April 26, 2006

OFFSITE GROUNDWATER INVESTIGATION REPORT

Former Thypin Steel, Inc. Plant
Manorhaven, New York

Prepared for

MBA - MANORHAVEN, LLC
Princeton, New Jersey

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1.0 INTRODUCTION

On behalf of MBA-Manorhaven, LLC (MBA- Manorhaven), Roux Associates, Inc. (Roux Associates) has prepared this Offsite (Operable Unit 2 [OU-2]) Groundwater Investigation Report (Report) for the Toms Point property located adjacent to the former Thypin Steel, Inc. Plant in Manorhaven, New York (OU-1). The Offsite Groundwater Investigation relates to the Toms Point property, which is only part of OU-2, but this area will be referenced hereafter as OU-2. The OU-2 investigation objective was to investigate the groundwater quality on the Toms Point property located downgradient of impacted areas at OU-1 as detailed in the New York State Department of Environmental Conservation (NYSDEC) approved Offsite Groundwater Investigation Work Plan (Work Plan), dated April 18, 2005. The locations of OU-1 and the Toms Point property are shown on Figure 1. The Toms Point property investigation activities were conducted from November 10 through February 16, 2006.

The remaining sections of this Report include the Field Investigation Activities (Section 2.0), Geologic Conditions and Analytical Results (Section 3.0), Summary and Recommendations (Section 4.0), and References (Section 5.0).

1.1 Study Area Location and Description

Both OU-1 and OU-2 are located on Manhasset Island, which is currently relatively flat. The area was once hilly and called Dodge Island (Kent, 2000). The hilly Dodge Island was eventually flattened due to sand mining operations, which began in the 1870s. A historic map of the area in 1858 illustrates that the "first sand' was dug from Toms Point. In addition, an aerial photograph from 1927 shows that the island was barren at that time, and appeared to have been mined down to approximately its present day elevation (Shodell, 1995).

OU-1 is approximately 11 acres in size and is located at 5 Sagamore Hill Drive in the Village of Manorhaven, New York. OU-1 is bordered to the north by Yennicock Avenue, to the east by Sagamore Hill Drive, and to the west by Manhasset Bay (Plate 1). Located to the south of OU-1 is the Toms Point property (OU-2), and is the focus of this investigation. The Toms Point property is approximately 6 acres in size, and includes eight two-story residential buildings separated with landscaped common and asphalt parking areas. The buildings were built between 1965 and 1966. With the exception of the north property boundary, the Toms Point property is

surrounded on the three remaining sides by Manhasset Bay and has a steel sheet-piling bulkhead that was installed in 1983, which surrounds the majority of the north, east and south bounds of the property (Plate 1). Historic wooden bulkheads were constructed at various times throughout the development of the property and it is believed that they are still present inland of the existing steel sheet-piling bulkhead (Einsidler, 2006).

OU-1 is known as the location of the first transatlantic flights from the United States to Europe. In addition to its use as an airport, several manufacturing firms operated at OU-1, including firms that worked for the United States government during World War II and the Korean Conflict. In 1958, after OU-1 had been utilized for more than 40 years for military and commercial operations, the Thypin Realty Company purchased OU-1 from the United States General Services Administration. The Thypin Steel Company utilized OU-1 for the storage and cutting of steel products for 30 years. OU-1 has been vacant since 1988. The buildings and aboveground structures were demolished in the early 1990s. A summary of the past and current owners and operators of OU-1 is provided in OU-1 Investigation Results Report (SIRR) (Roux Associates 2001).

The principal OU-1 contaminants present within the groundwater beneath OU-1 are CVOCs, with the primary seven compounds of concern being 1,1,1-trichloroethane (TCA), tetrachloroethene (PCE), trichloroethene (TCE), 1,1-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethane, and vinyl chloride. The CVOCs are present within the shallow and intermediate zones of the aquifer. The CVOCs were found at lower concentrations and less widespread distribution within the shallow zone beneath OU-1, being mostly undetected at the property boundary with the Toms Point property.

2.0 OU-2 FIELD INVESTIGATION ACTIVITIES

The field investigation tasks performed by Roux Associates were completed in accordance with the April 18, 2005 Work Plan and included: completion of six water-quality borings and collection of soil and groundwater samples; installation and gauging of temporary well points; and collection of soil gas samples. The investigation activities were completed during two phases. The initial phase of on-site activities, conducted from November 10 through November 16, 2005, included the completion of a geophysical investigation to identify potential subsurface utilities located in the vicinity of the water-quality borings followed by the completion of three water-quality borings (OSB-1, OSB-2, and OSB-3). Samples were sent to Severn Trent Laboratoriesfor analysis using standard 10-day turn-around. The analytical results received for these groundwater samples showed that concentrations exceeded the New York State Department of Environmental Conservation (NYSDEC) Ambient Water Quality Standards Guidance Values (AWQSGVs) for CVOCs in some instances. Therefore, a second phase of on-site sampling activities was conducted from February 12 through February 16, 2006, in accordance with the Work Plan. The second phase of activities included the completion of three water-quality borings, the installation and gauging of three temporary wells, and the collection of six soil gas samples. Laboratory analyses, once received, were then submitted for quality control review. The investigation activities are summarized below.

2.1 Water-Quality Borings

Prior to the advancement of the borings, a geophysical survey was performed in the vicinity of each proposed location. The geophysical survey identified subsurface utilities allowing for the safe placement of borings. A utility clearance performed by hand to a depth of 5 feet bls was also completed to verify that no subsurface utilities were present at any of the boring locations.

At total of six water-quality borings (OSB-1 through OSB-6) were completed using the HydroPunch™ method (see Plate 1). Three of the borings (OSB-1 through OSB-3) were completed during the first phase of investigation activities. In accordance with the Work Plan additional water-quality boring were completed downgradient of the first three borings (OSB-1, OSB-2, and OSB-3) where the analytical results of groundwater samples from these borings exceed the AWQSGVs for CVOCs as explained below:

- OSB-4 was completed within the assumed downgradient area of OSB-3;

- OSB-5 was completed within the assumed downgradient area of OSB-1; and
- OSB-6 was completed within the assumed downgradient area of OSB-2.

All of the water-quality borings were completed to depths that extend through the shallow and intermediate zones (as defined during the OU-1 investigations). During the OU-1 investigations, the shallow zone was defined as extending from the water table to 20 feet bls, and the intermediate zone extending from 20 to 50 feet bls. The water-quality borings were completed to a minimum depth of 60 feet bls to allow for a downward component of groundwater flow and to ensure a more thorough investigation. The maximum depth that the water-quality borings were advanced was 75 feet bls.

2.1.1 Groundwater Sampling

During the water-quality borings the HydroPunch™ method allowed for the collection of discrete samples in each water-quality boring. The groundwater samples were collected at 10-foot intervals beginning at the water table (approximately 10-15 feet bls). At locations OSB-1 through OSB-3 the borings were terminated at 60 feet bls in accordance with the Work Plan. At sampling locations OSB-4 through OSB-6 the borings were advanced deeper to allow for a downward component of groundwater flow and to provide a more comprehensive investigation. The borings OSB-4 through OSB-6 were advanced to the maximum depth that the sampling equipment was able to reach and the deepest groundwater samples collected ranged from 60 to 75 feet bls.

All groundwater samples were collected following the procedures (e.g., quality assurance/quality control, chain-of-custody, and decontamination) set forth in the sampling and analysis plan (SAP) provided as Appendix A in the IWP (Roux Associates 2000). All samples were placed in containers provided by and sent to Severn Trent Laboratories in Shelton, Connecticut (STL-CT) for CVOC analysis using United States Environmental Protection Agency (USEPA) Method 8260.

2.1.2 Soil Sampling

During the completion of all water-quality borings, soil samples were collected continuously from the unsaturated zone (from land surface to the water table) using macro-core samplers. In

addition, for water-quality borings OSB-1 and OSB-5, soil samples were also collected from the saturated zone (water table to the bottom of the borehole - approximately 60 feet bls). All soil samples were catalogued following the Unified Soil Classification System and were also measured in the field for VOCs using a flame ionization detector (FID). The soil boring logs are included in Appendix A.

During the completion of the borings, only one soil sample showed elevated FID measurements. The sample was collected from OSB-4 from the 6 to 8 feet bls interval and analyzed for CVOCs analyses using USEPA Method 8260.

2.1.3 Soil Gas Sampling

During the second phase of the investigation activities soil gas samples were collected adjacent to each of the six water-quality borings. In accordance with April 18, 2006 DEC/DOH-approved Work Plan, one discrete sample was collected for analysis adjacent to each sampling location at 4 feet bls. In addition, one field blank consisting of zero gas and one duplicate sample were collected for laboratory analysis during the sampling event.

The samples were collected using the Geoprobe™ method, following New York State Department of Health (NYSDOH) Draft Guidance for Evaluating Soil Gas Intrusion in the State of New York (Public Comment Draft – February 2005) as follows:

- A 1.5-inch diameter discrete sampler was advanced to a depth of 4 feet bls. Polyethylene sample tubing was placed through the rods and into the discrete sampler. The tubing was passed through a plastic container (i.e., bucket) and connected to a 'T' connector three-way valve assembly, with one end of the 'T' connector leading to a vacuum pump and the other end leading to a pre-evacuated six-liter summa canister with regulator calibrated to collect a sample at a rate less than 0.2 liters per minute (L/min).

- A tracer gas (i.e., helium) was then used to enrich the atmosphere in the immediate vicinity of the sampling location (using an inverted bucket) where the sample tubing intersects the ground surface to test the borehole seal and verify that ambient air was not inadvertently drawn into the sample.

- The soil gas sample tubing was then purged of approximately three volumes of the sample tubing using a vacuum pump set at a rate of approximately 0.2 L/min. Both the purged air in the sample tubing and the helium-enriched area within the bucket were screened for the tracer gas. At each sampling point the helium detected in the sampling tubing was less than 20 percent of the helium detected in the enriched area (i.e., within

the bucket), verifying that the seals around the sampling equipment were functioning properly.

- Following the purging and tracer gas verification steps, the pump was turned off, the valve leading to the air purge pump was closed, and the soil gas was directed to the summa canister for sample collection at a rate less than 0.2 L/min.

The soil gas samples were submitted to Severn Trent Laboratories, Inc. and analyzed for CVOCs using a gas chromatograph/mass spectrometer following the United States Environmental Protection Agency Method (USEPA) TO15.

2.2 Temporary Monitoring Wells

In accordance with the Work Plan three temporary monitoring wells were installed using the Geoprobe™ method, following the completion of borings OSB-4 through OSB-6. The purpose of these temporary monitoring wells was to determine groundwater flow direction in the shallow zone at the Toms Point property. These wells were installed to a depth of approximately 15 feet bls and intersected the water table. The wells were constructed of one-inch diameter polyvinyl chloride (PVC) pipe with 10 feet of PVC screen (five feet above the water table and five feet below the water table) and five feet of PVC riser pipe.

A measuring point for each temporary monitoring well was surveyed for its vertical coordinates relative to the North American Vertical Datum (1988). Water levels were measured in the temporary monitoring wells concurrently with selected shallow OU-1 monitoring wells to evaluate the relationship of OU-1 and Tom Point property shallow groundwater flow conditions. The temporary monitoring wells were removed following the completion of the investigation activities.

3.0 GEOLOGIC CONDITIONS AND ANALYTICAL RESULTS

Geologic conditions and contamination beneath OU-1 have been characterized during the previous investigation (Roux Associates 2001). The geologic conditions that were identified during previous investigations correlate well observations made during this investigation as summarized below.

3.1 Geologic Conditions

Three strata were observed from land surface to the maximum depth of investigation, which was 75 feet bls within the Toms Point property. These strata include:

- Disturbed, brown sand strata (i.e., fill material), which is present throughout OU-1 and was identified in borings OSB-1, OSB-2 and OSB-3, with a maximum depth of 5 feet bls. The fill materials are unsaturated and are characterized as predominantly fine to coarse sand with trace amounts of asphalt and brick materials;

- Orange/tan sand and grey silt/clay strata, which underlies the fill material to a depth of approximately 60 feet bls. The water table is located near the top of the sand strata at a depth of approximately 10 feet bls as measured in temporary monitoring wells, therefore this unit and those below are saturated; and

- The orange-brown sand grades to a finer grey material and eventually transitions into a silty clay, which represents the silt/clay strata. The Gray silt/clay strata was observed to a depth of 75 feet bls beneath Toms Point property and extends to approximately 240 feet bls based on regional data (USGS, 1992).

These strata are interpreted to include the Upper Glacial formation (sand strata) and the Port Washington Confining Unit (silt/clay) strata. The sand strata are saturated and are the uppermost aquifer unit within the Manorhaven area. Although the aquifer is a continuous unit, shallow and intermediate zones are referred to in relation to differences in elevation. Based on published geologic information available for the Manorhaven area, other geologic units exist at depths well below 75 feet bls, but were not encountered during this investigation (USGS, 1992). Limited geologic observations were made during this groundwater investigation, but the strata observed correlate with the data collected during OU-1 investigation (Roux Associates, 2001).

3.2 Groundwater Flow

On February 16, 2006 a round of water-level measurements was collected in the temporary wells (OSB-4, OSB-5, and OSB-6) located within the Toms Point property and five shallow monitoring wells located within OU-1 (MW-2S, MW-21, MW-26S, MW-29S, and MW-30S).

The water-level measurements are summarized in Table 1. The groundwater elevation data were used to construct a water-level elevation contour map as shown in Plate 1. The groundwater flow direction is generally to the south along the OU-1 boundary, but there is a change in groundwater flow from the northwest toward the southeast, beneath the Toms Point property. This change in groundwater direction may be due to tidal influence or anomalies related to the presence of the current steel sheet-piling bulkhead or historic seawalls that may be present beneath the Toms Point property.

3.3 Data Usability Summary Report

A Data Usability Summary Report (DUSR) was performed on the soil, groundwater and soil gas analytical data, prepared by Data Validation Services. The DUSR was performed in accordance wit the USEPA Region II validation standard operating procedures, the USEPA National Functional Guidelines for Data Review, and the NYSDEC DUSR guidelines (revised 1997). The DUSR includes a data review of the raw data and the quality control parameters. The results of the DUSR indicate that most sample results are usable as reported, or usable with minor edit or qualification as estimated due to processing or matrix effects. The DUSR is provided in Appendix B.

3.4 Soil Analytical Results

Soil samples were screened in the field utilizing a FID approximately every two feet, from land surface to the water table within each boring and from the landsurface to the bottom of the boring at OSB-1 and OSB-4. A total of 50 soil samples were screened with the FID, and only one soil sample indicated elevated detections of volatile compounds or odors. This sample was collected from boring OSB-4 from the interval of 6-8 feet bls, with a detection of 100 parts per million (ppm) by the FID. The material was finer-grained than the overlying and underlying material and had an organic odor. In accordance with the Work Plan, the sample was sent to a laboratory and analyzed for VOCs. Only minor detections of acetone, methyl chloride and toluene were detected with concentrations of 0.11, 0.037, and 0.0014 milligrams per kilogram, respectively. These detections are well below the NYSDEC recommended soil cleanup objectives (RSCOs) as presented in Table 2, and are commonly detected in the form of residues from cleaning chemicals used in laboratories where environmental samples are analyzed.

3.5 Groundwater Analytical Results

Groundwater samples were collected for analysis from the borings utilizing the HydroPunch™ method. This method permits the collection of discrete groundwater samples to delineate the horizontal and vertical extent of the VOCs in groundwater. The results indicated that CVOCs were detected at concentrations that exceed the NYSDEC AWQSGVs in all of the boring locations as shown in Plate 2. Fifteen VOCs were detected in groundwater and 11 of these VOCs were detected in groundwater at concentrations that exceed the NYSDEC AWQSGVs. The 11 compounds which exceeded the AWQSGVs were; 1,1,1-trichloroethane (TCA), 1,1,2-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, 1,2-dichloroethene, chloroform, cis-1,2-dichloroethane, tetrachloroethene (PCE), toluene, trichloroethene (TCE), and vinyl chloride

PCE and TCA were not detected at concentrations higher than their respective NYSDEC AWQSGV in any of the groundwater samples collected within the Toms Point property, with the exception of one sample, OSB-3 at the 30-foot interval. TCE was the only primary CVOC identified during the OU-1 investigation that was also detected in each of the Toms Point property borings. The maximum TCE concentration in each boring was detected in the intermediate zone, ranging in depths from 30 to 50 feet bls. These maximum concentrations of TCE are present at shallower depths (i.e., 30 to 40 feet bls) in the borings closer to the OU-1 (i.e., OSB-1, OSB-2, and OSB-3), than observed in the borings that are downgradient and further away from OU-1 (i.e., OSB-4, OSB-5 and OSB-6) where the highest concentrations are observed at depths ranging from 40 to 50 feet bls. TCE was detected at the largest concentrations in OSB-1 and OSB-6 with concentrations of 5,500 and 2,400 micrograms per liter (µg/L), respectively. Due to the apparent southeasterly direction of groundwater flow in OU-2, Boring OSB-6 turns out to have been completed downgradient of OSB-1 as shown on Plate 1.

