JANUARY 2006
61 GATES AVE.
GENEVA, NY

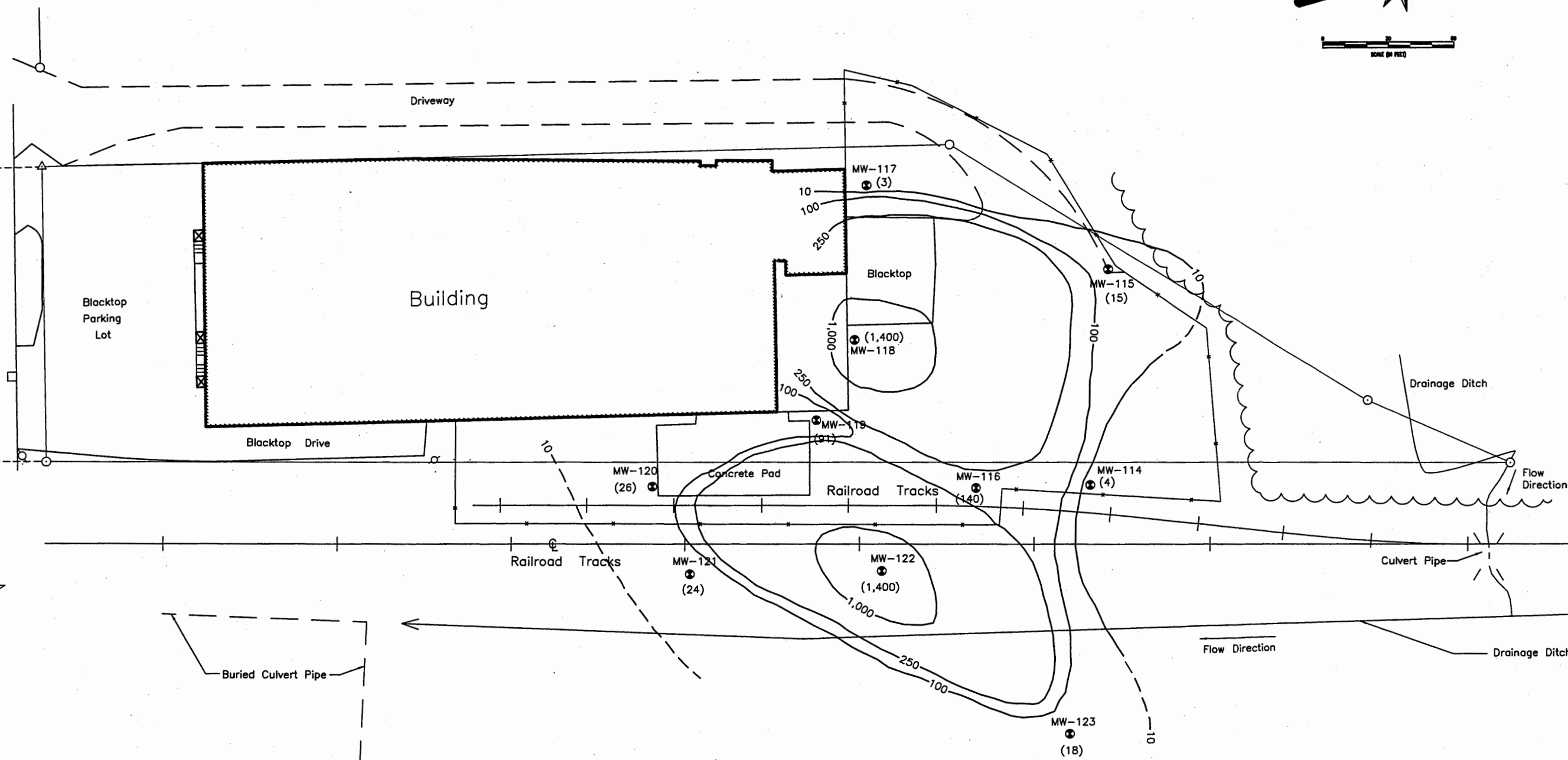
PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY	
DATE 03/15/06	REVIEWED BY	FILE NAME 4-12	

plume; the extent of the plume onsite and offsite is not defined; and the eastern drainage ditch is not acting as a barrier to contaminant migration.

- A review of the cis-1,2-DCE isoconcentration contour maps (Figures 4-13 and 4-14) indicated that the highest concentrations of cis-1,2-DCE were present in samples collected from monitoring well MW-118. Elevated concentrations of cis-1,2-DCE were also detected in groundwater samples collected from wells MW-116 and MW-122, which are located downgradient of well MW-118. Overall, the maps also indicate the distribution of cis-1,2-DCE in groundwater was similar during both sampling events; elevated concentrations of cis-1,2-DCE are present at the center of two separate wide lobes of impacted groundwater that are migrating to the east; the extent of the plume onsite and offsite is not defined; and the eastern drainage ditch is not acting as a barrier to contaminant migration.
- A review of the 1,1-DCA isoconcentration contour maps (Figures 4-15 and 4-16) indicated that the highest concentrations of 1,1-DCA were present in samples collected from monitoring well MW-118. Elevated concentrations of 1,1-DCA were also detected in groundwater samples collected from wells MW-122 and MW-123 (October 2005), which are located downgradient of well MW-118. Overall, the maps also indicate the distribution of 1,1-DCA in groundwater was similar during both sampling events; elevated concentrations of 1,1-DCA are present at the center of two separate lobes of impacted groundwater that are migrating to the east; the extent of the plume onsite and offsite is not defined; and the eastern drainage ditch is not acting as a barrier to contaminant migration.
- A review of the vinyl chloride isoconcentration contour maps (Figures 4-17 and 4-18) indicated that the highest concentrations of vinyl chloride were present in samples collected from monitoring well MW-118. Elevated concentrations of vinyl chloride were also detected in groundwater samples collected from well MW-122, which is located downgradient of well MW-118. Overall, the maps also indicate the distribution of vinyl chloride in groundwater was similar during both sampling events; the elevated concentrations of vinyl chloride are present at the center of two, separate lobes of impacted groundwater that are migrating to the east; the extent of the plume onsite and offsite is not defined; and the eastern



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LEGEND

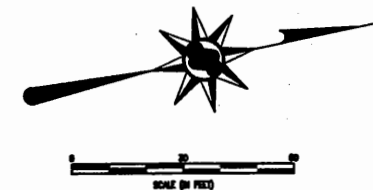
- MW-120 ● MONITORING WELL LOCATION
- (10) CIS-1,2-DICHLOROETHENE CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

NOTE: VARIABLE CONTOUR INTERVAL

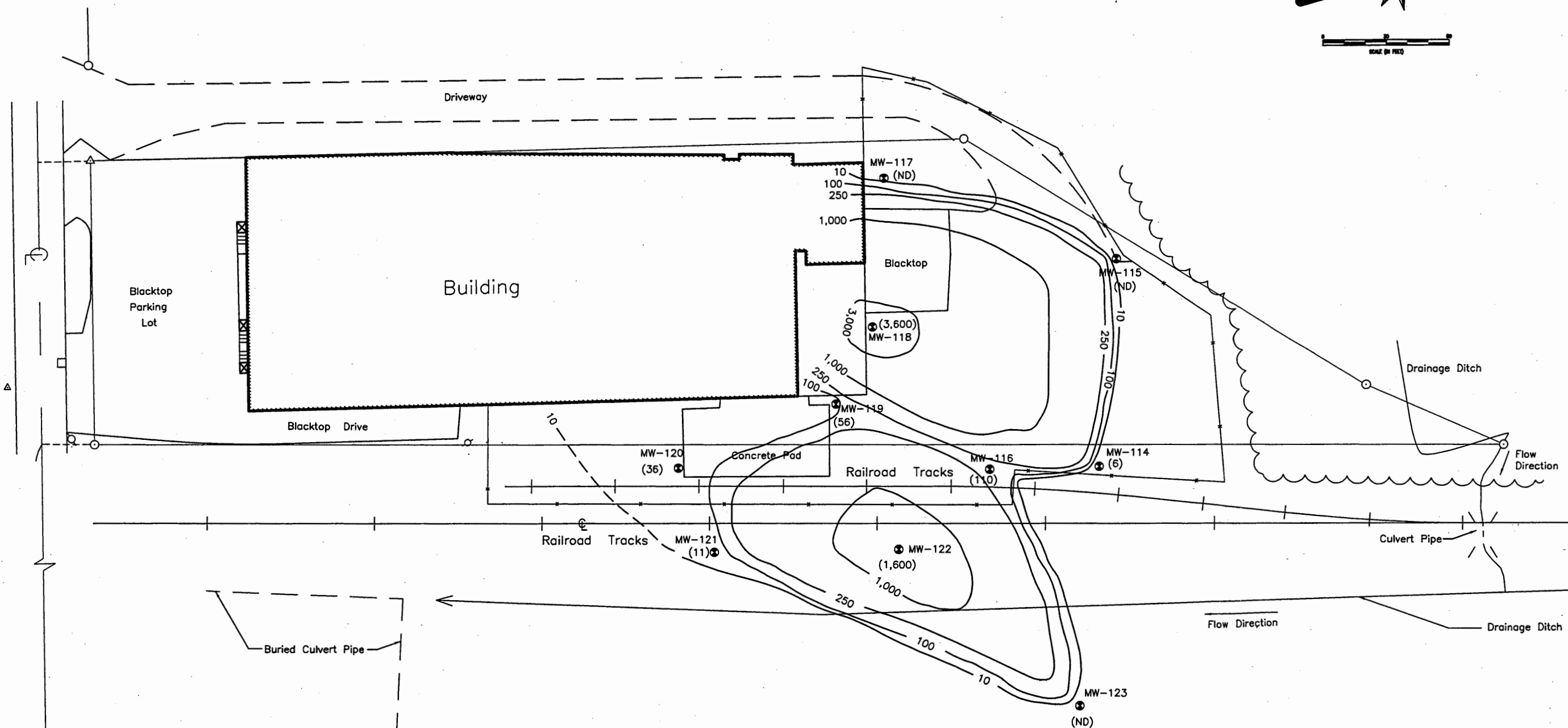
CIS-1,2-DICHLOROETHENE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 1 - 18 OCTOBER 2005
61 GATES AVE.
GENEVA, NY

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LEGEND

- MW-120 ● MONITORING WELL LOCATION
- (10) CIS-1,2-DICHLOROETHENE CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

NOTE: VARIABLE CONTOUR INTERVAL

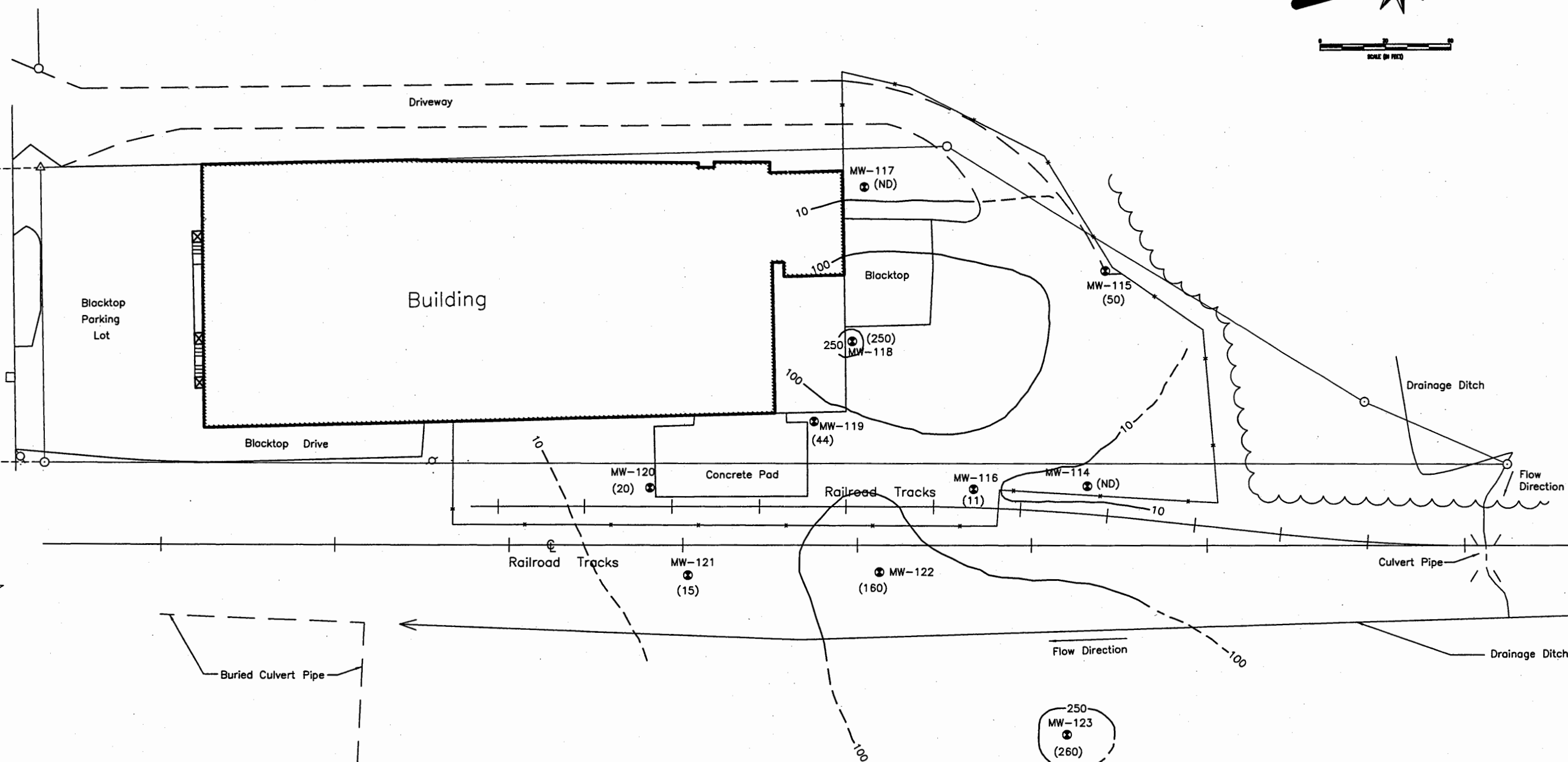
CIS-1,2-DICHLOROETHENE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 2 - 11 JANUARY 2006
61 GATES AVE.
GENEVA, NY

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LEGEND

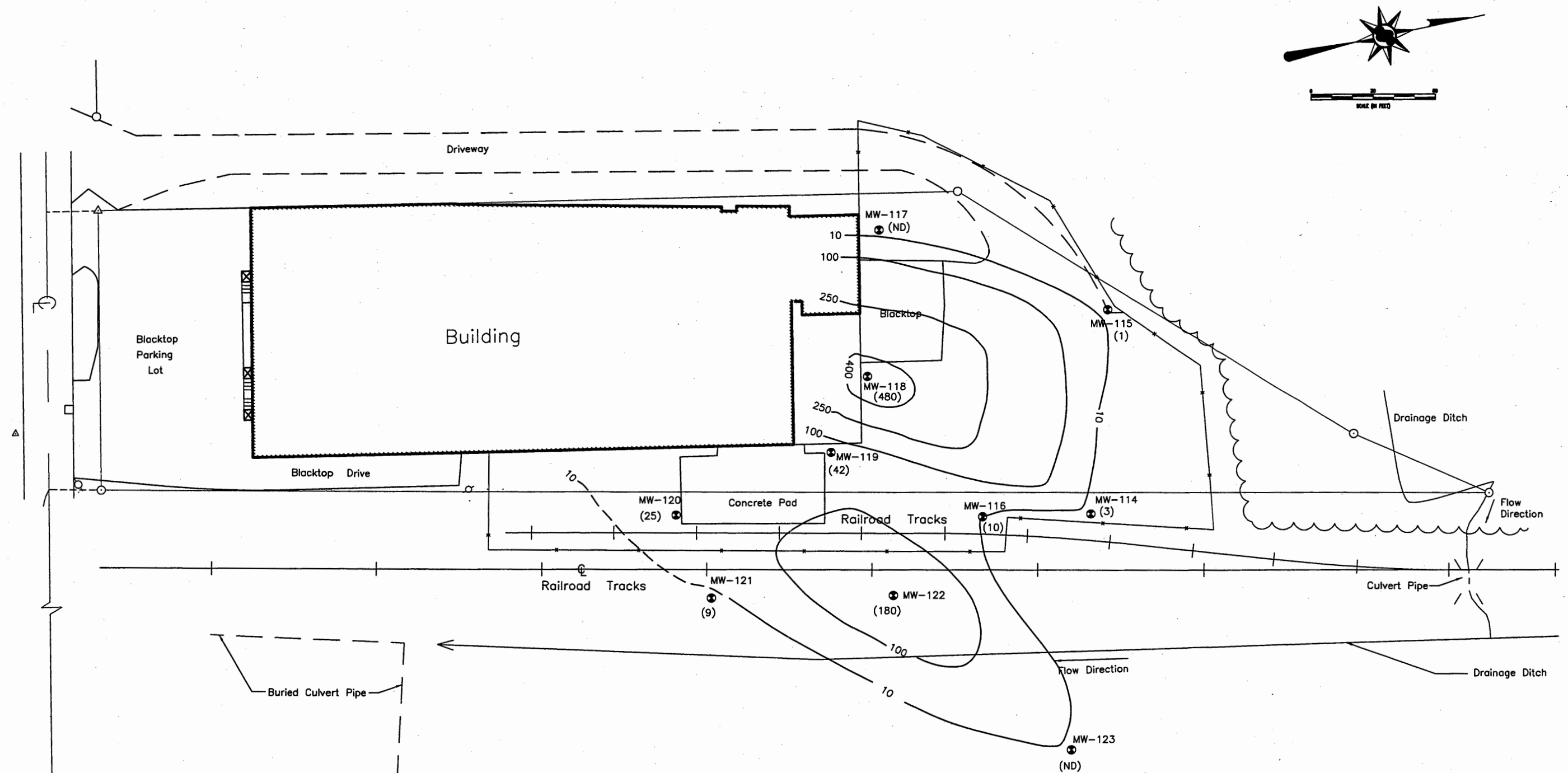
- MW-120 ● MONITORING WELL LOCATION
(10) 1,1-DICHLOROETHANE CONCENTRATIONS IN GROUNDWATER (ppb)
1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

NOTE: VARIABLE CONTOUR INTERVAL

1,1-DICHLOROETHANE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 1 - 18 OCTOBER 2005
61 GATES AVE.
GENEVA, NY

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GATES AVENUE




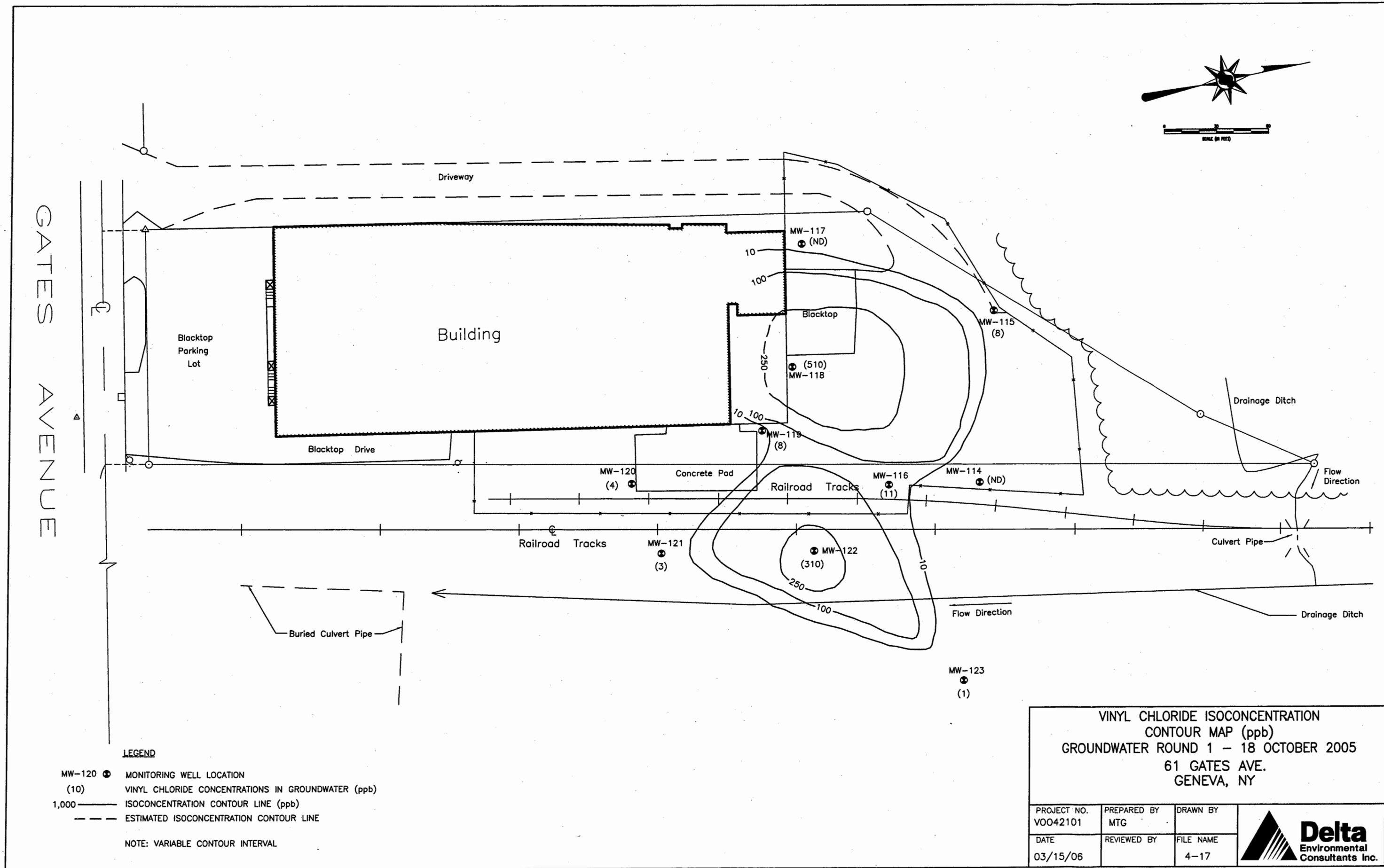
LEGEND

- MW-120 ● MONITORING WELL LOCATION
- (10) 1,1-DICHLOROETHANE CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- ESTIMATED ISOCONCENTRATION CONTOUR LINE.

NOTE: VARIABLE CONTOUR INTERVAL

1,1-DICHLOROETHANE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 2 - 11 JANUARY 2006
61 GATES AVE.
GENEVA, NY

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LEGEND

- MW-120 ● MONITORING WELL LOCATION
 (10) VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER (ppb)
 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
 - - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

NOTE: VARIABLE CONTOUR INTERVAL

VINYL CHLORIDE ISOCONCENTRATION
 CONTOUR MAP (ppb)
 GROUNDWATER ROUND 1 - 18 OCTOBER 2005
 61 GATES AVE.
 GENEVA, NY

PROJECT NO.
VOO42101

PREPARED BY
MTG

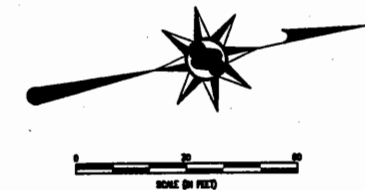
DRAWN BY

DATE
03/15/06

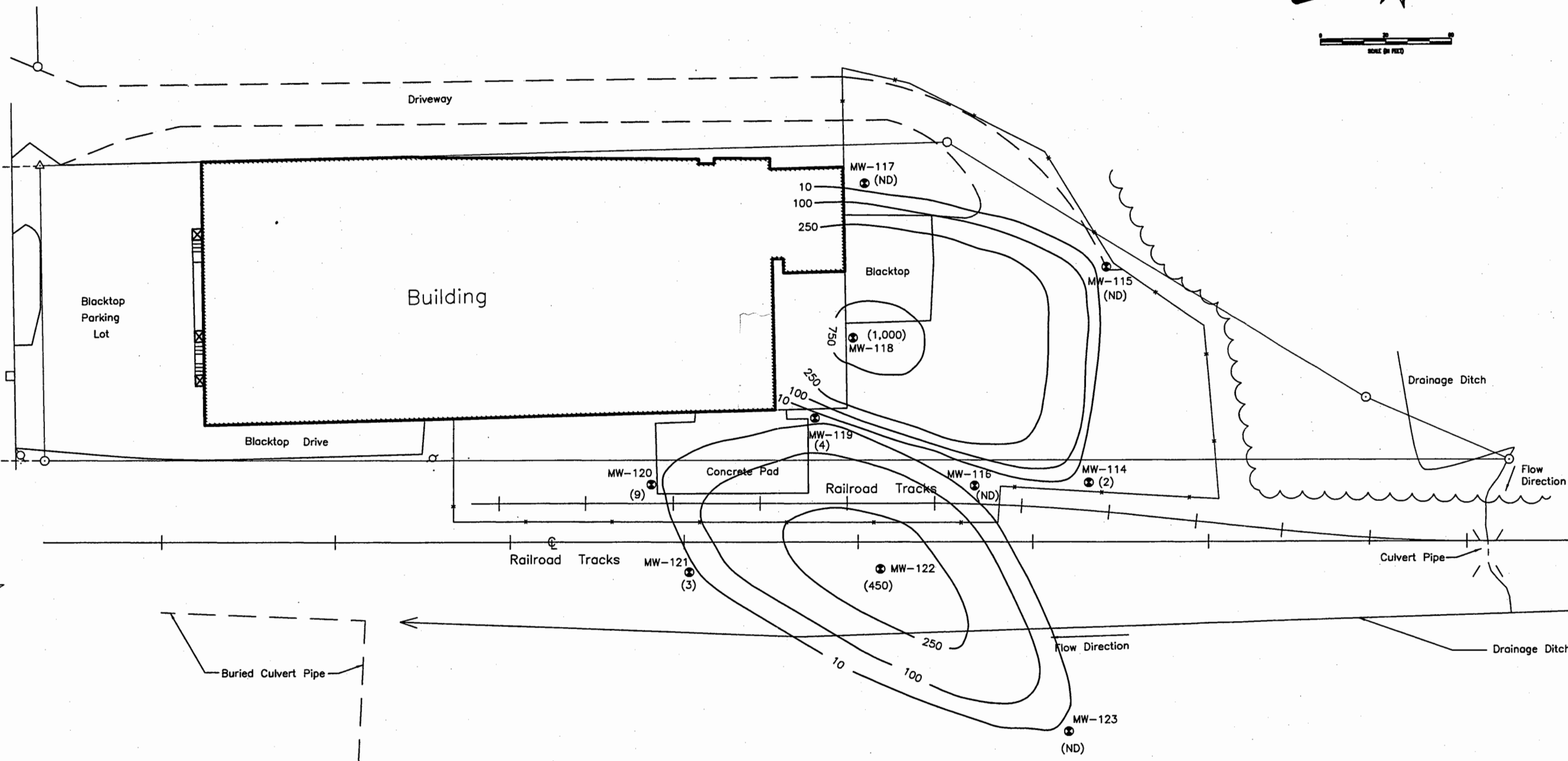
REVIEWED BY

FILE NAME
4-17





GATES AVENUE



LEGEND

- MW-120 ● MONITORING WELL LOCATION
- (10) VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER (ppb)
- 1,000 ——— ISOCONCENTRATION CONTOUR LINE (ppb)
- - - - - ESTIMATED ISOCONCENTRATION CONTOUR LINE

NOTE: VARIABLE CONTOUR INTERVAL

VINYL CHLORIDE ISOCONCENTRATION
CONTOUR MAP (ppb)
GROUNDWATER ROUND 2 – 11 JANUARY 2006
61 GATES AVE.
GENEVA, NY

PROJECT NO. VOO42101	PREPARED BY MTG	DRAWN BY
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drainage ditch is not acting as a barrier to contaminant migration.

- Isoconcentration contour maps indicated that the highest concentrations of VOCs, and specifically parent CVOCs (PCE, TCE and 1,1,1-TCA), were located in groundwater samples collected from monitoring well MW-118. The maps also indicated the plume(s) of parent compounds are singular in nature; the areas of highest concentrations within the plume(s) are typically narrow in extent onsite and widen somewhat as they move offsite; the distribution of all parent compounds in groundwater is similar in extent; the plume(s) are migrating to the east and have migrated beyond the eastern Site boundary; the extent of the plume(s) onsite and offsite is not defined; and the eastern drainage ditch is not acting as a complete barrier to contaminant migration. Distribution patterns shown on the maps also indicate a source area is likely present in the area located near the northeast corner of the building; and there does not appear to be an upgradient contribution of VOCs migrating to the Site from impacted properties located to the west of the Site.
- Isoconcentration contour maps of daughter CVOCs (cis-1,2-DCE, 1,1-DCA, and vinyl chloride) indicated that the highest concentrations of these compounds were located in monitoring well MW-118. Generally, distribution patterns for these compounds in groundwater indicated the compounds are distributed in plumes that have two lobes, which are divided from each other by lower concentration gradients. While the plumes mirror the plumes of parent compounds, the lateral extent for these daughter compounds is wider than that observed for parent compound plumes; the plumes are migrating to the east and have migrated beyond the eastern Site boundary; the extent of the plume onsite and offsite is not defined; and the eastern drainage ditch is not acting as a barrier to contaminant migration. The maps for these daughter compounds also indicate there does not appear to be any significant impacts to groundwater migrating from offsite, upgradient properties located to the west of the Site.
- Groundwater flow maps indicated that groundwater flow is generally to the east across the Site. When compared with isoconcentration contour maps of VOCs, the distribution patterns show that it is evident that VOCs are migrating to the east across the Site and to offsite properties along the mapped groundwater flow paths.

In particular, it is notable that the highest concentrations of VOCs follows a plume that runs to the east from well MW-118 to MW-119, MW-116, MW-122 and MW-123. Additionally, when compared with the 2003 soil gas survey, a strong correlation is noted between the VOC distribution in soil gas and groundwater and groundwater flow patterns.

- Concentrations of CVOCs detected in groundwater samples during October 2005 and January 2006 do not suggest the presence of DNAPLs in groundwater at the Site. In addition, field observations made during low-flow development, purging, and sampling of wells did not note the presence of any LNAPL or DNAPL layers in the groundwater column. These findings are consistent with findings of the previous site investigation activities conducted by Delta and others.
- During the October 2005 sampling event, three SVOCs were detected in the one sample (MW-117) analyzed for SVOCs; however, concentrations were below NYSDEC Class GA groundwater standards.
- A minimum of one metal was detected in all groundwater samples collected during the October 2005 and January 2006 sampling events at concentrations in excess of NYSDEC Class GA groundwater standards. Generally, in all groundwater samples the analytes that were typically detected at concentrations above groundwater standards were iron, magnesium, manganese, and sodium. However, several heavy metals including; antimony (MW-119 in October 2005), arsenic (MW-117 in October 2005), lead (MW-118 in October 2005) and nickel (MW-118 in October 2005 and January 2006) were detected at concentrations above groundwater standards.
- MBAS were detected in five groundwater samples (MW-115, MW-117, MW-118, MW-119, and MW-120) during the October 2005 sampling event. Of these samples, the concentration of MBAS in sample MW-118 (1,400 ppb) was the only one which was detected in excess of NYSDEC Class GA groundwater standards. During the January 2006 sampling event, MBAS were detected in four groundwater samples (MW-117, MW-119, MW-120, and MW-121) at concentrations that were all below groundwater standards.
- The presence of MBAS in groundwater appeared to be generally clustered in groundwater samples, which were collected from monitoring wells located along

the northeastern corner and northern edge of the building. These wells are all located in the area where in 1992 an interior wastewater sump had been found to be leaking. As a result of the leak, an unknown quantity of untreated wastewater consisting of dilute solutions of acids, bases, and surfactants was released to the underlying soils. The presence of MBAS in groundwater samples in the area near the building and downgradient of the building suggests that a source of surfactants is present in the area of the sump and that the surfactants are migrating downgradient via groundwater flow paths. However, groundwater analytical data indicate that the presence of surfactants in groundwater does not appear to pose a threat to groundwater quality onsite and/or offsite.

4.3 *SURFACE WATER INVESTIGATION*

The results obtained for surface water investigation activities conducted during the SRI indicated the following:

- A north to south trending intermittent drainage ditch is located offsite (east of the Site) at the base of the adjacent railroad track embankment. Observations indicate that the eastern drainage ditch appears to receive the majority of its flow from areas located to the north of the Site, which include the adjacent CCN International property. During the SRI, discharges were observed from a culvert pipe on the adjacent CCN International property. These discharges entered a drainage ditch that flowed to the east and entered a culvert pipe (east to west trending) that was located beneath the railroad tracks. Flow from this culvert pipe was then observed to discharge into the eastern drainage ditch at its head. Once surface waters enter the eastern drainage ditch, flow is to the south along the base of the railroad track embankment. Surface waters remain in the open drainage ditch until channelized into a buried culvert pipe near the south end of the ditch. Reportedly, surface water from the ditch flows into the City of Geneva storm water sewer system. During SRI fieldwork performed in July and October 2005 and January 2006, no surface water flow was observed to be entering the eastern drainage ditch north of the culvert pipe located beneath the railroad tracks. The

main source of flow into the eastern drainage ditch appeared to be coming from the CCN discharge point. The nature and source of the discharge on the adjacent CCN property is uncharacterized.

- A review of groundwater elevation data for wells located to the east (MW-123) and west (MW-121 and MW-122) of the drainage ditch indicate that surface water elevations in the drainage ditch are consistently lower than the water table elevations in these wells, which suggests that some limited groundwater discharge to the ditch may be occurring. Based on groundwater flow conditions in the area, groundwater flow gradients, and the presence of steeply sloping topography, it appears likely that the drainage ditch may receive a small component of recharge from shallow groundwater flow; however, it does not appear that the drainage ditch is fully penetrating into the shallow water table and that this feature acts as a groundwater flow barrier or groundwater divide.
- VOCs were detected in all surface water samples at concentrations below NYSDEC Class D surface water standards or guidance values, with the exception of PCE, which was detected in sample SW-1 at a concentration (4 ppb) that was above the established guidance value of 1 ppb. CVOCs were the predominant analytes detected in surface water samples.
- Concentrations of total VOCs detected in surface water samples were the highest (25 ppb) in the upstream sample (SW-1) and were observed to decrease slightly in downstream samples SW-2 (11 ppb) and SW-3 (15 ppb), respectively. These data suggest that the presence of VOCs in surface waters may be attributable at least in part to upstream discharges, which originate on the CCN International property. Groundwater discharges of VOC-impacted groundwater to the drainage ditch may also contribute to impacts detected in surface waters located within the drainage ditch.

4.4 *SEDIMENT INVESTIGATION*

The results obtained for sediment investigation activities conducted during the SRI indicated the following:

- VOCs were detected in two, downstream sediment samples (SED-2 and SED-3) at concentrations that were significantly below the applicable NYSDEC sediment screening values for the analytes detected.
- Concentrations of total VOCs detected in sediments increased from 0 ppb in the upstream sample (SED-1) to 38 ppb (SED-2) and 51 ppb (SED-3), respectively, in the downstream samples. CVOCs were the predominant analytes detected in sample SED-2. In sample SED-3, CVOCs and non-CVOCs (carbon disulfide, methylene chloride, and 2-Butanone) were evenly distributed in the sample.
- Analytes detected in the sediment samples are similar in nature to those detected in surface waters and groundwater; therefore, it is likely that impacts in sediments are attributable to the Site and/or offsite sources, which provide discharge to the drainage ditch.

4.5 *RECOMMENDATIONS*

Based on findings of the SRI, several additional investigation and sampling activities are recommended to address data gaps:

- While concentrations of VOCs in soils did not exceed NYSDEC TAGM 4046 recommended soil cleanup objectives, the extent of VOC impacts in soils onsite and offsite to the east were not fully determined during the SRI. Available data and historic reports suggest that past operations at the facility, which utilized CVOCs, are the likely source of these materials in soils. However, available data indicates that distribution of these compounds onsite is variable in extent and magnitude. The SRI data indicate that a potential source area is located near the northeast corner of the building. Soil gas data also suggest that potential source areas of lesser magnitude may also be located throughout the northern parking lot. Additionally, analytical data from soil borings installed offsite indicate that VOC impacts are also present in these areas and that the impacts may be related to former Site operations. Therefore, additional soil borings should be installed onsite and offsite to delineate the extent of VOCs in soils and to identify potential

source areas. Installation of soil borings within AST containment areas and/or within the building may be necessary to delineate source areas.

- Groundwater analytical data indicate that a plume of VOC-impacted groundwater is migrating to the east from the northeast corner of the building and that the plume has migrated offsite to downgradient properties. Isoconcentration contour maps indicate the extent of the impacted groundwater plume both onsite and offsite has not been determined during the SRI. The groundwater analytical data also indicate the majority of CVOCs in the plume are parent compounds, which have minimally degraded. Therefore, additional groundwater monitoring wells should be installed onsite and offsite to delineate the extent of VOCs in groundwater. Additional upgradient wells and potentially wells within the building interior should also be considered to verify the nature of upgradient groundwater quality, and to monitor groundwater quality beneath the building, if data suggests a source area is present beneath the building.
- Monitoring wells installed along the eastern side of the Site and on offsite properties to the east are screened across the water table interface. Geologic information obtained during the SRI indicate that the bottom of these wells do not intersect the clay unit, which was observed in wells located in the center and western areas of the Site. Therefore, the potential exists that the eastern wells may not fully penetrate the impacted groundwater zone along the eastern side of the Site. Therefore, additional deep monitoring wells may be required onsite and offsite to evaluate the full vertical extent of groundwater impacts at the Site.
- Groundwater sampling (3 events per year) is recommended to monitor groundwater quality on a seasonal basis for VOCs and MBAS. No additional monitoring for metals is recommended given the nature of metals detected in the groundwater samples and the limited occurrence of RCRA metals in the samples collected.
- Surface water analytical data suggests that an upstream source may be contributing to impacts observed in surface waters along the eastern offsite drainage ditch. Additional surface water sampling should be conducted in the drainage ditch at locations previously sampled and at locations upstream to the

property boundaries of the Site (61 Gates Avenue) in an effort to establish the impacts of offsite sources on surface water quality.

- Installation of stream gauges should be considered in several areas of the ditch to monitor surface water elevations in the ditch. Cross sections of the ditch in these locations should also be established to determine flow volumes in the ditch.
- Sediment analytical data indicate that VOCs are present in sediment samples in the eastern drainage ditch at concentrations below applicable sediment screening criteria. Based on these data, additional sampling is not recommended. However, in an effort to determine if an upstream source area is present, additional sediment samples should be collected from the ditch upstream of SED-1 at locations which are located to the property boundaries of the Site (61 Gates Avenue).
- Evaluation of interim remedial measures, which would address the widespread distribution of CVOCs in soils and groundwater are also recommended.

ATTACHMENT 1

DATA USABILITY SUMMARY REPORT



December 19, 2005

Mr. Mark Schumacher
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104 Jamesville Road
Syracuse, New York 13204

Re: Data Validation Report
HB Fuller VCP Site
Delta Project No. V004210-1

Dear Mr. Schumacher:

The data validation summaries are attached to this letter for HB Fuller VCP Site, data for July 2004 soil and sediment sampling, and October 2005 ground water sampling events. The data for STL Buffalo, Job Nos. A05-7310, A05-7481, and A05-B766 were mostly acceptable with one issue that is identified and discussed in the validation summary. STL data pack A05-B766 contained "not detected" volatile data for one compound that were qualified unusable (R). The individual QA/QC review for volatiles contains the explanation for rejecting the data, based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of common data validation acronyms is attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Delta Environmental Consultants, Inc.

Sincerely,
Alpha Environmental Consultants, Inc.

A handwritten signature in black ink that reads "Donald Anné". The signature is written in a cursive, flowing style.

Donald Anné
Senior Chemist

DCA:dca
attachments

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Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

- U = Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
- R = Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
- N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
- J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.



**Data Usability Summary Report for
STL Buffalo, Job #: A05-7310**

**13 Soil Samples
Collected July 11 and 12, 2005**

**Prepared by: Donald Anné
December 19, 2005**

Data Validation
Environmental Chemistry
Lab and Field Audits
Sampling Plans

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 13 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical methods.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive results for methylene chloride were flagged as "not detected" (U) in the 13 soil samples because the concentrations of methylene chloride in the samples were not significantly greater (more than ten times) than the highest level in the associated blanks.
- The positive results for trichloroethene were flagged as "not detected" (U) in the following samples because the concentrations of trichloroethene in the samples were not significantly greater (more than five times) than the level in the associated holding blank.

MW-116A	MW-116B	MW-117B	MW-118A
MW-118B	MW-118C	MW-119B	MW-120B
- The positive result for toluene was flagged as "not detected" (U) in sample MW-116A because the concentration of toluene in the sample was not significantly greater (more than five times) than the level in the associated holding blank.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.



**QA/QC Review of Volatiles Data
for STL Buffalo, Job #: A05-7310**

**13 Soil Samples
Collected July 11 and 12, 2005**

**Prepared by: Donald Anné
December 19, 2005**

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with RRF and %RSD requirements for ASP met those criteria.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %D for bromoform (25.4%) was above the ASP required maximum (25%), but was less than 40% on 07-20-05 (O6556.RR). The %D for 1,2,4-trichlorobenzene (25.7%) was above the ASP required maximum (25%), but was less than 40% on 07-21-05 (O6579.RR). No action is taken when two or fewer compounds per calibration do not meet ASP criteria, provided that the %Ds are less than 40% and RRF50s are greater than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required. The %D for bromoform (25.4%) was above the allowable maximum (25%) on 07-20-05 (O6556.RR). The %D for 1,2,4-trichlorobenzene (25.7%) was above the allowable maximum (25%) on 07-21-05 (O6579.RR). Positive results for these two compounds should be considered estimates (J) in associated samples.

Blanks: Method blank VBLK08 contained a trace of methylene chloride (2 ug/kg). Volatile holding blank VHB contained traces of methylene chloride (5 ug/L), trichloroethene (6 ug/L), and toluene (18 ug/L). Results for methylene chloride that are less than ten times the highest blank level should be reported as not detected (U) in associated samples. Results for trichloroethene and toluene that are less than five times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for the MS/MSD sample MW-115B.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK08 and VBLK09.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.



Data Validation
Environmental Chemistry
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**Data Usability Summary Report for
STL Buffalo, Job #: A05-7481**

**14 Soil and 3 Sediment Samples
Collected July 13 and 14, 2005**

Prepared by: Donald Anné
December 19, 2005

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 14 soil and 3 sediment samples analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical methods.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive results for acetone were flagged as “not detected” (U) in the following samples because the concentrations of acetone in the samples were not significantly greater (more than ten times) than the level in the associated method blank.
MW-114B MW-121B MW-123A MW-123B SBA-12A
SBA-12B SBC-16B SBE-11B SED-3
- Positive results for dichlorodifluoromethane were flagged as “estimated” (J) in samples SBA-12A and SED-3 because the %D for dichlorodifluoromethane was above the allowable maximum for the associated continuing calibration.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.



Data Validation
Environmental Chemistry
Lab and Field Audits
Sampling Plans

**QA/QC Review of Volatiles Data
for STL Buffalo, Job #: A05-7481**

**14 Soil and 3 Sediment Samples
Collected July 13 and 14, 2005**

Prepared by: Donald Anné
December 19, 2005

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with RRF and %RSD requirements for ASP met those criteria.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %Ds for bromomethane (26.3%) and 1,2,4-trichlorobenzene (29.9%) were above the ASP required maximum (25%), but were less than 40% on 07-22-05 (O6603.RR). No action is taken when two or fewer compounds per calibration do not meet ASP criteria, provided that the %Ds are less than 40% and RRF50s are greater than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required. The %Ds for chloromethane (31.7%), bromomethane (26.3%), chloroethane (30.8%), dichlorodifluoromethane (51.8%), trichlorofluoromethane (37.4%), and 1,2,4-trichlorobenzene (29.9%) were above the allowable maximum (25%) on 07-22-05 (O6603.RR). The %Ds for carbon disulfide (32.7%) and cyclohexane (27.4%) were above the allowable maximum (25%) on 07-22-05 (O6627.RR). Positive results for these compounds should be considered estimates (J) in associated samples.

Blanks: Method blank VBLK10 contained a trace of acetone (2 ug/kg). Results for acetone that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for the MS/MSD sample MW-114B.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK10 and VBLK11.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.



**Data Usability Summary Report for
STL Buffalo, Job #: A05-B766**

**11 Ground Water and 3 Surface Water Samples
Collected October 18, 2005**

**Prepared by: Donald Anné
December 19, 2005**

Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 11 ground water and 3 surface water samples analyzed for volatiles, one ground water sample analyzed for semi-volatiles, and 10 ground water samples analyzed for TAL metals and methyl blue active substances (MBAS).

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical methods.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- Results reported as "not detected" for dichlorodifluoromethane were flagged as "unusable" (R) in the following samples because the RRF50 for dichlorodifluoromethane was below the allowable minimum for the associated continuing calibration.

MW-114	MW-116	MW-117	MW-117A	MW-118
MW-119	MW-120	MW-121	MW-122	MW-123
SW-1	SW-2	SW-3		

- The results for several volatile compounds in samples MW-116, MW-118, MW-122, and MW-123 were flagged as "estimated" (J), because the results for those compounds were quantitated by extrapolating data above the highest calibration standard.
- All results for lead were flagged as "estimated" (J) in the following samples because the percent recovery for lead was below the EPA region II control in the associated CRDL standard, CRI.

MW-114	MW-115	MW-116	MW-117	MW-117A
MW-119	MW-120	MW-122	MW-123	

- Positive results for arsenic were flagged as “estimated” (J) in the following samples because the percent recovery for arsenic was above the EPA region II control in the associated CRDL standard, CRI .
MW-118 MW-119 MW-120 MW-122 MW-123
- All results for mercury were flagged as “estimated” (J) in all ten ground water samples because the 1 of 2 %Rs for mercury was below control limits (75-125%) in MS/MSD sample MW-117.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.



Data Validation
Environmental Chemistry
Lab and Field Audits
Sampling Plans

**QA/QC Review of Volatiles Data
for STL Buffalo, Job #: A05-B766**

**11 Ground Water and 3 Surface Water Samples
Collected October 18, 2005**

Prepared by: Donald Anné
December 19, 2005

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with RRF and %RSD requirements for ASP met those criteria.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF50 for 1,1,2,2-tetrachloroethane (0.2988) was below the ASP required maximum (0.300), but was greater than 0.010 on 10-22-05 (O8348.RR). No action is taken when two or fewer compounds per calibration do not meet ASP criteria, provided that the %Ds are less than 40% and RRF50s are greater than 0.010.

The RRF50 for dichlorodifluoromethane (0.0061) was below the allowable minimum (0.050) on 10-22-05 (O8348.RR). Positive results for dichlorodifluoromethane should be considered estimates (J) and negative results unusable (R) in associated samples.

The %Ds for dichlorodifluoromethane (97.8%) and trichlorofluoromethane (33.2%) were above the allowable maximum (25%) on 10-22-05 (O8348.RR). Positive results for these two compounds should be considered estimates (J) in associated samples.

Blanks: The analyses of method and holding blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for the MS/MSD sample MW-117.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK91 and VBLK92.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for several volatile compounds in samples MW-116, MW-118, MW-122, and MW-123 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.



**QA/QC Review of TCL Semi-Volatiles Data
for STL Buffalo, Job #: A05-B766**

**One Ground Water Sample
Collected October 18, 2005**

**Prepared by: Donald Anné
December 19, 2005**

Holding Times: Sample MW-117 was extracted and analyzed within EPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within control limits for method 8270C.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within control limits for method 8270C.

The RRF50s for target compounds were above the allowable minimum (0.050) and the %Ds were below the allowable maximum (25%), as required.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for sample MW-117.

Matrix Spike/Matrix Spike Duplicate: MS/MSD data was not provided in this data pack. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Semi-Volatiles Data
Job #: A05-B766

Matrix Spike Blank: The percent recoveries were within QC limits for aqueous sample "S Blank".

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.



**QA/QC Review of TAL Metals Data
for STL Buffalo, Job #: A05-B766**

**10 Ground Water Samples
Collected October 18, 2005**

**Prepared by: Donald Anné
December 19, 2005**

Holding Times: Samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for TAL metals were within control limits (80-120% for mercury and 90-110% for all other metals).

CRDL Standard for AA & ICP: The percent recoveries for arsenic (134.3%) and lead (74.2%) were outside EPA Region II QC limits (80-120%) in the standard, CRI. Positive results for arsenic that are less than 20 ug/L should be considered estimates in associated samples. All results for lead that are less than 10 ug/L should be considered estimates in associated samples

Blanks: The analyses of initial and continuing calibration, preparation, and equipment blanks reported TAL metals as less than the CRDLs, as required.

ICP Interference Check Sample: The percent recoveries for applicable TAL metals were within control limits (80-120%).

Spike Sample Recovery: One of two percent recoveries for mercury was below control limits (75-125%) for MS/MSD sample MW-117. All results for mercury should be considered estimates (J).

Lab Duplicates: The relative percent difference for mercury was above the allowable maximum (20%) for MS/MSD sample MW-117. Positive results for mercury should be considered estimates (J).

Laboratory Control Sample: The percent recoveries for TAL metals were within control limits (80-120%) for the aqueous LCSs.

TAL Metals Data
Job #: A05-B766

ICP Serial Dilution: The %Ds for applicable metals were below the allowable maximum (10%) for serial dilution sample MW-117, as required.

Instrument Detection Limits: The IDLs for target metals were at or below the CRDLs, as required.



**QA/QC Review of Methyl Blue Active Substances (MBAS)
Data for STL Buffalo, Job #: A05-9426**

**10 Ground Water Samples
Collected October 18, 2005**

**Prepared by: Donald Anné
December 19, 2005**

Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

Holding Times: Samples were analyzed within EPA holding times.

Initial Calibration: The correlation coefficient for the MBAS curve (0.99525) was above the allowable minimum (0.995), as required.

Blanks: The analysis of the method blank reported MBAS as not detected.

Spike Sample Recovery: The percent recoveries for MBAS were within control limits (75-125%) for MS/MSD sample MW-117.

Duplicates: The relative percent difference for MBAS (2%) was below the allowable maximum (20%) for MS/MSD sample MW-117, as required.

Laboratory Control Sample: The percent recovery (95%) for MBAS was within control limits (80-120%) for the aqueous LCSSs.



February 20, 2006

Mr. Mark Schumacher
Delta Environmental Consultants, Inc.
104 Jamesville Road
Syracuse, New York 13204

Re: Data Validation Report
HB Fuller VCP Site
Delta Project No. V004210-1

Dear Mr. Schumacher:

The data validation summaries are attached to this letter for the HB Fuller VCP Site, data for the January 2006 ground water sampling event. The data for STL Buffalo, combined Job Nos. A06-0397 and A06-0438 were mostly acceptable with one issue that is identified and discussed in the validation summary. The data pack contained one "not detected" result for iron that was qualified as unusable (R). The individual QA/QC review for metals contains the explanation for rejecting the data, and is based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of common data validation acronyms is attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Delta Environmental Consultants, Inc.

Sincerely,
Alpha Environmental Consultants, Inc.

A handwritten signature in black ink, appearing to read 'Donald Anné'.

Donald Anné
Senior Chemist

DCA:dca
attachments

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SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED		RECEIVED	
			DATE	TIME	DATE	TIME
A6039708	MW-114	WATER	01/11/2006	14:15	01/12/2006	14:00
A6039704	MW-115	WATER	01/11/2006	11:30	01/12/2006	14:00
A6039707	MW-116	WATER	01/11/2006	13:30	01/12/2006	14:00
A6039702	MW-117	WATER	01/11/2006	11:05	01/12/2006	14:00
A6039702MS	MW-117 MS	WATER	01/11/2006	11:05	01/12/2006	14:00
A6039702SD	MW-117 SD	WATER	01/11/2006	11:05	01/12/2006	14:00
A6039703	MW-117A	WATER	01/11/2006	11:05	01/12/2006	14:00
A6039705	MW-118	WATER	01/11/2006	12:15	01/12/2006	14:00
A6039706	MW-119	WATER	01/11/2006	13:00	01/12/2006	14:00
A6043803	MW-120	WATER	01/12/2006	11:30	01/13/2006	08:50
A6043802	MW-121	WATER	01/12/2006	10:30	01/13/2006	08:50
A6039701	MW-122	WATER	01/11/2006	10:15	01/12/2006	14:00
A6043801	MW-123	WATER	01/12/2006	09:45	01/13/2006	08:50
A6043804	TRIP BLANK	WATER	01/12/2006		01/13/2006	08:50

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FPN	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

- U = Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
- R = Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
- N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
- J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.



**Data Usability Summary Report for
STL Buffalo, Job #: A06-0397, A06-0438**

**11 Ground Water Samples and 1 Trip Blank
Collected January 11 and 12, 2006**

Prepared by: Donald Anné
February 20, 2006

Data Validation
Environmental Chemistry
Lab and Field Audits
Sampling Plans

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 11 ground water samples analyzed for volatiles, TAL metals and methyl blue active substances (MBAS), and one trip blank analyzed for volatiles only.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical methods.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- Results for samples MW-116 and MW118DL were flagged as “estimates” (J) because the samples were analyzed beyond NYSDEC ASP holding times.
- The result for tetrachloroethene in sample MW-118 was flagged as “estimated” (J), because the result for tetrachloroethene was quantitated by extrapolating data above the highest calibration standard.
- All results for beryllium and selenium were flagged as “estimated” (J) in all 11 ground water samples because the percent recoveries for beryllium and selenium were below the EPA Region II control criteria in the associated CRDL standard, CRI.
- The “not detected” results for mercury were flagged as “estimated” (J) in samples MW-120, MW-121, and MW-123 because the percent recovery for mercury was below the EPA Region II control criteria in the associated CRDL standard, CRA #2.
- Positive results for arsenic were flagged as “estimated” (J) in samples MW-117, MW-117A, MW-119, and MW-121 because the relative percent difference for arsenic was above the allowable maximum (20%) in duplicate sample MW-117.

- Positive results for iron were flagged as “estimated” (J) in all 11 ground water samples except MW-116 because the percent recoveries for iron were below control limits (75-125%), and below 30% in MS/MSD sample MW-117.
- The “not detected” result for iron was flagged as “unusable” (R) in sample MW-116 because the percent recoveries for iron were below control limits (75-125%), and below 30% in MS/MSD sample MW-117.
- Positive results for MBAS were flagged as “estimated” (J) in the following samples because the percent recoveries for MBAS were above control limits (75-125%) in MS/MSD sample MW-117.

MW-117 MW-117A MW-119 MW-120 MW-121

All data that are not flagged rejected (R) are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.



Data Validation
Environmental Chemistry
Lab and Field Audits
Sampling Plans

**QA/QC Review of Volatiles Data
for STL Buffalo, Job #: A06-0397, A06-0438**

**11 Ground Water Samples and 1 Trip Blank
Collected January 11 and 12, 2006**

Prepared by: Donald Anné
February 20, 2006

Holding Times: Samples MW-116 and MW-118DL were analyzed beyond NYSDEC ASP holding times. Results for samples MW-116 and MW-118DL should be considered estimates (J).

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The %RSD for bromomethane was above the ASP maximum, but was not greater than 40% for HP5973Q on 01-18-06. The %RSD for bromomethane was above the ASP maximum, but was not greater than 40% for HP5973Q on 01-23-06. No action is taken when two or fewer compounds per calibration do not meet ASP criteria, provided that the %RSDs are less than 40% and RRFs are greater than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050), as required.

The %RSD for bromomethane (30.7%) was above the allowable maximum (30%) for HP5973Q on 01-18-06. Positive results for bromomethane should be considered estimates (J) in associated samples.

Continuing Calibration: The compounds with RRF50 and %D requirements for ASP met those criteria.

The RRF50s for target compounds were above the allowable minimum (0.050) and the %Ds were below the allowable maximum (30%), as required.

Blanks: The analyses of method, holding, and trip blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for the MS/MSD sample MW-117.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK59, VBLK60, VBLK61, and VBLK63.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The result for tetrachloroethene in sample MW-118 was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result for tetrachloroethene that is flagged as 'E' in the undiluted sample should be considered estimated (J) and the use of the diluted result for tetrachloroethene is recommended. It is recommended that the undiluted results be used for all other compounds.



**QA/QC Review of TAL Metals Data for
STL Buffalo, Job #: A06-0397, A06-0438**

**11 Ground Water Samples
Collected January 11 and 12, 2006**

**Prepared by: Donald Anné
February 20, 2006**

Holding Times: Samples were analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for TAL metals were within control limits (80-120% for mercury and 90-110% for all other metals).

CRDL Standard for AA & ICP: The percent recoveries for beryllium (73.5%) and selenium (75.3%) were below EPA Region II QC limits (80-120%) in the standard, CRI. All results for beryllium that are less than 4 ug/L and selenium that are less than 30 ug/L should be considered estimates (J) in associated samples.

The percent recovery for mercury (75.3%) was below EPA Region II QC limits (80-120%) in the standard, CRA #2. All results for mercury that are less than 0.4 ug/L should be considered estimates (J) in associated samples.

Blanks: The analyses of initial and continuing calibration, preparation, and equipment blanks reported TAL metals as less than the CRDLs, as required.

ICP Interference Check Sample: The percent recoveries for applicable TAL metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for iron (-1.5% and 15.2%) were below control limits (75-125%) and below 30% for MS/MSD sample MW-117. Positive results for iron should be considered estimates (J) and negative results unusable (R).

Lab Duplicates: The relative percent difference for arsenic (21.0%) was above the allowable maximum (20%) for MS/MSD sample MW-117. Positive results for arsenic should be considered estimates (J).

Laboratory Control Sample: The percent recoveries for TAL metals were within control limits (80-120%) for the aqueous LCSs.

ICP Serial Dilution: The %Ds for applicable metals were below the allowable maximum (10%) for serial dilution sample MW-117, as required.

Instrument Detection Limits: The IDLs for target metals were at or below the CRDLs, as required.



**QA/QC Review of Methyl Blue Active Substances (MBAS)
Data for STL Buffalo, Job #: A06-0397, A06-0438**

**11 Ground Water Samples
Collected January 11 and 12, 2006**

**Prepared by: Donald Anné
February 20, 2006**

Data Validation
Environmental Chemistry
Lab and Field Audits
Sampling Plans

Holding Times: Samples were analyzed within EPA holding times.

Initial Calibration: The correlation coefficient for the MBAS curve (0.99617) was above the allowable minimum (0.995), as required.

Blanks: The analyses of the method blanks reported MBAS as not detected.

Spike Sample Recovery: The percent recoveries for MBAS (172% and 162%) were above control limits (75-125%) for MS/MSD sample MW-117. Positive results for MBAS should be considered estimates (J).

Duplicates: The relative percent difference for MBAS (6%) was below the allowable maximum (20%) for MS/MSD sample MW-117, as required.

Laboratory Control Sample: The percent recovery (106%) for MBAS was within control limits (80-120%) for the aqueous LCSs.

ATTACHMENT 2

ANALYTICAL DATA SUMMARY PACKAGES

STL Buffalo

10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A05-7310


STL Project#: NY4A9341

Site Name: Delta Environmental Consultants, Inc.

Task: Geneva Site - soils

Mark Schumacher
Delta Environmental
104 Jamesville Rd.
Syracuse, NY 13214

STL Buffalo



Brian J. Fischer
Project Manager

08/08/2005

STL Buffalo

Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/BB-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED		RECEIVED	
			DATE	TIME	DATE	TIME
A5731010	MW-115A	SOIL	07/12/2005	13:00	07/13/2005	07:45
A5731011	MW-115B	SOIL	07/12/2005	13:10	07/13/2005	07:45
A5731011MS	MW-115B	SOIL	07/12/2005	13:10	07/13/2005	07:45
A5731011SD	MW-115B	SOIL	07/12/2005	13:10	07/13/2005	07:45
A5731012	MW-116A	SOIL	07/12/2005	15:00	07/13/2005	07:45
A5731013	MW-116B	SOIL	07/12/2005	15:10	07/13/2005	07:45
A5731008	MW-117A	SOIL	07/12/2005	11:00	07/13/2005	07:45
A5731009	MW-117B	SOIL	07/12/2005	11:10	07/13/2005	07:45
A5731005	MW-118A	SOIL	07/12/2005	08:00	07/13/2005	07:45
A5731006	MW-118B	SOIL	07/12/2005	08:10	07/13/2005	07:45
A5731007	MW-118C	SOIL	07/12/2005	08:10	07/13/2005	07:45
A5731003	MW-119A	SOIL	07/11/2005	14:00	07/13/2005	07:45
A5731004	MW-119B	SOIL	07/11/2005	14:10	07/13/2005	07:45
A5731001	MW-120A	SOIL	07/11/2005	10:30	07/13/2005	07:45
A5731002	MW-120B	SOIL	07/11/2005	10:40	07/13/2005	07:45

METHODS SUMMARY

Job#: A05-7310STL Project#: NY4A9341Site Name: Delta Environmental Consultants, Inc.

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
DELTA - AQ - ASP 2000/8260 - TCL VOLATILES	ASP00 8260/5ML
DELTA - SOIL ASP 2000/8260 - TCL VOLATILES	ASP00 8260

ASP00 "Analytical Services Protocol", New York State Department of Conservation,
June 2000.

NON-CONFORMANCE SUMMARY

Job#: A05-7310STL Project#: NY4A9341Site Name: Delta Environmental Consultants, Inc.General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-7310

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

All samples were received in good condition.

GC/MS Volatile Data

The analyte Methylene Chloride was detected in Method Blank VELK08 (A5B1105903) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

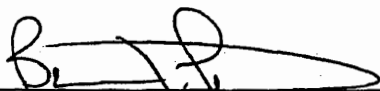
The analyte Toluene was detected in the Volatile Holding Blank at a level above the project established reporting limit. With the exception of sample MW-116A, Toluene was not detected in the associated samples.

The analytes Methylene Chloride and Trichloroethene were detected in the Volatile Holding Blank at a level below the project established reporting limit.

The VHB was preserved to a PH less than 2.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Brian J. Fischer
Project Manager

3-9-05

Date

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
MW-115A	A5731010	ASP00	-	-	-	-	-	-
MW-115B	A5731011	ASP00	-	-	-	-	-	-
MW-116A	A5731012	ASP00	-	-	-	-	-	-
MW-116B	A5731013	ASP00	-	-	-	-	-	-
MW-117A	A5731008	ASP00	-	-	-	-	-	-
MW-117B	A5731009	ASP00	-	-	-	-	-	-
MW-118A	A5731005	ASP00	-	-	-	-	-	-
MW-118B	A5731006	ASP00	-	-	-	-	-	-
MW-118C	A5731007	ASP00	-	-	-	-	-	-
MW-119A	A5731003	ASP00	-	-	-	-	-	-
MW-119B	A5731004	ASP00	-	-	-	-	-	-
MW-120A	A5731001	ASP00	-	-	-	-	-	-
MW-120B	A5731002	ASP00	-	-	-	-	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
MW-115A	SOIL	07/12/2005	07/13/2005	-	07/22/2005
MW-115B	SOIL	07/12/2005	07/13/2005	-	07/22/2005
MW-116A	SOIL	07/12/2005	07/13/2005	-	07/21/2005
MW-116B	SOIL	07/12/2005	07/13/2005	-	07/21/2005
MW-117A	SOIL	07/12/2005	07/13/2005	-	07/20/2005
MW-117B	SOIL	07/12/2005	07/13/2005	-	07/20/2005
MW-118A	SOIL	07/12/2005	07/13/2005	-	07/20/2005
MW-118B	SOIL	07/12/2005	07/13/2005	-	07/20/2005
MW-118C	SOIL	07/12/2005	07/13/2005	-	07/20/2005
MW-119A	SOIL	07/11/2005	07/13/2005	-	07/20/2005
MW-119B	SOIL	07/11/2005	07/13/2005	-	07/20/2005
MW-120A	SOIL	07/11/2005	07/13/2005	-	07/20/2005
MW-120B	SOIL	07/11/2005	07/13/2005	-	07/20/2005

NYSDEC-2

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
MW-115A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-115B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-116A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-116B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-117A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-117B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-118A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-118B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-118C	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-119A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-119B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-120A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-120B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-115A

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731010Sample wt/vol: 5.00 (g/mL) GLab File ID: Q6584.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 15 Heated Purge: YDate Analyzed: 07/22/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	6	U
67-64-1-----	Acetone	12	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

13\422

Client No.

MW-115A

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731010

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q6584.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 15 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-115A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731010Sample wt/vol: 5.00 (g/mL) GLab File ID: Q6584.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 14.8Date Analyzed: 07/22/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	14	JN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-115B

Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731011Sample wt/vol: 5.20 (g/mL) GLab File ID: Q6585.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 20 Heated Purge: YDate Analyzed: 07/22/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	7	Y
67-64-1-----	Acetone	3	J
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	1	J
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-115B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731011Sample wt/vol: 5.20 (g/mL) GLab File ID: Q6585.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 20 Heated Purge: YDate Analyzed: 07/22/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

17422

Client No.

MW-115B

Lab Name: SIL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731011

Sample wt/vol: 5.20 (g/mL) G

Lab File ID: Q6585.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 19.8

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	10	JN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-116A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731012Sample wt/vol: 5.18 (g/mL) GLab File ID: Q6582.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 16 Heated Purge: YDate Analyzed: 07/21/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3	-----Chloromethane	11	U	
74-83-9	-----Bromomethane	11	U	
75-01-4	-----Vinyl chloride	3	J	
75-00-3	-----Chloroethane	2	J	
75-09-2	-----Methylene chloride	10	J	U
67-64-1	-----Acetone	70		
75-15-0	-----Carbon Disulfide	4	J	
75-35-4	-----1,1-Dichloroethene	11	U	
75-34-3	-----1,1-Dichloroethane	10	J	
67-66-3	-----Chloroform	11	U	
107-06-2	-----1,2-Dichloroethane	11	U	
78-93-3	-----2-Butanone	12		
71-55-6	-----1,1,1-Trichloroethane	7	J	
56-23-5	-----Carbon Tetrachloride	11	U	
75-27-4	-----Bromodichloromethane	11	U	
78-87-5	-----1,2-Dichloropropane	11	U	
10061-01-5	-----cis-1,3-Dichloropropene	11	U	
79-01-6	-----Trichloroethene	10	J	U
124-48-1	-----Dibromochloromethane	11	U	
79-00-5	-----1,1,2-Trichloroethane	11	U	
71-43-2	-----Benzene	16		
10061-02-6	-----trans-1,3-Dichloropropene	11	U	
75-25-2	-----Bromoform	11	U	
108-10-1	-----4-Methyl-2-pentanone	11	U	
591-78-6	-----2-Hexanone	11	U	
127-18-4	-----Tetrachloroethene	8	J	
108-88-3	-----Toluene	2	J	U
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U	
108-90-7	-----Chlorobenzene	11	U	
100-41-4	-----Ethylbenzene	9	J	
100-42-5	-----Styrene	3	J	
1330-20-7	-----Total Xylenes	22		
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	11	U	
156-59-2	-----cis-1,2-Dichloroethene	53		

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-116A

Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731012Sample wt/vol: 5.18 (g/mL) GLab File ID: Q6582.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 16 Heated Purge: YDate Analyzed: 07/21/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	4	J
75-71-8-----	Dichlorodifluoromethane	4	J
75-69-4-----	Trichlorofluoromethane	11	U
79-20-9-----	Methyl acetate	11	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7-----	Cyclohexane	11	U
108-87-2-----	Methylcyclohexane	11	U
106-93-4-----	1,2-Dibromoethane	11	U
98-82-8-----	Isopropylbenzene	2	J
541-73-1-----	1,3-Dichlorobenzene	11	U
106-46-7-----	1,4-Dichlorobenzene	11	U
95-50-1-----	1,2-Dichlorobenzene	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U
120-82-1-----	1,2,4-Trichlorobenzene	11	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-116A

Lab Name: STL Buffalo

Contract: _____

Lab Code: REQNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731012Sample wt/vol: 5.18 (g/mL) GLab File ID: Q6582.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 15.5Date Analyzed: 07/21/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 3

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALCOHOL	3.66	28	J
2. 110-54-3	HEXANE	3.94	23	JN
3.	UNKNOWN SILANOL	4.52	6	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

21/422

Client No.

MW-116B

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731013

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: Q6583.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 14 Heated Purge: Y

Date Analyzed: 07/21/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3-----	Chloromethane	11	U	
74-83-9-----	Bromomethane	11	U	
75-01-4-----	Vinyl chloride	11	U	
75-00-3-----	Chloroethane	11	U	
75-09-2-----	Methylene chloride	14	U	
67-64-1-----	Acetone	5	J	
75-15-0-----	Carbon Disulfide	11	U	
75-35-4-----	1,1-Dichloroethene	11	U	
75-34-3-----	1,1-Dichloroethane	11	U	
67-66-3-----	Chloroform	11	U	
107-06-2-----	1,2-Dichloroethane	11	U	
78-93-3-----	2-Butanone	11	U	
71-55-6-----	1,1,1-Trichloroethane	1	J	
56-23-5-----	Carbon Tetrachloride	11	U	
75-27-4-----	Bromodichloromethane	11	U	
78-87-5-----	1,2-Dichloropropane	11	U	
10061-01-5----	cis-1,3-Dichloropropene	11	U	
79-01-6-----	Trichloroethene	2	J	
124-48-1-----	Dibromochloromethane	11	U	
79-00-5-----	1,1,2-Trichloroethane	11	U	
71-43-2-----	Benzene	11	U	
10061-02-6----	trans-1,3-Dichloropropene	11	U	
75-25-2-----	Bromoform	11	U	
108-10-1-----	4-Methyl-2-pentanone	11	U	
591-78-6-----	2-Hexanone	11	U	
127-18-4-----	Tetrachloroethene	66		
108-88-3-----	Toluene	11	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	11	U	
108-90-7-----	Chlorobenzene	11	U	
100-41-4-----	Ethylbenzene	11	U	
100-42-5-----	Styrene	11	U	
1330-20-7-----	Total Xylenes	11	U	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U	
156-59-2-----	cis-1,2-Dichloroethene	2	J	

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-116B

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731013Sample wt/vol: 5.10 (g/mL) GLab File ID: 06583.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 14 Heated Purge: YDate Analyzed: 07/21/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	11	U
75-71-8-----	Dichlorodifluoromethane	11	U
75-69-4-----	Trichlorofluoromethane	11	U
79-20-9-----	Methyl acetate	11	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7-----	Cyclohexane	11	U
108-87-2-----	Methylcyclohexane	11	U
106-93-4-----	1,2-Dibromoethane	11	U
98-82-8-----	Isopropylbenzene	11	U
541-73-1-----	1,3-Dichlorobenzene	11	U
106-46-7-----	1,4-Dichlorobenzene	11	U
95-50-1-----	1,2-Dichlorobenzene	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U
120-82-1-----	1,2,4-Trichlorobenzene	11	U

23422

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-116B

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731013Sample wt/vol: 5.10 (g/mL) GLab File ID: Q6583.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 14.5Date Analyzed: 07/21/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	25	JN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-117A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOILLab Sample ID: A5731008Sample wt/vol: 5.13 (g/mL) GLab File ID: Q6570.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 22 Heated Purge: YDate Analyzed: 07/20/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	16	U
67-64-1-----	Acetone	15	
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	1	J
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	170	
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	200	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-117A

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731008Sample wt/vol: 5.13 (g/mL) GLab File ID: Q6570.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 22 Heated Purge: YDate Analyzed: 07/20/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	2	J
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	23	
108-87-2-----	Methylcyclohexane	120	
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	200	
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-117A

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731008Sample wt/vol: 5.13 (g/mL) GLab File ID: Q6570.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 21.9Date Analyzed: 07/20/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 10

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	ALKYLBENZENE DERIVATIVE	9.00	2200	J
2.	ALKYLBENZENE DERIVATIVE	9.23	2500	J
3.	TRIMETHYLBENZENE ISOMER	9.36	2500	J
4.	ALKYLBENZENE DERIVATIVE	9.62	1500	J
5.	TRIMETHYLBENZENE ISOMER	9.73	2000	J
6.	METHYLPROPYLBENZENE ISOMER	9.88	1900	J
7.	ALKYLBENZENE DERIVATIVE	10.24	1700	J
8.	UNKNOWN	10.35	2100	J
9.	UNKNOWN	10.48	2500	J
10.	TETRAMETHYLBENZENE ISOMER	10.91	2000	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

27422

Client No.

MW-117B

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731009

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q6571.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3	Chloromethane	12		U
74-83-9	Bromomethane	12		U
75-01-4	Vinyl chloride	12		U
75-00-3	Chloroethane	12		U
75-09-2	Methylene chloride	12		U
67-64-1	Acetone	7		J
75-15-0	Carbon Disulfide	12		U
75-35-4	1,1-Dichloroethene	100		
75-34-3	1,1-Dichloroethane	93		
67-66-3	Chloroform	12		U
107-06-2	1,2-Dichloroethane	12		U
78-93-3	2-Butanone	12		U
71-55-6	1,1,1-Trichloroethane	12		U
56-23-5	Carbon Tetrachloride	12		U
75-27-4	Bromodichloromethane	12		U
78-87-5	1,2-Dichloropropane	12		U
10061-01-5	cis-1,3-Dichloropropene	12		U
79-01-6	Trichloroethene	2		J
124-48-1	Dibromochloromethane	12		U
79-00-5	1,1,2-Trichloroethane	12		U
71-43-2	Benzene	1		J
10061-02-6	trans-1,3-Dichloropropene	12		U
75-25-2	Bromoform	12		U
108-10-1	4-Methyl-2-pentanone	12		U
591-78-6	2-Hexanone	12		U
127-18-4	Tetrachloroethene	12		U
108-88-3	Toluene	12		U
79-34-5	1,1,2,2-Tetrachloroethane	12		U
108-90-7	Chlorobenzene	12		U
100-41-4	Ethylbenzene	12		U
100-42-5	Styrene	12		U
1330-20-7	Total Xylenes	12		U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12		U
156-59-2	cis-1,2-Dichloroethene	8		J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

28\422

Client No.

MW-117B

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731009

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: 06571.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	2	J
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

29\422

Client No.

MW-117B

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731009

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q6571.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 16.9

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	21	BJN
2.	UNKNOWN	10.90	46	J
3.	UNKNOWN	11.25	27	J
4.	SATURATED HYDROCARBON	11.31	24	J
5.	UNKNOWN	11.63	16	J
6.	AROMATIC DERIVATIVE	11.77	20	J
7.	UNKNOWN	12.02	26	J
8.	AROMATIC DERIVATIVE	12.14	17	J
9.	METHYLNAPHTHALENE ISOMER	12.21	22	J
10.	METHYLNAPHTHALENE ISOMER	12.37	47	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-118A

Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731005Sample wt/vol: 5.15 (g/mL) GLab File ID: Q6567.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 18 Heated Purge: YDate Analyzed: 07/20/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	7	U
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	4	J
67-66-3	Chloroform	1	J
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	44	
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	75	
108-88-3	Toluene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2	cis-1,2-Dichloroethene	4	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

31422

Client No.

MW-118A

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731005

Sample wt/vol: 5.15 (g/mL) G

Lab File ID: Q6567.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 18 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	2	J
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

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DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-118A

Name: STL Buffalo

Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731005Sample wt/vol: 5.15 (g/mL) GLab File ID: Q6567.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 17.5Date Analyzed: 07/20/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	24	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

33422

Client No.

MW-118B

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731006

Sample wt/vol: 5.06 (g/mL) G

Lab File ID: Q6568.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 18 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	16	U
67-64-1	Acetone	8	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	8	J
108-88-3	Toluene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2	cis-1,2-Dichloroethene	8	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

34422

Client No.

MW-118B

b Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731006

Sample wt/vol: 5.06 (g/mL) G

Lab File ID: Q6568.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 18 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

35422

Client No.

MW-118B

o Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731006

Sample wt/vol: 5.06 (g/mL) G

Lab File ID: Q6568.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 18.0

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	23	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-118C

Site Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731007Sample wt/vol: 5.03 (g/mL) GLab File ID: Q6569.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 16 Heated Purge: YDate Analyzed: 07/20/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	12	U
75-01-4	-----Vinyl chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene chloride	16	U
67-64-1	-----Acetone	6	J
75-15-0	-----Carbon Disulfide	12	U
75-35-4	-----1,1-Dichloroethene	12	U
75-34-3	-----1,1-Dichloroethane	12	U
67-66-3	-----Chloroform	12	U
107-06-2	-----1,2-Dichloroethane	12	U
78-93-3	-----2-Butanone	12	U
71-55-6	-----1,1,1-Trichloroethane	12	U
56-23-5	-----Carbon Tetrachloride	12	U
75-27-4	-----Bromodichloromethane	12	U
78-87-5	-----1,2-Dichloropropane	12	U
10061-01-5	-----cis-1,3-Dichloropropene	12	U
79-01-6	-----Trichloroethene	8	U
124-48-1	-----Dibromochloromethane	12	U
79-00-5	-----1,1,2-Trichloroethane	12	U
71-43-2	-----Benzene	12	U
10061-02-6	-----trans-1,3-Dichloropropene	12	U
75-25-2	-----Bromoform	12	U
108-10-1	-----4-Methyl-2-pentanone	12	U
591-78-6	-----2-Hexanone	12	U
127-18-4	-----Tetrachloroethene	12	
108-88-3	-----Toluene	12	U
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U
108-90-7	-----Chlorobenzene	12	U
100-41-4	-----Ethylbenzene	12	U
100-42-5	-----Styrene	12	U
1330-20-7	-----Total Xylenes	12	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2	-----cis-1,2-Dichloroethene	8	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

37422

Client No.