Contamination that occurs within the groundwater present at the water table (i.e., shallow zone) has the potential to partition from the groundwater into the overlying soil gas. Contamination below the water table (i.e., intermediate zone) is not in contact with the overlying soil gas and will not partition into it. Therefore, if the groundwater present at the water table does not contain contaminants, it will act as a buffer between deeper groundwater contamination and the overlying soil gas.

TCE was the only contaminant of concern that was detected at the water table within the six OU-2 borings. TCE was detected in three of the six water table samples, however two of these detections were so small that only estimated concentrations were available, both being 1.4 µg/L. Only one water table sample (OSB-6) slightly exceeded the NYSDEC AWQSGV for TCE of 5 µg/L, with a concentration of 8.5 µg/L.

3.6 Soil Gas Analytical Results

Soil gas samples were collected for analysis from six sampling locations adjacent to the six boring locations OSB-1 through OSB-6. Concentrations of VOCs in soil gas were detected at all six locations. The soil gas analytical data is provided in Table 4, and the soil gas sampling forms used in the field are included in Appendix C.

Within the NYSDOH Draft Guidance for Evaluating Soil Gas Intrusion in the State of New York (Public Comment Draft – February 2005)(Draft Guidance), decision matrices are provided to evaluate the potential for soil gas intrusion by comparing sub-slab soil gas concentrations with indoor air concentrations for three compounds, PCE, TCE, and TCA. Depending on the concentrations of both sub-slab soil gas and indoor air samples, the Draft Guidance recommends no further action, future monitoring of indoor air concentrations, or mitigation of potential exposures to soil gas. The soil gas samples collected during the OU-2 investigation are likely representative of sub-slab soil gas conditions; however, the Draft Guidance requires that the sub-slab soil gas value for TCA, PCE and TCE need to be compared to indoor air concentrations to evaluate the potential for soil gas intrusion at each given location. As a result, Section 4.1 of this report recommends collecting indoor air samples as a next step so that the data can be compared to the decision matrices.

The sub-slab guidance value for TCA and PCE is 100 micrograms per meter cubed (µg/m^3) and the guidance value for TCE is 5 µg/m^3. The concentrations detected in the soil gas samples are well below guidance criteria with only one detection of TCA observed in OSB-2 at a concentration of 1.8 µg/m^3. TCE was only detected in two soil gas samples, OSB-1 and OSB-3, with concentrations of 1.7 and 1.1 µg/m^3, respectively. PCE was detected in all of the soil gas samples within concentrations ranging from 1.7 to 41 µg/m^3.

Although PCE was detected in every soil gas sample collected at the Toms Point property, no PCE was detected in any water table sample collected at the Toms Point property. In fact, PCE was only detected above the NYSDEC AWQSGV in one boring (OSB-2) and that sample was collected at an interval approximately 20 feet below the water table. Furthermore, the boring with the highest detection of PCE in groundwater (from the intermediate zone) was not the location of the highest soil gas detection of PCE.

TCE was detected in soil gas at two of the six sampling locations. TCE was detected in water table samples in three of the six sampling locations. In only one location, OSB-1, was TCE detected in soil gas and in the water table sample at the same location. The second detection of TCE in soil gas occurred at a sampling location where TCE was not detected in the water table sample. The location with the only exceedance of the AWQSGV for TCE at the water table was at soil boring OSB-6; however, TCE was not detected in the soil gas sample collected at this location. The lack of correlation between TCE and PCE concentrations in soil gas compared to water table samples is summarized below:

Sampling Designation	Concentrations of PCE		Concentrations of TCE	
	Soil Gas $\mu g/m^3$	Water Table $\mu g/L$	Soil Gas $\mu g/m^3$	Water Table $\mu g/L$
OSB-1	41	ND	1.7	1.4 J
OSB-2	13	ND JV	ND	ND JV
OSB-3	12	ND	1.1	ND
OSB-4	1.7	ND	ND	ND
OSB-5	14	ND	ND	1.4 J
OSB-6	3.9	ND	ND	8.5

Notes:

J – Estimated value
ND – Not Detected
V – Value qualifier added by data validator

As shown, there is a little correlation between the compounds detected in groundwater and the compounds detected in soil gas. In fact, soil gas is a notoriously unreliable indicator of soil and/or groundwater contamination. The ASTM Standard Guide for Soil Gas Monitoring in the Vadose Zone D 5314-92 indicated that soil gas data should never be used as a stand-alone technique due to the variable nature of soil gas (i.e. multiple in-situ parameters which govern its nature) and should only be used as a screening technique.

4.0 SUMMARY AND RECOMMENDATIONS

The objective of this investigation was to characterize the groundwater quality on the Toms Point property located downgradient of OU-1. A summary of the investigation tasks performed to complete these objectives and preliminary recommendations are provided below.

A total of six water-quality borings were completed to facilitate the collection of 20 discrete groundwater samples and 50 soil samples which were screened with a FID and characterized. All of the groundwater and one soil sample were sent for laboratory analysis in accordance with the Work Plan. In addition, six soil gas samples were collected adjacent to each of the six water-quality borings. Lithologic data derived from the soil boring logs were used to verify the composition of the subsurface and groundwater elevations were measured from three temporary wells to characterize the hydrogeologic conditions beneath the Toms Point property.

Water-quality borings were advanced to a maximum depth of 75 feet bls, and fill material was observed from the land surface to a maximum depth of 5 feet bls. The subsurface geologic conditions observed during this investigation are similar to those identified during the OU-1 investigation (Roux Associates 2001). CVOCs are present primarily within the intermediate zone of the OU-2 aquifer, at increasing depths as samples were collected further away from OU-1. The highest concentrations of TCE were noted in borings OSB-1 and OSB-6, which appears to coincide with a hydraulic gradient trending from the northwest to the southeast of OU-1. The shallow groundwater at the water table is the interface where contaminants have the potential to partition into the soil gas, and as discussed previously, only very limited detections of the contaminants of concern, specifically TCE, exist in the shallow groundwater.

The concentrations detected in the soil gas samples are well below the sub-slab soil gas guidance criteria for PCE, TCE, and TCA, as provided in the NYDOH guidance matrices. VOCs were detected within all of the soil gas samples collected, however poor correlation was determined between the compounds detected in groundwater and the compounds detected in soil gas.

4.1 Recommendations

Additional investigation activities are proposed to further characterize hydrogeologic conditions and to evaluate indoor air quality conditions. We propose to install several permanent

groundwater monitoring well clusters, screened within both the shallow and intermediate zones of the aquifer, to provide reproducible water level and water quality results. To evaluate the potential for vapor intrusion related to OU-1 compounds, we propose to collect one indoor air and one sub-slab sample per building at the Toms Point property. The samples will be collected in the lowest level (i.e., basement) of each building, representing a worst case condition. Work plans detailing these activities will be submitted separately to the NYSDEC.

Respectfully submitted,

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Table 1. Summary of Groundwater Elevations, February 16, 2006
Tom's Point Property, Manorhaven, New York

Monitoring Well Designation	Date of Measurement	Measuring Point Elevation (1)	Depth to Water (ft bls)	Groundwater Elevation (1)
MW-2S	2/16/2006	14.24	10.88	3.36
MW-21	2/16/2006	12.66	9.09	3.57
MW-26S	2/16/2006	11.68	8.93	2.75
MW-29S	2/16/2006	13.78	10.10	3.68
MW-30S	2/16/2006	12.64	9.56	3.08
OSB-4	2/16/2006	14.07	11.89	2.18
OSB-5	2/16/2006	15.59	13.19	2.40
OSB-6	2/16/2006	15.13	13.09	2.04

Note:

S - Shallow well

DTW - Depth to water measured in feet below land surface from top of well casing

ft bls - Feet below land surface

(1) - Feet relative to mean sea level

Table 2. Summary of Volatile Organic Compounds Detected in Soil Samples Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	OSB-4 02/14/06 6 - 8
1,1,1-Trichloroethane	800		5.6U
1,1,2,2-Tetrachloroethane	600		5.6U
1,1,2-Trichloroethane	--		5.6U
1,1-Dichloroethane	200		5.6U
1,1-Dichloroethene	400		5.6U
1,2-Dichloroethane	--		5.6U
1,2-Dichloropropane	100		5.6U
2-Butanone	300		5.6U
2-Chloroethyl vinyl ether	--		11U
2-Hexanone	--		5.6U
4-Methyl-2-pentanone	1000		5.6U
Acetone	200		110
Acrolein	--		28U
Acrylonitrile	--		5.6U
Benzene	60		1.1U
Bromodichloromethane	--		5.6U
Bromoform	--		5.6U
Bromomethane	--		5.6U
Carbon disulfide	2700		5.6U
Carbon tetrachloride	600		5.6U
Chlorobenzene	1700		5.6U
Chloroethane	1900		5.6U
Chloroform	300		5.6U
Chloromethane	--		5.6U
cis-1,2-Dichloroethene	--		5.6U
cis-1,3-Dichloropropene	--		5.6U
Dibromochloromethane	--		5.6U
Ethylbenzene	5500		1.1U
m+p-xylene	--		2.2U
Methylene chloride	100		37B
o-Xylene	--		1.1U

Table 2. Summary of Volatile Organic Compounds Detected in Soil Samples Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	OSB-4 02/14/06 6 - 8
Styrene	--		5.6U
Tetrachloroethene	1400		5.6U
Toluene	1500		1.4
trans-1,2-Dichloroethene	300		5.6U
trans-1,3-Dichloropropene	--		5.6U
Trichloroethene	700		5.6U
Vinyl chloride	200		5.6U
Xylenes (total)	1200		1.1U

Notes:

B - Compound was found in the blank and sample
U - Analyte was not detected at or above the reporting limit
NYSDEC - New York State Department of Environmental Conservation
RSCOs - Recommended Soil Cleanup Objectives
µg/L - µg/L -Micrograms per liter
-- - No NYSDEC RSCOs available

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	OSB-1	OSB-1	OSB-1	OSB-1	OSB-1	OSB-1
		Sample Date:	11/14/05	11/14/05	11/14/05	11/14/05	11/14/05	11/15/05
		Sample Depth (ft bls):	10	20	30	40	50	60
1,1,1-Trichloroethane	5		5 U	5 U	0.65 JH	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	0.77 J	2.6 J	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	1.6 J	3 J	5 U	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	50		10 U	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	--		NS	NS	NS	NS	NS	NS
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		2.5 J	3.9 J	2.7 J	10 U	1.7 J	5.1 J
Acrolein	5		NS	NS	NS	NS	NS	NS
Acrylonitrile	5		NS	NS	NS	NS	NS	NS
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	--		5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	**17**	**31**	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U
m+p-xylene	5		NS	NS	NS	NS	NS	NS
Methylene chloride	5		0.69 JB	0.59 JB	0.71 JB	0.69 JB	0.91 JB	0.6 JB
o-Xylene	5		NS	NS	NS	NS	NS	NS
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	OSB-1	OSB-1	OSB-1	OSB-1	OSB-1	OSB-1
		Sample Date:	11/14/05	11/14/05	11/14/05	11/14/05	11/14/05	11/15/05
		Sample Depth (ft bls):	10	20	30	40	50	60
Tetrachloroethene	5		5 U	1.2 J	3.7 J	5 U	5 U	5 U
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		1.4 J	**660 D**	**5500 D**	**710 D**	**14**	**13**
Vinyl chloride	2		5 U	5 U	**2.5 J**	1.3 J	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U

Notes:

B - Compound was found in the blank and sample
D - Dilution
J - Estimated value
U - Analyte was not detected at or above the reporting limit
NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water Quality Standards and Guidance Values
µg/L - µg/L -Micrograms per liter
-- - No NYSDEC AWQSGV available
Bold - Concentration exceeds NYSDEC AWQSGVs
NS - Not sampled

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	OSB-2	OSB-2	OSB-2	OSB-2	OSB-2	OSB-2
		Sample Date:	11/15/05	11/15/05	11/15/05	11/15/05	11/15/05	11/16/05
		Sample Depth (ft bls):	10	20	30	40	50	60
1,1,1-Trichloroethane	5		5 U	5 U	**170 D**	4.5 J	5 U	5 UM
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	**23**	**21**	5 U	5 UM
1,1-Dichloroethene	5		5 U	5 U	**40**	2.4 J	5 U	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	50		10 U	10 U	10 U	10 U	10 U	11
2-Chloroethyl vinyl ether	--		NS	NS	NS	NS	NS	NS
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		10 U	1.8 J	2.9 J	5.5 J	10 U	15
Acrolein	5		NS	NS	NS	NS	NS	NS
Acrylonitrile	5		NS	NS	NS	NS	NS	NS
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	--		5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	0.75 J	0.83 J	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	0.74 J	**99**	3.4 J	5 U	0.71 J
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U
m+p-xylene	5		NS	NS	NS	NS	NS	NS
Methylene chloride	5		0.85 JB	0.85 JB	0.98 JB	0.97 JB	0.89 JB	0.8 JB
o-Xylene	5		NS	NS	NS	NS	NS	NS
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	OSB-2 11/15/05 10	OSB-2 11/15/05 20	OSB-2 11/15/05 30	OSB-2 11/15/05 40	OSB-2 11/15/05 50	OSB-2 11/16/05 60
Tetrachloroethene	5		5 U	3.3 J	**110 D**	1.1 J	5 U	1.3 J
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	1.5 J	5 U	5 U	5 U
trans-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		5 U	**9.5**	**230 D**	**19**	5 U	1.5 J
Vinyl chloride	2		5 U	5 U	5 U	0.94 JM	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U

Notes:

B - Compound was found in the blank and sample
D - Dilution
J - Estimated value
U - Analyte was not detected at or above the reporting limit
NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water Quality Standards and Guidance Values
µg/L - µg/L -Micrograms per liter
-- - No NYSDEC AWQSGV available
Bold - Concentration exceeds NYSDEC AWQSGVs
NS - Not sampled

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	OSB-3	OSB-3	OSB-3	OSB-3	OSB-3	OSB-3
		Sample Date:	11/16/05	11/16/05	11/16/05	11/16/05	11/16/05	11/16/05
		Sample Depth (ft bls):	10	20	30	40	50	60
1,1,1-Trichloroethane	5		5 U	5 U	1.4 JH	5 UJV	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 UJV	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	**3.1 JV**	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	3.3 J	5 UJV	5 U	2.7 J
1,1-Dichloroethene	5		5 U	5 U	1.9 J	1.4 JV	5 U	1.4 J
1,2-Dichloroethane	0.6		5 U	5 U	5 U	**110 DJV**	5 U	**3.1 JH**
1,2-Dichloropropane	1		5 U	5 U	5 U	5 UJV	5 U	5 U
2-Butanone	50		10 U	10 U	10 U	10 UJV	1.3 J	1.5 J
2-Chloroethyl vinyl ether	--		NS	NS	NS	NS	NS	NS
2-Hexanone	50		10 U	10 U	10 U	10 UJV	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 UJV	10 U	10 U
Acetone	50		1.5 J	10 U	3.2 J	2.8 JV	3.6 J	4.9 J
Acrolein	5		NS	NS	NS	NS	NS	NS
Acrylonitrile	5		NS	NS	NS	NS	NS	NS
Benzene	1		5 U	5 U	5 U	0.45 JHV	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 UJV	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 UJV	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 UJV	5 U	5 U
Carbon disulfide	--		5 UJV	5 UJV	5 UJV	5 UJV	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 UJV	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 UJV	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 UJV	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 UJV	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 UJV	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	**16**	**48 JV**	1 J	**7.2**
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 UJV	5 U	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 UJV	5 U	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 UJV	5 U	5 U
m+p-xylene	5		NS	NS	NS	NS	NS	NS
Methylene chloride	5		5 UV	5 UV	5 UV	5 UJV	0.68 JB	0.67 JB
o-Xylene	5		NS	NS	NS	NS	NS	NS
Styrene	5		5 U	5 U	5 U	5 UJV	5 U	5 U