MW-118C

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731007

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: Q6569.RR

Level: (low/med) LOW

Date Samp/Recv: 07/12/2005 07/13/2005

% Moisture: not dec. 16 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

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DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-118C

Name: STL Buffalo Contract: _____Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731007Sample wt/vol: 5.03 (g/mL) GLab File ID: Q6569.RRLevel: (low/med) LOWDate Samp/Recv: 07/12/2005 07/13/2005% Moisture: not dec. 16.1Date Analyzed: 07/20/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	24	BJN
2.	UNKNOWN SILANOL	4.52	8	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

39\422

Client No.

MW-119A

Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731003

Sample wt/vol: 5.13 (g/mL) G

Lab File ID: Q6565.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 22 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	13	U
67-64-1-----	Acetone	5	J
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	5	J
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	18	
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	180	
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	18	
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	26	

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

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Client No.

MW-119A

Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731003

Sample wt/vol: 5.13 (g/mL) G

Lab File ID: Q6565.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 22 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	2	J
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

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Client No.

MW-119A

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731003

Sample wt/vol: 5.13 (g/mL) G

Lab File ID: Q6565.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 21.7

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	26	BJN
2.	UNKNOWN SILANOL	4.52	14	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

42/422

Client No.

MW-119B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731004

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: 06566.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 14 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	-----Chloromethane	11	U
74-83-9	-----Bromomethane	11	U
75-01-4	-----Vinyl chloride	11	U
75-00-3	-----Chloroethane	11	U
75-09-2	-----Methylene chloride	18	U
67-64-1	-----Acetone	6	J
75-15-0	-----Carbon Disulfide	11	U
75-35-4	-----1,1-Dichloroethene	11	U
75-34-3	-----1,1-Dichloroethane	11	U
67-66-3	-----Chloroform	11	U
107-06-2	-----1,2-Dichloroethane	11	U
78-93-3	-----2-Butanone	11	U
71-55-6	-----1,1,1-Trichloroethane	11	U
56-23-5	-----Carbon Tetrachloride	11	U
75-27-4	-----Bromodichloromethane	11	U
78-87-5	-----1,2-Dichloropropane	11	U
10061-01-5	-----cis-1,3-Dichloropropene	11	U
79-01-6	-----Trichloroethene	4	U
124-48-1	-----Dibromochloromethane	11	U
79-00-5	-----1,1,2-Trichloroethane	11	U
71-43-2	-----Benzene	11	U
10061-02-6	-----trans-1,3-Dichloropropene	11	U
75-25-2	-----Bromoform	11	U
108-10-1	-----4-Methyl-2-pentanone	11	U
591-78-6	-----2-Hexanone	11	U
127-18-4	-----Tetrachloroethene	5	J
108-88-3	-----Toluene	11	U
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U
108-90-7	-----Chlorobenzene	11	U
100-41-4	-----Ethylbenzene	11	U
100-42-5	-----Styrene	11	U
1330-20-7	-----Total Xylenes	11	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
156-59-2	-----cis-1,2-Dichloroethene	2	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

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Client No.

MW-119B

b Name: SIL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731004

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: Q6566.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 14 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	11	U
75-71-8-----	Dichlorodifluoromethane	11	U
75-69-4-----	Trichlorofluoromethane	11	U
79-20-9-----	Methyl acetate	11	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7-----	Cyclohexane	11	U
108-87-2-----	Methylcyclohexane	11	U
106-93-4-----	1,2-Dibromoethane	11	U
98-82-8-----	Isopropylbenzene	11	U
541-73-1-----	1,3-Dichlorobenzene	11	U
106-46-7-----	1,4-Dichlorobenzene	11	U
95-50-1-----	1,2-Dichlorobenzene	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U
120-82-1-----	1,2,4-Trichlorobenzene	11	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

44422

Client No.

MW-119B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731004

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: 06566.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 14.4

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	26	BJN
2.	UNKNOWN SILANOL	4.52	8	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

45422

Client No.

MW-120A

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731001

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: Q6563.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 21 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	12	U
67-64-1-----	Acetone	50	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	4	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	14	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

46422

Client No.

MW-120A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731001

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: Q6563.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 21 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

47422

Client No.

MW-120A

Site Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731001

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: Q6563.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 21.2

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	24	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-120B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731002Sample wt/vol: 5.19 (g/mL) GLab File ID: 06564.RRLevel: (low/med) LOWDate Samp/Recv: 07/11/2005 07/13/2005% Moisture: not dec. 15 Heated Purge: YDate Analyzed: 07/20/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	-----Chloromethane	11	U
74-83-9	-----Bromomethane	11	U
75-01-4	-----Vinyl chloride	11	U
75-00-3	-----Chloroethane	11	U
75-09-2	-----Methylene chloride	16	U
67-64-1	-----Acetone	7	J
75-15-0	-----Carbon Disulfide	11	U
75-35-4	-----1,1-Dichloroethene	11	U
75-34-3	-----1,1-Dichloroethane	11	U
67-66-3	-----Chloroform	11	U
107-06-2	-----1,2-Dichloroethane	11	U
78-93-3	-----2-Butanone	11	U
71-55-6	-----1,1,1-Trichloroethane	11	U
56-23-5	-----Carbon Tetrachloride	11	U
75-27-4	-----Bromodichloromethane	11	U
78-87-5	-----1,2-Dichloropropane	11	U
10061-01-5	-----cis-1,3-Dichloropropene	11	U
79-01-6	-----Trichloroethene	1	J U
124-48-1	-----Dibromochloromethane	11	U
79-00-5	-----1,1,2-Trichloroethane	11	U
71-43-2	-----Benzene	11	U
10061-02-6	-----trans-1,3-Dichloropropene	11	U
75-25-2	-----Bromoform	11	U
108-10-1	-----4-Methyl-2-pentanone	11	U
591-78-6	-----2-Hexanone	11	U
127-18-4	-----Tetrachloroethene	1	J
108-88-3	-----Toluene	11	U
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U
108-90-7	-----Chlorobenzene	11	U
100-41-4	-----Ethylbenzene	11	U
100-42-5	-----Styrene	11	U
1330-20-7	-----Total Xylenes	11	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
156-59-2	-----cis-1,2-Dichloroethene	1	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

49422

Client No.

MW-120B

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5731002

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: Q6564.RR

Level: (low/med) LOW

Date Samp/Recv: 07/11/2005 07/13/2005

% Moisture: not dec. 15 Heated Purge: Y

Date Analyzed: 07/20/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	11	U
75-71-8-----	Dichlorodifluoromethane	11	U
75-69-4-----	Trichlorofluoromethane	11	U
79-20-9-----	Methyl acetate	11	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7-----	Cyclohexane	11	U
108-87-2-----	Methylcyclohexane	11	U
106-93-4-----	1,2-Dibromoethane	11	U
98-82-8-----	Isopropylbenzene	11	U
541-73-1-----	1,3-Dichlorobenzene	11	U
106-46-7-----	1,4-Dichlorobenzene	11	U
95-50-1-----	1,2-Dichlorobenzene	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U
120-82-1-----	1,2,4-Trichlorobenzene	11	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-120B

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A5731002Sample wt/vol: 5.19 (g/mL) GLab File ID: Q6564.RRLevel: (low/med) LOWDate Samp/Recv: 07/11/2005 07/13/2005% Moisture: not dec. 14.7Date Analyzed: 07/20/2005GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	24	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
SOIL SURROGATE RECOVERY

Lab Name: STL Buffalo

Contract: _____

Lab Code: REGNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	BFB %REC #	DCE %REC #	TOL %REC #						TOT OUT
1	MSB08	A5B1105902	96	100	101						0
2	MSB09	A5B1111401	103	105	104						0
3	MW-115A	A5731010	101	103	99						0
4	MW-115B	A5731011	102	104	103						0
5	MW-115B	A5731011MS	102	105	102						0
6	MW-115B	A5731011SD	105	111	105						0
7	MW-116A	A5731012	102	106	105						0
8	MW-116B	A5731013	100	108	103						0
9	MW-117A	A5731008	89	86	87						0
10	MW-117B	A5731009	82	82	85						0
11	MW-118A	A5731005	80	89	91						0
12	MW-118B	A5731006	80	85	85						0
13	MW-118C	A5731007	81	86	84						0
14	MW-119A	A5731003	87	90	92						0
15	MW-119B	A5731004	89	89	91						0
16	MW-120A	A5731001	89	92	95						0
17	MW-120B	A5731002	89	91	92						0
18	VBLK08	A5B1105904	95	100	99						0
19	VBLK09	A5B1111402	101	104	104						0

QC LIMITS

BFB = p-Bromofluorobenzene
DCE = 1,2-Dichloroethane-D4
TOL = Toluene-D8

(59-113)
(70-121)
(84-138)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

STL Buffalo

10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A05-7481

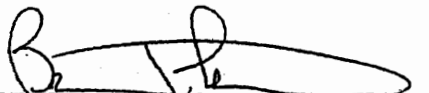
STL Project#: NY4A9341

Site Name: Delta Environmental Consultants, Inc.

Task: Geneva Site - soils

Mark Schumacher
Delta Environmental
104 Jamesville Rd.
Syracuse, NY 13214

STL Buffalo



Brian J. Fischer
Project Manager

08/09/2005

STL Buffalo **Current Certifications**

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0586
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	99B310390

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A5748106	MW-114A	SOIL	07/14/2005	10:30	07/15/2005	16:25
A5748107	MW-114B	SOIL	07/14/2005	10:40	07/15/2005	16:25
A5748107MS	MW-114B	SOIL	07/14/2005	10:40	07/15/2005	16:25
A5748107SD	MW-114B	SOIL	07/14/2005	10:40	07/15/2005	16:25
A5748101	MW-121A	SOIL	07/13/2005	10:40	07/15/2005	16:25
A5748102	MW-121B	SOIL	07/13/2005	10:50	07/15/2005	16:25
A5748116	MW-122A	SOIL	07/13/2005		07/15/2005	16:25
A5748117	MW-122B	SOIL	07/13/2005		07/15/2005	16:25
A5748108	MW-123A	SOIL	07/14/2005	14:00	07/15/2005	16:25
A5748109	MW-123B	SOIL	07/14/2005	14:05	07/15/2005	16:25
A5748114	SBA-12A	SOIL	07/14/2005	15:30	07/15/2005	16:25
A5748115	SBA-12B	SOIL	07/14/2005	15:35	07/15/2005	16:25
A5748110	SBC-16A	SOIL	07/14/2005	16:20	07/15/2005	16:25
A5748111	SBC-16B	SOIL	07/14/2005	16:25	07/15/2005	16:25
A5748112	SBE-11A	SOIL	07/14/2005	17:00	07/15/2005	16:25
A5748113	SBE-11B	SOIL	07/14/2005	17:20	07/15/2005	16:25
A5748103	SED-1	SOIL	07/13/2005	11:25	07/15/2005	16:25
A5748104	SED-2	SOIL	07/13/2005	11:15	07/15/2005	16:25
A5748105	SED-3	SOIL	07/13/2005	11:00	07/15/2005	16:25

METHODS SUMMARY

Job#: A05-7481STL Project#: NY4A9341Site Name: Delta Environmental Consultants, Inc.

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
DELTA - SOIL ASP 2000/8260 - TCL VOLATILES	ASP00 8260

ASP00 "Analytical Services Protocol", New York State Department of Conservation,
June 2000.

NON-CONFORMANCE SUMMARY

Job#: A05-7481STL Project#: NY4A9341Site Name: Delta Environmental Consultants, Inc.General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-7481

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

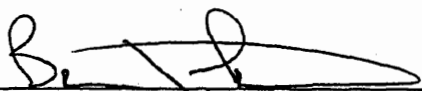
Volumes for MW-122A and MW-122B (7/13/05) were received but do not appear on the Chain of Custody.

GC/MS Volatile Data

The analyte Acetone was detected in Method Blank VBLK10 (A5B1112502) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Brian J. Fischer
Project Manager

8-9-05

Date

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
MW-114A	A5748106	ASP00	-	-	-	-	-	-
MW-114B	A5748107	ASP00	-	-	-	-	-	-
MW-121A	A5748101	ASP00	-	-	-	-	-	-
MW-121B	A5748102	ASP00	-	-	-	-	-	-
MW-122A	A5748116	ASP00	-	-	-	-	-	-
MW-122B	A5748117	ASP00	-	-	-	-	-	-
MW-123A	A5748108	ASP00	-	-	-	-	-	-
MW-123B	A5748109	ASP00	-	-	-	-	-	-
SBA-12A	A5748114	ASP00	-	-	-	-	-	-
SBA-12B	A5748115	ASP00	-	-	-	-	-	-
SBC-16A	A5748110	ASP00	-	-	-	-	-	-
SBC-16B	A5748111	ASP00	-	-	-	-	-	-
SBE-11A	A5748112	ASP00	-	-	-	-	-	-
SBE-11B	A5748113	ASP00	-	-	-	-	-	-
SED-1	A5748103	ASP00	-	-	-	-	-	-
SED-2	A5748104	ASP00	-	-	-	-	-	-
SED-3	A5748105	ASP00	-	-	-	-	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
MW-114A	SOIL	07/14/2005	07/15/2005	-	07/22/2005
MW-114B	SOIL	07/14/2005	07/15/2005	-	07/22/2005
MW-121A	SOIL	07/13/2005	07/15/2005	-	07/22/2005
MW-121B	SOIL	07/13/2005	07/15/2005	-	07/22/2005
MW-122A	SOIL	07/13/2005	07/15/2005	-	07/23/2005
MW-122B	SOIL	07/13/2005	07/15/2005	-	07/23/2005
MW-123A	SOIL	07/14/2005	07/15/2005	-	07/22/2005
MW-123B	SOIL	07/14/2005	07/15/2005	-	07/22/2005
SBA-12A	SOIL	07/14/2005	07/15/2005	-	07/22/2005
SBA-12B	SOIL	07/14/2005	07/15/2005	-	07/22/2005
SBC-16A	SOIL	07/14/2005	07/15/2005	-	07/22/2005
SBC-16B	SOIL	07/14/2005	07/15/2005	-	07/22/2005
SBE-11A	SOIL	07/14/2005	07/15/2005	-	07/22/2005
SBE-11B	SOIL	07/14/2005	07/15/2005	-	07/22/2005
SED-1	SOIL	07/13/2005	07/15/2005	-	07/22/2005
SED-2	SOIL	07/13/2005	07/15/2005	-	07/22/2005
SED-3	SOIL	07/13/2005	07/15/2005	-	07/22/2005

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
MW-114A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-114B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-121A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-121B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-122A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-122B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-123A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
MW-123B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
SBA-12A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
SBA-12B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
SBC-16A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
SBC-16B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
SBE-11A	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
SBE-11B	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
SED-1	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
SED-2	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED
SED-3	SOIL	ASP00	-	AS REQUIRED	AS REQUIRED

Sample Data Summary Package

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

12\411

Client No.

MW-114A

o Name: STL Buffalo Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748106

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: 06612.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 25 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene chloride	7	J
67-64-1-----	Acetone	13	U
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	13	U
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	13	U
71-55-6-----	1,1,1-Trichloroethane	6	J
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
10061-01-5----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	160	
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6----	trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	51	
108-88-3-----	Toluene	13	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7-----	Total Xylenes	13	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
156-59-2-----	cis-1,2-Dichloroethene	30	

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

13\411

Client No.

MW-114A

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748106

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: Q6612.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 25 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	2	J
75-71-8-----	Dichlorodifluoromethane	13	U
75-69-4-----	Trichlorofluoromethane	13	U
79-20-9-----	Methyl acetate	13	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	13	U
110-82-7-----	Cyclohexane	13	U
108-87-2-----	Methylcyclohexane	13	U
106-93-4-----	1,2-Dibromoethane	13	U
98-82-8-----	Isopropylbenzene	13	U
541-73-1-----	1,3-Dichlorobenzene	13	U
106-46-7-----	1,4-Dichlorobenzene	13	U
95-50-1-----	1,2-Dichlorobenzene	13	U
96-12-8-----	1,2-Dibromo-3-chloropropane	13	U
120-82-1-----	1,2,4-Trichlorobenzene	13	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

14/411

Client No.

MW-114A

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748106

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: Q6612.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 25.3

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	19	BJN
2.	UNKNOWN SILICON COMPOUND	10.22	10	BJ

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

15411

Client No.

MW-114B

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748107

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: Q6613.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	7	J
67-64-1-----	Acetone	2	B ⁺ U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	5	J
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	8	J
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

16411

Client No.

MW-114B

o Name: STL Buffalo

Contract: _____

Lab Code: REONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748107

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: Q6613.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

17411

Client No.

MW-114B

Site Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748107

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: Q6613.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 16.8

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	22	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

18\411

Client No.

MW-121A

Lab Name: STL Buffalo

Contract: _____

Lab Code: REQNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748101

Sample wt/vol: 5.02 (g/mL) G

Lab File ID: Q6607.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 14 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	12	U
67-64-1-----	Acetone	12	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

19411

Client No.

MW-121A

Site Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748101

Sample wt/vol: 5.02 (g/mL) G

Lab File ID: Q6607.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 14 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	2	J
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

20\411

Client No.

MW-121A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748101

Sample wt/vol: 5.02 (g/mL) G

Lab File ID: Q6607.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 13.8

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	19	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

21/411

Client No.

MW-121B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748102

Sample wt/vol: 5.06 (g/mL) G

Lab File ID: Q6608.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 21 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	8	J
67-64-1-----	Acetone	4	B U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	2	J
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	3	J
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	3	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

22\411

Client No.

MW-121B

Lab Name: STL Buffalo

Contract: _____

Lab Code: REQNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748102

Sample wt/vol: 5.06 (g/mL) G

Lab File ID: Q6608.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 21 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

23411

Client No.

MW-121B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748102

Sample wt/vol: 5.06 (g/mL) G

Lab File ID: 06608.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 21.3

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	17	BJN
2.	UNKNOWN SILICON COMPOUND	10.22	7	BJ

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

24411

Client No.

MW-122A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748116

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: Q6634.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/23/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	11	J
67-64-1-----	Acetone	12	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

25411

Client No.

MW-122A

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748116

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: Q6634.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/23/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

26411

Client No.

MW-122A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748116

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: Q6634.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 16.9

Date Analyzed: 07/23/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	17	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

27411

Client No.

MW-122B

Job Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748117

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q6635.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/23/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	12	
67-64-1-----	Acetone	4	J
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	2	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

28411

Client No.

MW-122B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748117

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q6635.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/23/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

29\411

Client No.

MW-122B

Site Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748117

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q6635.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 17.5

Date Analyzed: 07/23/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	18	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

30411

Client No.

MW-123A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748108

Sample wt/vol: 5.15 (g/mL) G

Lab File ID: Q6616.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 21 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3	-----Chloromethane	12	U	
74-83-9	-----Bromomethane	12	U	
75-01-4	-----Vinyl chloride	12	U	
75-00-3	-----Chloroethane	12	U	
75-09-2	-----Methylene chloride	6	J	
67-64-1	-----Acetone	4	BTU	
75-15-0	-----Carbon Disulfide	12	U	
75-35-4	-----1,1-Dichloroethene	35		
75-34-3	-----1,1-Dichloroethane	160		
67-66-3	-----Chloroform	12	U	
107-06-2	-----1,2-Dichloroethane	12	U	
78-93-3	-----2-Butanone	12	U	
71-55-6	-----1,1,1-Trichloroethane	12	U	
56-23-5	-----Carbon Tetrachloride	12	U	
75-27-4	-----Bromodichloromethane	12	U	
78-87-5	-----1,2-Dichloropropane	12	U	
10061-01-5	-----cis-1,3-Dichloropropene	12	U	
79-01-6	-----Trichloroethene	5	J	
124-48-1	-----Dibromochloromethane	12	U	
79-00-5	-----1,1,2-Trichloroethane	12	U	
71-43-2	-----Benzene	12	U	
10061-02-6	-----trans-1,3-Dichloropropene	12	U	
75-25-2	-----Bromofom	12	U	
108-10-1	-----4-Methyl-2-pentanone	12	U	
591-78-6	-----2-Hexanone	12	U	
127-18-4	-----Tetrachloroethene	17		
108-88-3	-----Toluene	12	U	
79-34-5	-----1,1,2,2-Tetrachloroethane	12	U	
108-90-7	-----Chlorobenzene	12	U	
100-41-4	-----Ethylbenzene	12	U	
100-42-5	-----Styrene	12	U	
1330-20-7	-----Total Xylenes	12	U	
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	12	U	
156-59-2	-----cis-1,2-Dichloroethene	4	J	

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

31\411

Client No.

MW-123A

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748108

Sample wt/vol: 5.15 (g/mL) G

Lab File ID: Q6616.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 21 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

32\411

Client No.

MW-123A

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748108

Sample wt/vol: 5.15 (g/mL) G

Lab File ID: 06616.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 21.4

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	20	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

33\411

Client No.

MW-123B

Site Name: STL Buffalo

Contract: _____

Lab Code: RBCNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748109

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: Q6617.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	5	J
67-64-1-----	Acetone	4	B J
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	21	
75-34-3-----	1,1-Dichloroethane	140	
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	3	J
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	1	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

34/411

Client No.

MW-123B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748109

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: Q6617.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 17 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

35411

Client No.

MW-123B

Site Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748109

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: Q6617.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 16.9

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	15	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

36411

Client No.

SBA-12A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748114

Sample wt/vol: 5.15 (g/mL) G

Lab File ID: Q6622.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 19 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	6	J
67-64-1-----	Acetone	2	JS U
75-15-0-----	Carbon Disulfide	2	J
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

37411

Client No.

SBA-12A

Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748114

Sample wt/vol: 5.15 (g/mL) G

Lab File ID: 06622.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 19 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5	trans-1,2-Dichloroethene	12	U
75-71-8	Dichlorodifluoromethane	3	U
75-69-4	Trichlorofluoromethane	12	U
79-20-9	Methyl acetate	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7	Cyclohexane	12	U
108-87-2	Methylcyclohexane	12	U
106-93-4	1,2-Dibromomethane	12	U
98-82-8	Isopropylbenzene	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

38411

Client No.

SBA-12A

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748114

Sample wt/vol: 5.15 (g/mL) G

Lab File ID: Q6622.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 18.8

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	21	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

39\411

Client No.

SBA-12B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748115

Sample wt/vol: 5.02 (g/mL) G

Lab File ID: Q6623.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 25 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene chloride	8	J
67-64-1-----	Acetone	19	B ^U
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	13	U
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	6	J
71-55-6-----	1,1,1-Trichloroethane	13	U
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
10061-01-5----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	13	U
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6----	trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	13	U
108-88-3-----	Toluene	13	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7----	Total Xylenes	13	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
156-59-2-----	cis-1,2-Dichloroethene	13	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

40\411

Client No.

SBA-12B

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748115

Sample wt/vol: 5.02 (g/mL) G

Lab File ID: 06623.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 25 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	13	U
75-71-8-----	Dichlorodifluoromethane	13	U
75-69-4-----	Trichlorofluoromethane	13	U
79-20-9-----	Methyl acetate	13	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	13	U
110-82-7-----	Cyclohexane	13	U
108-87-2-----	Methylcyclohexane	13	U
106-93-4-----	1,2-Dibromomethane	13	U
98-82-8-----	Isopropylbenzene	13	U
541-73-1-----	1,3-Dichlorobenzene	13	U
106-46-7-----	1,4-Dichlorobenzene	13	U
95-50-1-----	1,2-Dichlorobenzene	13	U
96-12-8-----	1,2-Dibromo-3-chloropropane	13	U
120-82-1-----	1,2,4-Trichlorobenzene	13	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

41/411

Client No.

SBA-12B

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748115

Sample wt/vol: 5.02 (g/mL) G

Lab File ID: Q6623.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 24.6

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	19	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

42\411

Client No.

SBC-16A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748110

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q6618.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 25 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene chloride	13	U
67-64-1-----	Acetone	39	B
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	13	U
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	11	J
71-55-6-----	1,1,1-Trichloroethane	13	U
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
10061-01-5----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	13	U
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6----	trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	13	U
108-88-3-----	Toluene	13	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7-----	Total Xylenes	13	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
156-59-2-----	cis-1,2-Dichloroethene	13	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

43411

Client No.

SBC-16A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748110

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q6618.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 25 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	13	U
75-71-8-----	Dichlorodifluoromethane	13	U
75-69-4-----	Trichlorofluoromethane	13	U
79-20-9-----	Methyl acetate	13	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	13	U
110-82-7-----	Cyclohexane	13	U
108-87-2-----	Methylcyclohexane	13	U
106-93-4-----	1,2-Dibromoethane	13	U
98-82-8-----	Isopropylbenzene	13	U
541-73-1-----	1,3-Dichlorobenzene	13	U
106-46-7-----	1,4-Dichlorobenzene	13	U
95-50-1-----	1,2-Dichlorobenzene	13	U
96-12-8-----	1,2-Dibromo-3-chloropropane	13	U
120-82-1-----	1,2,4-Trichlorobenzene	13	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

44/411

Client No.

SBC-16A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748110

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q6618.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 25.5

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	19	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

45411

Client No.

SBC-16B

o Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748111

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: Q6619.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 20 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	8	J
67-64-1-----	Acetone	7	BTU
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	2	J
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	2	J
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	4	J
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	2	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

46411

Client No.

SBC-16B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748111

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: Q6619.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 20 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	12	U
75-71-8-----	Dichlorodifluoromethane	12	U
75-69-4-----	Trichlorofluoromethane	12	U
79-20-9-----	Methyl acetate	12	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7-----	Cyclohexane	12	U
108-87-2-----	Methylcyclohexane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
98-82-8-----	Isopropylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

47411

Client No.

SBC-16B

b Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748111

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: Q6619.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 20.1

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	16	BJN
2.	UNKNOWN SILICON COMPOUND	10.22	8	BJ

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

48411

Client No.

SBE-11A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748112

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: O6620.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 18 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene chloride	8	J
67-64-1-----	Acetone	12	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	45	
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	2	J
108-88-3-----	Toluene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Total Xylenes	12	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2-----	cis-1,2-Dichloroethene	12	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

49\411

Client No.

SBE-11A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748112

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: Q6620.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 18 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5-----	trans-1,2-Dichloroethene	12	U	
75-71-8-----	Dichlorodifluoromethane	2	J	
75-69-4-----	Trichlorofluoromethane	12	U	
79-20-9-----	Methyl acetate	12	U	
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	12	U	
110-82-7-----	Cyclohexane	12	U	
108-87-2-----	Methylcyclohexane	12	U	
106-93-4-----	1,2-Dibromoethane	12	U	
98-82-8-----	Isopropylbenzene	12	U	
541-73-1-----	1,3-Dichlorobenzene	12	U	
106-46-7-----	1,4-Dichlorobenzene	12	U	
95-50-1-----	1,2-Dichlorobenzene	12	U	
96-12-8-----	1,2-Dibromo-3-chloropropane	12	U	
120-82-1-----	1,2,4-Trichlorobenzene	12	U	

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

50411

Client No.

SBE-11A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748112

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: Q6620.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 17.9

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	15	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

51411

Client No.

SBE-11B

Sample Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748113

Sample wt/vol: 5.13 (g/mL) G

Lab File ID: Q6621.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 11 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene chloride	6	J
67-64-1-----	Acetone	3	BU
75-15-0-----	Carbon Disulfide	11	U
75-35-4-----	1,1-Dichloroethene	11	U
75-34-3-----	1,1-Dichloroethane	11	U
67-66-3-----	Chloroform	11	U
107-06-2-----	1,2-Dichloroethane	11	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane	11	U
56-23-5-----	Carbon Tetrachloride	11	U
75-27-4-----	Bromodichloromethane	11	U
78-87-5-----	1,2-Dichloropropane	11	U
10061-01-5----	cis-1,3-Dichloropropene	11	U
79-01-6-----	Trichloroethene	5	J
124-48-1-----	Dibromochloromethane	11	U
79-00-5-----	1,1,2-Trichloroethane	11	U
71-43-2-----	Benzene	11	U
10061-02-6----	trans-1,3-Dichloropropene	11	U
75-25-2-----	Bromoform	11	U
108-10-1-----	4-Methyl-2-pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	11	U
108-88-3-----	Toluene	11	U
79-34-5-----	1,1,2,2-Tetrachloroethane	11	U
108-90-7-----	Chlorobenzene	11	U
100-41-4-----	Ethylbenzene	11	U
100-42-5-----	Styrene	11	U
1330-20-7-----	Total Xylenes	11	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
156-59-2-----	cis-1,2-Dichloroethene	11	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

52\411

Client No.

SBE-11B

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748113

Sample wt/vol: 5.13 (g/mL) G

Lab File ID: Q6621.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 11 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5	trans-1,2-Dichloroethene	11	U
75-71-8	Dichlorodifluoromethane	11	U
75-69-4	Trichlorofluoromethane	11	U
79-20-9	Methyl acetate	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7	Cyclohexane	11	U
108-87-2	Methylcyclohexane	11	U
106-93-4	1,2-Dibromoethane	11	U
98-82-8	Isopropylbenzene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

53411

Client No.

SBE-11B

b Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748113

Sample wt/vol: 5.13 (g/mL) G

Lab File ID: Q6621.RR

Level: (low/med) LOW

Date Samp/Recv: 07/14/2005 07/15/2005

% Moisture: not dec. 10.9

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	16	BJN

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

54411

Client No.

SED-1

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748103

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: Q6609.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	20	U
74-83-9-----	Bromomethane	20	U
75-01-4-----	Vinyl chloride	20	U
75-00-3-----	Chloroethane	20	U
75-09-2-----	Methylene chloride	20	U
67-64-1-----	Acetone	20	U
75-15-0-----	Carbon Disulfide	20	U
75-35-4-----	1,1-Dichloroethene	20	U
75-34-3-----	1,1-Dichloroethane	20	U
67-66-3-----	Chloroform	20	U
107-06-2-----	1,2-Dichloroethane	20	U
78-93-3-----	2-Butanone	20	U
71-55-6-----	1,1,1-Trichloroethane	20	U
56-23-5-----	Carbon Tetrachloride	20	U
75-27-4-----	Bromodichloromethane	20	U
78-87-5-----	1,2-Dichloropropane	20	U
10061-01-5----	cis-1,3-Dichloropropene	20	U
79-01-6-----	Trichloroethene	20	U
124-48-1-----	Dibromochloromethane	20	U
79-00-5-----	1,1,2-Trichloroethane	20	U
71-43-2-----	Benzene	20	U
10061-02-6----	trans-1,3-Dichloropropene	20	U
75-25-2-----	Bromoform	20	U
108-10-1-----	4-Methyl-2-pentanone	20	U
591-78-6-----	2-Hexanone	20	U
127-18-4-----	Tetrachloroethene	20	U
108-88-3-----	Toluene	20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	20	U
108-90-7-----	Chlorobenzene	20	U
100-41-4-----	Ethylbenzene	20	U
100-42-5-----	Styrene	20	U
1330-20-7-----	Total Xylenes	20	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
156-59-2-----	cis-1,2-Dichloroethene	20	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

55411

Client No.

SED-1

Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748103

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: Q6609.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	20	U
75-71-8-----	Dichlorodifluoromethane	20	U
75-69-4-----	Trichlorofluoromethane	20	U
79-20-9-----	Methyl acetate	20	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	20	U
110-82-7-----	Cyclohexane	20	U
108-87-2-----	Methylcyclohexane	20	U
106-93-4-----	1,2-Dibromoethane	20	U
98-82-8-----	Isopropylbenzene	20	U
541-73-1-----	1,3-Dichlorobenzene	20	U
106-46-7-----	1,4-Dichlorobenzene	20	U
95-50-1-----	1,2-Dichlorobenzene	20	U
96-12-8-----	1,2-Dibromo-3-chloropropane	20	U
120-82-1-----	1,2,4-Trichlorobenzene	20	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

56411

Client No.

SED-1

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748103

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: 06609.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 51.1

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	30	BJN
2.	UNKNOWN SILICON COMPOUND	10.22	20	BJ

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

57411

Client No.

SED-2

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748104

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: Q6610.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 34 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	15	U
74-83-9	Bromomethane	15	U
75-01-4	Vinyl chloride	2	J
75-00-3	Chloroethane	15	U
75-09-2	Methylene chloride	9	J
67-64-1	Acetone	15	U
75-15-0	Carbon Disulfide	15	U
75-35-4	1,1-Dichloroethene	15	U
75-34-3	1,1-Dichloroethane	24	
67-66-3	Chloroform	15	U
107-06-2	1,2-Dichloroethane	15	U
78-93-3	2-Butanone	15	U
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
75-27-4	Bromodichloromethane	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
79-01-6	Trichloroethene	15	U
124-48-1	Dibromochloromethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
71-43-2	Benzene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
75-25-2	Bromoform	15	U
108-10-1	4-Methyl-2-pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	15	U
108-88-3	Toluene	15	U
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	U
100-42-5	Styrene	15	U
1330-20-7	Total Xylenes	15	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U
156-59-2	cis-1,2-Dichloroethene	3	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

58411

Client No.

SED-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748104

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: Q6610.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 34 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5	trans-1,2-Dichloroethene	15	U
75-71-8	Dichlorodifluoromethane	15	U
75-69-4	Trichlorofluoromethane	15	U
79-20-9	Methyl acetate	15	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	15	U
110-82-7	Cyclohexane	15	U
108-87-2	Methylcyclohexane	15	U
106-93-4	1,2-Dibromoethane	15	U
98-82-8	Isopropylbenzene	15	U
541-73-1	1,3-Dichlorobenzene	15	U
106-46-7	1,4-Dichlorobenzene	15	U
95-50-1	1,2-Dichlorobenzene	15	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U
120-82-1	1,2,4-Trichlorobenzene	15	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

59411

Client No.

SED-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748104

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: Q6610.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 34.3

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.94	26	BJN
2.	UNKNOWN SILICON COMPOUND	10.22	23	BJ

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

60411

Client No.

SED-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748105

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: Q6611.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 40 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	16	U
74-83-9-----	Bromomethane	16	U
75-01-4-----	Vinyl chloride	16	U
75-00-3-----	Chloroethane	16	U
75-09-2-----	Methylene chloride	10	J
67-64-1-----	Acetone	31	U
75-15-0-----	Carbon Disulfide	3	J
75-35-4-----	1,1-Dichloroethene	16	U
75-34-3-----	1,1-Dichloroethane	6	J
67-66-3-----	Chloroform	16	U
107-06-2-----	1,2-Dichloroethane	16	U
78-93-3-----	2-Butanone	11	J
71-55-6-----	1,1,1-Trichloroethane	16	U
56-23-5-----	Carbon Tetrachloride	16	U
75-27-4-----	Bromodichloromethane	16	U
78-87-5-----	1,2-Dichloropropane	16	U
10061-01-5----	cis-1,3-Dichloropropene	16	U
79-01-6-----	Trichloroethene	5	J
124-48-1-----	Dibromochloromethane	16	U
79-00-5-----	1,1,2-Trichloroethane	16	U
71-43-2-----	Benzene	16	U
10061-02-6----	trans-1,3-Dichloropropene	16	U
75-25-2-----	Bromoform	16	U
108-10-1-----	4-Methyl-2-pentanone	16	U
591-78-6-----	2-Hexanone	16	U
127-18-4-----	Tetrachloroethene	4	J
108-88-3-----	Toluene	16	U
79-34-5-----	1,1,2,2-Tetrachloroethane	16	U
108-90-7-----	Chlorobenzene	16	U
100-41-4-----	Ethylbenzene	16	U
100-42-5-----	Styrene	16	U
1330-20-7-----	Total Xylenes	16	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	16	U
156-59-2-----	cis-1,2-Dichloroethene	10	J

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

61/411

Client No.

SED-3

Sample Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748105

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: Q6611.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 40 Heated Purge: Y

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5-----	trans-1,2-Dichloroethene	16	U
75-71-8-----	Dichlorodifluoromethane	2	U
75-69-4-----	Trichlorofluoromethane	16	U
79-20-9-----	Methyl acetate	16	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	16	U
110-82-7-----	Cyclohexane	16	U
108-87-2-----	Methylcyclohexane	16	U
106-93-4-----	1,2-Dibromoethane	16	U
98-82-8-----	Isopropylbenzene	16	U
541-73-1-----	1,3-Dichlorobenzene	16	U
106-46-7-----	1,4-Dichlorobenzene	16	U
95-50-1-----	1,2-Dichlorobenzene	16	U
96-12-8-----	1,2-Dibromo-3-chloropropane	16	U
120-82-1-----	1,2,4-Trichlorobenzene	16	U

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

62\411

Client No.

SED-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A5748105

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: 06611.RR

Level: (low/med) LOW

Date Samp/Recv: 07/13/2005 07/15/2005

% Moisture: not dec. 39.5

Date Analyzed: 07/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.95	28	BJN
2.	UNKNOWN SILICON COMPOUND	10.22	15	BJ

DELTA - SOIL ASP 2000/8260 - TCL VOLATILES
SOIL SURROGATE RECOVERY

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECHY

Case No.: _____

SAS No.: _____

SDG No.: _____

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	BFB %REC #	DCE %REC #	TOL %REC #						TOT OUT
1	MSB10	A5B1112501	97	99	101						0
2	MSB11	A5B1115501	98	104	101						0
3	MW-114A	A5748106	97	103	102						0
4	MW-114B	A5748107	93	100	100						0
5	MW-114B	A5748107MS	95	100	97						0
6	MW-114B	A5748107SD	101	104	102						0
7	MW-121A	A5748101	96	101	100						0
8	MW-121B	A5748102	99	102	102						0
9	MW-122A	A5748116	95	104	97						0
10	MW-122B	A5748117	98	103	101						0
11	MW-123A	A5748108	97	103	100						0
12	MW-123B	A5748109	96	105	100						0
13	SBA-12A	A5748114	91	101	99						0
14	SBA-12B	A5748115	94	103	94						0
15	SBC-16A	A5748110	96	102	100						0
16	SBC-16B	A5748111	100	103	99						0
17	SBE-11A	A5748112	97	102	98						0
18	SBE-11B	A5748113	95	98	96						0
19	SED-1	A5748103	99	106	106						0
20	SED-2	A5748104	93	99	103						0
21	SED-3	A5748105	96	101	102						0
22	VBLK10	A5B1112502	100	100	101						0
23	VBLK11	A5B1115502	94	102	99						0

QC LIMITS

BFB = p-Bromofluorobenzene
DCE = 1,2-Dichloroethane-D4
TOL = Toluene-D8

(59-113)
(70-121)
(84-138)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

STL Buffalo

10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A05-B766

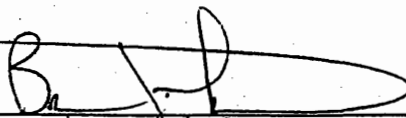
STL Project#: NY4A9341

Site Name: Delta Environmental Consultants, Inc.