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: / Sample Date: / Sample Depth (ft bls):	OSB-3 11/16/05 10	OSB-3 11/16/05 20	OSB-3 11/16/05 30	OSB-3 11/16/05 40	OSB-3 11/16/05 50	OSB-3 11/16/05 60
Tetrachloroethene	5		5 U	5 U	2.3 J	5 UJV	5 U	0.74 J
Toluene	5		5 U	5 U	5 U	5 UJV	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	0.76 JV	5 U	0.53 J
trans-1,3-Dichloropropene	5		5 U	5 U	5 U	5 UJV	5 U	5 U
Trichloroethene	5		5 U	2.1 J	**290 DJV**	**630 DJV**	**34**	**410 D**
Vinyl chloride	2		5 U	5 U	0.88 J	1.5 JV	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 UJV	5 U	5 U

Notes:

B - Compound was found in the blank and sample
D - Dilution
J - Estimated value
U - Analyte was not detected at or above the reporting limit
NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water Quality Standards and Guidance Values
µg/L - µg/L -Micrograms per liter
-- - No NYSDEC AWQSGV available
Bold - Concentration exceeds NYSDEC AWQSGVs
NS - Not sampled

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	OSB-4	OSB-4	OSB-4	OSB-4	OSB-4	OSB-4	OSB-4
		Sample Date:	02/15/06	02/15/06	02/15/06	02/14/06	02/14/06	02/14/06	02/14/06
		Sample Depth (ft bls):	10	20	30	40	50	60	70
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	1.3 J	5 U	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	50		5 U	5 U	5 U	5 U	5 U	5 U	23
2-Chloroethyl vinyl ether	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	5		25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrylonitrile	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		**38**	**36**	5.5	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	23	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
m+p-xylene	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	5		1.5 J	5 U	2.3 JB	3.2 J	5 U	1.4 JB	4.1 JB
o-Xylene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: / Sample Date: / Sample Depth (ft bls):	OSB-4 02/15/06 10	OSB-4 02/15/06 20	OSB-4 02/15/06 30	OSB-4 02/14/06 40	OSB-4 02/14/06 50	OSB-4 02/14/06 60	OSB-4 02/14/06 70
Tetrachloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5		4	**7.4**	**8.7**	**7.2**	**6.1**	**11**	**9.1**
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		5 U	5 U	**11**	**17**	**240**	5 U	5 U
Vinyl chloride	2		5 U	5 U	5 U	5 U	**9.6**	5 U	5 U
Xylenes (total)	5		NS	NS	NS	NS	NS	NS	NS

Notes:

B - Compound was found in the blank and sample
D - Dilution
J - Estimated value
U - Analyte was not detected at or above the reporting limit
NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water Quality Standards and Guidance Values
µg/L - µg/L -Micrograms per liter
-- - No NYSDEC AWQSGV available
Bold - Concentration exceeds NYSDEC AWQSGVs
NS - Not sampled

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	OSB-5	OSB-5	OSB-5	OSB-5	OSB-5	OSB-5	OSB-6
		Sample Date:	02/16/06	02/16/06	02/16/06	02/16/06	02/16/06	02/16/06	02/14/06
		Sample Depth (ft bls):	10	20	30	40	50	60	15
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	**14**	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	2.3 J	5 U	5 U	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloroethyl vinyl ether	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrolein	5		25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acrylonitrile	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	4.2 J	**9.2**	5 U	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
m+p-xylene	5		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	5		5 U	1.8 J	1.5 J	1.8 J	2.3 J	3.9 JB	1 J
o-Xylene	5		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	OSB-5	OSB-5	OSB-5	OSB-5	OSB-5	OSB-5	OSB-6
		Sample Date:	02/16/06	02/16/06	02/16/06	02/16/06	02/16/06	02/16/06	02/14/06
		Sample Depth (ft bls):	10	20	30	40	50	60	15
Tetrachloroethene	5		5 U	5 U	5 U	2.5 J	5 U	5 U	5 U
Toluene	5		3.3	1 U	1 U	**7.9**	1 U	1 U	**7.9**
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		1.4 J	3.3 J	**91**	**210**	5 U	5 U	**8.5**
Vinyl chloride	2		5 U	5 U	5 U	2 J	5 U	5 U	5 U
Xylenes (total)	5		NS	NS	NS	NS	NS	NS	NS

Notes:

B - Compound was found in the blank and sample
D - Dilution
J - Estimated value
U - Analyte was not detected at or above the reporting limit
NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water Quality Standards and Guidance Values
µg/L - µg/L -Micrograms per liter
-- - No NYSDEC AWQSGV available
Bold - Concentration exceeds NYSDEC AWQSGVs
NS - Not sampled

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	OSB-6	OSB-6	OSB-6	OSB-6	OSB-6	OSB-6	TB
		Sample Date:	02/14/06	02/14/06	02/14/06	02/14/06	02/14/06	02/14/06	02/13/06
		Sample Depth (ft bls):	25	35	45	55	65	75	
1,1,1-Trichloroethane	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	25 U	100 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	0.6		5 U	25 U	100 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	25 U	100 U	5 U	5 U	5 U	5 U
2-Butanone	50		5 U	25 U	100 U	5 U	5 U	5 U	5 U
2-Chloroethyl vinyl ether	--		5 U	25 U	100 U	5 U	5 U	5 U	5 U
2-Hexanone	50		5 U	25 U	100 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	--		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Acetone	50		25 U	120 U	500 U	25 U	25 U	25 U	25 U
Acrolein	5		25 U	120 U	500 U	25 U	25 U	25 U	25 U
Acrylonitrile	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Benzene	1		1 U	5 U	20 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Carbon disulfide	--		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	25 U	100 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	**12 J**	**47 J**	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Ethylbenzene	5		1 U	5 U	20 U	1 U	1 U	1 U	1 U
m+p-xylene	5		2 U	10 U	40 U	2 U	2 U	2 U	2 U
Methylene chloride	5		1.3 JB	25 U	100 U	5 U	1.8 JB	1.7 JB	2.4 JB
o-Xylene	5		1 U	5 U	20 U	1 U	1 U	1 U	1 U
Styrene	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U

Table 3. Summary of Volatile Organic Compounds Detected in Groundwater Samples, Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	OSB-6	OSB-6	OSB-6	OSB-6	OSB-6	OSB-6	TB
		Sample Date:	02/14/06	02/14/06	02/14/06	02/14/06	02/14/06	02/14/06	02/13/06
		Sample Depth (ft bls):	25	35	45	55	65	75	
Tetrachloroethene	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Toluene	5		**11**	**10**	20 U	**7.5**	**6.3**	**8**	1 U
trans-1,2-Dichloroethene	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**38**	**700**	**2400**	5 U	5 U	5 U	5 U
Vinyl chloride	2		5 U	25 U	100 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		NS	NS	NS	NS	NS	NS	NS

Notes:

B - Compound was found in the blank and sample
D - Dilution
J - Estimated value
U - Analyte was not detected at or above the reporting limit
NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water Quality Standards and Guidance Values
µg/L - µg/L -Micrograms per liter
-- - No NYSDEC AWQSGV available
Bold - Concentration exceeds NYSDEC AWQSGVs
NS - Not sampled

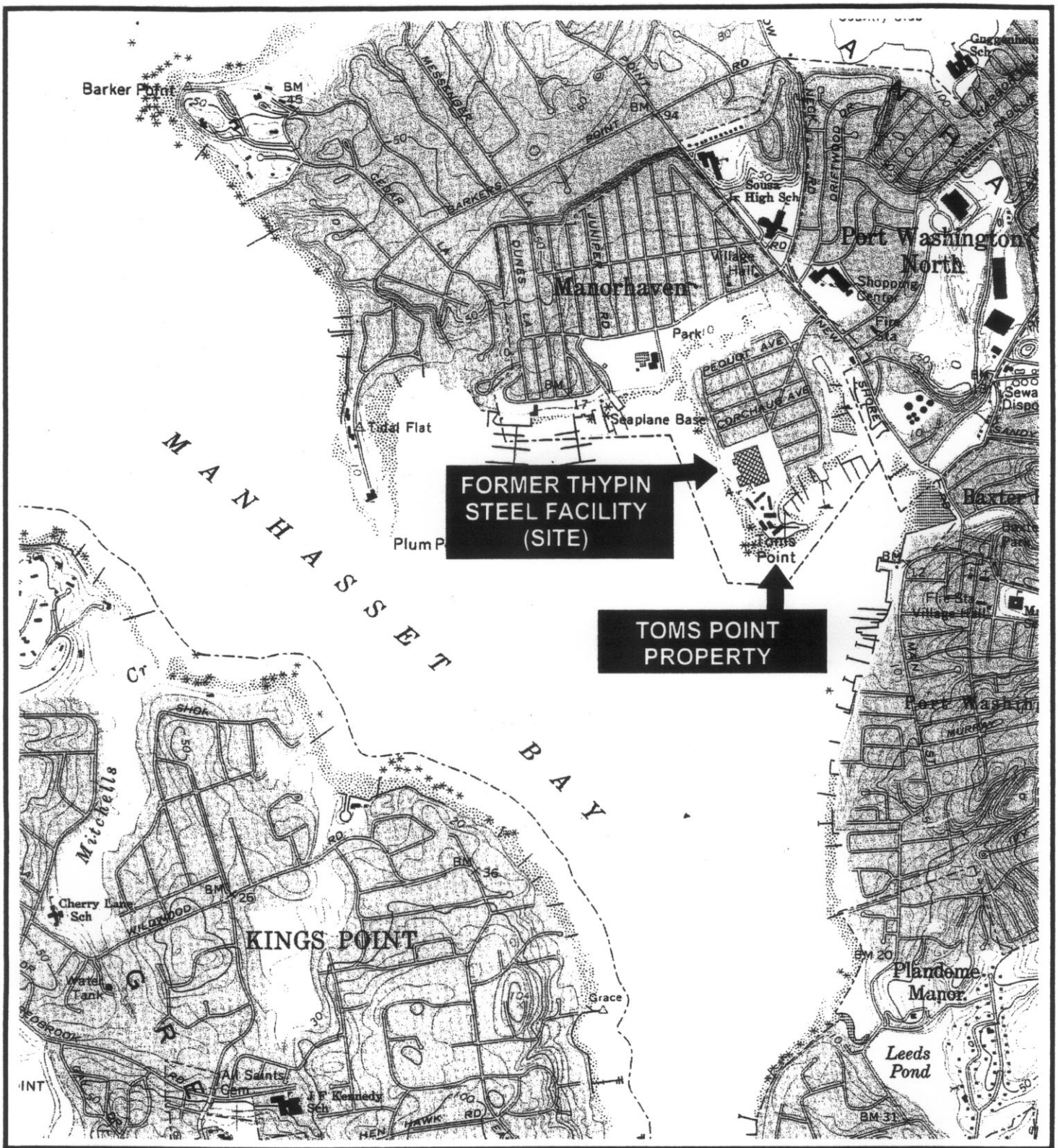
Table 4. Summary of Volatile Organic Compounds Detected in Soil Gas Samples
Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/m³)	Sample Designation: / Sample Date:	SG-1 02/16/06	SG-1 DUP 02/16/06	SG-2 02/16/06	SG-3 02/16/06	SG-4 02/15/06	SG-5 02/15/06	SG-6 02/15/06
1,1,1-Trichloroethane		0.16 U	0.16 U	1.8	0.16 U	0.16 U	0.16 U	0.87 U
1,1,2,2-Tetrachloroethane		1.1 U	1.1 U	0.16 U	1.1 U	0.16 U	0.16 U	1.1 U
1,1,2-Trichloroethane		0.87 U	0.87 U	0.16 U	0.87 U	0.16 U	0.16 U	0.87 U
1,1-Dichloroethane		0.16 U	0.16 U	0.65 U	0.16 U	0.16 U	0.16 U	0.65 U
1,1-Dichloroethene		0.16 U	0.63 U	0.63 U	0.16 U	0.16 U	0.16 U	0.63 U
1,2,4-Trichlorobenzene		3 U	3 U	0.4 U	3 U	0.4 U	0.4 U	3 U
1,2,4-Trimethylbenzene		2.6	2.3	0.54	3	0.16 U	0.47	0.79 U
1,2-Dibromoethane		1.2 U	1.2 U	0.16 U	1.2 U	0.16 U	0.16 U	1.2 U
1,2-Dichlorobenzene		0.96 U	0.96 U	0.16 U	0.96 U	0.16 U	0.16 U	0.96 U
1,2-Dichloroethane		0.65 U	0.65 U	0.65 U	0.16 U	0.16 U	0.16 U	0.65 U
1,2-Dichloroethene (total)		0.16 U	0.16 U	0.63 U	0.16 U	0.16 U	0.16 U	0.63 U
1,2-Dichloropropane		0.74 U	0.74 U	0.16 U	0.74 U	0.16 U	0.16 U	0.74 U
1,3,5-Trimethylbenzene		0.88	0.84	0.2	1.1	0.16 U	0.16 U	0.79 U
1,3-Butadiene		1.9	0.69	5.1	6.7	0.92	1.4	11
1,3-Dichlorobenzene		0.96 U	0.96 U	0.16 U	0.96 U	0.16 U	0.16 U	0.96 U
1,4-Dichlorobenzene		0.96 U	0.96 U	0.16 U	0.96 U	0.16 U	0.16 U	0.96 U
1,4-Dioxane		14 U	14 U	4 U	14 U	4 U	4 U	14 U
2-Butanone		1.6	1.2	12	19	1.1	6	32
2-Chlorotoluene		0.83 U	0.83 U	0.16 U	0.83 U	0.16 U	0.16 U	0.83 U
2-Hexanone		1.6 U	1.6 U	0.4 U	8.6	0.4 U	1.7	1.6 U
2-Propanol		4 U	4 U	9.8 U	5.8	4 U	21	9.8 U
3-Chloropropene		0.4 U	0.4 U	1.3 U	0.4 U	0.4 U	0.4 U	4.1
4-Ethyltoluene		2.2	2.1	0.49	3	0.16 U	0.52	0.79 U
4-Methyl-2-pentanone		1.6 U	1.6 U	0.4 U	6.1	0.4 U	1.1	1.6 U
Acetone		38 D	41 D	49 D	340 D	8.6	170 D	240 D
Benzene		0.42	0.32	2.1	1.7	0.71	1.2	3.8
Bromodichloromethane		1.1 U	1.1 U	0.16 U	1.1 U	0.16 U	0.16 U	1.1 U
Bromoethene		0.16 U	0.7 U	0.7 U	0.16 U	0.16 U	0.16 U	0.7 U
Bromoform		1.7 U	1.7 U	0.16 U	1.7 U	0.16 U	0.16 U	1.7 U
Bromomethane		0.16 U	0.62 U	0.62 U	0.16 U	0.16 U	0.16 U	0.62 U
Carbon Disulfide		0.94	0.44	3.4	0.8	0.49	0.56	8.7
Carbon tetrachloride		0.16 U	0.16 U	88	0.16 U	0.16 U	0.16 U	1 U
Chlorobenzene		0.74 U	0.74 U	0.16 U	0.74 U	0.16 U	0.16 U	0.74 U
Chloroethane		0.4 U	1.1 U	1.1 U	0.4 U	0.4 U	0.4 U	1.1 U
Chloroform		0.16 U	0.16 U	7.3	0.16 U	0.16 U	0.16 U	0.78 U

Table 4. Summary of Volatile Organic Compounds Detected in Soil Gas Samples
Tom's Point Property, Manorhaven, New York

Parameter (Concentrations in µg/m³)	Sample Designation: / Sample Date:	SG-1 02/16/06	SG-1 DUP 02/16/06	SG-2 02/16/06	SG-3 02/16/06	SG-4 02/15/06	SG-5 02/15/06	SG-6 02/15/06
Chloromethane		0.4 U	0.4 U	0.83 U	0.79	0.66	0.79	0.83 U
cis-1,2-Dichloroethene		0.16 U	0.16 U	0.63 U	0.16 U	0.16 U	0.16 U	0.63 U
cis-1,3-Dichloropropene		0.73 U	0.73 U	0.16 U	0.73 U	0.16 U	0.73 U	0.73 U
Cyclohexane		0.19	0.19	0.3	1.3	0.31	1.5	0.96
Dibromochloromethane		1.4 U	1.4 U	0.16 U	1.4 U	0.16 U	0.16 U	1.4 U
Dichlorodifluoromethane		3.6	0.58	3.9	0.58	0.62	0.68	2 U
Ethylbenzene		2.1	2.2	0.74	6.5	0.21	1.3	0.96
Freon 113		0.16 U	1.2 U	1.2 U	0.16 U	0.16 U	0.16 U	1.2 U
Freon 114		0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	1.1 U
Heptane		1.6	1	1.5	18	0.39	2	0.16 U
Hexachlorobutadiene		1.7 U	1.7 U	1.7 U	0.16 U	1.7 U	0.16 U	1.7 U
Hexane		0.44	0.4 U	1.5	3.2	0.6	1.4	1.4 U
Isooctane		0.92	2.2	4.3	1.2	0.21	1.4	2.4
m+p-xylene		7.8	7.4	2.7	18	0.53	4	2.6
Methylene chloride		0.4 U	0.4 U	1.4 U	2.2	0.4 U	0.4 U	1.4 U
MTBE		0.4 U	0.4 U	1.4 U	0.4 U	0.4 U	1.1	1.4 U
o-Xylene		4.1	4	1.3	9.6	0.23	1.9	1.2
Styrene		1.8	1.9	0.57	5.1	0.16 U	0.87	0.68 U
t-Butyl Alcohol		4 U	4 U	12 U	6.9	4 U	5.7	12 U
Tetrachloroethene		41	45	1.9	12	0.25	2.1	3.9
Tetrahydrofuran		4 U	4 U	12 U	4 U	4 U	4 U	12 U
Toluene		4.9	4.9	2.2	57	1.4	8.9	2.5
trans-1,2-Dichloroethene		0.16 U	0.16 U	0.63 U	0.16 U	0.16 U	0.16 U	0.63 U
trans-1,3-Dichloropropene		0.73 U	0.73 U	0.16 U	0.73 U	0.16 U	0.16 U	0.73 U
Trichloroethene		1.7	1.5	0.16 U	1.1	0.16 U	0.16 U	0.86 U
Trichlorofluoromethane		0.27	0.25	4.3	0.26	0.27	0.28	0.9 U
Vinyl chloride		0.16 U	0.16 U	0.41 U	0.16 U	0.16 U	0.16 U	0.41 U
Xylenes (total)		12	12	4	28	0.77	6	3.9

Notes:
D - Dilution
U - Compound was analyzed for but not detected
µg/m³ - Micrograms per cubic meter
DUP - Duplicate



QUADRANGLE LOCATION

SOURCE:
USGS; 1979. Hicksville, New York
7.5 Minute Topographic Quadrangle

Title:

SITE LOCATION MAP

OU-2 GROUNDWATER INVESTIGATION
FORMER THYPIN STEEL FACILITY, MANORHAVEN, NEW YORK

Prepared for:
MBA-MANORHAVEN, LLC
PRINCETON, NEW JERSEY

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: C.P.		Date: 14MAR06	FIGURE
Prepared by: G.M.		Scale: 1:25000	1
Project Mgr.: C.P.		Office: NY	
File No.: MBA0125603.CDR		Project No.: 77101Y02	

N:\PROJECTS\MBA771Y\MBA01Y21209\MBA0125603.CDR

APPENDIX A

Lithologic Soil Borings Logs

ROUX ASSOCIATES, INC.
Environmental Consulting & Management
Telephone:
Fax:

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
OSB-1	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
77101Y / MBA Manorhaven LLC		**Former Thypin Steel, Inc. Facility - OU-2**		
APPROVED BY	LOGGED BY	**Manorhaven, New York**		
C.Proce	**W. Monteroso**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / J. Veiss		**OU-2 Toms Point Property**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-in. / Drive Sampler	**2-inches**	**6620 DT / Geoprobe**	**2" Macro-Core**	**11/14/05-11/15/05**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings, #2 Sand**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	FID Values (ppm)	REMARKS
		Asphalt			
		Tan, fine to medium SAND, trace coarse Sand, trace brick; dry (fill)		7.5	Utility clearance completed by hand to 5 ft bls
5		Tan, fine SAND, trace medium to coarse Sand, dry			
		Brown, fine SAND, trace Gravel, dry		0.4	
		Tan, fine SAND, trace medium to coarse Sand, moist/wet		0.0	
10		No soil sample taken			Groundwater sample collected at 10-12 ft bls. for VOC's.
15		Tan to light brown, fine SAND, wet			
		Tan to light brown, fine SAND, wet		0.0	
20		Tan to light brown, fine SAND, trace Silt, wet		0.0	Groundwater sample collected at 20-22 ft bls. for VOC's.
25		Tan to light brown, fine SAND, trace coarse Sand, trace Silt, wet		0.0	
30		Dark brown, fine SAND, wet		0.0	
		Tan to light brown, fine SAND, trace coarse Sand, trace Silt, wet			
		Tan to light brown, fine SAND, trace Silt, wet		0.0	Groundwater sample collected at 30-32 ft bls. for VOC's.
		Orange to brown, fine SAND, wet			
		Tan to light brown, fine SAND, little medium Sand, wet		0.0	
35		Brown, fine SAND, wet			
		Orange to brown, fine SAND, wet			
		Orange to brown, fine to medium SAND, wet			
		Grey, fine SAND, trace medium Sand, wet		0.0	
40		Grey, fine SAND, wet		0.0	Groundwater sample collected at 40-42 ft bls. for VOC's.
45		Grey, fine SAND, wet		0.0	
50		Grey, fine SAND, some bands of Silt, wet			
		Grey, fine SAND, some Silt, wet		0.1	Groundwater sample collected at 50-52 ft bls. for VOC's.
		Grey, fine SAND, some bands of Silt, wet		0.0	
55		Grey, fine SAND, some Silt, banding evident, wet		0.0	
60				0.0	Groundwater sample collected at 60-62 ft bls. for VOC's. Bottom of boring at 62 ft bls.

BORING/FEET 77101Y.GPJ ROUX.GDT 4/26/06

ROUX ASSOCIATES, INC.
Environmental Consulting & Management
Telephone:
Fax:

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
OSB-2	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
77101Y / MBA Manorhaven LLC		**Former Thypin Steel, Inc. Facility - OU-2**		
APPROVED BY	LOGGED BY	**Manorhaven, New York**		
C.Proce	**W. Monteroso**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / J. Veiss		**OU-2 Toms Point Property**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-in. / Drive Sampler	**2-inches**	**6620 DT / Geoprobe**	**2" Macro-Core**	**11/15/05-11/16/05**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings, #2 Sand**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	FID Values (ppm)	REMARKS
0		Asphalt			
		Tan to light brown, fine to medium SAND, trace coarse Sand, trace Gravel, trace brick;dry (fill)		0.0	Utility clearance completed by hand to 5 ft bls
5				0.0	
		Tan to light brown, fine to medium SAND, trace coarse Sand, trace Gravel, dry/moist			
		Grey to brown, GRAVEL, moist			
10		Tan to light brown, fine to medium SAND, moist/wet			Groundwater sample collected at 10-12 ft bls. for VOC's.
15		No soil samples were collected below 10 ft bls			
20					Groundwater sample collected at 20-22 ft bls. for VOC's.
25					
30					Groundwater sample collected at 30-32 ft bls. for VOC's.
35					
40					Groundwater sample collected at 40-42 ft bls. for VOC's.
45					
50					Groundwater sample collected at 50-52 ft bls. for VOC's.
55					
60					Groundwater sample collected at 60-62 ft bls. for VOC's. Bottom of boring at 62 ft bls.

BORING/FEET 77101Y.GPJ ROUX.GDT 4/26/06

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Telephone:
Fax:

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
OSB-3	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
77101Y / MBA Manorhaven LLC		**Former Thypin Steel, Inc. Facility - OU-2**		
APPROVED BY	LOGGED BY	**Manorhaven, New York**		
C.Proce	**W. Monteroso**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Roux Associates, Inc. / J. Veiss		**OU-2 Toms Point Property**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-in. / Drive Sampler	**2-inches**	**6620 DT / Geoprobe**	**2" Macro-Core**	**11/16/05-11/16/05**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**Not Measured**	**Cuttings, #2 Sand**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	FID Values (ppm)	REMARKS
		Dark brown, fine to medium SAND, trace coarse Sand, trace Gravel, trace brick; dry (fill)		0.0	
		Asphalt (fill)		0.0	Utility clearance completed by hand to 5 ft bls
5		Tan to light brown, fine to medium SAND, trace coarse Sand, trace Gravel, trace brick; dry (fill)			5
		Tan to light brown, fine to medium SAND, some Gravel, moist		0.0	
				0.0	
10		Tan to light brown, fine SAND, wet			10
					Groundwater sample collected at 10-12 ft bls. for VOC's.
15		No soil samples were collected below 10 ft bls			15
20					20
					Groundwater sample collected at 20-22 ft bls. for VOC's.
25					25
30					30
					Groundwater sample collected at 30-32 ft bls. for VOC's.
35					35
40					40
					Groundwater sample collected at 40-42 ft bls. for VOC's.
45					45
50					50
					Groundwater sample collected at 50-52 ft bls. for VOC's.
55					55
					Groundwater sample collected at 60-62 ft bls. for VOC's. Bottom of boring at 62 ft bls.
60					60

BORING/FEET 77101Y.GPJ ROUX.GDT 4/26/06

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Telephone:
Fax:

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
OSB-4	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
77101Y / MBA Manorhaven LLC		**Former Thypin Steel, Inc. Facility - OU-2**		
APPROVED BY	LOGGED BY	**Manorhaven, New York**		
C.Proce	**K. Huhn**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Zebra Environmental / E.Moraitis		**OU-2 Toms Point Property**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-in. / Drive Sampler	**2-inches**	**6620 DT / Geoprobe**	**2" Macro-Core**	**2/14/06-2/15/06**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
13.71(FT.)	**Not Measured**	**Cuttings, #2 Sand**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	FID Values (ppm)	REMARKS
		Brown, fine to coarse SAND, trace Clay; moist		0.5	
		Light Brown fine+ to medium SAND, little Gravel; moist		0.5	Utility clearance completed by hand to 5 ft bls
5		Brown, fine to coarse SAND, some Gravel; wet		0.8	
		Brownish Gray, fine SAND, little clay, trace Gravel; wet		104	organic odor
		Brown, fine+ to coarse SAND, trace Gravel, trace Clay; wet			Sample soil at 6 to 8 ft bls for VOCs
10		Brown, fine to coarse SAND, little Clay; wet		1.0	Groundwater Sample Collected from 8 to 10 ft. for VOCs
		Light Brown, fine to coarse+ SAND; wet		0.5	
15		No soil samples were collected below 10 ft bls			
20					Groundwater Sample Collected from 18 to 20 ft. for VOCs
25					
30					Groundwater Sample Collected from 28 to 30 ft. for VOCs
35					
40					Groundwater Sample Collected from 38 to 40 ft. for VOCs
45					
50					Groundwater Sample Collected from 48 to 50 ft. for VOCs
55					
60					Groundwater Sample Collected from 58 to 60 ft. bls for VOCs
65					Groundwater Sample Collected from 68 to 70 ft. bls for VOCs
70					Bottom of boring at 70 ft. bls.

BORING/FEET 77101Y.GPJ ROUX.GDT 4/26/06

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Telephone:
Fax:

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
OSB-5	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
77101Y / MBA Manorhaven LLC		**Former Thypin Steel, Inc. Facility - OU-2**		
APPROVED BY	LOGGED BY	**Manorhaven, New York**		
C.Proce	**K. Huhn**			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Zebra Environmental / E.Moraitis		**OU-2 Toms Point Property**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-in. / Drive Sampler	**2-inches**	**6620 DT / Geoprobe**	**2" Macro-Core**	**2/15/06-2/15/06**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
13.78(FT.)	**Not Measured**	**Cuttings, #2 Sand**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	FID Values (ppm)	REMARKS
		Brown CLAY; moist		0.0	
		Light brown, fine to coarse SAND, trace gravel; moist			
		Brown CLAY, trace coarse Sand; moist		0.0	Utility clearance completed by hand to 5 ft bls
		Brown fine SAND; moist			
5		Brown, fine+ to coarse SAND, trace Gravel; moist		0.0	5
				0.0	
		Brown, fine SAND, trace Clay; moist		0.0	Groundwater Sample Collected from 8 to 10 ft. for VOCs
10		Light Brown, fine to coarse SAND; wet			10
				0.0	
		Brown, fine SAND; wet			
15					15
					Groundwater Sample Collected from 18 to 20 ft. for VOCs
20					20
				0.0	
				0.0	
25					25
					Groundwater Sample Collected from 28 to 30 ft. for VOCs
30					30
		Brownish orange, Fine SAND; wet		0.0	
35				0.0	35
					Groundwater Sample Collected from 38 to 40 ft. for VOCs
40					40
		Brownish orange, fine SAND, little Clay; wet			
45				0.0	45
				0.0	
					Groundwater Sample Collected from 48 to 50 ft. for VOCs
50					50
		Gray Silty Clay; wet			
55					Groundwater Sample Collected from 58 to 60 ft. bls for VOCs 55
				0.0	Bottom of boring at 60 ft. bls.
60				0.0	60

BORING/FEET 77101Y.GPJ ROUX.GDT 4/26/06

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Telephone:
Fax:

SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
OSB-6	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
77101Y / MBA Manorhaven LLC		**Former Thypin Steel, Inc. Facility - OU-2**		
APPROVED BY	LOGGED BY			
C.Proce	**K. Huhn**	**Manorhaven, New York**		
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
Zebra Environmental / E.Moraitis		**OU-2 Toms Point Property**		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-in. / Drive Sampler	**2-inches**	**6620 DT / Geoprobe**	**2" Macro-Core**	**2/14/06-2/14/06**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
12.75(FT.)	**Not Measured**	**Cuttings, #2 Sand**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	FID Values (ppm)	REMARKS
0		Asphalt		0.0	
		Brown, fine to medium SAND, little Gravel; moist		0.0	Utility clearance completed by hand to 5 ft bls
		Light Brown, CLAY, little Gravel; moist		0.0	
5		Light Brown, fine+ to coarse SAND, little Gravel; moist		0.0	
		Light Brown, fine to coare SAND, some Gravel; moist		0.0	
		Light Brown, fine to coarse SAND, trace Gravel; moist		0.0	
10		No soil samples were collected below 10 ft bls			Groundwater Sample Collected from 13 to 15 ft. for VOCs
15					
20					Groundwater Sample Collected from 23 to 25 ft. for VOCs
25					
30					Groundwater Sample Collected from 33 to 35 ft. for VOCs
35					
40					Groundwater Sample Collected from 43 to 45 ft. for VOCs
45					
50					Groundwater Sample Collected from 53 to 55 ft. for VOCs
55					
60					Groundwater Sample Collected from 63 to 65 ft. bls for VOCs
65					
70					Groundwater Sample Collected from 73 to 75 ft. bls for VOCs Bottom of boring at 75 ft. bls.
75					

BORING/FEET 77101Y.GPJ ROUX.GDT 4/26/06

APPENDIX B

Data Usability Summary Report

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, N. Y. 12853
Phone 518-251-4429
Facsimile 518-251-4428

March 31, 2006

Chris Proce
Roux Associates
209 Shafter St.
Islandia, NY 11749

RE: **Data Usability Summary Report for Thypin Manorhaven site**
STL-CT SDG Nos. 211450 and 211451
STL-VT SDG No. 112697
Hampton-Clarke SDG No. 6021737

Dear Mr. Proce:

Review has been completed for the data packages generated by Severn Trent Laboratories (STL) and Hampton-Clarke Laboratory (Veritech) that pertain to samples collected 11/14/05 through 02/16/06 at the Thypin Manorhaven site. Forty-three aqueous samples and one soil sample were processed for volatiles by USEPA SW846 method 8260B. Six soil gas samples and a field duplicate were processed for volatiles by USEPA method TO-15. Additional requirements of the NYSDEC ASP were also evaluated. A field blank associated with air samples and an aqueous trip blank were also evaluated.