Task: Geneva Site - water

Mark Schumacher
Delta Environmental
104 Jamesville Rd.
Syracuse, NY 13214

STL Buffalo



Brian J. Fischer
Project Manager

11/01/2005

STL Buffalo

Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	EB7672
Georgia	SDWA	986
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED		RECEIVED	
			DATE	TIME	DATE	TIME
A5B76605	MW-114	WATER	10/18/2005	11:00	10/20/2005	07:15
A5B76604	MW-115	WATER	10/18/2005	10:20	10/20/2005	07:15
A5B76606	MW-116	WATER	10/18/2005	11:20	10/20/2005	07:15
A5B76601	MW-117	WATER	10/18/2005	09:45	10/20/2005	07:15
A5B76601MS	MW-117	WATER	10/18/2005	09:45	10/20/2005	07:15
A5B76601SD	MW-117	WATER	10/18/2005	09:45	10/20/2005	07:15
A5B76602	MW-117A	WATER	10/18/2005	09:45	10/20/2005	07:15
A5B76603	MW-118	WATER	10/18/2005	09:45	10/20/2005	07:15
A5B76607	MW-119	WATER	10/18/2005	11:35	10/20/2005	07:15
A5B76608	MW-120	WATER	10/18/2005	11:50	10/20/2005	07:15
A5B76609	MW-121	WATER	10/18/2005	13:30	10/20/2005	07:15
A5B76610	MW-122	WATER	10/18/2005	14:00	10/20/2005	07:15
A5B76611	MW-123	WATER	10/18/2005	14:35	10/20/2005	07:15
A5B76612	SW-1	WATER	10/18/2005	13:45	10/20/2005	07:15
A5B76613	SW-2	WATER	10/18/2005	14:00	10/20/2005	07:15
A5B76614	SW-3	WATER	10/18/2005	14:15	10/20/2005	07:15

METHODS SUMMARY

Job#: A05-B766STL Project#: NY4A9341Site Name: Delta Environmental Consultants, Inc.

PARAMETER	ANALYTICAL METHOD
DELTA - AQ - ASP 2000/8260 - TCL VOLATILES	ASP00 8260
DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS	SW8463 8270
Aluminum - Total	ASP00 6010
Antimony - Total	ASP00 6010
Arsenic - Total	ASP00 6010
Barium - Total	ASP00 6010
Beryllium - Total	ASP00 6010
Cadmium - Total	ASP00 6010
Calcium - Total	ASP00 6010
Chromium - Total	ASP00 6010
Cobalt - Total	ASP00 6010
Copper - Total	ASP00 6010
Iron - Total	ASP00 6010
Lead - Total	ASP00 6010
Magnesium - Total	ASP00 6010
Manganese - Total	ASP00 6010
Mercury - Total	ASP00 7470
Nickel - Total	ASP00 6010
Potassium - Total	ASP00 6010
Selenium - Total	ASP00 6010
Silver - Total	ASP00 6010
Sodium - Total	ASP00 6010
Thallium - Total	ASP00 6010
Vanadium - Total	ASP00 6010
Zinc - Total	ASP00 6010
MBAS - Surfactants	ASP00 425.1

ASP00 "Analytical Services Protocol", New York State Department of Conservation, June 2000.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A05-B766STL Project#: NY4A9341Site Name: Delta Environmental Consultants, Inc.General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-B766

Sample Cooler(s) were received at the following temperature(s); 4@2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

The recovery of sample MW-117 Matrix Spike exhibited results below the quality control limits for Mercury. Sample matrix is suspect. The RPD between sample MW-117 Matrix Spike and Matrix Spike Duplicate exceeded quality control limits for Mercury. However, the LCS was acceptable.

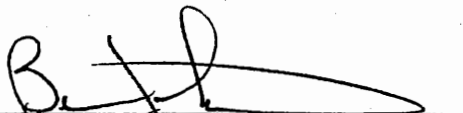
The recovery of sample MW-117 Matrix Spike and Matrix Spike Duplicate exhibited results above the quality control limits for Iron. The sample result is more than four times greater than the spike added. The LFB is acceptable.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Brian J. Fischer
Project Manager

11-2-05

Date



DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates the spike or duplicate analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 11/01/2005
Time: 13:54:59

Dilution Log w/Code Information
For Job A05-B766

8/864
Page: 1
Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
MW-117	A5B76601	MBAS - Surfactants	4.00	010
MW-117	A5B76601MS	MBAS - Surfactants	4.00	010
MW-117	A5B76601SD	MBAS - Surfactants	4.00	010
MW-117A	A5B76602	MBAS - Surfactants	4.00	010
MW-118	A5B76603	MBAS - Surfactants	10.00	008
MW-118	A5B76603DL	8260	25.00	008
MW-116	A5B76606DL	8260	25.00	008
MW-122	A5B76610DL	8260	25.00	008
MW-123	A5B76611DL	8260	2.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

10/864

Client No.

MW-114

b Name: STL Buffalo

Contract: _____

Lab Code: REQNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76605

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8357.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
74-87-3	-----Chloromethane	U
74-83-9	-----Bromomethane	U
75-01-4	-----Vinyl chloride	U
75-00-3	-----Chloroethane	U
75-09-2	-----Methylene chloride	U
67-64-1	-----Acetone	U
75-15-0	-----Carbon Disulfide	U
75-35-4	-----1,1-Dichloroethene	U
75-34-3	-----1,1-Dichloroethane	J
67-66-3	-----Chloroform	U
107-06-2	-----1,2-Dichloroethane	U
78-93-3	-----2-Butanone	U
71-55-6	-----1,1,1-Trichloroethane	J
56-23-5	-----Carbon Tetrachloride	U
75-27-4	-----Bromodichloromethane	U
78-87-5	-----1,2-Dichloropropane	U
10061-01-5	-----cis-1,3-Dichloropropene	U
79-01-6	-----Trichloroethene	24
124-48-1	-----Dibromochloromethane	U
79-00-5	-----1,1,2-Trichloroethane	U
71-43-2	-----Benzene	U
10061-02-6	-----trans-1,3-Dichloropropene	U
75-25-2	-----Bromoform	U
108-10-1	-----4-Methyl-2-pentanone	U
591-78-6	-----2-Hexanone	U
127-18-4	-----Tetrachloroethene	37
108-88-3	-----Toluene	U
79-34-5	-----1,1,2,2-Tetrachloroethane	U
108-90-7	-----Chlorobenzene	U
100-41-4	-----Ethylbenzene	U
100-42-5	-----Styrene	U
1330-20-7	-----Total Xylenes	U
75-71-8	-----Dichlorodifluoromethane	U R
75-69-4	-----Trichlorofluoromethane	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

11/864

Client No.

MW-114

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76605

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8357.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	4	J
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

12/864

Client No.

MW-114

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76605

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8357.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

13/864

Client No.

MW-115

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76604

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8376.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	8	J
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	9	J
75-34-3-----	1,1-Dichloroethane	50	
67-66-3-----	Chloroform	1	J
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	38	
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	11	
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	34	
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

14/864

Client No.

MW-115

b Name: SIL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76604

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8376.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	15	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

15/864

Client No.

MW-115

Lab Name: STL Buffalo Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76604

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8376.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

16/864

Client No.

MW-116

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76606

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8358.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	11	
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	38	
75-34-3-----	1,1-Dichloroethane	11	
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	630	E J
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	130	
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	1600	E J
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U R
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

17/864

Client No.

MW-116

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76606

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8358.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10		U
156-60-5-----	trans-1,2-Dichloroethene	2		J
1634-04-4-----	Methyl-t-Butyl Ether (MIBE)	10		U
156-59-2-----	cis-1,2-Dichloroethene	140		
110-82-7-----	Cyclohexane	10		U
108-87-2-----	Methylcyclohexane	10		U
106-93-4-----	1,2-Dibromoethane	10		U
98-82-8-----	Isopropylbenzene	10		U
541-73-1-----	1,3-Dichlorobenzene	10		U
106-46-7-----	1,4-Dichlorobenzene	10		U
95-50-1-----	1,2-Dichlorobenzene	10		U
96-12-8-----	1,2-Dibromo-3-chloropropane	10		U
120-82-1-----	1,2,4-Trichlorobenzene	10		U
79-20-9-----	Methyl acetate	10		U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

18/864

Client No.

MW-116

Job Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76606

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8358.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

19/864

Client No.

MW-116 DL

b Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76606DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8377.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	250	U
74-83-9-----	Bromomethane	250	U
75-01-4-----	Vinyl chloride	250	U
75-00-3-----	Chloroethane	250	U
75-09-2-----	Methylene chloride	250	U
67-64-1-----	Acetone	250	U
75-15-0-----	Carbon Disulfide	250	U
75-35-4-----	1,1-Dichloroethene	250	U
75-34-3-----	1,1-Dichloroethane	250	U
67-66-3-----	Chloroform	250	U
107-06-2-----	1,2-Dichloroethane	250	U
78-93-3-----	2-Butanone	250	U
71-55-6-----	1,1,1-Trichloroethane	440	D
56-23-5-----	Carbon Tetrachloride	250	U
75-27-4-----	Bromodichloromethane	250	U
78-87-5-----	1,2-Dichloropropane	250	U
10061-01-5----	cis-1,3-Dichloropropene	250	U
79-01-6-----	Trichloroethene	84	DJ
124-48-1-----	Dibromochloromethane	250	U
79-00-5-----	1,1,2-Trichloroethane	250	U
71-43-2-----	Benzene	250	U
10061-02-6----	trans-1,3-Dichloropropene	250	U
75-25-2-----	Bromoform	250	U
108-10-1-----	4-Methyl-2-pentanone	250	U
591-78-6-----	2-Hexanone	250	U
127-18-4-----	Tetrachloroethene	1100	D
108-88-3-----	Toluene	250	U
79-34-5-----	1,1,2,2-Tetrachloroethane	250	U
108-90-7-----	Chlorobenzene	250	U
100-41-4-----	Ethylbenzene	250	U
100-42-5-----	Styrene	250	U
1330-20-7-----	Total Xylenes	250	U
75-71-8-----	Dichlorodifluoromethane	250	U
75-69-4-----	Trichlorofluoromethane	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

20/864

Client No.

MW-116DL

b Name: SIL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76606DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8377.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
156-60-5-----	trans-1,2-Dichloroethene	250	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	250	U
156-59-2-----	cis-1,2-Dichloroethene	100	DJ
110-82-7-----	Cyclohexane	250	U
108-87-2-----	Methylcyclohexane	250	U
106-93-4-----	1,2-Dibromoethane	250	U
98-82-8-----	Isopropylbenzene	250	U
541-73-1-----	1,3-Dichlorobenzene	250	U
106-46-7-----	1,4-Dichlorobenzene	250	U
95-50-1-----	1,2-Dichlorobenzene	250	U
96-12-8-----	1,2-Dibromo-3-chloropropane	250	U
120-82-1-----	1,2,4-Trichlorobenzene	250	U
79-20-9-----	Methyl acetate	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

21/864

Client No.

MW-1161

Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76606DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8377.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

22/864

Client No.

MW-117

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76601

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8351.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	2	J
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	1	J
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	69	
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	58	
75-71-8-----	Dichlorodifluoromethane	10	UR
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

23/864

Client No.

MW-117

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76601

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8351.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	3	J
110-82-7-----	Cyclohexane	2	J
108-87-2-----	Methylcyclohexane	5	J
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	28	
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

24/864

Client No.

MW-117

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76601

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8351.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 10

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN BENZENE DERIVATIVE	9.79	97	J
2.	UNKNOWN BENZENE DERIVATIVE	9.86	61	J
3.	UNKNOWN BENZENE DERIVATIVE	10.05	140	J
4.	UNKNOWN BENZENE DERIVATIVE	10.21	250	J
5.	UNKNOWN BENZENE DERIVATIVE	10.58	130	J
6. 496-11-7	INDANE	10.76	150	JN
7.	UNKNOWN BENZENE DERIVATIVE	11.79	89	J
8. 119-64-2	1,2,3,4-TETRAHYDRONAPHTHALEN	11.95	58	JN
9. 91-20-3	NAPHTHALENE	12.30	110	JN
10.	UNKNOWN	13.28	130	J

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

25/864

Client No.

MW-117A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76602

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8354.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	2	J
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	1	J
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	68	
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	58	
75-71-8-----	Dichlorodifluoromethane	10	UR
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

26/864

Client No.

MW-117A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76602

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8354.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
156-60-5-----	trans-1,2-Dichloroethene	10	U	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U	
156-59-2-----	cis-1,2-Dichloroethene	3	J	
110-82-7-----	Cyclohexane	2	J	
108-87-2-----	Methylcyclohexane	5	J	
106-93-4-----	1,2-Dibromoethane	10	U	
98-82-8-----	Isopropylbenzene	28		
541-73-1-----	1,3-Dichlorobenzene	10	U	
106-46-7-----	1,4-Dichlorobenzene	10	U	
95-50-1-----	1,2-Dichlorobenzene	10	U	
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U	
120-82-1-----	1,2,4-Trichlorobenzene	10	U	
79-20-9-----	Methyl acetate	10	U	

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

27/864

Client No.

MW-117A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76602

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8354.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN BENZENE DERIVATIVE	9.79	71	J
2.	UNKNOWN BENZENE DERIVATIVE	9.86	60	J
3.	UNKNOWN BENZENE DERIVATIVE	10.06	160	J
4.	UNKNOWN BENZENE DERIVATIVE	10.21	250	J
5.	UNKNOWN BENZENE DERIVATIVE	10.58	130	J
6. 496-11-7	INDANE	10.76	140	JN
7.	UNKNOWN BENZENE DERIVATIVE	11.79	82	J
8.	UNKNOWN ARKANE	11.81	66	J
9. 91-20-3	NAPHTHALENE	12.30	110	JN
10.	UNKNOWN	13.28	130	J

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

28/864

Client No.

MW-118

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76603

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8355.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		570	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		110	
75-34-3	1,1-Dichloroethane		280	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		510	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		1100	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		48	
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		1700	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

29/864

Client No.

MW-118

b Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76603

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8355.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10		U
156-60-5-----	trans-1,2-Dichloroethene	14		
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10		U
156-59-2-----	cis-1,2-Dichloroethene	1400		U J
110-82-7-----	Cyclohexane	10		U
108-87-2-----	Methylcyclohexane	10		U
106-93-4-----	1,2-Dibromoethane	10		U
98-82-8-----	Isopropylbenzene	10		U
541-73-1-----	1,3-Dichlorobenzene	10		U
106-46-7-----	1,4-Dichlorobenzene	10		U
95-50-1-----	1,2-Dichlorobenzene	10		U
96-12-8-----	1,2-Dibromo-3-chloropropane	10		U
120-82-1-----	1,2,4-Trichlorobenzene	10		U
79-20-9-----	Methyl acetate	10		U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

30/864

Client No.

MW-118

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76603

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8355.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	10.01	30	J

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

31/864

Client No.

MW-118 DL

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76603DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8375.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	250	U
74-83-9-----	Bromomethane	250	U
75-01-4-----	Vinyl chloride	510	D
75-00-3-----	Chloroethane	250	U
75-09-2-----	Methylene chloride	250	U
67-64-1-----	Acetone	250	U
75-15-0-----	Carbon Disulfide	250	U
75-35-4-----	1,1-Dichloroethene	90	DJ
75-34-3-----	1,1-Dichloroethane	250	D
67-66-3-----	Chloroform	250	U
107-06-2-----	1,2-Dichloroethane	250	U
78-93-3-----	2-Butanone	250	U
71-55-6-----	1,1,1-Trichloroethane	530	D
56-23-5-----	Carbon Tetrachloride	250	U
75-27-4-----	Bromodichloromethane	250	U
78-87-5-----	1,2-Dichloropropane	250	U
10061-01-5----	cis-1,3-Dichloropropene	250	U
79-01-6-----	Trichloroethene	1100	D
124-48-1-----	Dibromochloromethane	250	U
79-00-5-----	1,1,2-Trichloroethane	250	U
71-43-2-----	Benzene	250	U
10061-02-6----	trans-1,3-Dichloropropene	250	U
75-25-2-----	Bromoform	250	U
108-10-1-----	4-Methyl-2-pentanone	250	U
591-78-6-----	2-Hexanone	250	U
127-18-4-----	Tetrachloroethene	1800	D
108-88-3-----	Toluene	250	U
79-34-5-----	1,1,2,2-Tetrachloroethane	37	DJ
108-90-7-----	Chlorobenzene	250	U
100-41-4-----	Ethylbenzene	250	U
100-42-5-----	Styrene	250	U
1330-20-7-----	Total Xylenes	250	U
75-71-8-----	Dichlorodifluoromethane	250	U
75-69-4-----	Trichlorofluoromethane	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

32/864

Client No.

MW-118DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76603DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8375.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
156-60-5-----	trans-1,2-Dichloroethene	250	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	250	U
156-59-2-----	cis-1,2-Dichloroethene	1400	D
110-82-7-----	Cyclohexane	250	U
108-87-2-----	Methylcyclohexane	250	U
106-93-4-----	1,2-Dibromoethane	250	U
98-82-8-----	Isopropylbenzene	250	U
541-73-1-----	1,3-Dichlorobenzene	250	U
106-46-7-----	1,4-Dichlorobenzene	250	U
95-50-1-----	1,2-Dichlorobenzene	250	U
96-12-8-----	1,2-Dibromo-3-chloropropane	250	U
120-82-1-----	1,2,4-Trichlorobenzene	250	U
79-20-9-----	Methyl acetate	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

33/864

Client No.

MW-118DL

b Name: SIL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76603DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8375.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

34/864

Client No.

MW-119

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76607

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8359.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	8	J
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	2	J
75-34-3-----	1,1-Dichloroethane	44	
67-66-3-----	Chloroform	4	J
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	73	
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	110	
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	1	J
71-43-2-----	Benzene	1	J
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	34	
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	UR
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

35/864

Client No.

MW-119

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76607

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8359.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	2	J
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	91	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

36/864

Client No.

MW-119

Job Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76607

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8359.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

37/864

Client No.

MW-120

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76608

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8360.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	10	U
75-01-4	-----Vinyl chloride	4	J
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene chloride	10	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	10	U
75-35-4	-----1,1-Dichloroethene	10	U
75-34-3	-----1,1-Dichloroethane	20	
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	11	
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	11	
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	10	U
10061-02-6	----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	6	J
108-88-3	-----Toluene	10	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	10	U
100-42-5	-----Styrene	10	U
1330-20-7	-----Total Xylenes	10	U
75-71-8	-----Dichlorodifluoromethane	10	U R
75-69-4	-----Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

38/864

Client No.

MW-120

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76608

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8360.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MIBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	26	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

39/864

Client No.

MW-120

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76608

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8360.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

40/864

Client No.

MW-121

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76609

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8361.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	10	U
75-01-4	-----Vinyl chloride	3	J
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene chloride	10	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	10	U
75-35-4	-----1,1-Dichloroethene	6	J
75-34-3	-----1,1-Dichloroethane	15	
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	4	J
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	-----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	11	
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	10	U
10061-02-6	-----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-pentanone	18	
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	7	J
108-88-3	-----Toluene	10	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	10	U
100-42-5	-----Styrene	10	U
1330-20-7	-----Total Xylenes	10	U
75-71-8	-----Dichlorodifluoromethane	10	U R
75-69-4	-----Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

41/864

Client No.

MW-121

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76609

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8361.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4----	Methyl-t-Butyl Ether (MIBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	24	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

42/864

Client No.

MW-121

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76609

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8361.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

43/864

Client No.

MW-122

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76610

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8362.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane	10	U	
74-83-9	Bromomethane	10	U	
75-01-4	Vinyl chloride	420	E	
75-00-3	Chloroethane	10	U	
75-09-2	Methylene chloride	10	U	
67-64-1	Acetone	10	U	
75-15-0	Carbon Disulfide	10	U	
75-35-4	1,1-Dichloroethene	31		
75-34-3	1,1-Dichloroethane	210	E	J
67-66-3	Chloroform	10	U	
107-06-2	1,2-Dichloroethane	10	U	
78-93-3	2-Butanone	10	U	
71-55-6	1,1,1-Trichloroethane	170		
56-23-5	Carbon Tetrachloride	10	U	
75-27-4	Bromodichloromethane	10	U	
78-87-5	1,2-Dichloropropane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
79-01-6	Trichloroethene	100		
124-48-1	Dibromochloromethane	10	U	
79-00-5	1,1,2-Trichloroethane	2	J	
71-43-2	Benzene	2	J	
10061-02-6	trans-1,3-Dichloropropene	10	U	
75-25-2	Bromoform	10	U	
108-10-1	4-Methyl-2-pentanone	10	U	
591-78-6	2-Hexanone	10	U	
127-18-4	Tetrachloroethene	10		
108-88-3	Toluene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
100-42-5	Styrene	10	U	
1330-20-7	Total Xylenes	10	U	
75-71-8	Dichlorodifluoromethane	10	U	R
75-69-4	Trichlorofluoromethane	10	U	

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

44/864

Client No.

MW-122

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76610

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8362.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10		U
156-60-5-----	trans-1,2-Dichloroethene	36		
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10		U
156-59-2-----	cis-1,2-Dichloroethene	1500		E J
110-82-7-----	Cyclohexane	10		U
108-87-2-----	Methylcyclohexane	10		U
106-93-4-----	1,2-Dibromoethane	10		U
98-82-8-----	Isopropylbenzene	10		U
541-73-1-----	1,3-Dichlorobenzene	10		U
106-46-7-----	1,4-Dichlorobenzene	10		U
95-50-1-----	1,2-Dichlorobenzene	10		U
96-12-8-----	1,2-Dibromo-3-chloropropane	10		U
120-82-1-----	1,2,4-Trichlorobenzene	10		U
79-20-9-----	Methyl acetate	10		U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

45/864

Client No.

MW-122

Site Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76610

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8362.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

46/864

Client No.

MW-122DL

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76610DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8379.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	250	U
74-83-9-----	Bromomethane	250	U
75-01-4-----	Vinyl chloride	310	D
75-00-3-----	Chloroethane	250	U
75-09-2-----	Methylene chloride	250	U
67-64-1-----	Acetone	250	U
75-15-0-----	Carbon Disulfide	250	U
75-35-4-----	1,1-Dichloroethene	25	DJ
75-34-3-----	1,1-Dichloroethane	160	DJ
67-66-3-----	Chloroform	250	U
107-06-2-----	1,2-Dichloroethane	250	U
78-93-3-----	2-Butanone	250	U
71-55-6-----	1,1,1-Trichloroethane	150	DJ
56-23-5-----	Carbon Tetrachloride	250	U
75-27-4-----	Bromodichloromethane	250	U
78-87-5-----	1,2-Dichloropropane	250	U
10061-01-5----	cis-1,3-Dichloropropene	250	U
79-01-6-----	Trichloroethene	82	DJ
124-48-1-----	Dibromochloromethane	250	U
79-00-5-----	1,1,2-Trichloroethane	250	U
71-43-2-----	Benzene	250	U
10061-02-6----	trans-1,3-Dichloropropene	250	U
75-25-2-----	Bromoform	250	U
108-10-1-----	4-Methyl-2-pentanone	250	U
591-78-6-----	2-Hexanone	250	U
127-18-4-----	Tetrachloroethene	250	U
108-88-3-----	Toluene	250	U
79-34-5-----	1,1,2,2-Tetrachloroethane	250	U
108-90-7-----	Chlorobenzene	250	U
100-41-4-----	Ethylbenzene	250	U
100-42-5-----	Styrene	250	U
1330-20-7-----	Total Xylenes	250	U
75-71-8-----	Dichlorodifluoromethane	250	U
75-69-4-----	Trichlorofluoromethane	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

47/864

Client No.

MW-122DL

Lab Name: SIL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76610DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8379.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
156-60-5-----	trans-1,2-Dichloroethene	28	DJ
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	250	U
156-59-2-----	cis-1,2-Dichloroethene	1400	D
110-82-7-----	Cyclohexane	250	U
108-87-2-----	Methylcyclohexane	250	U
106-93-4-----	1,2-Dibromoethane	250	U
98-82-8-----	Isopropylbenzene	250	U
541-73-1-----	1,3-Dichlorobenzene	250	U
106-46-7-----	1,4-Dichlorobenzene	250	U
95-50-1-----	1,2-Dichlorobenzene	250	U
96-12-8-----	1,2-Dibromo-3-chloropropane	250	U
120-82-1-----	1,2,4-Trichlorobenzene	250	U
79-20-9-----	Methyl acetate	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

48/864

Client No.

MW-122jL

Lab Name: STL Buffalo

Contract: _____

Lab Code: REQNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76610DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8379.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

49/864

Client No.

MW-123

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76611

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8363.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		1	J
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		52	
75-34-3	1,1-Dichloroethane		260	E J
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		2	J
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		34	
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		140	
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U R
75-69-4	Trichlorofluoromethane		10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

50/864

Client No.

MW-123

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76611

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8363.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	13	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

51/864

Client No.

MW-123

Sample Name: SIL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76611

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8363.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

52/864

Client No.

MW-123DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: ASB76611DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8380.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 2.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	20	U
74-83-9-----	Bromomethane	20	U
75-01-4-----	Vinyl chloride	20	U
75-00-3-----	Chloroethane	20	U
75-09-2-----	Methylene chloride	20	U
67-64-1-----	Acetone	20	U
75-15-0-----	Carbon Disulfide	20	U
75-35-4-----	1,1-Dichloroethene	64	D
75-34-3-----	1,1-Dichloroethane	260	D
67-66-3-----	Chloroform	20	U
107-06-2-----	1,2-Dichloroethane	20	U
78-93-3-----	2-Butanone	20	U
71-55-6-----	1,1,1-Trichloroethane	6	DJ
56-23-5-----	Carbon Tetrachloride	20	U
75-27-4-----	Bromodichloromethane	20	U
78-87-5-----	1,2-Dichloropropane	20	U
10061-01-5----	cis-1,3-Dichloropropene	20	U
79-01-6-----	Trichloroethene	56	D
124-48-1-----	Dibromochloromethane	20	U
79-00-5-----	1,1,2-Trichloroethane	20	U
71-43-2-----	Benzene	20	U
10061-02-6----	trans-1,3-Dichloropropene	20	U
75-25-2-----	Bromoform	20	U
108-10-1-----	4-Methyl-2-pentanone	20	U
591-78-6-----	2-Hexanone	20	U
127-18-4-----	Tetrachloroethene	230	D
108-88-3-----	Toluene	20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	20	U
108-90-7-----	Chlorobenzene	20	U
100-41-4-----	Ethylbenzene	20	U
100-42-5-----	Styrene	20	U
1330-20-7-----	Total Xylenes	20	U
75-71-8-----	Dichlorodifluoromethane	20	U
75-69-4-----	Trichlorofluoromethane	20	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

53/864

Client No.

MW-123 DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76611DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8380.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 2.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
156-60-5-----	trans-1,2-Dichloroethene	20	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	20	U
156-59-2-----	cis-1,2-Dichloroethene	18	DJ
110-82-7-----	Cyclohexane	20	U
108-87-2-----	Methylcyclohexane	20	U
106-93-4-----	1,2-Dibromoethane	20	U
98-82-8-----	Isopropylbenzene	20	U
541-73-1-----	1,3-Dichlorobenzene	20	U
106-46-7-----	1,4-Dichlorobenzene	20	U
95-50-1-----	1,2-Dichlorobenzene	20	U
96-12-8-----	1,2-Dibromo-3-chloropropane	20	U
120-82-1-----	1,2,4-Trichlorobenzene	20	U
79-20-9-----	Methyl acetate	20	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

54/864

Client No.

MW-123 DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76611DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8380.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/24/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 2.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

55/864

Client No.

SW-1

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76612

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8364.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	12	
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	1	J
75-34-3-----	1,1-Dichloroethane	8	J
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	4	J
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	UR
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

56/864

Client No.

SW-1

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76612

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8364.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
156-60-5-----	trans-1,2-Dichloroethene	10	U	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U	
156-59-2-----	cis-1,2-Dichloroethene	10	U	
110-82-7-----	Cyclohexane	10	U	
108-87-2-----	Methylcyclohexane	10	U	
106-93-4-----	1,2-Dibromoethane	10	U	
98-82-8-----	Isopropylbenzene	10	U	
541-73-1-----	1,3-Dichlorobenzene	10	U	
106-46-7-----	1,4-Dichlorobenzene	10	U	
95-50-1-----	1,2-Dichlorobenzene	10	U	
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U	
120-82-1-----	1,2,4-Trichlorobenzene	10	U	
79-20-9-----	Methyl acetate	10	U	

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

57/864

Client No.

SW-1

Site Name: SIL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76612

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8364.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

58/864

Client No.

SW-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76613

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8365.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	4	J
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromofom	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U R
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

59/864

Client No.

SW-2

b Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76613

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8365.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	7	J
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

60/864

Client No.

SW-2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76613

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8365.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

61/864

Client No.

SW-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76614

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8366.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	6	J
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	1	J
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U R
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

62/864

Client No.

SW-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76614

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8366.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	
156-60-5-----	trans-1,2-Dichloroethene	10	U	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U	
156-59-2-----	cis-1,2-Dichloroethene	8	J	
110-82-7-----	Cyclohexane	10	U	
108-87-2-----	Methylcyclohexane	10	U	
106-93-4-----	1,2-Dibromoethane	10	U	
98-82-8-----	Isopropylbenzene	10	U	
541-73-1-----	1,3-Dichlorobenzene	10	U	
106-46-7-----	1,4-Dichlorobenzene	10	U	
95-50-1-----	1,2-Dichlorobenzene	10	U	
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U	
120-82-1-----	1,2,4-Trichlorobenzene	10	U	
79-20-9-----	Methyl acetate	10	U	

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

63/864

Client No.

SW-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76614

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q8366.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: not dec. _____

Date Analyzed: 10/22/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS
ANALYSIS DATA SHEET

64/864

Client No.

MW-117

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76601

Sample wt/vol: 1060.0 (g/mL) ML

Lab File ID: W06028.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/21/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

83-32-9-----	Acenaphthene	1	J
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
191-24-2-----	Benzo (ghi) perylene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
100-51-6-----	Benzyl alcohol	20	U
111-91-1-----	Bis (2-chloroethoxy) methane	10	U
111-44-4-----	Bis (2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	10	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	4	J
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
106-47-8-----	4-Chloroaniline	10	U
91-58-7-----	2-Chloronaphthalene	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
84-66-2-----	Diethyl phthalate	10	U
131-11-3-----	Dimethyl phthalate	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
117-84-0-----	Di-n-octyl phthalate	10	U
206-44-0-----	Fluoranthene	10	U

DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS
ANALYSIS DATA SHEET

65/864

Client No.

MW-117

Sample Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B76601

Sample wt/vol: 1060.0 (g/mL) ML

Lab File ID: W06028.RR

Level: (low/med) LOW

Date Samp/Recv: 10/18/2005 10/20/2005

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/20/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/21/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
86-73-7-----	Fluorene	U
118-74-1-----	Hexachlorobenzene	U
87-68-3-----	Hexachlorobutadiene	U
77-47-4-----	Hexachlorocyclopentadiene	U
67-72-1-----	Hexachloroethane	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	U
78-59-1-----	Isophorone	U
91-57-6-----	2-Methylnaphthalene	U
91-20-3-----	Naphthalene	J
88-74-4-----	2-Nitroaniline	U
99-09-2-----	3-Nitroaniline	U
100-01-6-----	4-Nitroaniline	U
98-95-3-----	Nitrobenzene	U
86-30-6-----	N-nitrosodiphenylamine	U
621-64-7-----	N-Nitroso-Di-n-propylamine	U
85-01-8-----	Phenanthrene	U
129-00-0-----	Pyrene	U
120-82-1-----	1,2,4-Trichlorobenzene	U

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-114

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560338

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.6	B		P
7440-36-0	Antimony	3.3	U		P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	44.9	B		P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	116000			P
7440-47-3	Chromium	1.0	B		P
7440-48-4	Cobalt	21.4	B		P
7440-50-8	Copper	5.1	B		P
7439-89-6	Iron	14.1	U		P
7439-92-1	Lead	1.2	U	J	P
7439-95-4	Magnesium	33300			P
7439-96-5	Manganese	9.6	B		P
7440-02-0	Nickel	30.1	B		P
7440-09-7	Potassium	752	B		P
7782-49-2	Selenium	4.1	B		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	N*J	CV
7440-23-5	Sodium	99800			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	0.46	U		P
7440-66-6	Zinc	4.7	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-115

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560337

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	155	B		P
7440-36-0	Antimony	3.3	U		P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	80.2	B		P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.44	B		P
7440-70-2	Calcium	157000			P
7440-47-3	Chromium	0.29	U		P
7440-48-4	Cobalt	69.9			P
7440-50-8	Copper	18.4	B		P
7439-89-6	Iron	188			P
7439-92-1	Lead	1.2	U	J	P
7439-95-4	Magnesium	39200			P
7439-96-5	Manganese	699			P
7440-02-0	Nickel	131			P
7440-09-7	Potassium	1700	B		P
7782-49-2	Selenium	4.2	B		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	N* J	CV
7440-23-5	Sodium	202000			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	0.54	B		P
7440-66-6	Zinc	13.7	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-116

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560339

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	152	B		P
7440-36-0	Antimony	3.3	U		P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	60.3	B		P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	181000			P
7440-47-3	Chromium	0.29	U		P
7440-48-4	Cobalt	12.5	B		P
7440-50-8	Copper	1.4	B		P
7439-89-6	Iron	235			P
7439-92-1	Lead	1.2	U	J	P
7439-95-4	Magnesium	40700			P
7439-96-5	Manganese	1030			P
7440-02-0	Nickel	18.6	B		P
7440-09-7	Potassium	1060	B		P
7782-49-2	Selenium	3.2	U		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	N* J	CV
7440-23-5	Sodium	59000			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	0.46	U		P
7440-66-6	Zinc	3.1	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-117

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560331

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	124	B		P
7440-36-0	Antimony	3.3	U		P
7440-38-2	Arsenic	42.0			P
7440-39-3	Barium	118	B		P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	164000			P
7440-47-3	Chromium	1.2	B		P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	1.8	B		P
7439-89-6	Iron	17500			P
7439-92-1	Lead	1.2	U	J	P
7439-95-4	Magnesium	18400			P
7439-96-5	Manganese	1750			P
7440-02-0	Nickel	2.0	B		P
7440-09-7	Potassium	3700	B		P
7782-49-2	Selenium	3.2	U		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	N* J	CV
7440-23-5	Sodium	16700			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	4.3	B		P
7440-66-6	Zinc	6.4	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-117A

Contract: CN04-015

Lab Code: STLBFO

Case No.:

SAS No.:

SDG No.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560335

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	122	B		P
7440-36-0	Antimony	3.3	U		P
7440-38-2	Arsenic	46.8			P
7440-39-3	Barium	125	B		P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	171000			P
7440-47-3	Chromium	0.41	B		P
7440-48-4	Cobalt	1.1	B		P
7440-50-8	Copper	1.3	B		P
7439-89-6	Iron	18100			P
7439-92-1	Lead	1.2	U	J	P
7439-95-4	Magnesium	19100			P
7439-96-5	Manganese	1810			P
7440-02-0	Nickel	2.6	B		P
7440-09-7	Potassium	3880	B		P
7782-49-2	Selenium	3.3	B		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	N ⁺ J	CV
7440-23-5	Sodium	17600			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	4.3	B		P
7440-66-6	Zinc	6.0	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-118

Contract: CN04-015

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560336

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6180			P
7440-36-0	Antimony	3.3	U		P
7440-38-2	Arsenic	6.2	B	J	P
7440-39-3	Barium	130	B		P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.39	B		P
7440-70-2	Calcium	181000			P
7440-47-3	Chromium	6.9	B		P
7440-48-4	Cobalt	714			P
7440-50-8	Copper	104			P
7439-89-6	Iron	7580			P
7439-92-1	Lead	32.1			P
7439-95-4	Magnesium	50800			P
7439-96-5	Manganese	2580			P
7440-02-0	Nickel	1400			P
7440-09-7	Potassium	5060			P
7782-49-2	Selenium	3.9	B		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	J	CV
7440-23-5	Sodium	371000			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	10.6	B		P
7440-66-6	Zinc	111			P

Color Before: GRAY

Clarity Before: CLOUDY

Texture: NONE

Color After: GRAY

Clarity After: CLOUDY

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-119

Contract: CN04-015

Lab Code: STLBFLO

Case No.: _____

SAS No.: _____

SDG NO.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560340

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5630			P
7440-36-0	Antimony	3.6	B		P
7440-38-2	Arsenic	6.8	B	J	P
7440-39-3	Barium	42.1	B		P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	91900			P
7440-47-3	Chromium	8.2	B		P
7440-48-4	Cobalt	5.7	B		P
7440-50-8	Copper	16.5	B		P
7439-89-6	Iron	7570			P
7439-92-1	Lead	6.9		J	P
7439-95-4	Magnesium	24100			P
7439-96-5	Manganese	379			P
7440-02-0	Nickel	15.7	B		P
7440-09-7	Potassium	15800			P
7782-49-2	Selenium	9.9	B		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	N*J	CV
7440-23-5	Sodium	137000			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	12.8	B		P
7440-66-6	Zinc	34.7			P

Color Before: GRAY

Clarity Before: CLOUDY

Texture: NONE

Color After: GRAY

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-120

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560341

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	209			P
7440-36-0	Antimony	3.3	U		P
7440-38-2	Arsenic	5.1	B	J	P
7440-39-3	Barium	63.0	B		P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	91700			P
7440-47-3	Chromium	0.56	B		P
7440-48-4	Cobalt	4.1	B		P
7440-50-8	Copper	2.9	B		P
7439-89-6	Iron	428			P
7439-92-1	Lead	1.2	U	J	P
7439-95-4	Magnesium	11400			P
7439-96-5	Manganese	4720			P
7440-02-0	Nickel	12.1	B		P
7440-09-7	Potassium	31700			P
7782-49-2	Selenium	4.7	B		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	N* J	CV
7440-23-5	Sodium	165000			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	1.2	B		P
7440-66-6	Zinc	40.0			P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-122

Contract: CN04-015

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560342

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.6	B		P
7440-36-0	Antimony	3.3	U		P
7440-38-2	Arsenic	3.3	B	J	P
7440-39-3	Barium	78.7	B		P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	139000			P
7440-47-3	Chromium	0.29	U		P
7440-48-4	Cobalt	7.4	B		P
7440-50-8	Copper	3.4	B		P
7439-89-6	Iron	42.6	B		P
7439-92-1	Lead	1.2	U	J	P
7439-95-4	Magnesium	27500			P
7439-96-5	Manganese	829			P
7440-02-0	Nickel	17.2	B		P
7440-09-7	Potassium	990	B		P
7782-49-2	Selenium	3.2	B		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	N* J	CV
7440-23-5	Sodium	30200			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	0.46	U		P
7440-66-6	Zinc	2.1	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-123

Contract: CN04-015

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A05-B766

Matrix (soil/water): WATER

Lab Sample ID: AD560343

Level (low/med): LOW

Date Received: 10/20/2005

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9390			P
7440-36-0	Antimony	3.3	U		P
7440-38-2	Arsenic	15.9		J	P
7440-39-3	Barium	148	B		P
7440-41-7	Beryllium	0.27	B		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	238000			P
7440-47-3	Chromium	11.0			P
7440-48-4	Cobalt	9.2	B		P
7440-50-8	Copper	14.9	B		P
7439-89-6	Iron	17400			P
7439-92-1	Lead	5.9		J	P
7439-95-4	Magnesium	89200			P
7439-96-5	Manganese	735			P
7440-02-0	Nickel	42.6			P
7440-09-7	Potassium	4480	B		P
7782-49-2	Selenium	3.2	U		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047	U	N* J	CV
7440-23-5	Sodium	38300			P
7440-28-0	Thallium	5.6	U		P
7440-62-2	Vanadium	20.2	B		P
7440-66-6	Zinc	42.0			P

Color Before: GRAY

Clarity Before: CLOUDY

Texture: NONE

Color After: GRAY

Clarity After: CLOUDY

Artifacts:

Comments:

Wet Chemistry Analysis

76/864

Client Sample No.