The data packages submitted contained full deliverables for validation, but this usability report is generated from review of the summary form information, with review of sample raw data, and limited review of associated QC raw data. Full validation has not been performed. However, the reported summary tables have been reviewed for application of validation qualifiers, per the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review, as affects the usability of the sample data. The following items were reviewed:

* Laboratory Narrative Discussion
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Field Duplicate Correlation (air matrix)
* Preparation/Calibration Blanks
* Control Spike/Laboratory Control Samples
* Instrumental Tunes
* Calibration Standards
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review.

In summary, most sample results are usable as reported, or usable with minor edit or qualification as estimated due to typical processing or matrix effects. However, there are no usable results for neither 2-chloroethylvinyl ether in the aqueous project samples, nor for acrolein in the aqueous and soil samples (due to inherent analytical performance of those compounds).

Red-ink qualified/edited copies of sample results forms reflecting the qualifications and edits discussed in this narrative are provided with this text. Also attached are data qualifier definitions and sample identification summaries.

The following text discusses quality issues of concern.

General

A blind field duplicate evaluation was performed on air sample SG-1. All correlations were acceptable except the following, results for which are qualified as estimated in that parent sample and its duplicate: 1,3-butadiene, carbon disulfide, and 2,2,4-trimethylpentane (all variances >±2XCRDL)

The analyte list reported by STL (processed for samples collected in November) is the Target Compound List (TCL). The list reported by Hampton-Clarke Veritech (for samples collected in February) includes those compounds and some additional ones.

Data Completeness

The trip blank was entered onto the custody form at Veritech sample receipt.

The results and data for the set of matrix spikes processed by Veritech on a sample from this project were requested, resubmitted, and incorporated into the data package.

Volatile Analyses by EPA 8260B

Reporting limits should be derived from the "RL" column, not the "MDL" column, on the sample report forms from STL-CT.

The following samples were processed beyond the allowable ASP holding time (10 days from VTSR plus two days allowable for transit): OSB-1/60, OSB-2/10, OSB-2/20, OSB2/40, OSB2/50, OSB-3/40, OSB-3/50, OSB-3/60, and MW-35S.

Samples OSB-4/70 and OSB-6/75 were received at elevated pH. Unfortunately, they were processed one day beyond the allowable holding time for unpreserved samples. Those results are therefore qualified as estimated.

Results for analytes initially reported by the laboratories with the "E" or "A" flags are derived from the dilution analyses.

Instrumental tunes were acceptable.

Detections of methylene chloride in the samples are considered external contamination (due to presence in the associated method and trip blanks) and are edited to nondetection at either the CRDL, or the originally reported concentration, whichever is greater.

Matrix spikes of OSB-3/30 produced acceptable recoveries and duplicate correlations for all compounds except trichloroethene (55% and 44%). The result for that compound in the parent sample is therefore qualified as estimated.

2-Chloroethylvinyl ether (2-CEVE) results are rejected in the aqueous samples due to lack of recovery in the matrix spikes of OSB-5/10. This analyte is not stable in the preserved medium.

Matrix spikes of OSB-5/10 produced acceptable recoveries and duplicate correlations for all evaluated compounds except 2-CEVE. However, it is noted that the lab acceptance limits are atypically wide (i.e. a low limit of 1% recovery for eight of the compounds).

Results for carbon disulfide are qualified as estimated in the samples collected in November due to low recoveries (35% to 44%) in the associated LCSs.

Acrolein results in the samples (reported only by Veritech) are not usable due to low relative response factors (<0.05).

Other calibrations standards showed acceptable responses, with the following exceptions, results for which are qualified as estimated in the indicated samples:

- 2-hexanone (30%RSD) in the samples processed on Instrument 3 by Veritech
- methylene chloride, acrylonitrile, acetone, carbon disulfide, 4-methyl-2-pentanone, and trans 1,3-dichloropropene in OSB-4/6-8

Volatile Analyses by EPA TO-15

Holding times, internal standard recoveries, and instrumental tunes were acceptable. Blanks show no contamination.

The following detections are qualified as being tentative in identification and estimated in vale "NJ" due to poor mass spectral quality:

- Trichlorofluoromethane, xylenes, 1,3,5-trimethylbenzene, and styrene in SG-3
- Cyclohexane in Duplicate
- Cyclohexane and 1,3,5-trimethylbenzene in SG-1
- Methyl butyl ketone in SG-5

Calibrations standards showed acceptable responses. Results for samples with initial responses exceeding instrument calibration range are derived from the dilution analyses.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,

Judy Harry

VALIDATION QUALIFIER DEFINITIONS

DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the national qualifiers assigned to results in the data review process. If the Regions choose to use additional qualifiers, a complete explanation of those qualifiers should accompany the data review.

U - **The analyte was analyzed for, but was not detected above the reported sample quantitation limit.**

J - **The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.**

N - **The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification."**

NJ - **The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.**

UJ - **The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.**

R - **The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.**

LABORATORY SAMPLE IDs AND CASE NARRATIVES

S A M P L E I N F O R M A T I O N

Date: 12/14/2005

Job Number.: 211450
Customer...: ROUX ASSOCIATES
Attn.....: Chris Proce

Project Number.....: 20001753
Customer Project ID....: THYPIN OU-2
Project Description....: Thypin OU-2

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
211450-1	OSB-3/10	Water	11/16/2005	10:50	11/18/2005	19:15
211450-2	OSB-3/20	Water	11/16/2005	11:05	11/18/2005	19:15
211450-3	OSB-3/30	Water	11/16/2005	11:20	11/18/2005	19:15
211450-4	OSB-3/40	Water	11/16/2005	11:40	11/18/2005	19:15
211450-5	OSB-3/50	Water	11/16/2005	12:25	11/18/2005	19:15
211450-6	OSB-3/60	Water	11/16/2005	13:20	11/18/2005	19:15
211450-7	MW-31S	Water	11/16/2005	15:10	11/18/2005	19:15
211450-8	MW-2	Water	11/16/2005	15:35	11/18/2005	19:15
211450-9	MW-24	Water	11/16/2005	15:40	11/18/2005	19:15
211450-10	MW-33S	Water	11/16/2005	15:55	11/18/2005	19:15
211450-11	MW-35S	Water	11/16/2005	16:10	11/18/2005	19:15
211450-12	OSB-1/10	Water	11/14/2005	09:30	11/18/2005	19:15
211450-13	OSB-1/20	Water	11/14/2005	11:20	11/18/2005	19:15
211450-14	OSB-1/30	Water	11/14/2005	12:30	11/18/2005	19:15
211450-15	OSB-1/40	Water	11/14/2005	13:30	11/18/2005	19:15
211450-16	OSB-1/50	Water	11/14/2005	15:25	11/18/2005	19:15
211450-17	OSB-1/60	Water	11/15/2005	10:50	11/18/2005	19:15
211450-18	OSB-2/10	Water	11/15/2005	12:50	11/18/2005	19:15
211450-19	OSB-2/20	Water	11/15/2005	13:10	11/18/2005	19:15
211450-20	OSB-2/30	Water	11/15/2005	13:30	11/18/2005	19:15

SAMPLE INFORMATION
Date: 12/08/2005

Job Number.: 211451
Customer...: ROUX ASSOCIATES
Attn.....: Chris Proce

Project Number.....: 20001753
Customer Project ID....: THYPIN OU-2
Project Description....: Thypin OU-2

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
211451-1	OSB-2/40	Water	11/15/2005	14:00	11/18/2005	19:15
211451-2	OSB-2/50	Water	11/15/2005	14:20	11/18/2005	19:15
211451-3	OSB-2/60	Water	11/16/2005	09:15	11/18/2005	19:15

STL Report : 211450
ROUX ASSOCIATES, INC.

Case Narrative

Sample Receipt – All samples were received in good condition and at the proper temperature.
One VOA vial for sample OSB-1/40 was received with headspace and was not used for analysis.

Volatile Organics – Volatile organics were determined by purge and trap GC/MS using guidance provided in Method 5030B/8260B. All samples met criteria by method 8260B and STL/CT 8260 Standard Operating Procedure.

Below are the steps the laboratory took to ensure compliance to the method.

The spike compound percent recoveries were within the laboratory generated guidelines in the independent source quality control samples except for carbon disulfide in 58070-2LCS, 58139-2LCS, 58216-2LCS and 58249-2LCS.

The spike recovery for the compound, trichloroethene and styrene, was above QC limits in OSB-3/30MS and styrene in OSB-3/30MSB and trichloroethene and styrene in OSB-3/30MSD.

The following samples were analyzed at dilutions for high targets:

Sample ID	Dilution
OSB-3/30DL	1:4
OSB-3/40DL	1:10
OSB-3/60DL	1:5
OSB-1/20DL	1:10
OSB-1/30DL	1:100
OSB-1/40DL	1:10
OSB-2/30DL	1:4

Sample Calculation:

Sample ID-OSB-3/10
Compound-Methylene Chloride

$$\frac{(3675 \text{ area})(125\text{ng})(1)}{(536620 \text{ area})(.381 \text{ area/ng})(5\text{ml})} = .449 = .45 \text{ ug/L.}$$

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.

STL Report : 211451
ROUX ASSOCIATES, INC.

Case Narrative

Sample Receipt – All samples were received in good condition and at the proper temperature.
One VOA vial for sample OSB-2/60 was received with headspace and was not used for analysis.

Volatile Organics – Volatile organics were determined by purge and trap GC/MS using guidance provided in Method 5030B/8260B. All samples met criteria by method 8260B and STL/CT 8260 Standard Operating Procedure.

Below are the steps the laboratory took to ensure compliance to the method.

The spike compound percent recoveries were within the laboratory generated guidelines in the independent source quality control sample except for carbon disulfide in 58216-2LCS.

Sample Calculation:

Sample ID-OSB-2/40
Compound-Methylene Chloride

$$\frac{(6153 \text{ area})(125\text{ng})(1)}{(417786 \text{ area})(.381 \text{ area/ng})(5\text{ml})} = .966 = .97 \text{ ug/L.}$$

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.

SDG Narrative

Project: Roux Associates
Job: Thyppin-Manorhaven

Hampton-Clarke, Inc. (HCI) received the following samples from Roux Associates on February 17, 2006:

Roux #	HCI #	Type	Analysis
OSB-6/75	AC22019-001	Aqueous	Volatiles (8260)
OSB-6/65	AC22019-002	Aqueous	Volatiles (8260)
OSB-6/55	AC22019-003	Aqueous	Volatiles (8260)
OSB-6/45	AC22019-004	Aqueous	Volatiles (8260)
OSB-6/35	AC22019-005	Aqueous	Volatiles (8260)
OSB-6/25	AC22019-006	Aqueous	Volatiles (8260)
OSB-6/15	AC22019-007	Aqueous	Volatiles (8260)
OSB-4/6-8	AC22019-008	Soil	Volatiles (8260)
OSB-4/70	AC22019-009	Aqueous	Volatiles (8260)
OSB-4/60	AC22019-010	Aqueous	Volatiles (8260)
OSB-4/50	AC22019-011	Aqueous	Volatiles (8260)
OSB-4/40	AC22019-012	Aqueous	Volatiles (8260)
OSB-4/30	AC22019-013	Aqueous	Volatiles (8260)
OSB-4/20	AC22019-014	Aqueous	Volatiles (8260)
OSB-4/10	AC22019-015	Aqueous	Volatiles (8260)
OSB-5/60	AC22019-016	Aqueous	Volatiles (8260)
OSB-5/50	AC22019-017	Aqueous	Volatiles (8260)
OSB-5/40	AC22019-018	Aqueous	Volatiles (8260)
OSB-5/30	AC22019-019	Aqueous	Volatiles (8260)
OSB-5/20	AC22019-020	Aqueous	Volatiles (8260)
OSB-5/10	AC22019-021	Aqueous	Volatiles (8260)
TB	AC22019-022	Aqueous	Volatiles (8260)

Problems associated with this analysis are as follows:

Volatiles:

Sample AC22019-004 was run at 20x dilution and sample AC22019-005 was run at 5x dilution.

Methylene chloride was recovered in the method blanks 1M12194 and 3M19811 and in samples AC22019-001, 002, 006-010, 012, 013, 015-020, and 022 suggesting possible laboratory contamination.

In batch 3175, Toluene did not meet QC criteria for percent recovery in the MS (55%). The MBS met QC criteria for this batch.

There were no other problems associated with this analysis.

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.

Stan Gilewicz, Laboratory Director

3/22/06
Date

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

February 28, 2006

Mr. Chris Proce
Roux Associates
1377 Motor Parkway
Islandia, NY 11749

Re: Laboratory Project No. 26000
Case: 26000; SDG: 112697

Dear Mr. Proce:

Enclosed are the analytical results for the samples that were received by STL Burlington on February 20th, 2006. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 02/20/06 ETR No: 112697		
658264	SG-5	02/15/06	Air
658265	SG-4	02/15/06	Air
658266	SG-6	02/15/06	Air
658267	SG-1	02/16/06	Air
658268	SG-2	02/16/06	Air
658269	SG-3	02/16/06	Air
658270	DUPLICATE	02/16/06	Air
658271	FIELD BLANK		Air

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

Method TO-15 – Volatile Organics:
The original analyses of the field samples were accomplished at a dilution in order to provide quantification of all target analytes within the calibrated range of instrument response. The results of the original analysis exhibited concentrations of the target compound Acetone that exceeded the calibration range. Consequently, a dilution analysis was performed for these samples and yielded results that were within the calibration range of the instrument. Both sets of data have been presented in this case submittal.

Manual integration was employed in deriving certain of the analytical results. The values that have been derived from manual integration are qualified on the quantitation reports, and extracted ion current profiles are included in the data package.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 655-1203.

Sincerely,

Ron Pentkowski
Project Manager

Enclosure

APPENDIX C

Soil Gas Sampling Forms

Soil Vapor Sampling Form
Toms Point Property Investigation
Manorhaven, New York

Date: 2/16/2006 **Time:** 11:20
Weather : Sunny
Temperature: 45 ° F Humidity: 64%
Wind Magnitude: 5 mph Wind Direction: SE
Barometric Pressure: 30.2 Falling

Sampling Team: Jason Hime
Sampling Location: SG-1
Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)
Adjacent to Building #2, which contains a basement.

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes
Sampling Depth: 4 feet below land surface
Sealed at land surface and rod tip: Yes
Purge Rate: 0.18 Must be less than 0.2 L/min
Purge Time: 30 sec note : Assuming 0.17" I.D. tubing purge 15 sec. for every 10 ft of tubing
Helium Rate at enclosure: 2×10^{-1}
Helium Rate from sample tubing: 0×10^{-4} Is this rate <20% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 20% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

			Duplicate	
Starting Pressure:	-32.0	in. of Hg	-29.5	in. of Hg
Starting Time:	11:28		12:45	
Ending Time:	12:45		13:36	
Ending Pressure:	-4	in. of Hg	0	in. of Hg
Summa Canister Identification #:	2544		2704	
Flow Regulator ID #	3710		3770	
Sample ID #	SG-1		DUP	
Time	12:45		13:36	

Analysis TO-15 VOCs

Duplicate sample was collected

Soil Vapor Sampling Form
Toms Point Property Investigation
Manorhaven, New York

Date: 2/16/2006 **Time:** 11:00
Weather : Sunny
Temperature: 45 ° F Humidity: 64%
Wind Magnitude: 5 mph Wind Direction: SE
Barometric Pressure: 30.2 Falling

Sampling Team: Jason Hime
Sampling Location: SG-2
Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)
Adjacent to Building #1 and #2, which contain basements.

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes
Sampling Depth: 4 feet below land surface
Sealed at land surface and rod tip: Yes
Purge Rate: 0.18 Must be less than 0.2 L/min
Purge Time: 30 sec note : Assuming 0.17" I.D. tubing purge 15 sec. for every 10 ft of tubing
Helium Rate at enclosure: 2×10^{-1}
Helium Rate from sample tubing: 0×10^{-4} Is this rate <20% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 20% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure: -30.0 in. of Hg
Starting Time: 11:08
Ending Time: 12:10
Ending Pressure: -4 in. of Hg

Summa Canister Identification #: 3272
Flow Regulator ID # 3450
Sample ID # SG-2
Time 12:10
Analysis TO-15 VOCs

Soil Vapor Sampling Form
Toms Point Property Investigation
Manorhaven, New York

Date: 2/16/2006 **Time:** 11:45
Weather : Sunny
Temperature: 45 ° F Humidity: 64%
Wind Magnitude: 5 mph Wind Direction: SE
Barometric Pressure: 30.2 Falling

Sampling Team: Jason Hime
Sampling Location: SG-3
Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)
Adjacent to Building #4, which contains a basement.

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes
Sampling Depth: 4 feet below land surface
Sealed at land surface and rod tip: Yes
Purge Rate: 0.18 Must be less than 0.2 L/min
Purge Time: 30 sec note : Assuming 0.17" I.D. tubing purge 15 sec. for every 10 ft of tubing
Helium Rate at enclosure: 2×10^{-1}
Helium Rate from sample tubing: 0×10^{-4} Is this rate <20% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 20% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure: -29.5 in. of Hg
Starting Time: 12:29
Ending Time: 13:29
Ending Pressure: -4 in. of Hg

Summa Canister Identification #: 2535
Flow Regulator ID # 2767
Sample ID # SG-3
Time 13:29
Analysis TO-15 VOCs

Soil Vapor Sampling Form
Toms Point Property Investigation
Manorhaven, New York

Date: 2/15/2006 **Time:** 10:20
Weather : Sunny
Temperature: 43 ° F Humidity: 60%
Wind Magnitude: 7 mph Wind Direction: sw
Barometric Pressure: 30.19 Falling

Sampling Team: Jason Hime
Sampling Location: SG-4
Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)
Adjacent to Building #7, which contains a basement.

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes
Sampling Depth: 4 feet below land surface
Sealed at land surface and rod tip: Yes
Purge Rate: 0.20 Must be less than 0.2 L/min
Purge Time: 30 sec note : Assuming 0.17" I.D. tubing purge 15 sec. for every 10 ft of tubing
Helium Rate at enclosure: 2×10^{-1}
Helium Rate from sample tubing: 0×10^{-4} Is this rate <20% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 20% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure: -30.0 in. of Hg
Starting Time: 10:00
Ending Time: 10:45
Ending Pressure: 0 in. of Hg

Summa Canister Identification #: 2513
Flow Regulator ID # 3719
Sample ID # SG-4
Time 10:45
Analysis TO-15 VOCs

Soil Vapor Sampling Form
Toms Point Property Investigation
Manorhaven, New York

Date: 2/15/2006 **Time:** 10:30
Weather : Sunny
Temperature: 43 ° F Humidity: 60%
Wind Magnitude: 7 mph Wind Direction: sw
Barometric Pressure: 30.19 Falling

Sampling Team: Jason Hime
Sampling Location: SG-5
Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)
Adjacent to Building #2 and #5, which contain basements.

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes
Sampling Depth: 4 feet below land surface
Sealed at land surface and rod tip: Yes
Purge Rate: 0.20 Must be less than 0.2 L/min
Purge Time: 30 sec note : Assuming 0.17" I.D. tubing purge 15 sec. for every 10 ft of tubing
Helium Rate at enclosure: 3×10^{-1}
Helium Rate from sample tubing: 0×10^{-4} Is this rate <20% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 20% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure: -27.0 in. of Hg
Starting Time: 11:10
Ending Time: 12:00
Ending Pressure: -4 in. of Hg

Summa Canister Identification #: 2669
Flow Regulator ID # 2825
Sample ID # SG-5
Time 12:00
Analysis TO-15 VOCs

Soil Vapor Sampling Form
Toms Point Property Investigation
Manorhaven, New York

Date: 2/15/2006 **Time:** 10:30
Weather : Sunny
Temperature: 43 ° F Humidity: 60%
Wind Magnitude: 7 mph Wind Direction: sw
Barometric Pressure: 30.19 Falling

Sampling Team: Jason Hime
Sampling Location: SG-6
Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)
Adjacent to Building #5, which contains a basement.

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes
Sampling Depth: 4 feet below land surface
Sealed at land surface and rod tip: Yes
Purge Rate: 0.20 Must be less than 0.2 L/min
Purge Time: 30 sec note : Assuming 0.17" I.D. tubing purge 15 sec. for every 10 ft of tubing
Helium Rate at enclosure: 1×10^{-1}
Helium Rate from sample tubing: 0×10^{-4} Is this rate <20% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 20% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure: -30.0 in. of Hg
Starting Time: 10:34
Ending Time: 11:35
Ending Pressure: -4 in. of Hg

Summa Canister Identification #: 2571
Flow Regulator ID # 3026
Sample ID # SG-6
Time 11:35
Analysis TO-15 VOCs

APPENDIX D

Soil, Groundwater, and
Soil Gas Analytical Results

ANALYTICAL REPORT

JOB NUMBER: 211450

Prepared For:

ROUX ASSOCIATES
209 Shafter Street
Islandia, NY 11749

Project: THYPIN OU-2

Attention: Chris Proce

Date: 12/14/2005

Cheryl A. Cascella for

Signature

Dec 14, 2005

Date

Name: Jill M. Duhancik

Title: Project Manager

E-Mail: jduhancik@stl-inc.com

STL Connecticut
128 Long Hill Cross Road
Shelton, CT 06484

This Report Contains (533) Pages

Hampton-Clarke, Inc.
veritech laboratories

175 Route 46 West, Unit D
Fairfield, NJ 07004
(973) 244-9770
Federal ID: 222679402

000001

NELAP Accredited

Roux Associates

Format: NYDOH-F
Project: Thypin-Manorhaven

PO Number:

Samples submitted on: 02/17/2006

AC22019-001
AC22019-002
AC22019-003
AC22019-004
AC22019-005
AC22019-006
AC22019-007
AC22019-008
AC22019-009
AC22019-010
AC22019-011
AC22019-012
AC22019-013
AC22019-014
AC22019-015
AC22019-016
AC22019-017
AC22019-018
AC22019-019
AC22019-020
AC22019-021
AC22019-022

Date: 03/21/2006
HCI Project: 6021737

Robyn Nellessen - Quality Assurance Director

Or

Stanley Gilewicz - Laboratory Director

TABLE OF CONTENTS

SDG Narrative

SDG Narrative

Project: Roux Associates
Job: Thyppin-Manorhaven

Hampton-Clarke, Inc. (HCI) received the following samples from Roux Associates on February 17, 2006:

Roux #	HCI #	Type	Analysis
OSB-6/75	AC22019-001	Aqueous	Volatiles (8260)
OSB-6/65	AC22019-002	Aqueous	Volatiles (8260)
OSB-6/55	AC22019-003	Aqueous	Volatiles (8260)
OSB-6/45	AC22019-004	Aqueous	Volatiles (8260)
OSB-6/35	AC22019-005	Aqueous	Volatiles (8260)
OSB-6/25	AC22019-006	Aqueous	Volatiles (8260)
OSB-6/15	AC22019-007	Aqueous	Volatiles (8260)
OSB-4/6-8	AC22019-008	Soil	Volatiles (8260)
OSB-4/70	AC22019-009	Aqueous	Volatiles (8260)
OSB-4/60	AC22019-010	Aqueous	Volatiles (8260)
OSB-4/50	AC22019-011	Aqueous	Volatiles (8260)
OSB-4/40	AC22019-012	Aqueous	Volatiles (8260)
OSB-4/30	AC22019-013	Aqueous	Volatiles (8260)
OSB-4/20	AC22019-014	Aqueous	Volatiles (8260)
OSB-4/10	AC22019-015	Aqueous	Volatiles (8260)
OSB-5/60	AC22019-016	Aqueous	Volatiles (8260)
OSB-5/50	AC22019-017	Aqueous	Volatiles (8260)
OSB-5/40	AC22019-018	Aqueous	Volatiles (8260)
OSB-5/30	AC22019-019	Aqueous	Volatiles (8260)
OSB-5/20	AC22019-020	Aqueous	Volatiles (8260)
OSB-5/10	AC22019-021	Aqueous	Volatiles (8260)
TB	AC22019-022	Aqueous	Volatiles (8260)

Problems associated with this analysis are as follows:

Volatiles:

Sample AC22019-004 was run at 20x dilution and sample AC22019-005 was run at 5x dilution.

Methylene chloride was recovered in the method blanks 1M12194 and 3M19811 and in samples AC22019-001, 002, 006-010, 012, 013, 015-020, and 022 suggesting possible laboratory contamination.

In batch 3175, Toluene did not meet QC criteria for percent recovery in the MS (55%). The MBS met QC criteria for this batch.

There were no other problems associated with this analysis.

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.

Stan Gilewicz, Laboratory Director

3/22/06
Date

Data Package Summary Forms

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-001
Client Id: OSB-6/75
Data File: 3M19824.D
Analysis Date: 02/22/06 17:26
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**1.7 JB**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**8.0**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 9.7

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

000007

Sample Number: AC22019-002
Client Id: OSB-6/65
Data File: 3M19825.D
Analysis Date: 02/22/06 17:49
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**1.8 JB**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**6.3**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

800008

Sample Number: AC22019-003
Client Id: OSB-6/55
Data File: 3M19826.D
Analysis Date: 02/22/06 18:12
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	75-09-2	Methylene Chloride	5.0	U
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**7.5**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 7.5

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

600009

Sample Number: AC22019-004(20X)
Client Id: OSB-6/45
Data File: 2M09809.D
Analysis Date: 02/23/06 14:24
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 20
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	100	U	56-23-5	Carbon Tetrachloride	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U	108-90-7	Chlorobenzene	100	U
79-00-5	1,1,2-Trichloroethane	100	U	75-00-3	Chloroethane	100	U
75-34-3	1,1-Dichloroethane	100	U	67-66-3	Chloroform	100	U
75-35-4	1,1-Dichloroethene	100	U	74-87-3	Chloromethane	100	U
107-06-2	1,2-Dichloroethane	100	U	**156-59-2**	**cis-1,2-Dichloroethene**	**100**	**47 J**
78-87-5	1,2-Dichloropropane	100	U	10061-01-5	cis-1,3-Dichloropropene	100	U
78-93-3	2-Butanone	100	U	124-48-1	Dibromochloromethane	100	U
110-75-8	2-Chloroethylvinylether	100	U	100-41-4	Ethylbenzene	20	U
591-78-6	2-Hexanone	100	U	1330-20-7	m&p-Xylenes	40	U
108-10-1	4-Methyl-2-Pentanone	100	U	75-09-2	Methylene Chloride	100	U
67-64-1	Acetone	500	U	95-47-6	o-Xylene	20	U
107-02-8	Acrolein	500	U	100-42-5	Styrene	100	U
107-13-1	Acrylonitrile	100	U	127-18-4	Tetrachloroethene	100	U
71-43-2	Benzene	20	U	108-88-3	Toluene	20	U
75-27-4	Bromodichloromethane	100	U	156-60-5	trans-1,2-Dichloroethene	100	U
75-25-2	Bromoform	100	U	10061-02-6	trans-1,3-Dichloropropene	100	U
74-83-9	Bromomethane	100	U	**79-01-6**	**Trichloroethene**	**100**	**2400**
75-15-0	Carbon Disulfide	100	U	75-01-4	Vinyl Chloride	100	U

Worksheet #: 25579

Total Target Concentration 2447

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

000010

Sample Number: AC22019-005(5X)
Client Id: OSB-6/35
Data File: 2M09808.D
Analysis Date: 02/23/06 13:57
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 5
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	25	U	56-23-5	Carbon Tetrachloride	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U	108-90-7	Chlorobenzene	25	U
79-00-5	1,1,2-Trichloroethane	25	U	75-00-3	Chloroethane	25	U
75-34-3	1,1-Dichloroethane	25	U	67-66-3	Chloroform	25	U
75-35-4	1,1-Dichloroethene	25	U	74-87-3	Chloromethane	25	U
107-06-2	1,2-Dichloroethane	25	U	**156-59-2**	**cis-1,2-Dichloroethene**	**25**	**12 J**
78-87-5	1,2-Dichloropropane	25	U	10061-01-5	cis-1,3-Dichloropropene	25	U
78-93-3	2-Butanone	25	U	124-48-1	Dibromochloromethane	25	U
110-75-8	2-Chloroethylvinylether	25	U	100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	25	U	1330-20-7	m&p-Xylenes	10	U
108-10-1	4-Methyl-2-Pentanone	25	U	75-09-2	Methylene Chloride	25	U
67-64-1	Acetone	120	U	95-47-6	o-Xylene	5.0	U
107-02-8	Acrolein	120	U	100-42-5	Styrene	25	U
107-13-1	Acrylonitrile	25	U	127-18-4	Tetrachloroethene	25	U
71-43-2	Benzene	5.0	U	**108-88-3**	**Toluene**	**5.0**	**10**
75-27-4	Bromodichloromethane	25	U	156-60-5	trans-1,2-Dichloroethene	25	U
75-25-2	Bromoform	25	U	10061-02-6	trans-1,3-Dichloropropene	25	U
74-83-9	Bromomethane	25	U	**79-01-6**	**Trichloroethene**	**25**	**700**
75-15-0	Carbon Disulfide	25	U	75-01-4	Vinyl Chloride	25	U

Worksheet #: 25579

Total Target Concentration 722

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

000011

Sample Number: AC22019-006
Client Id: OSB-6/25
Data File: 3M19829.D
Analysis Date: 02/22/06 19:21
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**1.3 JB**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**11**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	**79-01-6**	**Trichloroethene**	**5.0**	**38**
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 50.3

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

000012

Sample Number: AC22019-007
Client Id: OSB-6/15
Data File: 2M09804.D
Analysis Date: 02/23/06 12:19
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**1.0 J**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**7.9**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	**79-01-6**	**Trichloroethene**	**5.0**	**8.5**
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 17.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-008
Client Id: OSB-4/6-8
Data File: 1M12202.D
Analysis Date: 02/24/06 18:56
Date Rec/Extracted: 02/17/06-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 89

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0056	U	56-23-5	Carbon Tetrachloride	0.0056	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0056	U	108-90-7	Chlorobenzene	0.0056	U
79-00-5	1,1,2-Trichloroethane	0.0056	U	75-00-3	Chloroethane	0.0056	U
75-34-3	1,1-Dichloroethane	0.0056	U	67-66-3	Chloroform	0.0056	U
75-35-4	1,1-Dichloroethene	0.0056	U	74-87-3	Chloromethane	0.0056	U
107-06-2	1,2-Dichloroethane	0.0056	U	156-59-2	cis-1,2-Dichloroethene	0.0056	U
78-87-5	1,2-Dichloropropane	0.0056	U	10061-01-5	cis-1,3-Dichloropropene	0.0056	U
78-93-3	2-Butanone	0.0056	U	124-48-1	Dibromochloromethane	0.0056	U
110-75-8	2-Chloroethylvinylether	0.011	U	100-41-4	Ethylbenzene	0.0011	U
591-78-6	2-Hexanone	0.0056	U	1330-20-7	m&p-Xylenes	0.0022	U
108-10-1	4-Methyl-2-Pentanone	0.0056	U	**75-09-2**	**Methylene Chloride**	**0.0056**	**0.037 B**
67-64-1	**Acetone**	**0.028**	**0.11**	95-47-6	o-Xylene	0.0011	U
107-02-8	Acrolein	0.028	U	100-42-5	Styrene	0.0056	U
107-13-1	Acrylonitrile	0.0056	U	127-18-4	Tetrachloroethene	0.0056	U
71-43-2	Benzene	0.0011	U	**108-88-3**	**Toluene**	**0.0011**	**0.0014**
75-27-4	Bromodichloromethane	0.0056	U	156-60-5	trans-1,2-Dichloroethene	0.0056	U
75-25-2	Bromoform	0.0056	U	10061-02-6	trans-1,3-Dichloropropene	0.0056	U
74-83-9	Bromomethane	0.0056	U	79-01-6	Trichloroethene	0.0056	U
75-15-0	Carbon Disulfide	0.0056	U	75-01-4	Vinyl Chloride	0.0056	U

Worksheet #: 25579

Total Target Concentration 0.1484

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-009
Client Id: OSB-4/70
Data File: 3M19831.D
Analysis Date: 02/22/06 20:07
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	**2-Butanone**	**5.0**	**23**	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**4.1 JB**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**9.1**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 36.2

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

000015

Sample Number: AC22019-010
Client Id: OSB-4/60
Data File: 3M19833.D
Analysis Date: 02/22/06 20:54
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**1.4 JB**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**11**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 12.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-011
Client Id: OSB-4/50
Data File: 2M09807.D
Analysis Date: 02/23/06 13:30
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	**1,1-Dichloroethene**	**5.0**	**1.3 J**	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**5.0**	**23**
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	75-09-2	Methylene Chloride	5.0	U
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**6.1**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	**79-01-6**	**Trichloroethene**	**5.0**	**240**
75-15-0	Carbon Disulfide	5.0	U	**75-01-4**	**Vinyl Chloride**	**5.0**	**9.6**