MW-114

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76605% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.030	U			425.1	10/20/2005

Comments:

Wet Chemistry Analysis

77/864

Client Sample No.

MW-115

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76604% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.21				425.1	10/20/2005

Comments:

Wet Chemistry Analysis

78/864

Client Sample No.

MW-116

Job Name: STL Buffalo

Contract: _____

Lab Code: RECONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76606% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.030	U			425.1	10/20/2005

Comments:

Wet Chemistry Analysis

79/864

Client Sample No.

MW-117

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76601% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants _____	MG/L	0.45				425.1	10/20/2005

Comments:

Wet Chemistry Analysis

80/864

Client Sample No.

MW-117A

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76602% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.42				425.1	10/20/2005

Comments:

Wet Chemistry Analysis

81/864

Client Sample No.

MW-118

Job Name: STL Buffalo

Contract: _____

Lab Code: RECNV

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76603% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	1.4				425.1	10/20/2005

Comments:

Wet Chemistry Analysis

82/864

Client Sample No.

MW-119

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76607% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.080				425.1	10/20/2005

Comments:

Wet Chemistry Analysis

83/864

Client Sample No.

MW-120

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76608% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants _____	MG/L	0.040				425.1	10/20/2005

Comments:

Wet Chemistry Analysis

84/864

Client Sample No.

MW-122

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNV

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76610% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.030	U			425.1	10/20/2005

Comments:

Wet Chemistry Analysis

85/864

Client Sample No.

MW-123

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B76611% Solids: 0.0Date Samp/Recv: 10/18/2005 10/20/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.030	U			425.1	10/20/2005

Comments:

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1/826

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STL

STL Buffalo

10 Hazelwood Drive, Suite 106
Amherst, NY 14228

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www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-0397, A06-0438

STL Project#: NY4A9341

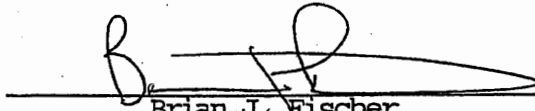
SDG#: 0397

Site Name: Delta Environmental Consultants, Inc.

Task: Geneva Site - water

Mark Schumacher
Delta Environmental
104 Jamesville Rd.
Syracuse, NY 13214

STL Buffalo


Brian J. Fischer
Project Manager

01/31/2006

STL Buffalo

Current Certifications

As of 12/28/2005

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA, RCRA	C254
West Virginia	CWA, RCRA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A6039708	MW-114	WATER	01/11/2006	14:15	01/12/2006	14:00
A6039704	MW-115	WATER	01/11/2006	11:30	01/12/2006	14:00
A6039707	MW-116	WATER	01/11/2006	13:30	01/12/2006	14:00
A6039702	MW-117	WATER	01/11/2006	11:05	01/12/2006	14:00
A6039702MS	MW-117 MS	WATER	01/11/2006	11:05	01/12/2006	14:00
A6039702SD	MW-117 SD	WATER	01/11/2006	11:05	01/12/2006	14:00
A6039703	MW-117A	WATER	01/11/2006	11:05	01/12/2006	14:00
A6039705	MW-118	WATER	01/11/2006	12:15	01/12/2006	14:00
A6039706	MW-119	WATER	01/11/2006	13:00	01/12/2006	14:00
A6043803	MW-120	WATER	01/12/2006	11:30	01/13/2006	08:50
A6043802	MW-121	WATER	01/12/2006	10:30	01/13/2006	08:50
A6039701	MW-122	WATER	01/11/2006	10:15	01/12/2006	14:00
A6043801	MW-123	WATER	01/12/2006	09:45	01/13/2006	08:50
A6043804	TRIP BLANK	WATER	01/12/2006		01/13/2006	08:50

METHODS SUMMARY

Job#: A06-0397,A06-0438STL Project#: NY4A9341SDG#: 0397Site Name: Delta Environmental Consultants, Inc.

PARAMETER	ANALYTICAL	
	METHOD	
DELTA - AQ - ASP 2000/8260 - TCL VOLATILES	ASP00	8260
Aluminum - Total	ASP00	6010
Antimony - Total	ASP00	6010
Arsenic - Total	ASP00	6010
Barium - Total	ASP00	6010
Beryllium - Total	ASP00	6010
Cadmium - Total	ASP00	6010
Calcium - Total	ASP00	6010
Chromium - Total	ASP00	6010
Cobalt - Total	ASP00	6010
Copper - Total	ASP00	6010
Iron - Total	ASP00	6010
Lead - Total	ASP00	6010
Magnesium - Total	ASP00	6010
Manganese - Total	ASP00	6010
Mercury - Total	ASP00	7470
Nickel - Total	ASP00	6010
Potassium - Total	ASP00	6010
Selenium - Total	ASP00	6010
Silver - Total	ASP00	6010
Sodium - Total	ASP00	6010
Thallium - Total	ASP00	6010
Vanadium - Total	ASP00	6010
Zinc - Total	ASP00	6010
MBAS - Surfactants	ASP00	425.1

ASP00 "Analytical Services Protocol", New York State Department of Conservation,
June 2000.

NON-CONFORMANCE SUMMARY

Job#: A06-0397, A06-0438STL Project#: NY4A9341SDG#: 0397Site Name: Delta Environmental Consultants, Inc.General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-0397

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

All samples were received in good condition.

A06-0438

Sample Cooler(s) were received at the following temperature(s); 4@2.0 °C

All samples were received in good condition.

GC/MS Volatile Data

Due to a required dilution, MW-118 (A6039705) was analyzed past the EPA-recommended holding time; the original analysis of the sample was performed within holding time. The out-of-hold, diluted result is confirmed by the undiluted result; both sets of data have been reported. There is no impact on data usability.

Sample MW-116 (A6039707DL) was initially analyzed at a dilution consistent with history, within holding times. Due to over-dilution, the sample was reanalyzed at a lesser dilution, past the EPA-recommended holding time. Both sets of data have been reported.

The Volatile Holding Blank, although analyzed after all samples, was analyzed outside of the analytical holding time.

All samples were preserved to a pH less than 2.

Metals Data

The recoveries of sample MW-117 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Iron. Sample matrix is suspect. However, the LFB was acceptable.

The recoveries of sample MW-117 Post Spike exhibited results below the quality control limits for Calcium and Silver. However, the LFB was acceptable.

The relative percent difference between sample MW-117 and Matrix Duplicate exceeded the quality control criteria for Arsenic. However, the LFB was acceptable.

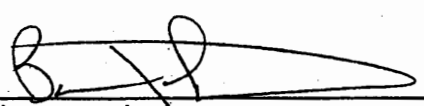
Wet Chemistry Data

The recovery of sample MW-117 matrix spike and matrix spike duplicate exhibited results above the quality control limits for Surfactants. However, the LCS was acceptable.

Samples MW-115 and MW-118 for MBAS analysis were analyzed at the dilutions indicated via historic results. Results are reported as elevated non-detects. Due to holding time limitations, samples were not reanalyzed.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Brian J. Fischer
Project Manager

1-31-01

Date

Date: 01/31/2006
Time: 17:27:18

Dilution Log w/Code Information
For Project NY4A9341, SDG 0397

8/826
Page: 1
Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
MW-122	A6039701	8260	10.00	008
MW-117	A6039702	MBAS - Surfactants	4.00	008
MW-117 MS	A6039702MS	MBAS - Surfactants	4.00	008
MW-117 SD	A6039702SD	MBAS - Surfactants	4.00	008
MW-117A	A6039703	MBAS - Surfactants	4.00	008
MW-115	A6039704	MBAS - Surfactants	2.00	008
MW-118	A6039705	8260	25.00	008
MW-118	A6039705	MBAS - Surfactants	100.00	008
MW-118	A6039705DL	8260	50.00	008
MW-116	A6039707	8260	5.00	008
MW-116	A6039707DL	8260	25.00	008
MW-120	A6043803	MBAS - Surfactants	2.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
MW-114	A6039708	ASP00	-	-	-	ASP00	-	ASP00
MW-115	A6039704	ASP00	-	-	-	ASP00	-	ASP00
MW-116	A6039707	ASP00	-	-	-	ASP00	-	ASP00
MW-117	A6039702	ASP00	-	-	-	ASP00	-	ASP00
MW-117A	A6039703	ASP00	-	-	-	ASP00	-	ASP00
MW-118	A6039705	ASP00	-	-	-	ASP00	-	ASP00
MW-119	A6039706	ASP00	-	-	-	ASP00	-	ASP00
MW-120	A6043803	ASP00	-	-	-	ASP00	-	ASP00
MW-121	A6043802	ASP00	-	-	-	ASP00	-	ASP00
MW-122	A6039701	ASP00	-	-	-	ASP00	-	ASP00
MW-123	A6043801	ASP00	-	-	-	ASP00	-	ASP00

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
MW-114	WATER	01/11/2006	01/12/2006	-	01/20/2006
MW-115	WATER	01/11/2006	01/12/2006	-	01/20/2006
MW-116	WATER	01/11/2006	01/12/2006	-	01/20 - 23/2006
MW-117	WATER	01/11/2006	01/12/2006	-	01/19/2006
MW-117A	WATER	01/11/2006	01/12/2006	-	01/19/2006
MW-118	WATER	01/11/2006	01/12/2006	-	01/20 - 23/2006
MW-119	WATER	01/11/2006	01/12/2006	-	01/20/2006
MW-120	WATER	01/12/2006	01/13/2006	-	01/19/2006
MW-121	WATER	01/12/2006	01/13/2006	-	01/19/2006
MW-122	WATER	01/11/2006	01/12/2006	-	01/20/2006
MW-123	WATER	01/12/2006	01/13/2006	-	01/20/2006

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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
MW-114	WATER	23 metal	01/12/2006	01/13 - 16/2006	01/13 - 17/2006
MW-115	WATER	23 metal	01/12/2006	01/13 - 16/2006	01/13 - 17/2006
MW-116	WATER	23 metal	01/12/2006	01/13 - 16/2006	01/13 - 17/2006
MW-117	WATER	23 metal	01/12/2006	01/13 - 16/2006	01/13 - 17/2006
MW-117A	WATER	23 metal	01/12/2006	01/13 - 16/2006	01/13 - 17/2006
MW-118	WATER	23 metal	01/12/2006	01/13 - 16/2006	01/13 - 17/2006
MW-119	WATER	23 metal	01/12/2006	01/13 - 16/2006	01/13 - 17/2006
MW-120	WATER	23 metal	01/13/2006	01/16/2006	01/16 - 17/2006
MW-121	WATER	23 metal	01/13/2006	01/16/2006	01/16 - 17/2006
MW-122	WATER	23 metal	01/12/2006	01/13 - 16/2006	01/13 - 17/2006
MW-123	WATER	23 metal	01/13/2006	01/16/2006	01/16 - 17/2006

NYSDEC-5

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
MW-114	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-115	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-116	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-117	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-117A	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-118	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-119	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-120	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-121	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-122	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
MW-123	WATER	ASP00	-	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
MW-114	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-115	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-116	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-117	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-117A	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-118	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-119	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-120	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-121	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-122	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
MW-123	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED

NYSDEC-7



DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates the spike or duplicate analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

15/826

Client No.

MW-114

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039708

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9939.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	2	J
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	3	J
75-34-3-----	1,1-Dichloroethane	3	J
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	14	
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	33	
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	98	
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

16/826

Client No.

MW-114

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039708

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9939.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	6	J
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

17/826

Client No.

MW-114

Lab Name: SIL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039708

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9939.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

18/826

Client No.

MW-115

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039704

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9934.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	1	J
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	4	J
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	42	
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

19/826

Client No.

MW-115

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039704

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9934.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4----	Methyl-t-Butyl Ether (MIBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

21/826

Client No.

MW-116

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039707

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9999.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/23/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	50	U
74-83-9-----	Bromomethane	50	U
75-01-4-----	Vinyl chloride	50	U
75-00-3-----	Chloroethane	50	U
75-09-2-----	Methylene chloride	50	U
67-64-1-----	Acetone	50	U
75-15-0-----	Carbon Disulfide	50	U
75-35-4-----	1,1-Dichloroethene	14	J
75-34-3-----	1,1-Dichloroethane	10	J
67-66-3-----	Chloroform	50	U
107-06-2-----	1,2-Dichloroethane	50	U
78-93-3-----	2-Butanone	50	U
71-55-6-----	1,1,1-Trichloroethane	310	J
56-23-5-----	Carbon Tetrachloride	50	U
75-27-4-----	Bromodichloromethane	50	U
78-87-5-----	1,2-Dichloropropane	50	U
10061-01-5----	cis-1,3-Dichloropropene	50	U
79-01-6-----	Trichloroethene	76	J
124-48-1-----	Dibromochloromethane	50	U
79-00-5-----	1,1,2-Trichloroethane	50	U
71-43-2-----	Benzene	50	U
10061-02-6----	trans-1,3-Dichloropropene	50	U
75-25-2-----	Bromoform	50	U
108-10-1-----	4-Methyl-2-pentanone	50	U
591-78-6-----	2-Hexanone	50	U
127-18-4-----	Tetrachloroethene	730	J
108-88-3-----	Toluene	50	U
79-34-5-----	1,1,2,2-Tetrachloroethane	50	U
108-90-7-----	Chlorobenzene	50	U
100-41-4-----	Ethylbenzene	50	U
100-42-5-----	Styrene	50	U
1330-20-7-----	Total Xylenes	50	U
75-71-8-----	Dichlorodifluoromethane	50	U
75-69-4-----	Trichlorofluoromethane	50	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

20/826

Client No.

MW-115

Lab Name: SIL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039704

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9934.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

22/826

Client No.

MW-116

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039707

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9999.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/23/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
156-60-5-----	trans-1,2-Dichloroethene	50	U
1634-04-4-----	Methyl-t-Butyl Ether (MIBE)	50	U
156-59-2-----	cis-1,2-Dichloroethene	93	U
110-82-7-----	Cyclohexane	50	U
108-87-2-----	Methylcyclohexane	50	U
106-93-4-----	1,2-Dibromoethane	50	U
98-82-8-----	Isopropylbenzene	50	U
541-73-1-----	1,3-Dichlorobenzene	50	U
106-46-7-----	1,4-Dichlorobenzene	50	U
95-50-1-----	1,2-Dichlorobenzene	50	U
96-12-8-----	1,2-Dibromo-3-chloropropane	50	U
120-82-1-----	1,2,4-Trichlorobenzene	50	U
79-20-9-----	Methyl acetate	50	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

23/826

Client No.

MW-116

Lab Name: SIL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039707

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9999.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____

Date Analyzed: 01/23/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

24/826

Client No.

MW-116 DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039707DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9938.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	250	U
74-83-9-----	Bromomethane	250	U
75-01-4-----	Vinyl chloride	250	U
75-00-3-----	Chloroethane	250	U
75-09-2-----	Methylene chloride	250	U
67-64-1-----	Acetone	250	U
75-15-0-----	Carbon Disulfide	250	U
75-35-4-----	1,1-Dichloroethene	250	U
75-34-3-----	1,1-Dichloroethane	250	U
67-66-3-----	Chloroform	250	U
107-06-2-----	1,2-Dichloroethane	250	U
78-93-3-----	2-Butanone	250	U
71-55-6-----	1,1,1-Trichloroethane	440	D
56-23-5-----	Carbon Tetrachloride	250	U
75-27-4-----	Bromodichloromethane	250	U
78-87-5-----	1,2-Dichloropropane	250	U
10061-01-5----	cis-1,3-Dichloropropene	250	U
79-01-6-----	Trichloroethene	110	DJ
124-48-1-----	Dibromochloromethane	250	U
79-00-5-----	1,1,2-Trichloroethane	250	U
71-43-2-----	Benzene	250	U
10061-02-6----	trans-1,3-Dichloropropene	250	U
75-25-2-----	Bromoform	250	U
108-10-1-----	4-Methyl-2-pentanone	250	U
591-78-6-----	2-Hexanone	250	U
127-18-4-----	Tetrachloroethene	1100	D
108-88-3-----	Toluene	250	U
79-34-5-----	1,1,2,2-Tetrachloroethane	250	U
108-90-7-----	Chlorobenzene	250	U
100-41-4-----	Ethylbenzene	250	U
100-42-5-----	Styrene	250	U
1330-20-7-----	Total Xylenes	250	U
75-71-8-----	Dichlorodifluoromethane	250	U
75-69-4-----	Trichlorofluoromethane	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

25/826

Client No.

MW-116 DL

o Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039707DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9938.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
156-60-5-----	trans-1,2-Dichloroethene	250	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	250	U
156-59-2-----	cis-1,2-Dichloroethene	110	DJ
110-82-7-----	Cyclohexane	250	U
108-87-2-----	Methylcyclohexane	250	U
106-93-4-----	1,2-Dibromoethane	250	U
98-82-8-----	Isopropylbenzene	250	U
541-73-1-----	1,3-Dichlorobenzene	250	U
106-46-7-----	1,4-Dichlorobenzene	250	U
95-50-1-----	1,2-Dichlorobenzene	250	U
96-12-8-----	1,2-Dibromo-3-chloropropane	250	U
120-82-1-----	1,2,4-Trichlorobenzene	250	U
79-20-9-----	Methyl acetate	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

26/826

Client No.

MW-116DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039707DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9938.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

27/826

Client No.

MW-117

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039702

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9917.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	3	J
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

28/826

Client No.

MW-117

Lab Name: SIL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039702

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9917.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

29/826

Client No.

MW-117

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039702

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 09917.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

30/826

Client No.

MW-117A

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039703

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9918.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	3	J
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

31/826

Client No.

MW-117A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039703

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9918.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

32/826

Client No.

MW-117A

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER Lab Sample ID: A6039703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9918.RR

Level: (low/med) LOW Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

33/826

Client No.

MW-118

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039705

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9936.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	250	U
74-83-9-----	Bromomethane	250	U
75-01-4-----	Vinyl chloride	1000	
75-00-3-----	Chloroethane	250	U
75-09-2-----	Methylene chloride	250	U
67-64-1-----	Acetone	250	U
75-15-0-----	Carbon Disulfide	250	U
75-35-4-----	1,1-Dichloroethene	240	J
75-34-3-----	1,1-Dichloroethane	480	
67-66-3-----	Chloroform	250	U
107-06-2-----	1,2-Dichloroethane	250	U
78-93-3-----	2-Butanone	250	U
71-55-6-----	1,1,1-Trichloroethane	3900	
56-23-5-----	Carbon Tetrachloride	250	U
75-27-4-----	Bromodichloromethane	250	U
78-87-5-----	1,2-Dichloropropane	250	U
10061-01-5----	cis-1,3-Dichloropropene	250	U
79-01-6-----	Trichloroethene	2700	
124-48-1-----	Dibromochloromethane	250	U
79-00-5-----	1,1,2-Trichloroethane	250	U
71-43-2-----	Benzene	250	U
10061-02-6----	trans-1,3-Dichloropropene	250	U
75-25-2-----	Bromoform	250	U
108-10-1-----	4-Methyl-2-pentanone	250	U
591-78-6-----	2-Hexanone	250	U
127-18-4-----	Tetrachloroethene	5400	EJ
108-88-3-----	Toluene	250	U
79-34-5-----	1,1,2,2-Tetrachloroethane	250	U
108-90-7-----	Chlorobenzene	250	U
100-41-4-----	Ethylbenzene	250	U
100-42-5-----	Styrene	250	U
1330-20-7-----	Total Xylenes	250	U
75-71-8-----	Dichlorodifluoromethane	250	U
75-69-4-----	Trichlorofluoromethane	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

34/826

Client No.

MW-118

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039705

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9936.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
156-60-5-----	trans-1,2-Dichloroethene	250	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	250	U
156-59-2-----	cis-1,2-Dichloroethene	3600	
110-82-7-----	Cyclohexane	250	U
108-87-2-----	Methylcyclohexane	250	U
106-93-4-----	1,2-Dibromoethane	250	U
98-82-8-----	Isopropylbenzene	250	U
541-73-1-----	1,3-Dichlorobenzene	250	U
106-46-7-----	1,4-Dichlorobenzene	250	U
95-50-1-----	1,2-Dichlorobenzene	250	U
96-12-8-----	1,2-Dibromo-3-chloropropane	250	U
120-82-1-----	1,2,4-Trichlorobenzene	250	U
79-20-9-----	Methyl acetate	250	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

35/826

Client No.

MW-118

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039705

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9936.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 25.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 590-50-1	4,4-DIMETHYL-2-PENTANONE	7.53	140	JN

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

36/826

Client No.

MW-118 DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039705DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9996.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/23/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 50.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	500	U J
74-83-9-----	Bromomethane	500	U J
75-01-4-----	Vinyl chloride	750	D J
75-00-3-----	Chloroethane	500	U J
75-09-2-----	Methylene chloride	56	D J
67-64-1-----	Acetone	500	U J
75-15-0-----	Carbon Disulfide	500	U J
75-35-4-----	1,1-Dichloroethene	200	D J
75-34-3-----	1,1-Dichloroethane	430	D J
67-66-3-----	Chloroform	500	U J
107-06-2-----	1,2-Dichloroethane	500	U J
78-93-3-----	2-Butanone	500	U J
71-55-6-----	1,1,1-Trichloroethane	3300	D J
56-23-5-----	Carbon Tetrachloride	500	U J
75-27-4-----	Bromodichloromethane	500	U J
78-87-5-----	1,2-Dichloropropane	500	U J
10061-01-5----	cis-1,3-Dichloropropene	500	U J
79-01-6-----	Trichloroethene	2500	D J
124-48-1-----	Dibromochloromethane	500	U J
79-00-5-----	1,1,2-Trichloroethane	500	U J
71-43-2-----	Benzene	500	U J
10061-02-6----	trans-1,3-Dichloropropene	500	U J
75-25-2-----	Bromoform	500	U J
108-10-1-----	4-Methyl-2-pentanone	500	U J
591-78-6-----	2-Hexanone	500	U J
127-18-4-----	Tetrachloroethene	4900	D J
108-88-3-----	Toluene	500	U J
79-34-5-----	1,1,2,2-Tetrachloroethane	500	U J
108-90-7-----	Chlorobenzene	500	U J
100-41-4-----	Ethylbenzene	500	U J
100-42-5-----	Styrene	500	U J
1330-20-7-----	Total Xylenes	500	U J
75-71-8-----	Dichlorodifluoromethane	500	U J
75-69-4-----	Trichlorofluoromethane	500	U J

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

37/826

Client No.

MW-118 DL

b Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039705DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9996.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/23/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 50.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	500	UJ
156-60-5-----	trans-1,2-Dichloroethene	500	UJ
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	500	UJ
156-59-2-----	cis-1,2-Dichloroethene	3400	DJ
110-82-7-----	Cyclohexane	500	UJ
108-87-2-----	Methylcyclohexane	500	UJ
106-93-4-----	1,2-Dibromoethane	500	UJ
98-82-8-----	Isopropylbenzene	500	UJ
541-73-1-----	1,3-Dichlorobenzene	500	UJ
106-46-7-----	1,4-Dichlorobenzene	500	UJ
95-50-1-----	1,2-Dichlorobenzene	500	UJ
96-12-8-----	1,2-Dibromo-3-chloropropane	500	UJ
120-82-1-----	1,2,4-Trichlorobenzene	500	UJ
79-20-9-----	Methyl acetate	500	UJ

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

38/826

Client No.

MW-118

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039705DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9996.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____

Date Analyzed: 01/23/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 50.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

39/826

Client No.

MW-119

Lab Name: STL Buffalo Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039706

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9937.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	4	J
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	1	J
75-34-3-----	1,1-Dichloroethane	42	
67-66-3-----	Chloroform	2	J
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	44	
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	64	
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	21	
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

40/826

Client No.

MW-119

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039706

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9937.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	1	J
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	56	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

41/826

Client No.

MW-119

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039706

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9937.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

42/826

Client No.

MW-120

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043803

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9915.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	9	J
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	1	J
75-34-3	1,1-Dichloroethane	25	
67-66-3	Chloroform	1	J
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	19	
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	12	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	4	J
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

43/826

Client No.

MW-120

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043803

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9915.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	36	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

44/826

Client No.

MW-120

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043803

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: 09915.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

45/826

Client No.

MW-121

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043802

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9914.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	10	U
75-01-4	-----Vinyl chloride	2	J
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene chloride	10	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	10	U
75-35-4	-----1,1-Dichloroethene	2	J
75-34-3	-----1,1-Dichloroethane	9	J
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	3	J
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	-----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	6	J
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	10	U
10061-02-6	-----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	3	J
108-88-3	-----Toluene	10	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	10	U
100-42-5	-----Styrene	10	U
1330-20-7	-----Total Xylenes	10	U
75-71-8	-----Dichlorodifluoromethane	10	U
75-69-4	-----Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

46/826

Client No.

MW-121

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043802

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9914.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	11	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

47/826

Client No.

MW-121

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER Lab Sample ID: A6043802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9914.RR

Level: (low/med) LOW Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____ Date Analyzed: 01/19/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

48/826

Client No.

MW-122

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039701

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9935.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl chloride	450	
75-00-3	Chloroethane	100	U
75-09-2	Methylene chloride	100	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	100	U
75-35-4	1,1-Dichloroethene	26	J
75-34-3	1,1-Dichloroethane	180	
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	160	
56-23-5	Carbon Tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	Trichloroethene	79	J
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	11	J
108-88-3	Toluene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	100	U
100-42-5	Styrene	100	U
1330-20-7	Total Xylenes	100	U
75-71-8	Dichlorodifluoromethane	100	U
75-69-4	Trichlorofluoromethane	100	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

49/826

Client No.

MW-122

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6039701

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9935.RR

Level: (low/med) LOW

Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U
156-60-5-----	trans-1,2-Dichloroethene	27	J
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	100	U
156-59-2-----	cis-1,2-Dichloroethene	1600	
110-82-7-----	Cyclohexane	100	U
108-87-2-----	Methylcyclohexane	100	U
106-93-4-----	1,2-Dibromoethane	100	U
98-82-8-----	Isopropylbenzene	100	U
541-73-1-----	1,3-Dichlorobenzene	100	U
106-46-7-----	1,4-Dichlorobenzene	100	U
95-50-1-----	1,2-Dichlorobenzene	100	U
96-12-8-----	1,2-Dibromo-3-chloropropane	100	U
120-82-1-----	1,2,4-Trichlorobenzene	100	U
79-20-9-----	Methyl acetate	100	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

50/826

Client No.

MW-122

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER Lab Sample ID: A6039701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9935.RR

Level: (low/med) LOW Date Samp/Recv: 01/11/2006 01/12/2006

% Moisture: not dec. _____ Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

51/826

Client No.

MW-123

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043801

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9946.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	1	J
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

52/826

Client No.

MW-123

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043801

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9946.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

53/826

Client No.

MW-123

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043801

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9946.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____

Date Analyzed: 01/20/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

54/826

Client No.

TRIP BLANK

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043804

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9869.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/18/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
108-88-3-----	Toluene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Total Xylenes	10	U
75-71-8-----	Dichlorodifluoromethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
ANALYSIS DATA SHEET

55/826

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043804

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9869.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 01/18/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-114

Contract: CN04-015

Lab Code: STLBFO

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601504

Level (low/med): LOW

Date Received: 1/12/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	104	B		P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	3.6	U	*	P
7440-39-3	Barium	41.6	B		P
7440-41-7	Beryllium	0.12	U	J	P
7440-43-9	Cadmium	0.26	U		P
7440-70-2	Calcium	108000			P
7440-47-3	Chromium	1.4	B		P
7440-48-4	Cobalt	28.0	B		P
7440-50-8	Copper	8.3	B		P
7439-89-6	Iron	114		NJ	P
7439-92-1	Lead	2.2	U		P
7439-95-4	Magnesium	32300			P
7439-96-5	Manganese	3.9	B		P
7440-02-0	Nickel	35.0	B		P
7440-09-7	Potassium	631	B		P
7782-49-2	Selenium	3.8	U	J	P
7439-97-6	Mercury	0.029	U		CV
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	114000			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	0.72	B		P
7440-66-6	Zinc	6.0	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

56/826

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: 0397

Matrix: (soil/water) WATER

Lab Sample ID: A6043804

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q9869.RR

Level: (low/med) LOW

Date Samp/Recv: 01/12/2006 01/13/2006

% Moisture: not dec. _____

Date Analyzed: 01/18/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-115

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601500

Level (low/med): LOW

Date Received: 1/12/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	678			P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	3.6	U	*	P
7440-39-3	Barium	36.4	B		P
7440-41-7	Beryllium	0.12	U	J	P
7440-43-9	Cadmium	0.26	U		P
7440-70-2	Calcium	162000			P
7440-47-3	Chromium	1.4	B		P
7440-48-4	Cobalt	2.2	B		P
7440-50-8	Copper	1.6	B		P
7439-89-6	Iron	860		XJ	P
7439-92-1	Lead	2.2	U		P
7439-95-4	Magnesium	48000			P
7439-96-5	Manganese	41.8			P
7440-02-0	Nickel	10.6	B		P
7440-09-7	Potassium	911	B		P
7782-49-2	Selenium	4.4	B	J	P
7439-97-6	Mercury	0.029	U		CV
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	32400			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	1.5	B		P
7440-66-6	Zinc	7.6	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-116

Contract: CN04-015

Lab Code: STLBFO

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601503

Level (low/med): LOW

Date Received: 1/12/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10.9	U		P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	3.6	U	*	P
7440-39-3	Barium	52.9	B		P
7440-41-7	Beryllium	0.12	U	J	P
7440-43-9	Cadmium	0.26	U		P
7440-70-2	Calcium	176000			P
7440-47-3	Chromium	0.54	U		P
7440-48-4	Cobalt	9.0	B		P
7440-50-8	Copper	2.3	B		P
7439-89-6	Iron	13.5	U	R	P
7439-92-1	Lead	2.2	U		P
7439-95-4	Magnesium	40200			P
7439-96-5	Manganese	1090			P
7440-02-0	Nickel	12.6	B		P
7440-09-7	Potassium	783	B		P
7782-49-2	Selenium	3.8	U	J	P
7439-97-6	Mercury	0.029	U		CV
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	62800			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	0.64	U		P
7440-66-6	Zinc	2.6	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-117

Contract: CN04-015

Lab Code: STLBFO

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601495

Level (low/med): LOW

Date Received: 1/12/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	162	B		P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	14.3		J	P
7440-39-3	Barium	69.6	B		P
7440-41-7	Beryllium	0.12	U	J	P
7440-43-9	Cadmium	0.26	U		P
7440-70-2	Calcium	81600			P
7440-47-3	Chromium	0.81	B		P
7440-48-4	Cobalt	0.47	U		P
7440-50-8	Copper	6.2	B		P
7439-89-6	Iron	2810		J	P
7439-92-1	Lead	2.2	U		P
7439-95-4	Magnesium	15700			P
7439-96-5	Manganese	259			P
7440-02-0	Nickel	1.0	B		P
7440-09-7	Potassium	1520	B		P
7782-49-2	Selenium	4.6	B	J	P
7439-97-6	Mercury	0.029	U		CV
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	6810			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	1.7	B		P
7440-66-6	Zinc	6.6	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-117A

Contract: CN04-015

Lab Code: STLBFO

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601499

Level (low/med): LOW

Date Received: 1/12/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	131	B		P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	9.3	B	J	P
7440-39-3	Barium	67.6	B		P
7440-41-7	Beryllium	0.12	U	J	P
7440-43-9	Cadmium	0.26	U		P
7440-70-2	Calcium	79900			P
7440-47-3	Chromium	0.54	U		P
7440-48-4	Cobalt	0.62	B		P
7440-50-8	Copper	5.2	B		P
7439-89-6	Iron	1810		J	P
7439-92-1	Lead	2.2	U		P
7439-95-4	Magnesium	15400			P
7439-96-5	Manganese	252			P
7440-02-0	Nickel	1.2	B		P
7440-09-7	Potassium	1480	B		P
7782-49-2	Selenium	3.8	U	J	P
7439-97-6	Mercury	0.029	U		CV
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	6270			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	1.8	B		P
7440-66-6	Zinc	3.5	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-118

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG No.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601501

Level (low/med): LOW

Date Received: 1/12/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1650			P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	3.6	U	*	P
7440-39-3	Barium	84.8	B		P
7440-41-7	Beryllium	0.15	B	J	P
7440-43-9	Cadmium	1.0	B		P
7440-70-2	Calcium	199000			P
7440-47-3	Chromium	2.9	B		P
7440-48-4	Cobalt	771			P
7440-50-8	Copper	155			P
7439-89-6	Iron	2450		N J	P
7439-92-1	Lead	18.0			P
7439-95-4	Magnesium	53200			P
7439-96-5	Manganese	3370			P
7440-02-0	Nickel	1670			P
7440-09-7	Potassium	2980	B		P
7782-49-2	Selenium	3.8	U	J	P
7439-97-6	Mercury	0.029	U		CV
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	361000			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	3.4	B		P
7440-66-6	Zinc	107			P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-119

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601502

Level (low/med): LOW

Date Received: 1/12/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1210			P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	3.8	B	J	P
7440-39-3	Barium	22.0	B		P
7440-41-7	Beryllium	0.12	U	J	P
7440-43-9	Cadmium	0.72	B		P
7440-70-2	Calcium	64000			P
7440-47-3	Chromium	2.2	B		P
7440-48-4	Cobalt	13.1	B		P
7440-50-8	Copper	16.2	B		P
7439-89-6	Iron	1410		J	P
7439-92-1	Lead	5.2			P
7439-95-4	Magnesium	13700			P
7439-96-5	Manganese	173			P
7440-02-0	Nickel	33.2	B		P
7440-09-7	Potassium	7510			P
7782-49-2	Selenium	3.8	U	J	P
7439-97-6	Mercury	0.029	U		CV
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	152000			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	4.2	B		P
7440-66-6	Zinc	29.2			P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-120

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601507

Level (low/med): LOW

Date Received: 1/13/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10.9	U		P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	3.6	U	*	P
7440-39-3	Barium	55.7	B		P
7440-41-7	Beryllium	0.12	U	J	P
7440-43-9	Cadmium	0.26	U		P
7440-70-2	Calcium	96300			P
7440-47-3	Chromium	0.56	B		P
7440-48-4	Cobalt	4.8	B		P
7440-50-8	Copper	1.4	B		P
7439-89-6	Iron	88.2	B	N J	P
7439-92-1	Lead	2.2	U		P
7439-95-4	Magnesium	13000			P
7439-96-5	Manganese	5920			P
7440-02-0	Nickel	12.8	B		P
7440-09-7	Potassium	26700			P
7782-49-2	Selenium	3.8	U	J	P
7440-22-4	Silver	0.76	U		P
7439-97-6	Mercury	0.029	U	J	CV
7440-23-5	Sodium	144000			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	0.64	U		P
7440-66-6	Zinc	7.3	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-121

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601506

Level (low/med): LOW

Date Received: 1/13/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	314			P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	4.6	B	J	P
7440-39-3	Barium	42.6	B		P
7440-41-7	Beryllium	0.12	U	J	P
7440-43-9	Cadmium	0.45	B		P
7440-70-2	Calcium	127000			P
7440-47-3	Chromium	1.4	B		P
7440-48-4	Cobalt	11.4	B		P
7440-50-8	Copper	9.1	B		P
7439-89-6	Iron	907		J	P
7439-92-1	Lead	3.0			P
7439-95-4	Magnesium	20600			P
7439-96-5	Manganese	165			P
7440-02-0	Nickel	37.0	B		P
7440-09-7	Potassium	2200	B		P
7782-49-2	Selenium	3.8	U	J	P
7440-22-4	Silver	0.76	U		P
7439-97-6	Mercury	0.029	U	J	CV
7440-23-5	Sodium	67900			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	2.2	B		P
7440-66-6	Zinc	9.7	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-122

Contract: CN04-015

Lab Code: STLBFO

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601494

Level (low/med): LOW

Date Received: 1/12/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	341			P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	3.6	U	*	P
7440-39-3	Barium	53.5	B		P
7440-41-7	Beryllium	0.23	B	J	P
7440-43-9	Cadmium	0.26	U		P
7440-70-2	Calcium	148000			P
7440-47-3	Chromium	1.3	B		P
7440-48-4	Cobalt	7.2	B		P
7440-50-8	Copper	4.1	B		P
7439-89-6	Iron	325		NJ	P
7439-92-1	Lead	2.2	U		P
7439-95-4	Magnesium	31300			P
7439-96-5	Manganese	1010			P
7440-02-0	Nickel	18.6	B		P
7440-09-7	Potassium	713	B		P
7782-49-2	Selenium	3.8	U	J	P
7439-97-6	Mercury	0.029	U		CV
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	31100			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	1.0	B		P
7440-66-6	Zinc	4.7	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

STL BUFFALO

Delta Environmental Consultants, Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-123

Contract: CN04-015

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: 0397

Matrix (soil/water): WATER

Lab Sample ID: AD601505

Level (low/med): LOW

Date Received: 1/13/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1120			P
7440-36-0	Antimony	5.2	U		P
7440-38-2	Arsenic	3.6	U	*	P
7440-39-3	Barium	52.8	B		P
7440-41-7	Beryllium	0.12	U	J	P
7440-43-9	Cadmium	0.26	U		P
7440-70-2	Calcium	187000			P
7440-47-3	Chromium	2.0	B		P
7440-48-4	Cobalt	0.93	B		P
7440-50-8	Copper	3.2	B		P
7439-89-6	Iron	1950		NJ	P
7439-92-1	Lead	2.3	B		P
7439-95-4	Magnesium	54500			P
7439-96-5	Manganese	197			P
7440-02-0	Nickel	1.7	B		P
7440-09-7	Potassium	6910			P
7782-49-2	Selenium	3.8	U	J	P
7440-22-4	Silver	0.76	U		P
7439-97-6	Mercury	0.029	U	J	CV
7440-23-5	Sodium	10900			P
7440-28-0	Thallium	4.4	U		P
7440-62-2	Vanadium	2.6	B		P
7440-66-6	Zinc	8.3	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

Wet Chemistry Analysis

68/826

Client Sample No.

MW-114

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6039708% Solids: 0.0Date Samp/Recv: 01/11/2006 01/12/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.030	U			425.1	01/12/2006

Comments:

Wet Chemistry Analysis

69/826

Client Sample No.

MW-115

b Name: STL Buffalo

Contract: _____

Lab Code: RECONY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6039704% Solids: 0.0Date Samp/Recv: 01/11/2006 01/12/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants _____	MG/L	0.060	U			425.1	01/12/2006

Comments:

Wet Chemistry Analysis

70/826

Client Sample No.

MW-116

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6039707% Solids: 0.0Date Samp/Recv: 01/11/2006 01/12/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.030	U			425.1	01/12/2006

Comments:

Wet Chemistry Analysis

71/826

Client Sample No.

MW-117

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6039702% Solids: 0.0Date Samp/Recv: 01/11/2006 01/12/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.19		3		425.1	01/12/2006

Comments:

Wet Chemistry Analysis

72/826

Client Sample No.

MW-117A

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6039703% Solids: 0.0Date Samp/Recv: 01/11/2006 01/12/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants _____	MG/L	0.19		J		425.1	01/12/2006

Comments:

Wet Chemistry Analysis

73/826

Client Sample No.

MW-118

Job Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6039705% Solids: 0.0Date Samp/Recv: 01/11/2006 01/12/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	3.0	U			425.1	01/12/2006

Comments:

Wet Chemistry Analysis

74/826

Client Sample No.

MW-119

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6039706% Solids: 0.0Date Samp/Recv: 01/11/2006 01/12/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants _____	MG/L	0.20		J		425.1	01/12/2006

Comments:

Wet Chemistry Analysis

75/826

Client Sample No.

MW-120

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6043803% Solids: 0.0Date Samp/Recv: 01/12/2006 01/13/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.31		J		425.1	01/14/2006

Comments:

Wet Chemistry Analysis

76/826

Client Sample No.

MW-121

Lab Name: STL Buffalo

Contract: _____

Lab Code: REQNY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6043802% Solids: 0.0Date Samp/Recv: 01/12/2006 01/13/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants _____	MG/L	0.051		J		425.1	01/14/2006

Comments:

Wet Chemistry Analysis

77/826

Client Sample No.

MW-122

Job Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6039701% Solids: 0.0Date Samp/Recv: 01/11/2006 01/12/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.030	U			425.1	01/12/2006

Comments:

Wet Chemistry Analysis

78/826

Client Sample No.

MW-123

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397Matrix (soil/water): WATERLab Sample ID: A6043801% Solids: 0.0Date Samp/Recv: 01/12/2006 01/13/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
MBAS - Surfactants	MG/L	0.030	U			425.1	01/14/2006

Comments:

DELTA - AQ - ASP 2000/8260 - TCL VOLATILES
WATER SURROGATE RECOVERY

79/826

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 0397

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	MSB59	A6B1242001	94		101		98							0
2	MSB60	A6B1251301	100		104		103							0
3	msb61	A6B1257401	95		100		100							0
4	MSB63	A6B1264101	97		104		101							0
5	MW-114	A6039708	96		105		100							0
6	MW-115	A6039704	94		106		100							0
7	MW-116	A6039707	98		111		102							0
8	MW-116	A6039707DL	95		105		100							0
9	MW-117	A6039702	99		109		101							0
10	MW-117 MS	A6039702MS	100		107		100							0
11	MW-117 SD	A6039702SD	99		107		99							0
12	MW-117A	A6039703	99		107		101							0
13	MW-118	A6039705	95		103		98							0
14	MW-118	A6039705DL	98		104		100							0
15	MW-119	A6039706	96		106		100							0
16	MW-120	A6043803	99		107		101							0
17	MW-121	A6043802	98		106		101							0
18	MW-122	A6039701	95		105		99							0
19	MW-123	A6043801	96		107		99							0
20	TRIP BLANK	A6043804	95		102		99							0
21	VBLK59	A6B1242002	96		104		101							0
22	VBLK60	A6B1251302	100		104		103							0
23	VBLK61	A6B1257402	96		102		99							0
24	VBLK63	A6B1264102	96		104		100							0
25	VHB	A6039709	97		108		101							0

QC LIMITS

BFB = p-Bromofluorobenzene
DCE = 1,2-Dichloroethane-D4
TOL = Toluene-D8

(86-115)
(76-114)
(88-110)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

ATTACHMENT 3

SOIL BORING LOGS
AND
GROUNDWATER SAMPLING LOGS

DELTA ENVIRONMENTAL CONSULTANTS
TEST BORING LOG
BORING NO.: MW-114

PROJECT: Geneva, NY					Sheet 1 of 1	
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1						
DRILLING METHOD: H.S.A.		SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: CME 55		Split-Spoon	NA	NA	NA	
DRILLER: Lyon Drilling					DATE: 7-14-05	
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	3.0	2.0	Brn, Silt and Clay with little gravel and cinder fill, moist	Soil sample MW-114A at 2' to 4'
1.0						
2.0						
3.0						
4.0						
	2		4.0	1.0	Brn, Silt and Clay, damp	
5.0						
6.0				1.0	Brn, F. Sand, moist to vy moist	
7.0						
8.0				2.0	Brn, Vy F. Sand with little silt, moist to vy moist	
	3		4.0	3.0	same as above, wet	Soil sample MW-114B at 8' to 12'
9.0						
10.0						
11.0						
12.0						
	4		4.0	2.0	Brn, F. Sand, wet	
13.0						
14.0						
15.0						
				0.0	Brn, Clay, wet	
16.0						
17.0					Boring terminated at 16'	
18.0					Monitoring well set at 14' BG. Well screen 4' to 14', sand pack 2.7' to 14', bentonite seal 1.2' to 2.7', grout 0' to 1.2', flush mount casing	

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG BORING NO.: MW-115

PROJECT: Geneva, NY						Sheet 1 of 1
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1						
DRILLING METHOD: H.S.A.		SAMPLER		BIT SIZE	CORE	CASING
DRILLING RIG: CME-55		Split-Spoon		NA	NA	NA
DRILLER: Lyon Drilling						DATE: 7-12-05
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	3.5	0.0	Gravel Fill, moist	
1.0						0.9'
				0.0	Brn, Silt, moist	
2.0						2.5'
				0.0	Brn, Vy F. Sand with little silt, vy moist	Soil sample MW-115A at 1' to 4'
3.0						
4.0						
	2		4.0	0.0	same as above	
5.0						
6.0						
7.0						
8.0						
	3		4.0	0.0	same as above	Soil sample MW-115B at 8' to 12'
9.0				0.0	Brn, Vy F. Sand, wet	
10.0						
11.0						11.0'
				0.0	Brn, Clay, stiff, moist	
12.0						
	4		4.0	0.0	same as above	
13.0						
14.0						
15.0						
16.0						16.0'
					Boring terminated at 16'	
17.0					Monitoring well set at 14' BG. Well screen 4' to 14', sand pack 2.7' to 14', bentonite seal 1.2' to 2.7', grout 0' to 1.2', flush mount casing	
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG BORING NO.: MW-116

PROJECT: Geneva, NY						Sheet 1 of 1	
CLIENT: HB Fuller							
DELTA PROJECT NO: V004210-1							
DRILLING METHOD: H.S.A.				SAMPLER		BIT SIZE	
DRILLING RIG: CME-55				Split-Spoon		NA	
DRILLER: Lyon Drilling				CORE		CASING	
				NA		NA	
						DATE: 7-12-05	
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS	
	1	NA	1.4	0.0	Gravel Fill and Silt, moist	Soil sample MW-116A at 2' to 4'	
1.0							
2.0							
3.0							
4.0					4.0'		
	2		4.0	0.0	Brn, Silt and Clay, moist	Soil sample MW-116B at 8' to 14'	
5.0							
6.0							
7.0				0.0	Brn, Vy F. Sand and Silt, wet		
					6.5'		
						7.6'	
8.0				0.0	Brn, Clay, stiff, moist	8.0'	
	3		4.0	0.0	Brn, Silt with little vy f. sand, vy moist	Soil sample MW-116B at 8' to 14'	
9.0							
10.0							
11.0							
12.0							
	4		4.0	0.0	same as above		
13.0							
14.0							
15.0							
16.0					16.0'		
					Boring terminated at 16'		
17.0					Monitoring well set at 14' BG. Well screen 4' to 14', sand pack		
					2.7' to 14', bentonite seal 1.2' to 2.7', grout 0' to 1.2', flush mount		
18.0					casing		

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: MW-117

PROJECT: HB Fuller, Geneva, NY						Sheet 1 of 1
CLIENT: HB Fuller						
DELTA PROJECT NO: V0042101						
DRILLING METHOD: 4.25" H.S.A			SAMPLER	BIT SIZE	CORE	CASING
DRILLING RIG: CME 55			Macro Core	NA	NA	NA
DRILLER: Lyon Drilling			INSPECTOR: Mark J Schumacher			DATE: 7-12-05
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	1.3	0	Brn., Silt and F. Gravel, damp, no odors	Soil sample MW-117A from depth of 6.0' - 10.0'
1.0						
2.0						
3.0						
4.0					4.0'	
	2		2.5	138	Black, F. Sand, moist, strong petroleum odor, black staining	
5.0						
6.0						
				138	wet at 6.0 feet	
7.0						
	3		4.0	138	same as above	Soil sample MW-117B from depth of 12.0' - 16.0'
9.0						
10.0					9.8'	
				68	Brn., F. Sand, wet, light petroleum odor	
11.0					11.2'	
				48	Brn., Silt and Clay, wet, light petroleum odor	
12.0					12.0'	
	4		4.0	26	Brn., Clay, wet, trace petroleum odor	
13.0						
14.0						
				0	no odors	
15.0						
16.0					16.0'	
					Boring Terminated at 16.0'	
17.0					Well set to 14' with 10' of screen.	
18.0					Sand 2.6' to 14', Bentonite Seal 1.1' to 2.6', Grout 0 - 1.1'	

DELTA ENVIRONMENTAL CONSULTANTS
TEST BORING LOG
BORING NO.: MW-118

PROJECT: Geneva, NY					Sheet 1 of 1	
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1						
DRILLING METHOD: H.S.A.			SAMPLER	BIT SIZE	CORE	CASING
DRILLING RIG: CME-55			Split-Spoon	NA	NA	NA
DRILLER: Lyon Drilling			DATE: 7-12-05			
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	1.7	1.8	Gravel Fill with trace silt, moist	Soil sample MW-118A at 2' to 4'
1.0						
2.0						
3.0						
4.0					4.0'	
	2		4.0	1.8	Brn, Silt and Clay, stiff, moist	Soil sample MW-118B at 6' to 11'
5.0						
6.0					6.1'	
				8.2	Brn, Vy F. Sand, wet	
7.0						
	3		4.0	8.2	same as above	
8.0						
9.0						
10.0						
11.0					11.1'	
				0.0	Brn, Silt and Clay, vy moist	
12.0						
	4		4.0	0.0	same as above	
13.0						
14.0						
15.0						
16.0					16.0'	
					Boring terminated at 16'	
17.0					Monitoring well set at 14' BG. Well screen 4' to 14', sand pack 2.7' to 14', bentonite seal 1.2' to 2.7', grout 0' to 1.2', flush mount casing	
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: MW-119

PROJECT: Geneva, NY					Sheet 1 of 1
CLIENT: HB Fuller					
DELTA PROJECT NO: V004210-1					
DRILLING METHOD: H.S.A.		SAMPLER		BIT SIZE	CORE
DRILLING RIG: CME-55		Split-Spoon		NA	NA
DRILLER: Lyon Drilling				CASING	DATE: 7-11-05
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	REMARKS
					SOIL DESCRIPTION
	1	NA	2.5	0.0	Gravel Fill, moist
1.0					
2.0					2.1'
				8.7	Brn, Silt with some gravel fill, moist
3.0					
4.0					4.0'
	2		4.0	1.5	Brn, Silt and Clay, stiff
5.0					
6.0					water noted in borehole
7.0					
8.0					
	3		4.0	1.5	same as above
9.0					8.8'
				3.7	Brn, vy f. sand, wet
10.0					
11.0					11.4'
12.0				3.7	Brn, Silt and Clay, wet
	4		4.0	1.0	Brn, Silt and F.Sand (interbedded), wet
13.0					
14.0					14.1'
				1.0	Gray, Clay, moist
15.0					
16.0					16.0'
					Boring terminated at 16'
17.0					Monitoring well set at 14' BG. Well screen 4' to 14', sand pack
					2.7' to 14', bentonite seal 1.2' to 2.7', grout 0' to 1.2', flush mount
18.0					casing

DELTA ENVIRONMENTAL CONSULTANTS
TEST BORING LOG
BORING NO.: MW-120

PROJECT: Geneva, NY					Sheet 1 of 1			
CLIENT: HB Fuller								
DELTA PROJECT NO: V004210-1								
DRILLING METHOD: H.S.A.				SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: CME-55				Split-Spoon	NA	NA	NA	DATE: 7-11-05
DRILLER: Lyon Drilling								
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION		REMARKS	
	1	NA	3.1	0.0	Gravel Fill with little silt, moist		Soil sample MW-120A at 2' to 4'	
1.0					1.0'			
				3.6	Brn, Silt with trace gravel fill, moist			
2.0								
3.0								
4.0					4.0'			
	2		3.5	2.2	Brn, F. Sand, moist			
5.0								
6.0					wet @ 6.0'			
7.0								
8.0								
	3		4.0	2.2	same as above		Soil sample MW-120B at 8' to 12'	
9.0								
				2.8	Brn, Silt and Clay, trace f. sand, wet			
10.0								
11.0								
12.0					12.0'			
	4		4.0	0.0	Brn, F. Sand and Silt (interbedded), wet			
13.0								
14.0								
15.0								
16.0					16.0'			
					Boring terminated at 16'			
17.0					Monitoring well set at 14' BG. Well screen 4' to 14', sand pack			
					2.7' to 14', bentonite seal 1.2' to 2.7', grout 0' to 1.2', flush mount			
18.0					casing			

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG BORING NO.: MW-121

PROJECT: Geneva, NY						Sheet 1 of 1
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1						
DRILLING METHOD: H.S.A.		SAMPLER		BIT SIZE	CORE	CASING
DRILLING RIG: LM-1		Split-Spoon		NA	NA	NA
DRILLER: Lyon Drilling		DATE: 7-13-05				
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	1.7	0.0	Railroad cinders	
1.0						1.1'
				0.0	Brn, F. Sand, dry	
2.0						
3.0						3.1'
				0.0	Brn, Silt, damp	
4.0						4.0'
	2		2.9	8.4	Brn, F. Sand with some silt, moist	
5.0						
					wet @ 5.5'	
6.0						
7.0						
8.0						8.0'
	3		4.0	9.5	Brn, Silt and Clay, wet	
9.0						
10.0						
11.0						
12.0						12.0'
	4		4.0	2.0	Brn, Silt, Clay and F. Sand (interbedded), moist to wet	
13.0						
14.0						
15.0						
16.0						16.0'
					Boring terminated at 16'	
17.0					Monitoring well set at 14' BG. Well screen 4' to 14', sand pack	
					2.7' to 14', bentonite seal 1.2' to 2.7', grout 0' to 1.2', flush mount	
18.0					casing	

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: MW-122

PROJECT: Geneva, NY						Sheet 1 of 1	
CLIENT: HB Fuller							
DELTA PROJECT NO: V004210-1							
DRILLING METHOD: H.S.A.				SAMPLER	BIT SIZE	CORE	CASING
DRILLING RIG: LM-1				Split-Spoon	NA	NA	NA
DRILLER: Lyon Drilling				DATE: 7-13-05			
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS	
	1	NA	3.1	0.0	Brn, F. Sand, dry	Soil sample MW-122A at 2' to 4'	
1.0							
					1.4'		
2.0				1.0	Brn, Silt and Clay, dry		
3.0						Soil sample MW-122B at 8' to 12'	
4.0							
	2		4.0	1.0	same as above		
5.0							
6.0							
7.0							
					7.7'		
8.0	3		4.0	4.0	Brn, F. Sand, wet		
9.0							
10.0							
11.0						Soil sample MW-122B at 8' to 12'	
12.0							
	4		4.0	2.0	same as above		
13.0							
14.0							
15.0							
16.0							
					16.0'		
17.0					Boring terminated at 16'		
18.0					Monitoring well set at 14' BG. Well screen 4' to 14', sand pack 2.7' to 14', bentonite seal 1.2' to 2.7', grout 0' to 1.2', flush mount casing		

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG BORING NO.: MW-123

PROJECT: Geneva, NY						Sheet 1 of 1	
CLIENT: HB Fuller							
DELTA PROJECT NO: V004210-1							
DRILLING METHOD: H.S.A.		SAMPLER		BIT SIZE		CORE	
DRILLING RIG: CME 55		Split-Spoon		NA		NA	
DRILLER: Lyon Drilling							
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION		REMARKS
	1	NA	3.1	0.0	Fill (brick and gravel), dry		Soil sample MW-123A at 8' to 12' Soil sample MW-123B at 12' to 16'
1.0							
2.0							
3.0				1.0	Brn, F. Sand, dry		
4.0							
	2		4.0	2.0	same as above		
5.0							
6.0					wet @ 6'		
7.0							
8.0				2.0	Brn, Silt and Vy F. Sand, wet		
	3		4.0	3.0	Brn, F. Sand, wet		
9.0							
10.0							
11.0					gray		
12.0							
	4		4.0	3.0	same as above		
13.0							
14.0							
15.0							
16.0							
					Boring terminated at 16'		
17.0					Monitoring well set at 14' BG. Well screen 4' to 14', sand pack 2.7' to 14', bentonite seal 1.2' to 2.7', grout 0' to 1.2', stickup casing		
18.0							

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: SBE-11

PROJECT: Geneva, NY						Sheet 1 of 1
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1						
DRILLING METHOD: H.S.A.		SAMPLER		BIT SIZE	CORE	CASING
DRILLING RIG: CME 55		Split-Spoon		NA	NA	NA
DRILLER: Lyon Drilling						DATE: 7-14-05
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	2.2	0.0	Fill (gravel, cinders, sand, brick), dry	Soil sample SBE-11A at 2' to 4'
1.0						
2.0						
3.0						
4.0					4.0'	
	2		4.0	0.0	Brn, Silt and Clay, moist	Soil sample SBE-11B at 8' to 12'
5.0						
6.0						
7.0						
8.0					8.0'	
	3		4.0	0.0	Brn, Vy F. Sand and Silt, wet	Soil sample SBE-11B at 8' to 12'
9.0						
10.0						
11.0						
12.0						
	4		4.0	0.0	same as above	Soil sample SBE-11B at 8' to 12'
13.0						
14.0						
15.0					15.1'	
			0.0		Gray, Clay, wet	
16.0						16.0'
					Boring terminated at 16'	
17.0						
18.0						

DELTA ENVIRONMENTAL CONSULTANTS
TEST BORING LOG
BORING NO.: SBA-12

PROJECT: Geneva, NY						Sheet 1 of 1	
CLIENT: HB Fuller							
DELTA PROJECT NO: V004210-1							
DRILLING METHOD: H.S.A.				SAMPLER	BIT SIZE	CORE	CASING
DRILLING RIG: CME 55				Split-Spoon	NA	NA	NA
DRILLER: Lyon Drilling				DATE: 7-14-05			
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS	
	1	NA	0.2	0.0	Fill (brick), dry		
1.0							
2.0							
3.0							
4.0					4.0'		
	2		3.2	1.0	Brn, F. Sand, dry	Soil sample SBA-12A at 4' to 8'	
5.0							
6.0				1.0	Blk, Cinder Fill, dry		
7.0					wet @ 7'		
8.0							
	3		4.0	1.0	same as above	Soil sample SBA-12B at 8' to 12'	
9.0							
				0.0	Gray, Silt and Clay, wet		
10.0							
11.0							
12.0						12.0'	
					Boring terminated at 12'		
13.0							
14.0							
15.0							
16.0							
17.0							
18.0							

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: SBC-16

PROJECT: Geneva, NY					Sheet 1 of 1	
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1						
DRILLING METHOD: H.S.A.		SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: CME 55		Split-Spoon	NA	NA	NA	
DRILLER: Lyon Drilling		DATE: 7-14-05				
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	3.0	0.0	Gravel Fill beneath 0.1' of asphalt cover	Soil sample SBC-16A at 2' to 4'
1.0						
					1.5'	
2.0				3.0	Brn, Silt and Clay, moist	
3.0						
4.0						
	2		4.0	3.0	same as above, vy moist	
5.0						
6.0						
7.0					7.1'	
				2.0	Brn, F. Sand, wet	Soil sample SBC-16C at 8' to 12'
8.0						
	3		4.0	3.0	same as above with trace silt, wet	
9.0						
10.0						
11.0					11.0'	
				3.0	Brn, Clay, wet	
12.0						
	4		4.0	1.0	same as above	
13.0						
14.0						
15.0						
16.0					16.0'	
					Boring terminated at 16'	
17.0						
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

FIELD OBSERVATION LOG

GROUNDWATER SAMPLING RECORD

Site: 61 Gates Ave., Geneva, NY

Date: 10/18/05

Project No: V0042101

Weather/Temp: Sunny, 50 degrees

Sampler: Mark J Schumacher Signature: _____

Time of Arrival: Time of Departure:

Sampler: Jennifer Hull Signature: _____

830 1630

Well No:	MW-114	MW-115	MW-116	MW-117	MW-118	MW-119	MW-120	MW-121	MW-122	MW-123			
Depth of Well (TOC):	14.00	14.00	13.90	13.70	14.00	14.00	14.00	14.00	14.00	16.50			
Depth to Groundwater (TOC):	10.20	9.65	9.40	6.32	6.95	6.50	11.80	13.65	10.30	9.05			
Elevation at Top of PVC:	462.03	462.25	462.44	463.44	462.40	462.68	462.12	461.77	461.65	456.42			
Elevation at Top of Screen:	458.03	458.25	458.54	459.74	458.40	458.68	458.12	457.77	457.65	449.92			
Water Level Elevation:	451.83	452.60	453.04	457.12	455.45	456.18	450.32	448.12	451.35	447.37			
Well Volume:	0.62	0.71	0.73	1.20	1.15	1.22	0.36	0.06	0.60	1.21			
Volume Bailed (gallons):	1.86	2.13	2.20	3.61	3.45	3.67	1.08	0.17	1.81	3.64			

Purging Method: Low flow pumps

Observations:

color	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear			
sheen	None	None	None	Lt Pet	None	None	None	None	None	None			
odor	None	None	None	Lt Pet	None	None	None	None	None	None			
pH	7.24	7.11	7.21	6.3	6.95	7.34	7.16	NA	7.3	7.4			
temperature (C.)	15.1	15.3	14.7	14.9	15.3	16.1	15.5	NA	15.2	14.5			
conductivity (ms/cm)	0.87	1.66	0.65	1.02	2.42	0.78	0.99	NA	0.73	0.87			
turbidity (NTU)	7	183	52	49	155	80	240	NA	241	21			

Comments:

DELTA ENVIRONMENTAL CONSULTANTS
FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

Site: 61 Gates Ave., Geneva, NY

Date: 1/11/2006-1/12/2006

Project No: V0042101

Weather/Temp: Sunny, 40 degrees

Sampler: Jennifer L. Hull Signature: _____

Time of Arrival: Time of Departure:

Sampler: _____ Signature: _____

1/11/2006	<u>845</u>	<u>1630</u>
1/12/2006	<u>850</u>	<u>1145</u>

Well No:	MW-114	MW-115	MW-116	MW-117	MW-118	MW-119	MW-120	MW-121	MW-122	MW-123			
Depth of Well (TOC):	14.00	14.00	13.90	13.70	14.00	14.00	14.00	14.00	14.00	16.50			
Depth to Groundwater (TOC):	9.45	7.10	9.50	4.90	5.55	5.65	11.40	13.25	9.25	6.80			
Elevation at Top of PVC:	462.03	462.25	462.44	463.44	462.40	462.68	462.12	461.77	461.65	456.42			
Elevation at Top of Screen:	458.03	458.25	458.54	459.74	458.40	458.68	458.12	457.77	457.65	449.92			
Water Level Elevation:	452.58	455.15	452.94	458.54	456.85	457.03	450.72	448.52	452.40	449.62			
Well Volume:	0.74	1.12	0.72	1.43	1.38	1.36	0.42	0.12	0.77	1.58			
Volume Bailed (gallons):	2.22	3.37	2.15	4.30	4.13	4.08	1.27	0.37	2.32	4.74			

Purging Method: Low flow pumps

Observations:

color	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear			
sheen	None	None	None	None	None	None	None	None	None	None			
odor	None	None	None	Lt Pet	None	None	None	None	None	None			
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
temperature (C.)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
conductivity (ms/cm)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
turbidity (NTU)	49	52	45	67	57	30	52	60	62	82			

Comments:

Monitoring wells MW-114, MW-115, MW-116, MW-117, MW-118, MW-119, and MW-122 were sampled on 1/11/2006

Monitoring wells MW-120, MW-121 and MW-123 were sampled on 1/12/2006

All samples were analyzed for TCL 8260, TAL Metals and MBAs

ATTACHMENT 4

SUPPORT DOCUMENTS



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29 November 2005

James H. Craft
New York State Department of Environmental Conservation—Region 8
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414-9519

Re: Limited Site Investigation Report
61 Gates Avenue, Geneva, NY
VCP No. V00119-8
NYSDEC Spill No. 0504324
Delta Project No. V004210-1

Dear Mr. Craft:

Delta Environmental Consultants, Inc. (Delta) conducted a Limited Site Investigation on behalf of the HB Fuller Company at the subject site to define the horizontal and vertical extent of petroleum-impacted soils encountered near the northwest building corner during the installation (July 2005) of soil boring MW-117. Work associated with the installation of MW-117 was conducted as part of investigation activities that were being performed at the site as part of the New York State Department of Environmental Conservation (NYSDEC) approved Voluntary Cleanup Program (VCP) investigation activities.

A work plan was submitted to the Department on 1 September 2005 for the performance of this Limited Site Investigation. NYSDEC approved the work plan on 14 September 2005 with minor modifications. This report describes the tasks performed consistent with the approved work plan, summarizes the analytical results of sampling activities, and provides a summary of findings and recommendations.

SCOPE OF WORK

Soil Boring Installations

On 17 October 2005, ten soil borings (B-1 to B-10) were installed at the site to evaluate subsurface soil conditions (Figure 1). Soil borings were installed to a maximum depth of 16 feet below grade using a direct-push drill rig. Soil samples were collected continuously from grade to completion at each boring location. Delta's on-site geologist visually inspected and screened all soil samples in the field with a Photoionization Detector (PID) to assess the potential presence of volatile organic compounds (VOCs).

Based on field screening data, visual observations, odors and soil boring location, Delta selected eight soil samples for laboratory analysis: B-1 (8'-12'), B-2 (12'-16'), B-3 (8'-11'), B-4 (8'-11'), B-5 (9'-11'), B-6

(8'-12'), B-7 (8'-10') and B-8 (8'-12'). Soil samples were generally collected from depth intervals which exhibited petroleum impacts (elevated PID readings, staining, odors). Samples were also collected from zones that did not exhibit impacts to verify the vertical extent of impacts. Samples were analyzed for Total Petroleum Hydrocarbons (NYSDOH Method 310.13), VOCs (EPA Method 8260) and STARS SVOC (EPA Method 8270 base/neutrals). Soil samples were analyzed by Severn Trent Laboratories, Inc. (STL), located in Amherst, New York. STL is an NYSDOH ELAP certified analytical laboratory.

Upon completion of each soil boring, the borehole was backfilled with soil cuttings. Soil descriptions and field screening data for each boring are presented on soil boring logs (Attachment 1).

Data Evaluation

The soil analytical data were reviewed and checked by Delta for completeness and accuracy. The soil analytical data were compared to NYSDEC TAGM 4046 recommended soil cleanup objectives.

RESULTS

Soil Sampling / Soil Boring Results

Soil boring data indicated that materials located beneath the investigation area consisted of a silt and clay unit with some interbedded sand layers of varying thickness at depths from 8 feet to 12 feet below grade. Groundwater was generally observed in borings at depths ranging from 8 feet to 12 feet below grade. Underlying materials consisted of a moist to dry, clay and/or silt and clay unit. Field screening indicated the presence of petroleum-impacted soils at the following locations and depths:

- A 10 foot-thick layer of petroleum-impacted soils (4 feet to 14 feet) was encountered in soil boring MW-117. Soils exhibited petroleum odors and black staining. PID readings ranged from 26 ppm to 138 ppm.
- A 5.5 foot-thick layer of petroleum-impacted soils (10 feet to 15.5 feet) was encountered in soil boring B-2. Soils exhibited petroleum odors. PID readings ranged from 2.4 ppm to 8.5 ppm.
- A 3.5 foot-thick layer of petroleum impacted soils (7 feet to 10.5 feet) was encountered in soil boring B-3. Soils exhibited petroleum odors. PID readings ranged from 1.5 ppm to 4.5 ppm.
- A 2 foot-thick layer of petroleum-impacted soils (9 feet to 11 feet) was encountered in soil boring B-5. Soils exhibited petroleum odors. PID readings were 9.5 ppm.
- A 4.5 foot-thick layer of petroleum-impacted soils (6 feet to 10.5 feet) was encountered in soil boring B-7. Soils exhibited petroleum odors and black staining. PID readings were 5.4 ppm.

No evidence of petroleum impacts were observed in borings B-1, B-4, B-6, B-8, B-9 and B-10.

Soil Sampling / Analytical Results

A review of the soil analytical data indicated that VOCs and SVOCs were detected in the majority of soil borings at low concentrations. However, the data also indicated that concentrations of detected analytes did not exceed NYSDEC TAGM 4046 soil cleanup objectives in any of the soil samples (Table 1).

Petroleum hydrocarbons (No. 2 Fuel Oil) were only detected in soil boring B-3 at a low concentration. Laboratory analytical reports are provided in Attachment 2.

SUMMARY

Field observations and soil analytical data indicated that petroleum impacts were present in soil boring MW-117 and the soil borings immediately surrounding MW-117 (B-2, B-3, B-5 and B-7) at depths of between 4 feet and 15.5 feet below grade. Petroleum impacts were generally observed across the saturated zone of the respective soil borings with limited impacts observed in the unsaturated zone. An underlying clay layer appears to have limited vertical migration in the area. Field observations and analytical data also indicated that petroleum-impacted soils were not observed in borings B-1, B-4, B-6, B-8, B-9, and B-10, which were located horizontally outward from borings where impacts were observed. This indicates that the nature and extent of petroleum-impacted soils have been adequately defined in this area of the site (impacted area of approximately 23 feet wide by 30 feet long).

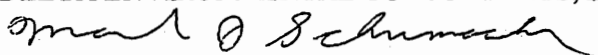
Soil analytical data indicated that concentrations of VOCs and SVOCs detected in soil samples were significantly below the NYSDEC TAGM 4046 recommended soil cleanup objectives. The analytical data also indicated that No. 2 fuel oil was detected in one of the soil samples. This data correlates with findings of a 29 May 1996, Phase I Environmental Assessment conducted by Environmental Strategies Corporation (ECS), which indicated that a 3,000-gallon underground storage tank (UST) that was utilized for fuel oil storage had been previously located in the area of the site where the limited site investigation was conducted. According to available documentation (Attachment 3) a release was observed from the tank and reported to NYSDEC. Reportedly, the UST was removed in 1984 along with an estimated 20 to 25 cubic yards of petroleum-impacted soil, which was spread on the ground surface near the excavation.

RECOMMENDATIONS

Field observations indicated that petroleum-impacted soils were observed across a limited area of the site where a former 3,000-gallon UST had been located. Soil analytical data indicated that concentrations of VOCs and SVOCs detected in these impacted soils were below applicable NYSDEC TAGM 4046 recommended soil cleanup objectives. Therefore, Delta requests that NYSDEC issue a closure letter for the site indicating that Spill No. 0504324 is "Closed" and "No Further Action is Required".

Delta appreciates the opportunity to present the findings of this Limited Soil Investigation. If you have any questions or comments concerning this submittal, feel free to contact the undersigned at (315) 445-0224 or by e-mail (mschumacher@deltaenv.com).

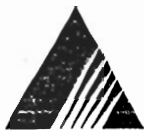
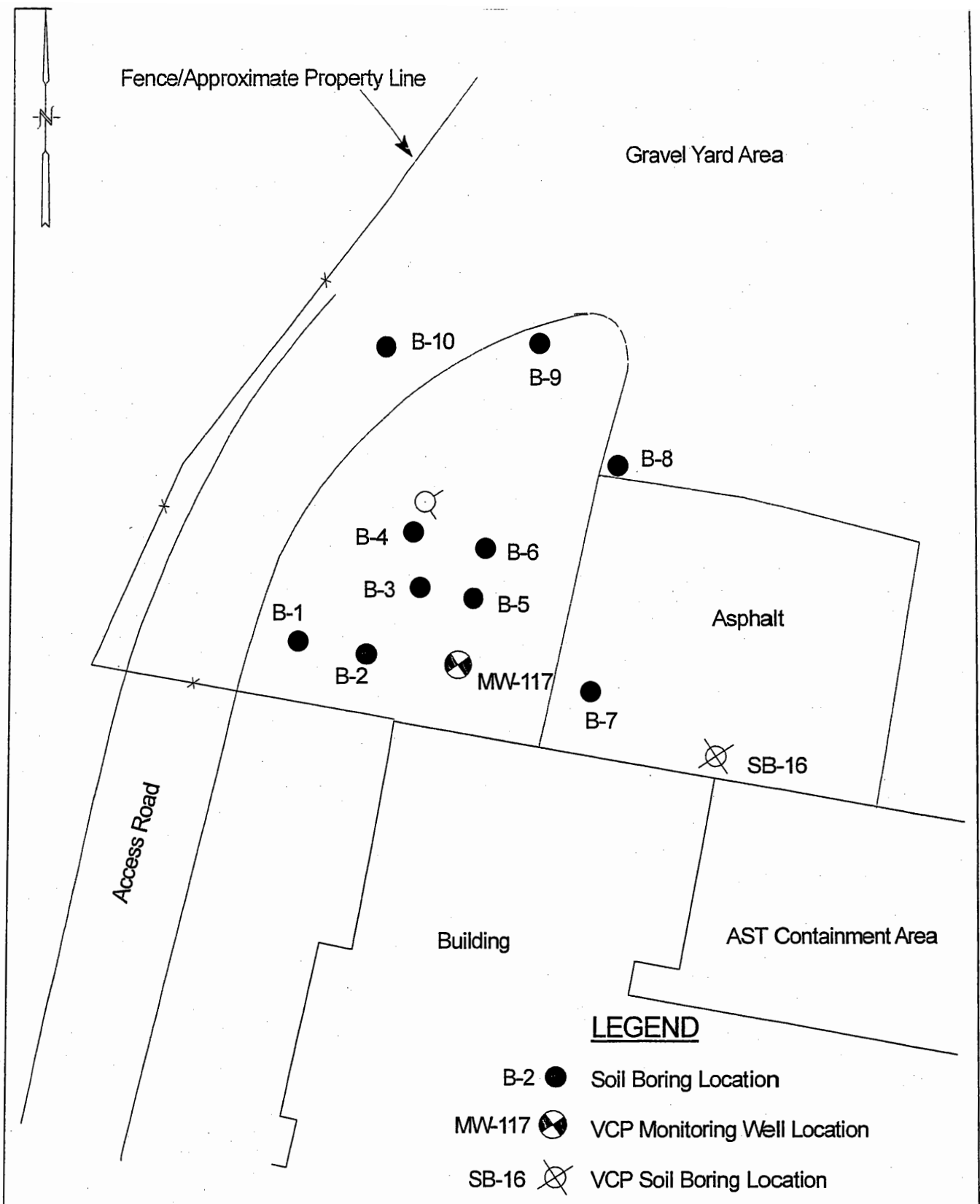
Sincerely,
DELTA ENVIRONMENTAL CONSULTANTS, INC.



Mark J. Schumacher
Project Manager

Attachments

Cc: D. Crisman, HB Fuller Company
A. Savino, Delta Environmental Consultants



Delta
Environmental
Consultants Inc.

104 JAMESVILLE ROAD
SYRACUSE, NY 13214
PHONE: (315) 445-0224
FAX: (315) 445-0793

DRAWN BY

MJS

CAD FILE

sifig1

DATE

11/05

SCALE

1" = 20'

Soil Boring Location Map

61 Gates Avenue
Geneva, New York

PREPARED FOR:

HB Fuller

FIGURE:

1

TABLE 1
Soil Analytical Data
61 Gates Avenue, Geneva, NY

PARAMETER	TAGM 4046 Recommended Soil Cleanup Objectives (ppb)	SAMPLE ID / Sample Depth (feet)									
		B-1 (8-12')	B-2 (12-16')	B-3 (8-11')	B-4 (8-11')	B-5 (9-11')	B-6 (8-12')	B-7 (8-10')	B-8 (8-12')	MW-117A (6-10')	MW117B (12-16')
Volatile Organic Compounds (ppb)											
Acetone	200	ND	8 J	7 J	3 J	7 J	2 J	9 J	ND	15	7 J
Benzene	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J
Cyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	23	ND
Ethylbenzene	5,500	ND	ND	ND	ND	ND	ND	3 J	ND	170	ND
1,1 Dichloroethene	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
1,1 Dichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	93
cis-1,2 Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	8J
Dichlorodifluoromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	2 J	ND
Isopropylbenzene	2,300	ND	2 J	ND	ND	ND	ND	1 J	ND	200	2 J
Methylene Chloride	100	5 J	ND	ND	5 J	5 J	5 J	5 J	ND	16	12
Methylcyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	120	ND
Total Xylenes	1,200	ND	ND	ND	ND	ND	ND	ND	ND	200	ND
Trichloroethene	700	ND	ND	ND	ND	3 J	ND	ND	ND	ND	2 J
Tetrachloroethene	1,400	ND	ND	ND	7 J	14	11 J	ND	ND	1 J	ND
Semi-Volatile Organic Compounds (ppb)											
Anthracene	50,000	ND	ND	ND	ND	15 J	ND	ND	ND	NA	NA
Benzo(a)anthracene	224 or MDL	ND	ND	ND	ND	4 J	ND	ND	ND	NA	NA
Benzo(b)fluoranthene	1,100	ND	ND	ND	ND	94 J	ND	ND	29 J	NA	NA
Benzo(k)fluoranthene	1,100	ND	ND	ND	ND	26 J	ND	ND	28 J	NA	NA
Benzo(ghi)perylene	50,000	ND	ND	ND	ND	1 J	ND	ND	13 J	NA	NA
Benzo(a)pyrene	61 or MDL	ND	ND	ND	ND	27 J	ND	ND	13 J	NA	NA
Chrysene	400	ND	ND	ND	ND	48 J	ND	ND	13 J	NA	NA
Fluoranthene	50,000	ND	ND	ND	ND	56 J	ND	ND	23 J	NA	NA
Fluorene	50,000	ND	ND	23 J	ND	17 J	ND	ND	ND	NA	NA
Indeno(1,2,3-cd)pyrene	3,200	ND	ND	ND	ND	39 J	ND	ND	ND	NA	NA
Phenanthrene	50,000	ND	ND	47 J	ND	27 J	ND	ND	ND	NA	NA
Pyrene	50,000	ND	ND	ND	ND	51 J	ND	ND	18 J	NA	NA
Total Petroleum Hydrocarbons (ppb)											
Fuel Oil #2	NS	ND	ND	35	ND	ND	ND	ND	ND	NA	NA

Notes:

ND: Compound not detected.

NA: Not analyzed.

NS: No standard.

MDL: Method Detection Limit.

J: Indicates estimated value.

12,000

Analyte detected at concentration in excess of NYSDEC TAGM 4046 recommended soil cleanup objective.