Worksheet #: 25579

Total Target Concentration 280

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-012
Client Id: OSB-4/40
Data File: 2M09805.D
Analysis Date: 02/23/06 12:43
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**3.2 J**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**7.2**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	**79-01-6**	**Trichloroethene**	**5.0**	**17**
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 27.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-013
Client Id: OSB-4/30
Data File: 3M19836.D
Analysis Date: 02/22/06 22:03
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	**67-66-3**	**Chloroform**	**5.0**	**5.5**
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**2.3 JB**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**8.7**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	**79-01-6**	**Trichloroethene**	**5.0**	**11**
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 27.5

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

0000019

Sample Number: AC22019-014
Client Id: OSB-4/20
Data File: 2M09806.D
Analysis Date: 02/23/06 13:07
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	**67-66-3**	**Chloroform**	**5.0**	**36**
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	75-09-2	Methylene Chloride	5.0	U
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**7.4**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 43.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-015
Client Id: OSB-4/10
Data File: 8M05019.D
Analysis Date: 02/22/06 18:09
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	**67-66-3**	**Chloroform**	**5.0**	**38**
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**1.5 J**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**4.0**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 43.5

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-016
Client Id: OSB-5/60
Data File: 3M19832.D
Analysis Date: 02/22/06 20:31
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**3.9 JB**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	108-88-3	Toluene	1.0	U
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 3.9

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-017
Client Id: OSB-5/50
Data File: 8M05020.D
Analysis Date: 02/22/06 18:33
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**2.3 J**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	108-88-3	Toluene	1.0	U
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 2.3

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-018
Client Id: OSB-5/40
Data File: 8M05021.D
Analysis Date: 02/22/06 18:57
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	**1,1-Dichloroethane**	**5.0**	**14**	67-66-3	Chloroform	5.0	U
75-35-4	**1,1-Dichloroethene**	**5.0**	**2.3 J**	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**5.0**	**9.2**
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**1.8 J**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	**127-18-4**	**Tetrachloroethene**	**5.0**	**2.5 J**
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**7.9**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	**79-01-6**	**Trichloroethene**	**5.0**	**210**
75-15-0	Carbon Disulfide	5.0	U	**75-01-4**	**Vinyl Chloride**	**5.0**	**2.0 J**

Worksheet #: 25579

Total Target Concentration 249.7

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-019
Client Id: OSB-5/30
Data File: 8M05022.D
Analysis Date: 02/22/06 19:20
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**5.0**	**4.2 J**
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**1.5 J**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	108-88-3	Toluene	1.0	U
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	**79-01-6**	**Trichloroethene**	**5.0**	**91**
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 96.7

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-020
Client Id: OSB-5/20
Data File: 2M09799.D
Analysis Date: 02/23/06 10:20
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**1.8 J**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	108-88-3	Toluene	1.0	U
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	**79-01-6**	**Trichloroethene**	**5.0**	**3.3 J**
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-021
Client Id: OSB-5/10
Data File: 2M09800.D
Analysis Date: 02/23/06 10:44
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	75-09-2	Methylene Chloride	5.0	U
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	**108-88-3**	**Toluene**	**1.0**	**3.3**
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	**79-01-6**	**Trichloroethene**	**5.0**	**1.4 J**
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 4.7

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC22019-022
Client Id: TB
Data File: 3M19823.D
Analysis Date: 02/22/06 17:02
Date Rec/Extracted: 02/17/06-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	5.0	U	56-23-5	Carbon Tetrachloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U	75-00-3	Chloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	67-66-3	Chloroform	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U	74-87-3	Chloromethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U	156-59-2	cis-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
78-93-3	2-Butanone	5.0	U	124-48-1	Dibromochloromethane	5.0	U
110-75-8	2-Chloroethylvinylether	5.0	U	100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U	1330-20-7	m&p-Xylenes	2.0	U
108-10-1	4-Methyl-2-Pentanone	5.0	U	**75-09-2**	**Methylene Chloride**	**5.0**	**2.4 JB**
67-64-1	Acetone	25	U	95-47-6	o-Xylene	1.0	U
107-02-8	Acrolein	25	U	100-42-5	Styrene	5.0	U
107-13-1	Acrylonitrile	5.0	U	127-18-4	Tetrachloroethene	5.0	U
71-43-2	Benzene	1.0	U	108-88-3	Toluene	1.0	U
75-27-4	Bromodichloromethane	5.0	U	156-60-5	trans-1,2-Dichloroethene	5.0	U
75-25-2	Bromoform	5.0	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	5.0	U	79-01-6	Trichloroethene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	75-01-4	Vinyl Chloride	5.0	U

Worksheet #: 25579

Total Target Concentration 2.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Chain of Custody Forms

6021737

ROUX CHAIN OF CUSTODY

№ 10198Y

PAGE 1 OF 2

ROUX ASSOCIATES, INC.
Environmental Consulting & Management
209 SHAFTER STREET
ISLANDIA, NEW YORK 11749-5074
(631) 232-2600 FAX: (631) 232-9898

PROJECT NAME: Thypin - Manorhaven
PROJECT NUMBER: 77101y
PROJECT LOCATION: Manorhaven, NY
PROJECT MANAGER: L. Price
SAMPLER(S): KH

ANALYSES

SAMPLE DESIGNATION / LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	VOC's 8260					TOTAL BOTTLES	NOTES
OSB-6/75	2/14/06	0930	GW	2					2	AC22019-001
OSB-6/65		1030	GW	2					2	-002
OSB-6/55		1100	GW	2					2	-003
OSB-6/45		1130	GW	2					2	-004
OSB-6/35		1145	GW	2					2	-005
OSB-6/25		1200	GW	2					2	-006
OSB-6/15		1215	GW	2					2	-007
OSB-4/6-8		1300	SL	1					1	-008
OSB-4/70		1330	GW	2					2	-009
OSB-4/60		1415	GW	2					2	-010
OSB-4/50		1430	GW	2					2	-011
OSB-4/40	V	1500	GW	2					2	-012

	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
RELINQUISHED BY: (SIGNATURE)	Roux	2/17/06	1200	Y OR N	William Quelp	HCV	2-17	1200	
RELINQUISHED BY: (SIGNATURE) William Quelp	HCV	2.17	1340		C. Arena	HCV	2/17/06	1340	

DELIVERY METHOD: Pick-up

ANALYTICAL LABORATORY: Vela Tech

COMMENTS

3-7

CHAINOF.CDR 12AUG98

09/22/8 MD ~~0000~~

620000

ROUX CHAIN OF CUSTODY

Nº 08904Y

ROUX ASSOCIATES, INC.
Environmental Consulting & Management
209 SHAFTER STREET
ISLANDIA, NEW YORK 11749-5074
(631) 232-2600 FAX: (631) 232-9898

ANALYSES

PROJECT NAME: Thypin - Manorhaven
PROJECT NUMBER: 771014
PROJECT LOCATION: Manorhaven, NY
PROJECT MANAGER: C. Peace
SAMPLER(S): KN

SAMPLE DESIGNATION / LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	VOC's 6260					TOTAL BOTTLES	NOTES
OSB-4/30	2/15/06	0845	GW	2					2	AC22019-013
OSB-4/20	2/15/06	0910	GW	2					2	-014
OSB-4/10	2/15/06	0920	GW	2					2	-015
OSB-5/60	2/16/06	0910	GW	2					2	-016
OSB-5/50	2/16/06	0920	GW	2					2	-017
OSB-5/40	2/16/06	0940	GW	2					2	-018
OSB-5/30	2/16/06	0955	GW	2					2	-019
OSB-5/20	2/16/06	1005	GW	2					2	-020
OSB-5/10	2/16/06	1015	GW	2					2	-021
TB 2/17/06 CP RWCP	2/13/06									-022

RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
[signature]	Roux	2/17/06	1200		William Culp	HCV	2-17	1200	
William Culp		2-17	1340		[signature]	HCV	2/17/06	1340	

DELIVERY METHOD: Pick up
ANALYTICAL LABORATORY: Veritech
COMMENTS: 3-7

CHAINOF.CDR 12AUG98

2/22/6 NR

Veritech

Condition Upon Receipt

Date Received: 2/17/06 Filed By: AC
Client: KDF Project/Account: Tiffin / Massillon
Veritech Project #

0000031

YES	NO	INITIAL CONDITIONS
✓		[1] Is there a corresponding Chain of Custody included with the samples?
✓		[2] Are the samples in a container such as a cooler or ice chest?
	✓	[3] Are the custody seals intact? IF NO, please circle one of the following: missing broken (N.A)
3.7 °C		[4] Please specify the temperature inside the container.

YES	NO	SAMPLE INFORMATION
✓		[5] Are the samples properly refrigerated (where required), have they arrived on ice?
✓		[6] Are the samples within holding times for the parameters listed on the COC? If NO, list parameters and associated samples:
✓		[7] Are all of the sample bottles intact? If NO, specify sample numbers below: broken: leaking:
✓		[8] Are all of the sample labels or numbers legible? If NO, specify:
	✓	[9] Do the contents of the container match the COC? If NO, specify: TB received, but not listed on the coc
✓		[10] Is there enough sample sent for the analyses listed on the COC? If NO, specify:
	✓	[11] Are the samples preserved correctly (see Preservation Form for actual pH readings)? OSB-4/20 PH=7, OSB-5/60 PH=5, OSB-6/75 PH=5
		[12] Are all soils preserved in methanol accompanied by dry soil?

		OTHER
		[13] Specify:

NO.	ACTION	CORRECTIVE ACTIONS

veritech laboratories

0000032

PRESERVATION DOCUMENTATION

Date Received: 2/17/06 — Filed By: HC

Client: Rox — Project: Thypit Mayorhaven

Veritech Project #:

SAMPLE ID:	CONTAINER SIZE	CONTAINER TYPE (PG)	PARAMETER	PRESERVATIVE	pH
OSB-6/75	40ml	G	Vo+10	HCl	5
6/65					1
6/55					1
6/45					1
6/35					1
6/25					1
6/15					1
4/70					7
4/60					1
4/50					1
4/40					1
4/30					1
4/20					1
4/10					1
5/60					5
5/50					1
5/40					1
5/30					1
5/20					1
5/10					1
TB	40ml	G	Vo+10	HCL	1

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC22019-001	02/22/08 14:23	DB	2	A	VOA
AC22019-002	02/22/08 14:23	DB	2	A	VOA
AC22019-003	02/22/08 14:23	DB	2	A	VOA
AC22019-004	02/23/08 09:48	DB	1	A	VOA
AC22019-004	02/22/08 14:23	DB	2	A	VOA
AC22019-005	02/22/08 14:23	DB	1	A	VOA
AC22019-005	02/23/08 09:48	DB	2	A	VOA
AC22019-006	02/22/08 14:23	DB	1	A	VOA
AC22019-007	02/22/08 14:23	DB	1	A	VOA
AC22019-007	02/23/08 09:48	DB	2	A	VOA
AC22019-008	02/28/08 08:00	BCT	1	A	%SOLIDS
AC22019-008	02/28/08 12:41	R12	1	A	NONE
AC22019-008	02/23/08 10:00	DB	3	M	VOA
AC22019-008	02/23/08 10:35	R3	3	M	NONE
AC22019-008	02/24/08 10:01	DB	3	M	VOA
AC22019-008	02/24/08 10:25	R3	3	A	NONE
AC22019-009	02/22/08 14:23	DB	2	A	VOA
AC22019-010	02/22/08 15:43	DB	1	A	VOA
AC22019-011	02/23/08 09:48	DB	1	A	VOA
AC22019-011	02/22/08 15:43	DB	2	A	VOA
AC22019-012	02/23/08 09:48	DB	1	A	VOA
AC22019-012	02/22/08 15:43	DB	2	A	VOA
AC22019-013	02/22/08 15:43	DB	1	A	VOA
AC22019-014	02/22/08 15:43	DB	1	A	VOA
AC22019-014	02/23/08 09:48	DB	2	A	VOA
AC22019-015	02/22/08 15:45	DB	2	A	VOA
AC22019-016	02/22/08 14:23	DB	1	A	VOA
AC22019-017	02/22/08 15:45	DB	1	A	VOA
AC22019-018	02/22/08 15:45	DB	2	A	VOA
AC22019-019	02/22/08 15:45	DB	1	A	VOA
AC22019-020	02/23/08 09:48	DB	2	A	VOA
AC22019-021	02/23/08 09:48	DB	2	A	VOA
AC22019-022	02/22/08 14:23	DB	2	A	VOA

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

0000033

0000

SAMPLE INFORMATION
Date: 12/14/2005

Job Number.: 211450
Customer...: ROUX ASSOCIATES
Attn.....: Chris Proce

Project Number.....: 20001753
Customer Project ID....: THYPIN OU-2
Project Description....: Thypin OU-2

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
211450-1	OSB-3/10	Water	11/16/2005	10:50	11/18/2005	19:15
211450-2	OSB-3/20	Water	11/16/2005	11:05	11/18/2005	19:15
211450-3	OSB-3/30	Water	11/16/2005	11:20	11/18/2005	19:15
211450-4	OSB-3/40	Water	11/16/2005	11:40	11/18/2005	19:15
211450-5	OSB-3/50	Water	11/16/2005	12:25	11/18/2005	19:15
211450-6	OSB-3/60	Water	11/16/2005	13:20	11/18/2005	19:15
211450-7	MW-31S	Water	11/16/2005	15:10	11/18/2005	19:15
211450-8	MW-2	Water	11/16/2005	15:35	11/18/2005	19:15
211450-9	MW-24	Water	11/16/2005	15:40	11/18/2005	19:15
211450-10	MW-33S	Water	11/16/2005	15:55	11/18/2005	19:15
211450-11	MW-35S	Water	11/16/2005	16:10	11/18/2005	19:15
211450-12	OSB-1/10	Water	11/14/2005	09:30	11/18/2005	19:15
211450-13	OSB-1/20	Water	11/14/2005	11:20	11/18/2005	19:15
211450-14	OSB-1/30	Water	11/14/2005	12:30	11/18/2005	19:15
211450-15	OSB-1/40	Water	11/14/2005	13:30	11/18/2005	19:15
211450-16	OSB-1/50	Water	11/14/2005	15:25	11/18/2005	19:15
211450-17	OSB-1/60	Water	11/15/2005	10:50	11/18/2005	19:15
211450-18	OSB-2/10	Water	11/15/2005	12:50	11/18/2005	19:15
211450-19	OSB-2/20	Water	11/15/2005	13:10	11/18/2005	19:15
211450-20	OSB-2/30	Water	11/15/2005	13:30	11/18/2005	19:15

STL Report : 211450
ROUX ASSOCIATES, INC.

Case Narrative

Sample Receipt – All samples were received in good condition and at the proper temperature.
One VOA vial for sample OSB-1/40 was received with headspace and was not used for analysis.

Volatile Organics – Volatile organics were determined by purge and trap GC/MS using guidance provided in Method 5030B/8260B. All samples met criteria by method 8260B and STL/CT 8260 Standard Operating Procedure.

Below are the steps the laboratory took to ensure compliance to the method.

The spike compound percent recoveries were within the laboratory generated guidelines in the independent source quality control samples except for carbon disulfide in 58070-2LCS, 58139-2LCS, 58216-2LCS and 58249-2LCS.

The spike recovery for the compound, trichloroethene and styrene, was above QC limits in OSB-3/30MS and styrene in OSB-3/30MSB and trichloroethene and styrene in OSB-3/30MSD.

The following samples were analyzed at dilutions for high targets:

Sample ID	Dilution
OSB-3/30DL	1:4
OSB-3/40DL	1:10
OSB-3/60DL	1:5
OSB-1/20DL	1:10
OSB-1/30DL	1:100
OSB-1/40DL	1:10
OSB-2/30DL	1:4

Sample Calculation:

Sample ID-OSB-3/10
Compound-Methylene Chloride

$$\frac{(3675 \text{ area})(125 \text{ng})(1)}{(536620 \text{ area})(.381 \text{ area/ng})(5\text{ml})} = .449 = .45 \text{ ug/L.}$$

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.