ATTACHMENT 1
SOIL BORING LOGS

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: MW-117

PROJECT: HB Fuller, Geneva, NY						Sheet 1 of 1
CLIENT: HB Fuller						
DELTA PROJECT NO: V0042101						
DRILLING METHOD: 4.25" H.S.A			SAMPLER	BIT SIZE	CORE	CASING
DRILLING RIG: CME 55			Macro Core	NA	NA	NA
DRILLER: Lyon Drilling			INSPECTOR: Mark J Schumacher			DATE: 7-12-05
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	1.3	0	Brn., Silt and F. Gravel, damp, no odors	
1.0						
2.0						
3.0						
4.0					4.0'	
	2		2.5	138	Black, F. Sand, moist, strong petroleum odor, black staining	Soil sample MW-117A from depth of 6.0' - 10.0'
5.0						
6.0				138	wet at 6.0 feet	
7.0						
8.0						
	3		4.0	138	same as above	
9.0					9.8'	
10.0				68	Brn., F. Sand, wet, light petroleum odor	
11.0					11.2'	
				48	Brn., Silt and Clay, wet, light petroleum odor	
12.0					12.0'	
	4		4.0	26	Brn., Clay, wet, trace petroleum odor	Soil sample MW-117B from depth of 12.0' - 16.0'
13.0						
14.0						
				0	no odors	
15.0						
16.0					16.0'	
					Boring Terminated at 16.0'	
17.0					Well set to 14' with 10' of screen.	
					Sand 2.6' to 14', Bentonite Seal 1.1' to 2.6', Grout 0 - 1.1'	
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-1

PROJECT: Geneva, NY					Sheet 1 of 1	
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1-0007						
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE		CORE
DRILLING RIG: Geoprobe		Macro Core		NA		NA
DRILLER: SEM		INSPECTOR: Jennifer L. Hull				
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	3.0	0	Brown, Top Soil with some asphalt fill	0.5'
1.0				0	Black, medium Sand and Gravel, moist, no odors, no stains	Soil sample B-1 at 8'-12'
2.0						
3.0						
4.0						
	2		4.0	0	same as above	
5.0						
6.0						
7.0						
					Brown, Clay, dry, no odors, no stains	
8.0						
	3		4.0	0	Saturated at 8'	
9.0						
10.0				0	Dry at 10"	
11.0						
12.0						12'
					Boring Terminated at 12.0'	
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-2

PROJECT: Geneva, NY						Sheet 1 of 1
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1-0007						
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE		CORE
DRILLING RIG: Geoprobe		Macro Core		NA		NA
DRILLER: SEM		INSPECTOR: Jennifer L. Hull				
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	2.0	0	Brown, Top Soil	0.5'
1.0				0	Gray, medium Sand and Gravel, moist, no odors, no stains	
2.0						2.0'
				0	Brown Clay, dry, no odors, no stains	
3.0						
4.0						
	2		4.0	0	same as above	
5.0						
6.0				0		6.0'
					Brown, medium to fine Sand, dry, no odors, no stains	
7.0						
8.0						8.0'
	3		4.0	0	Brown, Clay and fine Sand, saturated, no odor, no stains	
9.0						
10.0						
				2.4	Slight petroleum odor, no stains	
11.0						
12.0						12.0'
	4		4.0	8.5	Brown, Clay and Silt, saturated, trace petroleum odor, no stains	Soil sample B-2 at 12-16'
13.0						
14.0						
15.0						
						15.5'
16.0				0	Brown, Clay, saturated, no odor, no stains	16.0'
					Boring Terminated at 16 feet	
17.0						
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-3

PROJECT: Geneva, NY						Sheet 1 of 1
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1-0007						
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE		CORE
DRILLING RIG: Geoprobe		Macro Core		NA		NA
DRILLER: SEM		INSPECTOR: Jennifer L. Hull				
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	3.0	0	Brown, Top Soil w/ asphalt fill	
1.0						1.0'
				0	Brown, Clay, moist, no odors, no stains	
2.0						
3.0						
4.0						4.0'
	2		4.0	0	Brown, Clay with some fine sand, no odors, no stains	
5.0						
6.0						
7.0						
				4.5	Slight petroleum odor at 7'	
8.0						8.0'
	3		4.0	1.5	Brown, interbedded Silt and fine Sand, saturated, slight petroleum odor, no stains	Soil Sample B-3 at 8'-11'
9.0						
10.0						
11.0						11.0'
				0	Brown, Clay and Silt, moist, no odor, no stains	
12.0						12.0'
					Boring Terminated at 12 feet	
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-4

PROJECT: Geneva, NY					Sheet 1 of 1	
CLIENT: HB Fuller						
DELTA PROJECT NO: V004210-1-0007						
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE	CORE	
DRILLING RIG: Geoprobe		Macro Core		NA	NA	
DRILLER: SEM		INSPECTOR: Jennifer L. Hull		DATE: 10-17-05		
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	3.0	0	Brown, Top Soil	0.5'
1.0				0	Brown, Silt and Clay, moist, no odors, no staining	
2.0						
3.0						
4.0						
	2		4.0	0	Gray, interbedded Silt and fine Sand w/ some clay, dry, no odors, no stains	
5.0						
6.0						
7.0						
8.0						
	3		4.0	0	Gray-Brown, Silt and fine Sand, no odors, no stains	
9.0						
10.0						
					Brown, Silt and Clay, damp, no odors, no stains	
11.0						
12.0						
	4		2.5	0.0	Same as above, wet	
13.0						
14.0						
15.0						
16.0						
					Boring Terminated at 16.0'	
17.0						
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-5

PROJECT: Geneva, NY					Sheet 1 of 1	
CLIENT: Bull Brothers, Inc.						
DELTA PROJECT NO: V004210-1-007						
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE	CORE	
DRILLING RIG: Geoprobe		Macro Core		NA	NA	
DRILLER: SEM		INSPECTOR: Jennifer L. Hull		DATE: 10-17-05		
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	0.5	0	Brown, Top soil	0.5'
1.0					Brown, Clay and Silt , dry, slight petroleum odor, no stains	
2.0						
3.0						
4.0						
	2		1.0	0.9		
5.0						
6.0						
7.0						
8.0					8.0'	
	3		4.0	0	Brown, Clay and Silt with some fine Sand, moist, no odor, no stains	Soil sample B-5 at 9'-11'
9.0				9.5	Slight petroleum odor and some staining from 9'-11'	
10.0					Saturated from 9'-12'	
11.0						
12.0						
					12.0'	
					Boring Terminated at 12 feet	
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-6

PROJECT: Geneva, NY					Sheet 1 of 1		
CLIENT: Bull Brothers, Inc.							
DELTA PROJECT NO: V004210-1-007							
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE	CORE		
DRILLING RIG: Geoprobe		Macro Core		NA	NA		
DRILLER: SEM		INSPECTOR: Jennifer L. Hull		DATE: 10-17-05			
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS	
	1	NA	3.0	0	Brown, Top soil w/ some brick and asphalt fill	0.5'	
1.0					Brown, Clay, moist, no odors, no stains		
2.0							
3.0							
4.0							
	2		4.0	0	same as above		
5.0							
6.0							
7.0							
					Brown, Silt and fine Sand, wet, no odors, no stains		7.0'
8.0							8.0'
	3		4.0	0	Brown Clay and Silt with some fine sand, no odors, no stains	Soil sample B-6 at 8'-12'	
9.0							
10.0							
11.0							
12.0							
					Boring Terminated at 12 feet		12.0'
13.0							
14.0							
15.0							
16.0							
17.0							
18.0							

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-7

PROJECT: Geneva, NY						Sheet 1 of 1
CLIENT: Bull Brothers, Inc.						
DELTA PROJECT NO: V004210-1-007						
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE		CORE
DRILLING RIG: Geoprobe		Macro Core		NA		NA
DRILLER: SEM		INSPECTOR: Jennifer L. Hull		DATE: 10-17-05		
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	1.0	0	Concrete	0.8'
1.0					Grey-Brown, medium Sand and Gravel, moist, no odors, no stains	Soil sample B-7 at 8'-10'
2.0						
3.0						
4.0						
4.0					4.0'	
	2		4.0	0	Brown, Clay and Silt, dry, no odors, no stains	
5.0						
6.0						
6.0					6.0'	
				5.4	Brown Silt and fine Sand, dry, slight petroleum odor, some staining	
7.0						
8.0						
	3		4.0	5.3	same as above	
9.0						
10.0						
10.0						
10.0				0	10.5'	
11.0					Brown, Clay, saturated, no odors, no staining	
					Dry at 11.0'	
12.0					12.0'	
					Boring Terminated at 12 feet	
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-8

PROJECT: Geneva, NY						Sheet 1 of 1
CLIENT: Bull Brothers, Inc.						
DELTA PROJECT NO: V004210-1-007						
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE		CORE
DRILLING RIG: Geoprobe		Macro Core		NA		NA
DRILLER: SEM		INSPECTOR: Jennifer L. Hull				
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	3.0	0	Gray, Gravel	0.2'
1.0					Brown, Clay, dry, no odors, no stains	Soil sample B-7 at 8'-12'
2.0						
3.0						
4.0						
5.0						
6.0						
7.0						
8.0						
9.0						
10.0						
	2		4.0	0	Brown, Clay and Silt with little fine sand, no odors, no stains	4.0'
5.0						Soil sample B-7 at 8'-12'
6.0						
7.0						
8.0						
9.0						
10.0						
11.0						
12.0						
13.0						
14.0						
	3		3.5	0	same as above, saturated at 8.0'	12.0'
9.0						Soil sample B-7 at 8'-12'
10.0						
11.0						
12.0						
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						
					Boring Terminated at 12.0'	

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-9

PROJECT: Geneva, NY					Sheet 1 of 1
CLIENT: Bull Brothers, Inc.					
DELTA PROJECT NO: V004210-1-007					
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE	CORE
DRILLING RIG: Geoprobe		Macro Core		NA	NA
DRILLER: SEM		INSPECTOR: Jennifer L. Hull		CASING	DATE: 10-17-05
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	REMARKS
	1	NA	3.0	0	
1.0					<div style="text-align: center; font-weight: bold;">SOIL DESCRIPTION</div> <p>Brown medium Sand w/ little asphalt fill, moist, no odors, no stains</p> <p style="text-align: right;">2.0'</p> <p>Brown, Clay, dry, no odor, no staining</p> <p style="text-align: right;">4.0'</p> <p>Boring terminated at 4.0'</p>
2.0					
3.0					
4.0					
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					

DELTA ENVIRONMENTAL CONSULTANTS

TEST BORING LOG

BORING NO.: B-10

PROJECT: Geneva, NY					Sheet 1 of 1	
CLIENT: Bull Brothers, Inc.						
DELTA PROJECT NO: V004210-1-007						
DRILLING METHOD: Geoprobe		SAMPLER		BIT SIZE	CORE	
DRILLING RIG: Geoprobe		Macro Core		NA	NA	
DRILLER: SEM		INSPECTOR: Jennifer L. Hull		DATE: 10-17-05		
DEPTH IN FT.	SAMPLE NO.	BLOWS PER 6"	REC. (ft.)	PID (ppm)	SOIL DESCRIPTION	REMARKS
	1	NA	2.0	0	Brown, medium Sand w/ little asphalt fill and medium gravel, moist, no odors, no stains	
1.0						
2.0						
3.0						
						3.0'
4.0					Brown, Clay, dry, no odors, no stains	
						4.0'
5.0					Boring terminated at 4.0'	
6.0						
7.0						
8.0						
9.0						
10.0						
11.0						
12.0						
13.0						
14.0						
15.0						
16.0						
17.0						
18.0						

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No. 7 8 2 6 N		2. Page 1 of 1	
3. Generator's Name and Mailing Address		H.B. FULKER CO. C/O BASIG CHEM. 61 GATES AVE. GENEVA NY 14456		61 GATES AVE. GENEVA NY 14456			
4. Generator's Phone (651) 236-3070		6. US EPA ID Number		A. State Transporter's ID			
5. Transporter 1 Company Name		ENVIRONMENTAL PROD & SVCS OF VT,		V T R 0 0 0 5 0 0 0 9 0		B. Transporter 1 Phone	
7. Transporter 2 Company Name		8. US EPA ID Number				C. State Transporter's ID	
9. Designated Facility Name and Site Address		ENVIRONMENTAL PROD & SVCS OF VT, INC. 532 STATE FAIR BLVD. SYRACUSE NY 13204		10. US EPA ID Number		E. State Facility's ID	
						F. Facility's Phone	
						(315) 451-6666	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		Unit	
a. WASTE NON-RCRA LIQUID, N.O.S. (PETROLEUM CONTAMINATED WATER)				6 D M		330 G	
b. WASTE NON-RCRA SOLID, N.O.S. (CONTAMINATED SOIL)				7 D M		3,500 P	
c.							
d.							
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above			
a. c.				a. S01 c.			
b. d.				b. S01 d.			
15. Special Handling Instructions and Additional Information							
JOB# N3876							
a. APPROVAL# 1105042							
b. APPROVAL# 1105043							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name				Signature		Date	
MARK SCHUMACHER				[Signature]		11/10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature		Date	
DONALD M. CARD JR.				[Signature]		11/10/05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date	
[Signature]				[Signature]		11/17/05	

**SEVERN
TRENT****STL****STL Buffalo**10 Hazelwood Drive, Suite 106
Amherst, NY 14228Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com**ANALYTICAL REPORT**Job#: A05-B179

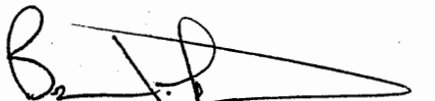
STL Project#: NY4A9341

Site Name: Delta Environmental Consultants, Inc.

Task: HB Fuller waste Project: Non-ASP deliverables

Mark Schumacher
Delta Environmental
104 Jamesville Rd.
Syracuse, NY 13214

STL Buffalo

Brian J. Fischer
Project Manager

10/21/2005

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A5B17902	WASTE S	SOIL	10/03/2005	12:10	10/05/2005	07:45
A5B17901	WASTE W	WATER	10/03/2005	12:00	10/05/2005	07:45

METHODS SUMMARY

Job#: A05-B179STL Project#: NY4A9341Site Name: Delta Environmental Consultants, Inc.

PARAMETER	ANALYTICAL METHOD
DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS	SW8463 8260
DELTA-METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS	SW8463 8270
METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS	SW8463 8270
DELTA - METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7470
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Corrosivity (pH)	SW8463 9045
Flashpoint	SW8463 1010
Paint Filter Test	SW8463 9095
pH	SW8463 9040
Toxicity Characteristic Leaching Procedure	SW8463 1311

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A05-B179STL Project#: NY4A9341Site Name: Delta Environmental Consultants, Inc.General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-B179

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

All samples were received in good condition.

GC/MS Volatile Data

Due to an instrument failure, WASTE S was analyzed past the EPA-recommended holding time. The sample results should be considered estimated.

GC/MS Semivolatile Data

The analyte Bis(2-ethylhexyl) phthalate was detected in the Method Blank A5B1542502 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

The analyte Barium was detected in the TCLP Extractor Blank (A5B1557601) at a concentration above STL's standard quantitation limit. All samples associated with the blank were evaluated and determined to be at least five times less than the TCLP Regulatory Limit. The sample data was therefore accepted and no corrective action was performed.

The analyte Lead was detected in the Extractor Blank (A5B1557601) at a level above the project established reporting limit. All samples were non-detect for this analyte, therefore, no corrective action was necessary.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Brian J. Fischer
Project Manager

Date



DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates the spike or duplicate analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 10/21/2
Time: 13:00:2.

Delta Environmental Consultants, Inc.
HB Fuller Waste Project Non-ASP deliverables
DELTA-METHOD 8260 - TCL VOLATILE ORGANICS

pt: AN0326

8/61

Client ID Job No Sample Date	Lab ID	WASTE S A05-B179 10/03/2005	A5B17902	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	29	NA		NA		NA	
Benzene	UG/KG	ND	6	NA		NA		NA	
Bromodichloromethane	UG/KG	ND	6	NA		NA		NA	
Bromoform	UG/KG	ND	6	NA		NA		NA	
Bromomethane	UG/KG	ND	6	NA		NA		NA	
2-Butanone	UG/KG	ND	29	NA		NA		NA	
Carbon Disulfide	UG/KG	ND	6	NA		NA		NA	
Carbon Tetrachloride	UG/KG	ND	6	NA		NA		NA	
Chlorobenzene	UG/KG	ND	6	NA		NA		NA	
Chloroethane	UG/KG	ND	6	NA		NA		NA	
Chloroform	UG/KG	ND	6	NA		NA		NA	
Chloromethane	UG/KG	ND	6	NA		NA		NA	
Cyclohexane	UG/KG	ND	6	NA		NA		NA	
1,2-Dibromoethane	UG/KG	ND	6	NA		NA		NA	
Dibromochloromethane	UG/KG	ND	6	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/KG	ND	6	NA		NA		NA	
1,2-Dichlorobenzene	UG/KG	ND	6	NA		NA		NA	
1,3-Dichlorobenzene	UG/KG	ND	6	NA		NA		NA	
1,4-Dichlorobenzene	UG/KG	ND	6	NA		NA		NA	
Dichlorodifluoromethane	UG/KG	ND	6	NA		NA		NA	
1,1-Dichloroethane	UG/KG	ND	6	NA		NA		NA	
1,2-Dichloroethane	UG/KG	ND	6	NA		NA		NA	
1,1-Dichloroethene	UG/KG	ND	6	NA		NA		NA	
cis-1,2-Dichloroethene	UG/KG	ND	6	NA		NA		NA	
trans-1,2-Dichloroethene	UG/KG	ND	6	NA		NA		NA	
1,2-Dichloropropane	UG/KG	ND	6	NA		NA		NA	
cis-1,3-Dichloropropene	UG/KG	ND	6	NA		NA		NA	
trans-1,3-Dichloropropene	UG/KG	ND	6	NA		NA		NA	
Ethylbenzene	UG/KG	ND	6	NA		NA		NA	
2-Hexanone	UG/KG	ND	29	NA		NA		NA	
Isopropylbenzene	UG/KG	ND	6	NA		NA		NA	
Methyl acetate	UG/KG	ND	6	NA		NA		NA	
Methylcyclohexane	UG/KG	ND	6	NA		NA		NA	
Methylene chloride	UG/KG	ND	6	NA		NA		NA	
4-Methyl-2-pentanone	UG/KG	ND	29	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	6	NA		NA		NA	
Styrene	UG/KG	ND	6	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/KG	ND	6	NA		NA		NA	
Tetrachloroethene	UG/KG	ND	6	NA		NA		NA	
Toluene	UG/KG	ND	6	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/KG	ND	6	NA		NA		NA	
1,1,1-Trichloroethane	UG/KG	ND	6	NA		NA		NA	
1,1,2-Trichloroethane	UG/KG	ND	6	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:00:25

Delta Environment: Consultants, Inc.
HB Fuller Waste Project - Non-ASP deliverables
DELTA-METHOD 8260 - TCL VOLATILE ORGANICS

it: AN0326

Client ID Job No Sample Date	Lab ID	WASTE S A05-B179 10/03/2005	A5B17902	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/KG	ND	6	NA		NA		NA	
Trichlorofluoromethane	UG/KG	ND	6	NA		NA		NA	
Trichloroethene	UG/KG	29	6	NA		NA		NA	
Vinyl chloride	UG/KG	ND	11	NA		NA		NA	
Total Xylenes	UG/KG	ND	17	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	91	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	92	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	88	50-200	NA		NA		NA	
Toluene-D8	%	105	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	100	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	106	61-136	NA		NA		NA	

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NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:00:25

Delta Environment Consultants, Inc.
HB Fuller waste Project: Non-ASP deliverables
DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS

pt: AN0326

10/61

Client ID Job No Sample Date	Lab ID	WASTE W A05-B179 10/03/2005	A5B17901	Reporting Limit	Sample Value	Units	Analyte	Reporting Limit	Sample Value	Reporting Limit	Sample Value

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:00:25

Delta Environmental Consultants, Inc.
HB Fuller waste Project Non-ASP deliverables
DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS

pt: AN0326

Client ID Job No Sample Date	Lab ID	WASTE W A05-B179 10/03/2005	A5B17901	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	1.0	NA		NA		NA	
Trichlorofluoromethane	UG/L	ND	1.0	NA		NA		NA	
Trichloroethene	UG/L	ND	1.0	NA		NA		NA	
Vinyl chloride	UG/L	ND	1.0	NA		NA		NA	
Total Xylenes	UG/L	ND	3.0	NA		NA		NA	
Is/SURROGATE(S)									
Chlorobenzene-D5	%	97	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	97	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	94	50-200	NA		NA		NA	
Toluene-D8	%	102	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	94	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	119	72-143	NA		NA		NA	

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NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:00:4

Delta Environment Consultants, Inc.
HB Fuller Waste Project Non-ASP deliverables
DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS

pt: AN0326

12/61

Client ID Job No Sample Date	Lab ID	WASTE W A05-B179 10/03/2005	A5B17901	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/L	ND	10	NA		NA		NA	
Acenaphthylene	UG/L	ND	10	NA		NA		NA	
Anthracene	UG/L	ND	10	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA	
Benzyl alcohol	UG/L	ND	20	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/L	ND	10	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/L	ND	10	NA		NA		NA	
2,2'-oxybis(1-chloropropane)	UG/L	ND	10	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/L	ND	10	NA		NA		NA	
4-Bromophenyl phenyl ether	UG/L	ND	10	NA		NA		NA	
Butyl benzyl phthalate	UG/L	ND	10	NA		NA		NA	
4-Chloroaniline	UG/L	ND	10	NA		NA		NA	
2-Chloronaphthalene	UG/L	ND	10	NA		NA		NA	
4-Chlorophenyl phenyl ether	UG/L	ND	10	NA		NA		NA	
Chrysene	UG/L	ND	10	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA	
Dibenzofuran	UG/L	ND	10	NA		NA		NA	
Di-n-butyl phthalate	UG/L	ND	10	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/L	ND	20	NA		NA		NA	
Diethyl phthalate	UG/L	ND	10	NA		NA		NA	
Dimethyl phthalate	UG/L	ND	10	NA		NA		NA	
2,4-Dinitrotoluene	UG/L	ND	10	NA		NA		NA	
2,6-Dinitrotoluene	UG/L	ND	10	NA		NA		NA	
Di-n-octyl phthalate	UG/L	ND	10	NA		NA		NA	
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Hexachlorobenzene	UG/L	ND	10	NA		NA		NA	
Hexachlorobutadiene	UG/L	ND	10	NA		NA		NA	
Hexachlorocyclopentadiene	UG/L	ND	45	NA		NA		NA	
Hexachloroethane	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Isophorone	UG/L	ND	10	NA		NA		NA	
2-Methylnaphthalene	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
2-Nitroaniline	UG/L	ND	50	NA		NA		NA	
3-Nitroaniline	UG/L	ND	50	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/21
Time: 13:00:41

Delta Environment Consultants, Inc.
HB Fuller Waste Project - Non-ASP deliverables
DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS

Job: AN0326

Client ID Job No Sample Date	Lab ID	WASTE W A05-B179 10/03/2005	A5B17901	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
4-Nitroaniline	UG/L	ND	50	NA		NA		NA	
Nitrobenzene	UG/L	ND	10	NA		NA		NA	
N-nitrosodiphenylamine	UG/L	ND	10	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/L	ND	10	NA		NA		NA	
Phenanthrene	UG/L	ND	10	NA		NA		NA	
Pyrene	UG/L	ND	10	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	10	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	111	50-200	NA		NA		NA	
Naphthalene-D8	%	114	50-200	NA		NA		NA	
Acenaphthene-D10	%	112	50-200	NA		NA		NA	
Phenanthrene-D10	%	118	50-200	NA		NA		NA	
Chrysene-D12	%	114	50-200	NA		NA		NA	
Perylene-D12	%	118	50-200	NA		NA		NA	
Nitrobenzene-D5	%	71	52-120	NA		NA		NA	
2-Fluorobiphenyl	%	76	21-120	NA		NA		NA	
p-Terphenyl-d14	%	75	36-138	NA		NA		NA	
Phenol-D5	%	18	13-120	NA		NA		NA	
2-Fluorophenol	%	28	21-120	NA		NA		NA	
2,4,6-Tribromophenol	%	82	62-133	NA		NA		NA	

13/61

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:00:14

Delta Environmental Consultants, Inc.
HB Fuller Waste Project Non-ASP deliverables
METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS

pt: AN0326

14/61

Client ID	Lab ID	WASTE S	A5B17902	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Job No	Sample Date	A05-B179	10/03/2005	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Acenaphthylene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Anthracene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/KG	33 J	400	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	UG/KG	60 J	400	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	UG/KG	64 J	400	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	UG/KG	32 J	400	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	UG/KG	36 J	400	NA	NA	NA	NA	NA	NA
Benzyl alcohol	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
2,2'-Oxybis(1-Chloropropane)	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	UG/KG	77 J	400	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
4-Chloroaniline	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Chrysene	UG/KG	43 J	400	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Dibenzofuran	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Diethyl phthalate	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Fluoranthene	UG/KG	60 J	400	NA	NA	NA	NA	NA	NA
Fluorene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/KG	27 J	400	NA	NA	NA	NA	NA	NA
Isophorone	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
Naphthalene	UG/KG	ND	400	NA	NA	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	1900	NA	NA	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	1900	NA	NA	NA	NA	NA	NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:00:41

Delta Environmental Consultants, Inc.
HB Fuller waste Proj. Non-ASP deliverables
METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS

pt: AN0326

Client ID	Lab ID	WASTE S	A5B17902	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Job No		A05-B179							
Sample Date		10/03/2005							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
4-Nitroaniline	UG/KG	ND	1900	NA		NA		NA	
Nitrobenzene	UG/KG	ND	400	NA		NA		NA	
N-nitrosodiphenylamine	UG/KG	ND	400	NA		NA		NA	
N-Nitroso-D1-n-propylamine	UG/KG	ND	400	NA		NA		NA	
Phenanthrene	UG/KG	34 J	400	NA		NA		NA	
Pyrene	UG/KG	55 J	400	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/KG	ND	400	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	109	50-200	NA		NA		NA	
Naphthalene-D8	%	110	50-200	NA		NA		NA	
Acenaphthene-D10	%	111	50-200	NA		NA		NA	
Phenanthrene-D10	%	114	50-200	NA		NA		NA	
Chrysene-D12	%	111	50-200	NA		NA		NA	
Perylene-D12	%	138	50-200	NA		NA		NA	
Nitrobenzene-D5	%	72	41-120	NA		NA		NA	
2-Fluorobiphenyl	%	81	50-120	NA		NA		NA	
p-Terphenyl-D14	%	94	53-137	NA		NA		NA	
Phenol-D5	%	70	41-120	NA		NA		NA	
2-Fluorophenol	%	62	33-120	NA		NA		NA	
2,4,6-Tribromophenol	%	89	53-132	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

15/61

Client ID	Lab ID	WASTE S	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No		A5B17902							
Sample Date		10/03/2005							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	20	NA		NA		NA	
Aroclor 1221	UG/KG	ND	20	NA		NA		NA	
Aroclor 1232	UG/KG	ND	20	NA		NA		NA	
Aroclor 1242	UG/KG	ND	20	NA		NA		NA	
Aroclor 1248	UG/KG	ND	20	NA		NA		NA	
Aroclor 1254	UG/KG	ND	20	NA		NA		NA	
Aroclor 1260	UG/KG	ND	20	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	88	32-148	NA		NA		NA	
Decachlorobiphenyl	%	90	36-153	NA		NA		NA	

Client ID Job No Sample Date	Lab ID	WASTE S A05-B179 10/03/2005	A5B17902	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.010	NA		NA		NA	
Barium - Total	MG/L	0.43	0.0020	NA		NA		NA	
Cadmium - Total	MG/L	0.0016	0.0010	NA		NA		NA	
Chromium - Total	MG/L	ND	0.0040	NA		NA		NA	
Mercury - Total	MG/L	ND	0.00020	NA		NA		NA	
Lead - Total	MG/L	ND	0.0050	NA		NA		NA	
Selenium - Total	MG/L	ND	0.015	NA		NA		NA	
Silver - Total	MG/L	ND	0.0030	NA		NA		NA	

Client ID Job No Sample Date	Lab ID	WASTE S A05-B179 10/03/2005	A5817902	WASTE W A05-B179 10/03/2005	A5817901	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Corrosivity (pH)	S.U.	8.22	0	NA	0	NA		NA	
pH	S.U.	NA	0	9.19		NA		NA	
Flashpoint	°F	>200	0	NA		NA		NA	
Paint Filter Test	P/F	PASSED	0	NA		NA		NA	

Chronology and QC Summary Package

Date: 10/21/20
Time: 13:01:03

Delta Environment Consultants, Inc.
HB Fuller waste Project - Non-ASP deliverables
DELTA-METHOD 8260 - TCL VOLATILE ORGANICS

ot: AN0326

20/61

Client ID Job No Sample Date	Lab ID	VBLK08 A05-B179	A5B1610902	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	25	NA		NA		NA	
Benzene	UG/KG	ND	5	NA		NA		NA	
Bromodichloromethane	UG/KG	ND	5	NA		NA		NA	
Bromoform	UG/KG	ND	5	NA		NA		NA	
Bromomethane	UG/KG	ND	5	NA		NA		NA	
2-Butanone	UG/KG	ND	25	NA		NA		NA	
Carbon Disulfide	UG/KG	ND	5	NA		NA		NA	
Carbon Tetrachloride	UG/KG	ND	5	NA		NA		NA	
Chlorobenzene	UG/KG	ND	5	NA		NA		NA	
Chloroethane	UG/KG	ND	5	NA		NA		NA	
Chloroform	UG/KG	ND	5	NA		NA		NA	
Chloromethane	UG/KG	ND	5	NA		NA		NA	
Cyclohexane	UG/KG	ND	5	NA		NA		NA	
1,2-Dibromoethane	UG/KG	ND	5	NA		NA		NA	
Dibromochloromethane	UG/KG	ND	5	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	NA		NA		NA	
1,2-Dichlorobenzene	UG/KG	ND	5	NA		NA		NA	
1,3-Dichlorobenzene	UG/KG	ND	5	NA		NA		NA	
1,4-Dichlorobenzene	UG/KG	ND	5	NA		NA		NA	
Dichlorodifluoromethane	UG/KG	ND	5	NA		NA		NA	
1,1-Dichloroethane	UG/KG	ND	5	NA		NA		NA	
1,2-Dichloroethane	UG/KG	ND	5	NA		NA		NA	
1,1-Dichloroethene	UG/KG	ND	5	NA		NA		NA	
cis-1,2-Dichloroethene	UG/KG	ND	5	NA		NA		NA	
trans-1,2-Dichloroethene	UG/KG	ND	5	NA		NA		NA	
1,2-Dichloropropane	UG/KG	ND	5	NA		NA		NA	
cis-1,3-Dichloropropene	UG/KG	ND	5	NA		NA		NA	
trans-1,3-Dichloropropene	UG/KG	ND	5	NA		NA		NA	
Ethylbenzene	UG/KG	ND	5	NA		NA		NA	
2-Hexanone	UG/KG	ND	25	NA		NA		NA	
Isopropylbenzene	UG/KG	ND	5	NA		NA		NA	
Methyl acetate	UG/KG	ND	5	NA		NA		NA	
Methylcyclohexane	UG/KG	ND	5	NA		NA		NA	
Methylene chloride	UG/KG	ND	5	NA		NA		NA	
4-Methyl-2-pentanone	UG/KG	ND	25	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	NA		NA		NA	
Styrene	UG/KG	ND	5	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	NA		NA		NA	
Tetrachloroethene	UG/KG	ND	5	NA		NA		NA	
Toluene	UG/KG	ND	5	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/KG	ND	5	NA		NA		NA	
1,1,1-Trichloroethane	UG/KG	ND	5	NA		NA		NA	
1,1,2-Trichloroethane	UG/KG	ND	5	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID	Lab ID	VBLK08 A05-B179	A5B1610902	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	NA		NA		NA	
Trichlorofluoromethane	UG/KG	ND	5	NA		NA		NA	
Trichloroethene	UG/KG	ND	5	NA		NA		NA	
Vinyl chloride	UG/KG	ND	10	NA		NA		NA	
Total Xylenes	UG/KG	ND	15	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	92	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	93	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	90	50-200	NA		NA		NA	
Toluene-D8	%	108	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	102	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	107	61-136	NA		NA		NA	

Date: 10/21/2
Time: 13:01:03

Delta Environmental Consultants, Inc.
HB Fuller Waste Project... Non-ASP deliverables
DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS

pt: AN0326

22/61

Client ID Job No Sample Date	Lab ID	VBLK51 A05-B179	A5B1593502	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acetone	UG/L	ND	5.0	NA	NA		NA		NA
Benzene	UG/L	ND	1.0	NA	NA		NA		NA
Bromodichloromethane	UG/L	ND	1.0	NA	NA		NA		NA
Bromoform	UG/L	ND	1.0	NA	NA		NA		NA
Bromomethane	UG/L	ND	1.0	NA	NA		NA		NA
2-Butanone	UG/L	ND	5.0	NA	NA		NA		NA
Carbon Disulfide	UG/L	ND	1.0	NA	NA		NA		NA
Carbon Tetrachloride	UG/L	ND	1.0	NA	NA		NA		NA
Chlorobenzene	UG/L	ND	1.0	NA	NA		NA		NA
Chloroethane	UG/L	ND	1.0	NA	NA		NA		NA
Chloroform	UG/L	ND	1.0	NA	NA		NA		NA
Chloromethane	UG/L	ND	1.0	NA	NA		NA		NA
Cyclohexane	UG/L	ND	1.0	NA	NA		NA		NA
1,2-Dibromoethane	UG/L	ND	1.0	NA	NA		NA		NA
Dibromochloromethane	UG/L	ND	1.0	NA	NA		NA		NA
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	NA	NA		NA		NA
1,2-Dichlorobenzene	UG/L	ND	1.0	NA	NA		NA		NA
1,3-Dichlorobenzene	UG/L	ND	1.0	NA	NA		NA		NA
1,4-Dichlorobenzene	UG/L	ND	1.0	NA	NA		NA		NA
Dichlorodifluoromethane	UG/L	ND	1.0	NA	NA		NA		NA
1,1-Dichloroethane	UG/L	ND	1.0	NA	NA		NA		NA
1,2-Dichloroethane	UG/L	ND	1.0	NA	NA		NA		NA
1,1-Dichloroethene	UG/L	ND	1.0	NA	NA		NA		NA
cis-1,2-Dichloroethene	UG/L	ND	1.0	NA	NA		NA		NA
trans-1,2-Dichloroethene	UG/L	ND	1.0	NA	NA		NA		NA
1,2-Dichloropropane	UG/L	ND	1.0	NA	NA		NA		NA
cis-1,3-Dichloropropene	UG/L	ND	1.0	NA	NA		NA		NA
trans-1,3-Dichloropropene	UG/L	ND	1.0	NA	NA		NA		NA
Ethylbenzene	UG/L	ND	1.0	NA	NA		NA		NA
2-Hexanone	UG/L	ND	5.0	NA	NA		NA		NA
Isopropylbenzene	UG/L	ND	1.0	NA	NA		NA		NA
Methyl acetate	UG/L	ND	1.0	NA	NA		NA		NA
Methylcyclohexane	UG/L	ND	1.0	NA	NA		NA		NA
Methylene chloride	UG/L	ND	1.0	NA	NA		NA		NA
4-Methyl-2-pentanone	UG/L	ND	5.0	NA	NA		NA		NA
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	1.0	NA	NA		NA		NA
Styrene	UG/L	ND	1.0	NA	NA		NA		NA
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	NA	NA		NA		NA
Tetrachloroethene	UG/L	ND	1.0	NA	NA		NA		NA
Toluene	UG/L	ND	1.0	NA	NA		NA		NA
1,2,4-Trichlorobenzene	UG/L	ND	1.0	NA	NA		NA		NA
1,1,1-Trichloroethane	UG/L	ND	1.0	NA	NA		NA		NA
1,1,2-Trichloroethane	UG/L	ND	1.0	NA	NA		NA		NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:01:03

Delta Environmental Consultants, Inc.
HB Fuller waste Project Non-ASP deliverables
DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS

pt: AN0326

Client ID Job No Sample Date	Lab ID	VBLK51 A05-B179	A5B1593502	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	ND	1.0	NA		NA		NA	
Trichlorofluoromethane	UG/L	ND	1.0	NA		NA		NA	
Trichloroethene	UG/L	ND	1.0	NA		NA		NA	
Vinyl chloride	UG/L	ND	1.0	NA		NA		NA	
Total Xylenes	UG/L	ND	3.0	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	99	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	101	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	95	50-200	NA		NA		NA	
Toluene-D8	%	103	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	95	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	118	72-143	NA		NA		NA	

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NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:01:00

Delta Environmental Consultants, Inc.
HB Fuller waste Proj
DELTA-METHOD 8260 - TCL VOLATILE ORGANICS

pt: AN0326

24/61

Client ID Job No Sample Date	Lab ID	MS808 A05-B179	A5B1610901	WASTE S A05-B179 10/03/2005	A5B17902MS	WASTE S A05-B179 10/03/2005	A5B17902SD	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	25	ND	29	ND	29	NA	
Benzene	UG/KG	52	5	51	6	51	6	NA	
Bromodichloromethane	UG/KG	ND	5	ND	6	ND	6	NA	
Bromoform	UG/KG	ND	5	ND	6	ND	6	NA	
Bromomethane	UG/KG	ND	5	ND	6	ND	6	NA	
2-Butanone	UG/KG	ND	25	ND	29	ND	29	NA	
Carbon Disulfide	UG/KG	ND	5	ND	6	ND	6	NA	
Carbon Tetrachloride	UG/KG	ND	5	ND	6	ND	6	NA	
Chlorobenzene	UG/KG	51	5	44	6	42	6	NA	
Chloroethane	UG/KG	ND	5	ND	6	ND	6	NA	
Chloroform	UG/KG	ND	5	ND	6	ND	6	NA	
Chloromethane	UG/KG	ND	5	ND	6	ND	6	NA	
Cyclohexane	UG/KG	ND	5	ND	6	ND	6	NA	
1,2-Dibromoethane	UG/KG	ND	5	ND	6	ND	6	NA	
Dibromochloromethane	UG/KG	ND	5	ND	6	ND	6	NA	
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	ND	6	ND	6	NA	
1,2-Dichlorobenzene	UG/KG	ND	5	ND	6	ND	6	NA	
1,3-Dichlorobenzene	UG/KG	ND	5	ND	6	ND	6	NA	
1,4-Dichlorobenzene	UG/KG	ND	5	ND	6	ND	6	NA	
Dichlorodifluoromethane	UG/KG	ND	5	ND	6	ND	6	NA	
1,1-Dichloroethane	UG/KG	ND	5	8	6	6	6	NA	
1,2-Dichloroethane	UG/KG	57	5	60	6	56	6	NA	
1,1-Dichloroethene	UG/KG	ND	5	17	6	12	6	NA	
cis-1,2-Dichloroethene	UG/KG	ND	5	ND	6	ND	6	NA	
trans-1,2-Dichloroethene	UG/KG	ND	5	ND	6	ND	6	NA	
1,2-Dichloropropane	UG/KG	ND	5	ND	6	ND	6	NA	
cis-1,3-Dichloropropene	UG/KG	ND	5	ND	6	ND	6	NA	
trans-1,3-Dichloropropene	UG/KG	ND	5	ND	6	ND	6	NA	
Ethylbenzene	UG/KG	ND	5	ND	6	ND	6	NA	
2-Hexanone	UG/KG	ND	25	ND	29	ND	29	NA	
Isopropylbenzene	UG/KG	ND	5	ND	6	ND	6	NA	
Methyl acetate	UG/KG	ND	5	ND	6	ND	6	NA	
Methylcyclohexane	UG/KG	ND	5	ND	6	ND	6	NA	
Methylene chloride	UG/KG	ND	5	ND	6	ND	6	NA	
4-Methyl-2-pentanone	UG/KG	ND	25	10	29	12	29	NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	ND	6	ND	6	NA	
Styrene	UG/KG	ND	5	ND	6	ND	6	NA	
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	ND	6	ND	6	NA	
Tetrachloroethene	UG/KG	ND	5	ND	6	ND	6	NA	
Toluene	UG/KG	51	5	120	6	75	6	NA	
1,2,4-Trichlorobenzene	UG/KG	ND	5	48	6	46	6	NA	
1,1,1-Trichloroethane	UG/KG	ND	5	ND	6	ND	6	NA	
1,1,2-Trichloroethane	UG/KG	ND	5	1 J	6	ND	6	NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2006
Time: 13:01:03

Delta Environmental Consultants, Inc.
HB Fuller waste Project
DELTA-METHOD 8260 - TCL VOLATILE ORGANICS

Job: AN0326

Client ID Job No Sample Date	Lab ID	MSB08 A05-B179	A5B1610901	WASTE S A05-B179 10/03/2005	A5B17902MS	WASTE S A05-B179 10/03/2005	A5B17902SD	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/KG	ND	5	ND	6	ND	6	NA	
Trichlorofluoromethane	UG/KG	ND	5	ND	6	ND	6	NA	
Trichloroethene	UG/KG	51	5	82	6	69	6	NA	
Vinyl chloride	UG/KG	ND	10	ND	12	ND	11	NA	
Total xylenes	UG/KG	ND	15	ND	17	ND	17	NA	
---IS/SURROGATE(S)---									
Chlorobenzene-D5	%	98	50-200	88	50-200	85	50-200	NA	
1,4-Difluorobenzene	%	98	50-200	91	50-200	88	50-200	NA	
1,4-Dichlorobenzene-D4	%	94	50-200	82	50-200	79	50-200	NA	
Toluene-D8	%	106	71-125	108	71-125	109	71-125	NA	
p-Bromofluorobenzene	%	100	68-124	98	68-124	98	68-124	NA	
1,2-Dichloroethane-D4	%	106	61-136	92	61-136	93	61-136	NA	

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NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:01:00

Delta Environmental Consultants, Inc.
HB Fuller Waste Project - Non-ASP deliverables
DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS

pt: AN0326

26/61

Client ID	Lab ID	MSB51 A05-B179	A5B1593501	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	160	5.0	NA	NA	NA	NA	NA	NA
Benzene	UG/L	30	1.0	NA	NA	NA	NA	NA	NA
Bromodichloromethane	UG/L	29	1.0	NA	NA	NA	NA	NA	NA
Bromoform	UG/L	23	1.0	NA	NA	NA	NA	NA	NA
Bromomethane	UG/L	30	1.0	NA	NA	NA	NA	NA	NA
2-Butanone	UG/L	170	5.0	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/L	29	1.0	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	UG/L	29	1.0	NA	NA	NA	NA	NA	NA
Chlorobenzene	UG/L	25	1.0	NA	NA	NA	NA	NA	NA
Chloroethane	UG/L	25	1.0	NA	NA	NA	NA	NA	NA
Chloroform	UG/L	30	1.0	NA	NA	NA	NA	NA	NA
Chloromethane	UG/L	24	1.0	NA	NA	NA	NA	NA	NA
Cyclohexane	UG/L	29	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	UG/L	26	1.0	NA	NA	NA	NA	NA	NA
Dibromochloromethane	UG/L	25	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	UG/L	24	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	24	1.0	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	24	1.0	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	24	1.0	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	UG/L	22	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	31	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	UG/L	31	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	29	1.0	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	UG/L	29	1.0	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	UG/L	29	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	30	1.0	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	29	1.0	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	26	1.0	NA	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	26	1.0	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/L	160	5.0	NA	NA	NA	NA	NA	NA
Isopropylbenzene	UG/L	24	1.0	NA	NA	NA	NA	NA	NA
Methyl acetate	UG/L	33	1.0	NA	NA	NA	NA	NA	NA
Methylcyclohexane	UG/L	28	1.0	NA	NA	NA	NA	NA	NA
Methylene chloride	UG/L	29	1.0	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/L	150	5.0	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	UG/L	32	1.0	NA	NA	NA	NA	NA	NA
Styrene	UG/L	26	1.0	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	24	1.0	NA	NA	NA	NA	NA	NA
Tetrachloroethene	UG/L	26	1.0	NA	NA	NA	NA	NA	NA
Toluene	UG/L	26	1.0	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	24	1.0	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	30	1.0	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	26	1.0	NA	NA	NA	NA	NA	NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:01:03

Delta Environmental Consultants, Inc.
HB Fuller waste Project Non-ASP deliverables
DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS

pt: AN0326

Client ID Job No Sample Date	Lab ID	MSB51 A05-B179	A5B1593501	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/L	30	1.0	NA		NA		NA	
Trichlorofluoromethane	UG/L	30	1.0	NA		NA		NA	
Trichloroethene	UG/L	30	1.0	NA		NA		NA	
Vinyl chloride	UG/L	24	1.0	NA		NA		NA	
Total Xylenes	UG/L	77	3.0	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	98	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	95	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	99	50-200	NA		NA		NA	
Toluene-D8	%	102	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	97	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	120	72-143	NA		NA		NA	

27/61

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:01:20

Delta Environmental Consultants, Inc.
HB Fuller waste Project Non-ASP deliverables
DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS

pt: AN0326

28/61

Client ID Job No Sample Date	Lab ID	S Blank A05-B179	A5B1542502	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/L	ND	10	NA		NA		NA	
Acenaphthylene	UG/L	ND	10	NA		NA		NA	
Anthracene	UG/L	ND	10	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA	
Benzyl alcohol	UG/L	ND	10	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/L	ND	20	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/L	ND	10	NA		NA		NA	
2,2'-oxybis(1-chloropropane)	UG/L	ND	10	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/L	ND	10	NA		NA		NA	
4-Bromophenyl phenyl ether	UG/L	ND	10	NA		NA		NA	
Butyl benzyl phthalate	UG/L	ND	10	NA		NA		NA	
4-Chloroaniline	UG/L	ND	10	NA		NA		NA	
2-Chloronaphthalene	UG/L	ND	10	NA		NA		NA	
4-Chlorophenyl phenyl ether	UG/L	ND	10	NA		NA		NA	
Chrysene	UG/L	ND	10	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA	
Dibenzofuran	UG/L	ND	10	NA		NA		NA	
Di-n-butyl phthalate	UG/L	ND	10	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/L	ND	20	NA		NA		NA	
Diethyl phthalate	UG/L	ND	10	NA		NA		NA	
Dimethyl phthalate	UG/L	ND	10	NA		NA		NA	
2,4-Dinitrotoluene	UG/L	ND	10	NA		NA		NA	
2,6-Dinitrotoluene	UG/L	ND	10	NA		NA		NA	
Di-n-octyl phthalate	UG/L	ND	10	NA		NA		NA	
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Hexachlorobenzene	UG/L	ND	10	NA		NA		NA	
Hexachlorobutadiene	UG/L	ND	10	NA		NA		NA	
Hexachlorocyclopentadiene	UG/L	ND	45	NA		NA		NA	
Hexachloroethane	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Isophorone	UG/L	ND	10	NA		NA		NA	
2-Methylnaphthalene	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
2-Nitroaniline	UG/L	ND	50	NA		NA		NA	
3-Nitroaniline	UG/L	ND	50	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:01:20

Delta Environment Consultants, Inc.
HB Fuller waste Project - Non-ASP deliverables
DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS

Lot: AN0326

Client ID Job No Sample Date	Lab ID	S Blank A05-B179	A5B1542502	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
4-Nitroaniline	UG/L	ND	50	NA		NA		NA	
Nitrobenzene	UG/L	ND	10	NA		NA		NA	
N-nitrosodiphenylamine	UG/L	ND	10	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/L	ND	10	NA		NA		NA	
Phenanthrene	UG/L	ND	10	NA		NA		NA	
Pyrene	UG/L	ND	10	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	10	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	106	50-200	NA		NA		NA	
Naphthalene-D8	%	106	50-200	NA		NA		NA	
Acenaphthene-D10	%	107	50-200	NA		NA		NA	
Phenanthrene-D10	%	113	50-200	NA		NA		NA	
Chrysene-D12	%	104	50-200	NA		NA		NA	
Perylene-D12	%	112	50-200	NA		NA		NA	
Nitrobenzene-D5	%	80	52-120	NA		NA		NA	
2-Fluorobiphenyl	%	85	21-120	NA		NA		NA	
p-Terphenyl-d14	%	101	36-138	NA		NA		NA	
Phenol-D5	%	30	13-120	NA		NA		NA	
2-Fluorophenol	%	44	21-120	NA		NA		NA	
2,4,6-Tribromophenol	%	90	62-133	NA		NA		NA	

29/61

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:01:20

Delta Environmental Consultants, Inc.
HB Fuller Waste Project - Non-ASP deliverables
METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS

pt: AN0326

30/61

Client ID Job No Sample Date	Lab ID	S Blank A05-B179	ASB1543303	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	320	NA		NA		NA	
Acenaphthylene	UG/KG	ND	320	NA		NA		NA	
Anthracene	UG/KG	ND	320	NA		NA		NA	
Benzo(a)anthracene	UG/KG	ND	320	NA		NA		NA	
Benzo(b)fluoranthene	UG/KG	ND	320	NA		NA		NA	
Benzo(k)fluoranthene	UG/KG	ND	320	NA		NA		NA	
Benzo(ghi)perylene	UG/KG	ND	320	NA		NA		NA	
Benzo(a)pyrene	UG/KG	ND	320	NA		NA		NA	
Benzyl alcohol	UG/KG	ND	320	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/KG	ND	320	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/KG	ND	320	NA		NA		NA	
2,2'-oxybis(1-chloropropane)	UG/KG	ND	320	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/KG	ND	320	NA		NA		NA	
4-Bromophenyl phenyl ether	UG/KG	ND	320	NA		NA		NA	
Butyl benzyl phthalate	UG/KG	ND	320	NA		NA		NA	
4-chloroaniline	UG/KG	ND	320	NA		NA		NA	
2-chloronaphthalene	UG/KG	ND	320	NA		NA		NA	
4-chlorophenyl phenyl ether	UG/KG	ND	320	NA		NA		NA	
Chrysene	UG/KG	ND	320	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/KG	ND	320	NA		NA		NA	
Dibenzofuran	UG/KG	ND	320	NA		NA		NA	
Di-n-butyl phthalate	UG/KG	ND	320	NA		NA		NA	
1,2-Dichlorobenzene	UG/KG	ND	320	NA		NA		NA	
1,3-Dichlorobenzene	UG/KG	ND	320	NA		NA		NA	
1,4-Dichlorobenzene	UG/KG	ND	320	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/KG	ND	320	NA		NA		NA	
Diethyl phthalate	UG/KG	ND	320	NA		NA		NA	
Dimethyl phthalate	UG/KG	ND	320	NA		NA		NA	
2,4-Dinitrotoluene	UG/KG	ND	320	NA		NA		NA	
2,6-Dinitrotoluene	UG/KG	ND	320	NA		NA		NA	
Di-n-octyl phthalate	UG/KG	ND	320	NA		NA		NA	
Fluoranthene	UG/KG	ND	320	NA		NA		NA	
Fluorene	UG/KG	ND	320	NA		NA		NA	
Hexachlorobenzene	UG/KG	ND	320	NA		NA		NA	
Hexachlorobutadiene	UG/KG	ND	320	NA		NA		NA	
Hexachlorocyclopentadiene	UG/KG	ND	320	NA		NA		NA	
Hexachloroethane	UG/KG	ND	320	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	ND	320	NA		NA		NA	
Isophorone	UG/KG	ND	320	NA		NA		NA	
2-Methylnaphthalene	UG/KG	ND	320	NA		NA		NA	
Naphthalene	UG/KG	ND	320	NA		NA		NA	
2-Nitroaniline	UG/KG	ND	1600	NA		NA		NA	
3-Nitroaniline	UG/KG	ND	1600	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2004
Time: 13:01:20

Delta Environmental Consultants, Inc.
HB Fuller waste Project - Non-ASP deliverables
METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS

t: AN0326

Client ID Job No Sample Date	Lab ID	S Blank A05-B179	A5B1543303	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
4-Nitroaniline	UG/KG	ND	1600	NA		NA		NA	
Nitrobenzene	UG/KG	ND	320	NA		NA		NA	
N-Nitrosodiphenylamine	UG/KG	ND	320	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/KG	ND	320	NA		NA		NA	
Phenanthrene	UG/KG	ND	320	NA		NA		NA	
Pyrene	UG/KG	ND	320	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/KG	ND	320	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	102	50-200	NA		NA		NA	
Naphthalene-D8	%	102	50-200	NA		NA		NA	
Acenaphthene-D10	%	101	50-200	NA		NA		NA	
Phenanthrene-D10	%	106	50-200	NA		NA		NA	
Chrysene-D12	%	96	50-200	NA		NA		NA	
Perylene-D12	%	103	50-200	NA		NA		NA	
Nitrobenzene-D5	%	52	41-120	NA		NA		NA	
2-Fluorobiphenyl	%	60	50-120	NA		NA		NA	
p-Terphenyl-d14	%	92	53-137	NA		NA		NA	
Phenol-D5	%	52	41-120	NA		NA		NA	
2-Fluorophenol	%	48	33-120	NA		NA		NA	
2,4,6-Tribromophenol	%	66	53-132	NA		NA		NA	

31/61

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:01:26

Delta Environmental Consultants, Inc.
HB Fuller Waste Project
DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS

pt: AN0326

32/61

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A05-B179 A5B1542501	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/L	88	10	NA		NA		NA	
Acenaphthylene	UG/L	ND	10	NA		NA		NA	
Anthracene	UG/L	ND	10	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA	
Benzyl alcohol	UG/L	ND	10	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/L	ND	20	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/L	ND	10	NA		NA		NA	
2,2'-Oxybis(1-Chloropropane)	UG/L	ND	10	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/L	ND	10	NA		NA		NA	
4-Bromophenyl phenyl ether	UG/L	3 BJ	10	NA		NA		NA	
Butyl benzyl phthalate	UG/L	ND	10	NA		NA		NA	
4-Chloroaniline	UG/L	ND	10	NA		NA		NA	
2-Chloronaphthalene	UG/L	ND	10	NA		NA		NA	
4-Chlorophenyl phenyl ether	UG/L	ND	10	NA		NA		NA	
Chrysene	UG/L	ND	10	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA	
Dibenzofuran	UG/L	ND	10	NA		NA		NA	
Di-n-butyl phthalate	UG/L	ND	10	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	66	10	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/L	ND	20	NA		NA		NA	
Diethyl phthalate	UG/L	ND	10	NA		NA		NA	
Dimethyl phthalate	UG/L	ND	10	NA		NA		NA	
2,4-Dinitrotoluene	UG/L	94	10	NA		NA		NA	
2,6-Dinitrotoluene	UG/L	ND	10	NA		NA		NA	
Di-n-octyl phthalate	UG/L	ND	10	NA		NA		NA	
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Hexachlorobenzene	UG/L	ND	10	NA		NA		NA	
Hexachlorobutadiene	UG/L	ND	10	NA		NA		NA	
Hexachlorocyclopentadiene	UG/L	ND	45	NA		NA		NA	
Hexachloroethane	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Isophorone	UG/L	ND	10	NA		NA		NA	
2-Methylnaphthalene	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
2-Nitroaniline	UG/L	ND	50	NA		NA		NA	
3-Nitroaniline	UG/L	ND	50	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:01:20

Delta Environment Consultants, Inc.
HB Fuller Waste Project - Non-ASP deliverables
DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS

Job: AN0326

Client ID Job No Sample Date		Lab ID	Matrix Spike Blank A05-B179 A5B1542501					
Analyte		Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
4-Nitroaniline		UG/L	ND	50	NA		NA	
Nitrobenzene		UG/L	ND	10	NA		NA	
N-Nitrosodiphenylamine		UG/L	ND	10	NA		NA	
N-Nitroso-Di-n-propylamine		UG/L	83	10	NA		NA	
Phenanthrene		UG/L	ND	10	NA		NA	
Pyrene		UG/L	100	10	NA		NA	
1,2,4-Trichlorobenzene		UG/L	72	10	NA		NA	
---IS/SURROGATE(S)---								
1,4-Dichlorobenzene-D4		%	102	50-200	NA		NA	
Naphthalene-D8		%	104	50-200	NA		NA	
Acenaphthene-D10		%	104	50-200	NA		NA	
Phenanthrene-D10		%	107	50-200	NA		NA	
Chrysene-D12		%	100	50-200	NA		NA	
Perylene-D12		%	108	50-200	NA		NA	
Nitrobenzene-D5		%	79	52-120	NA		NA	
2-Fluorobiphenyl		%	81	21-120	NA		NA	
p-Terphenyl-d14		%	106	36-138	NA		NA	
Phenol-D5		%	30	13-120	NA		NA	
2-Fluorophenol		%	42	21-120	NA		NA	
2,4,6-Tribromophenol		%	92	62-133	NA		NA	

33/61

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:01:20

Delta Environment
nsultants, Inc.
HB Fuller waste Project
Non-ASP deliverables
METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS

pt: AN0326

34/61

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A05-B179 A5B1543301	Matrix Spike Blk Dup A05-B179 A5B1543302	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	2500	330	2800	320	NA	NA	NA	NA
Acenaphthylene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Anthracene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Benzo(a)anthracene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Benzo(b)fluoranthene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Benzo(k)fluoranthene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Benzo(ghi)perylene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Benzo(a)pyrene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Benzyl alcohol	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Bis(2-chloroethyl) ether	UG/KG	ND	330	ND	320	NA	NA	NA	NA
2,2'-oxybis(1-chloropropane)	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	UG/KG	ND	330	ND	320	NA	NA	NA	NA
4-Bromophenyl phenyl ether	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	ND	330	ND	320	NA	NA	NA	NA
4-Chloroaniline	UG/KG	ND	330	ND	320	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Chrysene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Dibenzo(a,h)anthracene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Dibenzofuran	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Di-n-butyl phthalate	UG/KG	ND	330	ND	320	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	1700	330	1900	320	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Diethyl phthalate	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	ND	330	ND	320	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	2800	330	3000	320	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Di-n-octyl phthalate	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Fluoranthene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Fluorene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Isophorone	UG/KG	ND	330	ND	320	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
Naphthalene	UG/KG	ND	330	ND	320	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	1600	ND	1600	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	1600	ND	1600	NA	NA	NA	NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:01:20

Delta Environment
HB Fuller waste Project. Non-ASP deliverables
METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS

Job: AN0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A05-B179 A5B1543301		Matrix Spike Blk Dup A05-B179 A5B1543302			
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
4-Nitroaniline		ND	1600	ND	1600	NA	
Nitrobenzene		ND	330	ND	320	NA	
N-nitrosodiphenylamine		ND	330	ND	320	NA	
N-Nitroso-Di-n-propylamine		2300	330	2700	320	NA	
Phenanthrene		ND	330	ND	320	NA	
Pyrene		3000	330	3400	320	NA	
1,2,4-Trichlorobenzene		1800	330	2100	320	NA	
1,2,4-Trichlorobenzene =IS/SURROGATE(S)							
1,4-Dichlorobenzene-D4	%	110	50-200	104	50-200	NA	
Naphthalene-D8	%	110	50-200	106	50-200	NA	
Acenaphthene-D10	%	108	50-200	104	50-200	NA	
Phenanthrene-D10	%	116	50-200	108	50-200	NA	
Chrysene-D12	%	104	50-200	92	50-200	NA	
Perylene-D12	%	115	50-200	101	50-200	NA	
Nitrobenzene-D5	%	57	41-120	68	41-120	NA	
2-Fluorobiphenyl	%	71	50-120	82	50-120	NA	
p-Terphenyl-d14	%	98	53-137	112	53-137	NA	
Phenol-D5	%	56	41-120	66	41-120	NA	
2-Fluorophenol	%	50	33-120	58	33-120	NA	
2,4,6-Tribromophenol	%	80	53-132	91	53-132	NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20/
Time: 13:01:24

Delta Environmental Consultants, Inc.
HB Fuller waste Project
DELTA - METHOD 8082 - POLYCHLORINATED BIPHENYLS

t: AN0326

Client ID	Lab ID	Method Blank	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No		A5B1543403						
Sample Date								
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Reporting Limit
Aroclor 1016	UG/KG	ND	16	NA		NA		NA
Aroclor 1221	UG/KG	ND	16	NA		NA		NA
Aroclor 1232	UG/KG	ND	16	NA		NA		NA
Aroclor 1242	UG/KG	ND	16	NA		NA		NA
Aroclor 1248	UG/KG	ND	16	NA		NA		NA
Aroclor 1254	UG/KG	ND	16	NA		NA		NA
Aroclor 1260	UG/KG	ND	16	NA		NA		NA
SURROGATE(S)								
Tetrachloro-m-xylene	%	76	32-148	NA		NA		NA
Decachlorobiphenyl	%	89	36-153	NA		NA		NA

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NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:01:24

Delta Environment
HB Fuller waste Project
DELTA - METHOD 8082 - POLYCHLORINATED BIPHENYLS

pt: AN0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A05-B179 A5B1543401		Matrix Spike Blk Dup A05-B179 A5B1543402			
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	150	16	140	16	NA	NA
Aroclor 1221	UG/KG	ND	16	ND	16	NA	NA
Aroclor 1232	UG/KG	ND	16	ND	16	NA	NA
Aroclor 1242	UG/KG	ND	16	ND	16	NA	NA
Aroclor 1248	UG/KG	ND	16	ND	16	NA	NA
Aroclor 1254	UG/KG	ND	16	ND	16	NA	NA
Aroclor 1260	UG/KG	160	16	160	16	NA	NA
SURROGATE(S)							
Tetrachloro-m-xylene	%	84	32-148	80	32-148	NA	NA
Decachlorobiphenyl	%	96	36-153	93	36-153	NA	NA

37/61

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/20
Time: 13:01:28

Delta Environmental Consultants, Inc.
HB Fuller waste Project Non-ASP deliverables
DELTA - SW8463-6010/7471-S-TCLP METALS

pt: AN0326

Client ID Job No Sample Date	Lab ID	Extractor Blank A05-B179 A5B1557601		Extractor Blank A05-B179 A5B1596701		Method Blank A05-B179 A5B1557603		Method Blank A05-B179 A5B1596716	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.010	NA		ND	0.010	NA	
Barium - Total	MG/L	0.0044	0.0020	NA		ND	0.0020	NA	
Cadmium - Total	MG/L	ND	0.0010	NA		ND	0.0010	NA	
Chromium - Total	MG/L	ND	0.0040	NA		ND	0.0040	NA	
Mercury - Total	MG/L	NA		ND	0.00020	NA		ND	0.00020
Lead - Total	MG/L	0.032	0.0050	NA		ND	0.0050	NA	
Selenium - Total	MG/L	ND	0.015	NA		ND	0.015	NA	
Silver - Total	MG/L	ND	0.0030	NA		ND	0.0030	NA	

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NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:01:26

Delta Environmental Consultants, Inc.
HB Fuller waste Project - Non-ASP deliverables
DELTA - SW8463-6010/7471-S-TCLP METALS

pt: AN0326

Client ID Job No Sample Date	Lab ID	LCS A05-B179	A5B1557602	LCS A05-B179	A5B1596702	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	1.0	0.010	NA	0.00020	NA		NA	
Cadmium - Total	MG/L	0.97	0.0010	NA		NA		NA	
Selenium - Total	MG/L	1.0	0.015	NA		NA		NA	
Mercury - Total	MG/L	NA		0.0062		NA		NA	
Barium - Total	MG/L	0.98	0.0020	NA		NA		NA	
Chromium - Total	MG/L	0.96	0.0040	NA		NA		NA	
Lead - Total	MG/L	1.0	0.0050	NA		NA		NA	
Silver - Total	MG/L	0.98	0.0030	NA		NA		NA	

39/61

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/21/2
Time: 13:01:30

Delta Environmental Consultants, Inc.
HB Fuller waste project Non-ASP deliverables
WET CHEMISTRY ANALYSIS

pt: AN0326

Client ID Job No Sample Date	Lab ID	LCS A05-B179		A5B1544601		LCS A05-B179		A5B1552801		LCS A05-B179		A5B1560201	
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit		
pH Flashpoint Corrosivity (pH)	Units												
	S.U.	7.00	0	NA	0	NA	0	NA	0	NA	0	NA	0
	°F	NA		80.9		NA		7.00		NA		NA	
	S.U.	NA		NA									

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NA = Not Applicable ND = Not Detected

STL Buffalo

Client Sample ID: VBLK08 MSB08
Lab Sample ID: A5B1610902 A5B1610901

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
DELTA-METHOD 8260 - TCL VOLATILE ORGANIC					
1,1-Dichloroethene	UG/KG	57.4	50.0	115	65-146
Trichloroethene	UG/KG	51.0	50.0	102	74-127
Benzene	UG/KG	51.6	50.0	103	74-128
Toluene	UG/KG	50.7	50.0	102	74-123
Chlorobenzene	UG/KG	51.0	50.0	102	76-124

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK51 MSB51
Lab Sample ID: A5B1593502 A5B1593501

Analyte	Units of Measure	Concentration		% Recovery	QC LIMITS
		Blank Spike	Spike Amount	Blank Spike	
DELTA - METHOD 8260/25 ML - TCL VOLATILE					
1,1-Dichloroethene	UG/L	29.0	50.0	58 *	65-142
Trichloroethene	UG/L	29.5	50.0	59 *	71-120
Benzene	UG/L	30.1	50.0	60 *	67-126
Toluene	UG/L	25.6	50.0	51 *	69-120
Chlorobenzene	UG/L	25.3	50.0	51 *	73-120

client Sample ID: S Blank Matrix Spike Blank
 Lab sample ID: A5B1542502 A5B1542501

Analyte	Units of Measure	Concentration		% Recovery	QC LIMITS
		Blank Spike	Spike Amount		
DELTA-METHOD 8270 - TCL BASE NEUTRALS CO					
1,4-Dichlorobenzene	UG/L	66.2	100	66	28-120
N-Nitroso-Di-n-propylamine	UG/L	83.0	100	83	53-120
1,2,4-Trichlorobenzene	UG/L	72.2	100	72	36-120
Acenaphthene	UG/L	87.8	100	88	55-120
2,4-Dinitrotoluene	UG/L	93.5	100	94	53-125
Pyrene	UG/L	102	100	102	50-151

Client Sample ID: S Blank Matrix Spike Blank Matrix Spike Blk Dup
 Lab Sample ID: A5B1543303 A5B1543301 A5B1543302

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SB	SBD	SB	SBD	Avg		RPD	REC.
METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS												
1,4-Dichlorobenzene	UG/KG	1676	1928	3303	3276	59	51	59	55	14	30.0	30-120
N-Nitroso-Di-n-propylamine	UG/KG	2322	2676	3303	3276	82	70	82	76	16	20.0	52-120
1,2,4-Trichlorobenzene	UG/KG	1824	2104	3303	3276	64	55	64	60	15	24.0	42-120
Acenaphthene	UG/KG	2507	2828	3303	3276	86	76	86	81	12	16.0	57-120
2,4-Dinitrotoluene	UG/KG	2760	3033	3303	3276	92	84	92	88	9	19.0	51-126
Pyrene	UG/KG	3007	3427	3303	3276	104	91	104	98	13	25.0	56-155

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

Date : 10/21/ 13:01:41

Rept: AN0364

Client Sample ID: Method Blank Matrix Spike Blank Matrix Spike Blk Dup
 Lab Sample ID: A5B1543403 A5B1543401 A5B1543402

Analyte	Units of Measure	Concentration				Spike Amount		% Recovery			% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	REC.			
DELTA - METHOD 8082 - POLYCHLORINATED BI Aroclor 1260 Aroclor 1016	UG/KG	163	160	165	164	98	97	98	1	35.0	41-139		
	UG/KG	151	144	165	164	92	87	90	6	35.0	39-131		

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* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

STL Buffalo

Client Sample ID: Extractor Blank LCS
 Lab Sample ID: A5B1557601 A5B1557602

Analyte	Units of Measure	Concentration		% Recovery	QC LIMITS
		Blank Spike	Spike Amount		
DELTA - SW8463-6010/7471-S-TCLP METALS					
TCLP TOTAL ARSENIC	MG/L	1.03	1.00	103	80-120
TCLP TOTAL BARIUM	MG/L	0.982	1.00	98	80-120
TCLP TOTAL CADMIUM	MG/L	0.970	1.00	97	80-120
TCLP TOTAL CHROMIUM	MG/L	0.957	1.00	96	80-120
TCLP TOTAL LEAD	MG/L	1.02	1.00	100	80-120
TCLP TOTAL SELENIUM	MG/L	1.02	1.00	102	80-120
TCLP TOTAL SILVER	MG/L	0.978	1.00	98	80-120

Date : 10/21/ 13:01:44

Rept: AN0364

Client Sample ID: Extractor Blank LCS
Lab Sample ID: A5B1596701 A5B1596702

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
DELTA - SW8463-6010/7471-S-TCLP METALS TCLP TOTAL MERCURY	MG/L	0.00615	0.00666	92	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

DELTA-METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	WASTE S A05-B179 A5B17902	WASTE W A05-B179 A5B17901		
Sample Date	10/03/2005 12:10			
Received Date	10/05/2005 07:45			
Extraction Date	10/18/2005 20:40			
Analysis Date	-			
Extraction HT Met?	NO			
Analytical HT Met?	SOIL			
Sample Matrix	LOW			
Dilution Factor	1.0			
Sample wt/vol	5.18			
% Dry	84.37			

DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	WASTE S A05-B179 A5B17902	WASTE W A05-B179 A5B17901		
Sample Date				
Received Date				
Extraction Date				
Analysis Date				
Extraction HT Met?				
Analytical HT Met?	NA			
Sample Matrix				
Dilution Factor				
Sample wt/vol				
% Dry				

10/03/2005 12:00

10/05/2005 07:45

10/14/2005 23:05

-

YES

WATER

1.0

0.005 LITERS

DELTA-METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	MSB08 A05-B179 A5B1610901	MSB51 A05-B179 A5B1593501	WASTE S A05-B179 A5B17902MS	WASTE S A05-B179 A5B17902SD
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/18/2005 19:41 - - SOIL LOW 1.0 5.0 GRAMS 100.00	NA	10/03/2005 12:10 10/05/2005 07:45 10/18/2005 21:09 - NO SOIL LOW 1.0 5.13 GRAMS 84.37	10/03/2005 12:10 10/05/2005 07:45 10/18/2005 21:39 - NO SOIL LOW 1.0 5.17 GRAMS 84.37

DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	MSB08 A05-B179 A5B1610901	MSB51 A05-B179 A5B1593501	WASTE S A05-B179 A5B17902MS	WASTE S A05-B179 A5B17902SD
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	10/15/2005 01:30 - - WATER 1.0 0.005 LITERS	NA	NA

Date: 10/21/21
Time: 13:01:50

DELTA ENVIRONMENTAL CONSULTANTS, INC.
QC SAMPLE ANALOLOGY

pt: AN0374
Age: 3

DELTA-METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab sample ID	VBLK08 A05-B179 A5B1610902	VBLK51 A05-B179 A5B1593502		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/18/2005 20:10 - SOIL LOW 1.0 5.0 GRAMS 100.00	NA		

DELTA - METHOD 8260/25 ML - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab sample ID	VBLK08 A05-B179 A5B1610902	VBLK51 A05-B179 A5B1593502		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	10/14/2005 22:36 - WATER 1.0 0.005 LITERS		

NA = Not Applicable

STL Buffalo

DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS

Client Sample ID Job No & Lab Sample ID	WASTE S A05-B179 A5B17902	WASTE W A05-B179 A5B17901		
Sample Date		10/03/2005 12:00		
Received Date		10/05/2005 07:45		
Extraction Date		10/07/2005 07:00		
Analysis Date		10/13/2005 21:45		
Extraction HT Met?	NA	YES		
Analytical HT Met?		YES		
Sample Matrix		WATER		
Dilution Factor		1.0		
Sample wt/vol		1.05 LITERS		
% Dry				

METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS

Client Sample ID Job No & Lab Sample ID	WASTE S A05-B179 A5B17902	WASTE W A05-B179 A5B17901		
Sample Date	10/03/2005 12:10			
Received Date	10/05/2005 07:45			
Extraction Date	10/07/2005 07:00			
Analysis Date	10/14/2005 03:38			
Extraction HT Met?	YES	NA		
Analytical HT Met?	YES			
Sample Matrix	SOIL			
Dilution Factor	1.0			
Sample wt/vol	30.7 GRAMS			
% Dry	80.71			

DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A05-B179 A5B1542501	Matrix Spike Blank A05-B179 A5B1543301	Matrix Spike Blk Dup A05-B179 A5B1543302
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/07/2005 07:00 10/12/2005 00:05 - - WATER 1.0 LITERS	NA	NA

METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A05-B179 A5B1542501	Matrix Spike Blank A05-B179 A5B1543301	Matrix Spike Blk Dup A05-B179 A5B1543302
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	10/07/2005 07:00 10/14/2005 00:55 - - SOIL LOW 1.0 GRAMS 30.27 100.00	10/07/2005 07:00 10/14/2005 01:22 - - SOIL LOW 1.0 GRAMS 30.52 100.00

DELTA-METHOD 8270 - TCL BASE NEUTRALS COMPOUNDS

Client Sample ID Job No & Lab Sample ID	S Blank A05-B179 A5B1542502	S Blank A05-B179 A5B1543303		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/07/2005 07:00 10/12/2005 00:32 - - WATER 1.0 1.0 LITERS	NA		

METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS

Client Sample ID Job No & Lab Sample ID	S Blank A05-B179 A5B1542502	S Blank A05-B179 A5B1543303		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	10/07/2005 07:00 10/14/2005 01:49 - - SOIL 1.0 30.53 GRAMS 100.00		

DELTA - METHOD 8082 - POLYCHLORINATED BIPHENYLS

Job No & Lab Sample ID	Client Sample ID	WASTE S			
		A05-B179 A5B17902			
Sample Date	10/03/2005	12:10			
Received Date	10/05/2005	07:45			
Extraction Date	10/07/2005	07:00			
Analysis Date	10/12/2005	15:58			
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	SOIL	LOW			
Dilution Factor	1.0				
Sample wt/vol	30.62	GRAMS			
% Dry	80.71				

DELTA - METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A05-B179 A5B1543401	Matrix Spike Blk Dup A05-B179 A5B1543402		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/07/2005 07:00 10/12/2005 15:04 - - SOIL LOW 1.0 30.16 GRAMS 100.00	10/07/2005 07:00 10/12/2005 15:22 - - SOIL LOW 1.0 30.31 GRAMS 100.00		

DELTA - METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A05-B179 A5B1543403			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/07/2005 07:00 10/12/2005 15:40 - - SOIL LOW 1.0 30.7 GRAMS 100.00			

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A5B17902	WASTE S	MG/L	Arsenic - Total	6010	1.00	10/03/2005 12:10	10/05 07:45	10/08	Yes	10/11 20:50	Yes SOIL
		MG/L	Barium - Total	6010	1.00	10/03/2005 12:10	10/05 07:45	10/08	Yes	10/11 20:50	Yes SOIL
		MG/L	Cadmium - Total	6010	1.00	10/03/2005 12:10	10/05 07:45	10/08	Yes	10/11 20:50	Yes SOIL
		MG/L	Chromium - Total	6010	1.00	10/03/2005 12:10	10/05 07:45	10/08	Yes	10/11 20:50	Yes SOIL
		MG/L	Mercury - Total	7470	1.00	10/03/2005 12:10	10/05 07:45	10/08	Yes	10/17 14:10	Yes SOIL
		MG/L	Lead - Total	6010	1.00	10/03/2005 12:10	10/05 07:45	10/08	Yes	10/11 20:50	Yes SOIL
		MG/L	Selenium - Total	6010	1.00	10/03/2005 12:10	10/05 07:45	10/08	Yes	10/11 20:50	Yes SOIL
		MG/L	Silver - Total	6010	1.00	10/03/2005 12:10	10/05 07:45	10/08	Yes	10/11 20:50	Yes SOIL

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STL Buffalo

AHT = Analysis Holding Time Met
 THT = TCLP Holding Time Met
 NA = Not Applicable

Date: 10/21/11 13:02:01
Jobno: A05-B1.

DELTA ENVIRONMENTAL CONSULTANTS, INC.
QC Chemistry

Rept: AN0369

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A5B1557603	Method Blank	Mg/L	Arsenic - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
		Mg/L	Barium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
		Mg/L	Cadmium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
		Mg/L	Chromium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
		Mg/L	Lead - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
A5B1596716	Method Blank	Mg/L	Selenium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
		Mg/L	Silver - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
		Mg/L	Mercury - Total	7470	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
		Mg/L	Arsenic - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
		Mg/L	Barium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:27	Yes WATER
A5B1557601	Extractor Blank	Mg/L	Cadmium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Chromium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Lead - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Selenium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Silver - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
A5B1596701	Extractor Blank	Mg/L	Mercury - Total	7470	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Arsenic - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Barium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Cadmium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Chromium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
A5B1557602	LCS	Mg/L	Lead - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Selenium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Silver - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Arsenic - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
		Mg/L	Barium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:36	Yes WATER
A5B1596702	LCS	Mg/L	Cadmium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:31	Yes WATER
		Mg/L	Chromium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:31	Yes WATER
		Mg/L	Lead - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:31	Yes WATER
		Mg/L	Selenium - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:31	Yes WATER
		Mg/L	Silver - Total	6010	1.00	-	- 07:45	NA	NA	10/11 20:31	Yes WATER
A5B1596702	LCS	Mg/L	Mercury - Total	7470	1.00	-	- 07:45	NA	NA	10/17 14:18	Yes WATER

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STL Buffalo

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT Matrix
A5B1544601	LCS	S.U.	pH	9040	1.00	-	- 07:45	NA	NA	10/06 16:30	Yes WATER
A5B1552801	LCS	°F	Flashpoint	1010	1.00	-	- 07:45	NA	NA	10/08 08:00	Yes SOIL
A5B1560201	LCS	S.U.	corrosivity (pH)	9045	1.00	-	- 07:45	NA	NA	10/10 15:04	Yes SOIL

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STL Buffalo

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