LABORATORY CHRONICLE

Job Number: 211450

Date: 12/14/2005

CUSTOMER: ROUX ASSOCIATES | PROJECT: THYPIN OU-2 | ATTN: Chris Proce

Lab ID: 211450-1 Client ID: OSB-3/10 — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58070			
8260B	Volatile Organics (5mL Purge)	1	58505	58070	11/23/2005 1930	1.00000

Lab ID: 211450-2 Client ID: OSB-3/20 — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58070			
8260B	Volatile Organics (5mL Purge)	1	58505	58070	11/23/2005 1957	1.00000

Lab ID: 211450-3 Client ID: OSB-3/30 — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58070			
8260B	Volatile Organics (5mL Purge)	1	58505	58070	11/23/2005 2023	1.00000
8260B	Volatile Organics (5mL Purge)	2	58509	58249	11/29/2005 1623	4.00000

Lab ID: 211450-4 Client ID: OSB-3/40 — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58249			
8260B	Volatile Organics (5mL Purge)	1	58509	58249	11/29/2005 1811	10.0000
8260B	Volatile Organics (5mL Purge)	1	58509	58249	11/29/2005 1838	1.00000
8260B	Volatile Organics (5mL Purge)	2	58509	58249	11/29/2005 1811	10.0000
8260B	Volatile Organics (5mL Purge)	2	58509	58249	11/29/2005 1838	1.00000

Lab ID: 211450-5 Client ID: OSB-3/50 — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58249			
8260B	Volatile Organics (5mL Purge)	1	58509	58249	11/29/2005 1745	1.00000

Lab ID: 211450-6 Client ID: OSB-3/60 — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58216			
8260B	Volatile Organics (5mL Purge)	1	58507	58216	11/28/2005 1736	5.00000
8260B	Volatile Organics (5mL Purge)	2	58509	58249	11/29/2005 1904	1.00000

Lab ID: 211450-7 Client ID: MW-31S — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58216			
8260B	Volatile Organics (5mL Purge)	1	58507	58216	11/28/2005 2041	1.00000

Lab ID: 211450-8 Client ID: MW-2 — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58216			
8260B	Volatile Organics (5mL Purge)	1	58507	58216	11/28/2005 2108	1.00000

Lab ID: 211450-9 Client ID: MW-24 — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58216			
8260B	Volatile Organics (5mL Purge)	1	58507	58216	11/28/2005 2134	1.00000

Lab ID: 211450-10 Client ID: MW-33S — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58216			
8260B	Volatile Organics (5mL Purge)	1	58507	58216	11/28/2005 2201	1.00000

Lab ID: 211450-11 Client ID: MW-35S — Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	58249			

LABORATORY CHRONICLE

Job Number: 211450 Date: 12/14/2005

CUSTOMER: ROUX ASSOCIATES PROJECT: THYPIN OU-2 ATTN: Chris Proce

Lab ID: 211450-11 Client ID: MW-35S Date Recvd: 11/18/2005 Sample Date: 11/16/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
8260B	Volatile Organics (5mL Purge)	1	58509	58249		11/29/2005	1718	1.00000

Lab ID: 211450-12 Client ID: OSB-1/10 Date Recvd: 11/18/2005 Sample Date: 11/14/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	58139					
8260B	Volatile Organics (5mL Purge)	1	58506	58139		11/25/2005	1204	1.00000

Lab ID: 211450-13 Client ID: OSB-1/20 Date Recvd: 11/18/2005 Sample Date: 11/14/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	58139					
8260B	Volatile Organics (5mL Purge)	1	58506	58139		11/25/2005	1231	1.00000
8260B	Volatile Organics (5mL Purge)	1	58506	58139		11/25/2005	1815	10.0000
8260B	Volatile Organics (5mL Purge)	2	58506	58139		11/25/2005	1231	1.00000
8260B	Volatile Organics (5mL Purge)	2	58506	58139		11/25/2005	1815	10.0000

Lab ID: 211450-14 Client ID: OSB-1/30 Date Recvd: 11/18/2005 Sample Date: 11/14/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	58216					
8260B	Volatile Organics (5mL Purge)	1	58506	58139		11/25/2005	1257	1.00000
8260B	Volatile Organics (5mL Purge)	2	58507	58216		11/28/2005	1644	100.000

Lab ID: 211450-15 Client ID: OSB-1/40 Date Recvd: 11/18/2005 Sample Date: 11/14/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	58139					
8260B	Volatile Organics (5mL Purge)	1	58506	58139		11/25/2005	1323	1.00000
8260B	Volatile Organics (5mL Purge)	1	58506	58139		11/25/2005	1909	10.0000
8260B	Volatile Organics (5mL Purge)	2	58506	58139		11/25/2005	1323	1.00000
8260B	Volatile Organics (5mL Purge)	2	58506	58139		11/25/2005	1909	10.0000

Lab ID: 211450-16 Client ID: OSB-1/50 Date Recvd: 11/18/2005 Sample Date: 11/14/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	58139					
8260B	Volatile Organics (5mL Purge)	1	58506	58139		11/25/2005	1350	1.00000

Lab ID: 211450-17 Client ID: OSB-1/60 Date Recvd: 11/18/2005 Sample Date: 11/15/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	58216					
8260B	Volatile Organics (5mL Purge)	1	58507	58216		11/28/2005	1922	1.00000

Lab ID: 211450-18 Client ID: OSB-2/10 Date Recvd: 11/18/2005 Sample Date: 11/15/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	58249					
8260B	Volatile Organics (5mL Purge)	1	58509	58249		11/29/2005	1530	1.00000

Lab ID: 211450-19 Client ID: OSB-2/20 Date Recvd: 11/18/2005 Sample Date: 11/15/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	58249					
8260B	Volatile Organics (5mL Purge)	1	58509	58249		11/29/2005	1557	1.00000

Lab ID: 211450-20 Client ID: OSB-2/30 Date Recvd: 11/18/2005 Sample Date: 11/15/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	58216					
8260B	Volatile Organics (5mL Purge)	1	58506	58139		11/25/2005	2121	1.00000
8260B	Volatile Organics (5mL Purge)	2	58507	58216		11/28/2005	1710	4.00000

SURROGATE RECOVERIES REPORT

Job Number.: 211450 Report Date.: 12/08/2005

CUSTOMER: ROUX ASSOCIATES PROJECT: THYPIN OU-2 ATTN: Chris Proce

Method.....: Volatile Organics (5mL Purge) Method Code...: 8260.5 Prep Batch....: 58070
Batch(s).....: 58505 Test Matrix...: Water Equipment Code: MSW

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS-58070-2			11/23/2005	96	97	92	89
MB-58070-1			11/23/2005	99	98	93	88
211450- 1		OSB-3/10	11/23/2005	107	104	95	91
211450- 2		OSB-3/20	11/23/2005	111	103	97	85
211450- 3		OSB-3/30	11/23/2005	114	104	99	90

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	53 - 125
BRFLBE	4-Bromofluorobenzene (surr)	73 - 127
DBRFLM	Dibromofluoromethane (surr)	54 - 137
TOLD8	Toluene-d8 (surr)	63 - 121

Method.....: Volatile Organics (5mL Purge) Method Code...: 8260.5 Prep Batch....: 58139
Batch(s).....: 58506 Test Matrix...: Water Equipment Code: MSW

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS-58139-2			11/25/2005	111	99	101	85
MB-58139-1			11/25/2005	111	107	102	85
211450- 12		OSB-1/10	11/25/2005	115	100	104	84
211450- 13		OSB-1/20	11/25/2005	113	105	102	83
211450- 13	DL	OSB-1/20	11/25/2005	119	106	103	84
211450- 14		OSB-1/30	11/25/2005	113	102	103	85
211450- 15		OSB-1/40	11/25/2005	115	101	103	85
211450- 15	DL	OSB-1/40	11/25/2005	125	101	108	85
211450- 16		OSB-1/50	11/25/2005	119	103	102	85
211450- 20		OSB-2/30	11/25/2005	130*	103	109	85

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	53 - 125
BRFLBE	4-Bromofluorobenzene (surr)	73 - 127
DBRFLM	Dibromofluoromethane (surr)	54 - 137
TOLD8	Toluene-d8 (surr)	63 - 121

Method.....: Volatile Organics (5mL Purge) Method Code...: 8260.5 Prep Batch....: 58216
Batch(s).....: 58507 Test Matrix...: Water Equipment Code: MSW

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS-58216-2			11/28/2005	70	102	66	65
MB-58216-1			11/28/2005	103	91	87	80
211450- 6	DL	OSB-3/60	11/28/2005	116	94	95	86
211450- 7		MW-31S	11/28/2005	123	98	100	85
211450- 8		MW-2	11/28/2005	124	96	97	82
211450- 9		MW-24	11/28/2005	124	100	101	83
211450- 10		MW-33S	11/28/2005	125	101	101	83
211450- 14	DL	OSB-1/30	11/28/2005	113	95	96	81
211450- 17		OSB-1/60	11/28/2005	117	97	97	84
211450- 20	DL	OSB-2/30	11/28/2005	113	94	92	79

SURROGATE RECOVERIES REPORT

Job Number.: 211450 — Report Date.: 12/08/2005

CUSTOMER: ROUX ASSOCIATES — PROJECT: THYPIN OU-2 — ATTN: Chris Proce

Method.....: Volatile Organics (5mL Purge) — Method Code...: 8260.5 — Prep Batch....: 58216
Batch(s).....: 58507 — Test Matrix...: Water — Equipment Code: MSY

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	53 - 125
BRFLBE	4-Bromofluorobenzene (surr)	73 - 127
DBRFLM	Dibromofluoromethane (surr)	54 - 137
TOLD8	Toluene-d8 (surr)	63 - 121

Method.....: Volatile Organics (5mL Purge) — Method Code...: 8260.5 — Prep Batch....: 58249
Batch(s).....: 58509 — Test Matrix...: Water — Equipment Code: MSY

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS-58249-2			11/29/2005	83	95	94	94
MB-58249-1			11/29/2005	85	96	94	95
211450- 3	DL	OSB-3/30	11/29/2005	99	96	101	96
211450- 3 MS		OSB-3/30	11/29/2005	92	92	97	96
211450- 3 MSB		OSB-3/30	11/29/2005	98	94	103	96
211450- 3 MSD		OSB-3/30	11/29/2005	91	96	97	95
211450- 4		OSB-3/40	11/29/2005	98	97	101	96
211450- 4	DL	OSB-3/40	11/29/2005	101	96	106	95
211450- 5		OSB-3/50	11/29/2005	102	97	106	95
211450- 6		OSB-3/60	11/29/2005	103	93	105	97
211450- 11		MW-35S	11/29/2005	103	96	105	93
211450- 18		OSB-2/10	11/29/2005	100	96	104	94
211450- 19		OSB-2/20	11/29/2005	97	97	101	94

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	53 - 125
BRFLBE	4-Bromofluorobenzene (surr)	73 - 127
DBRFLM	Dibromofluoromethane (surr)	54 - 137
TOLD8	Toluene-d8 (surr)	63 - 121

QUALITY CONTROL RESULTS

Job Number.: 211450 Report Date.: 12/06/2005

CUSTOMER: ROUX ASSOCIATES PROJECT: THYPIN OU-2 ATTN: Chris Proce

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	V05KWRK017	211450-3	4.00000	11/29/2005	1957

Test Method.....: 8260B Equipment Code....: MSY Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) Batch.....: 58509

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	78.695	80	320.000	2.000 U	98		43-134	
Vinyl chloride	ug/L	78.470		320.000	3.200 U	98		51-139	
Bromomethane	ug/L	70.010		320.000	4.800 U	88		27-171	
Chloroethane	ug/L	76.842		320.000	3.200 U	96		53-167	
1,1-Dichloroethene	ug/L	74.730		320.000	2.800 U	91		57-137	
Carbon disulfide	ug/L	75.949		320.000	3.600 U	95		44-142	
Acetone	ug/L	52.522		320.000	6.841 J	57		18-263	
Methylene chloride	ug/L	61.864		320.000	7.885 J	67		61-129	
trans-1,2-Dichloroethene	ug/L	82.220		320.000	2.000 U	103		57-129	
1,1-Dichloroethane	ug/L	87.367		320.000	2.927 J	106		67-121	
cis-1,2-Dichloroethene	ug/L	101.642		320.000	14.911 J	108		65-120	
2-Butanone (MEK)	ug/L	79.713		320.000	4.800 U	100		30-222	
Chloroform	ug/L	84.393		320.000	2.800 U	105		70-124	
1,1,1-Trichloroethane	ug/L	83.710		320.000	1.600 U	105		60-128	
Carbon tetrachloride	ug/L	83.953		320.000	4.000 U	105		56-131	
Benzene	ug/L	86.813		320.000	1.600 U	109		68-126	
1,2-Dichloroethane	ug/L	81.053		320.000	2.400 U	101		68-124	
Trichloroethene	ug/L	330.900		320.000	286.844	55		58-125	*
1,2-Dichloropropane	ug/L	85.350		320.000	3.600 U	107		69-122	
Bromodichloromethane	ug/L	81.664		320.000	1.600 U	102		67-118	
cis-1,3-Dichloropropene	ug/L	85.945		320.000	2.000 U	107		60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	86.226		320.000	2.800 U	108		61-140	
Toluene	ug/L	89.496		320.000	1.200 U	112		70-116	
trans-1,3-Dichloropropene	ug/L	90.291		320.000	3.200 U	113		55-126	
1,1,2-Trichloroethane	ug/L	85.820		320.000	2.400 U	107		70-119	
Tetrachloroethene	ug/L	87.734		320.000	2.467 J	107		62-118	
2-Hexanone	ug/L	80.707		320.000	3.200 U	101		54-179	
Dibromochloromethane	ug/L	85.359		320.000	2.000 U	107		65-114	
Chlorobenzene	ug/L	83.253		320.000	1.600 U	104		71-114	
Ethylbenzene	ug/L	86.023		320.000	4.000 U	108		71-115	
Styrene	ug/L	94.626		320.000	2.000 U	118		69-112	*
Bromoform	ug/L	85.244		320.000	3.200 U	107		63-115	
1,1,2,2-Tetrachloroethane	ug/L	84.497		320.000	1.600 U	106		66-129	
Xylenes (total)	ug/L	264.210	240	960.000	4.000 U	110		66-118	

PM 12/6/05

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211450 — Report Date.: 12/06/2005

CUSTOMER: ROUX ASSOCIATES — PROJECT: THYPIN OU-2 — ATTN: Chris Proce

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	V05WRK017	211450-3	4.00000	11/29/2005	2024

Test Method.....: 8260B — Equipment Code....: MSY — Analyst...: pam
Method Description..: Volatile Organics (5mL Purge) — Batch.....: 58509

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	78.266	78.695	320.000	2.000 U	98		43-134	
						1		20	
Vinyl chloride	ug/L	78.499	78.470	320.000	3.200 U	98		51-139	
						0		20	
Bromomethane	ug/L	71.354	70.010	320.000	4.800 U	89		27-171	
						2		20	
Chloroethane	ug/L	75.052	76.842	320.000	3.200 U	94		53-167	
						2		20	
1,1-Dichloroethene	ug/L	77.060	74.730	320.000	2.800 U	94		57-137	
						3		20	
Carbon disulfide	ug/L	75.977	75.949	320.000	3.600 U	95		44-142	
						0		20	
Acetone	ug/L	53.229	52.522	320.000	6.841 J	58		18-263	
						1		20	
Methylene chloride	ug/L	62.194	61.864	320.000	7.885 J	68		61-129	
						1		20	
trans-1,2-Dichloroethene	ug/L	83.042	82.220	320.000	2.000 U	104		57-129	
						1		20	
1,1-Dichloroethane	ug/L	84.799	87.367	320.000	2.927 J	102		67-121	
						3		20	
cis-1,2-Dichloroethene	ug/L	101.239	101.642	320.000	14.911 J	108		65-120	
						0		20	
2-Butanone (MEK)	ug/L	77.505	79.713	320.000	4.800 U	97		30-222	
						3		20	
Chloroform	ug/L	81.585	84.393	320.000	2.800 U	102		70-124	
						3		20	
1,1,1-Trichloroethane	ug/L	81.308	83.710	320.000	1.600 U	102		60-128	
						3		20	
Carbon tetrachloride	ug/L	79.929	83.953	320.000	4.000 U	100		56-131	
						5		20	
Benzene	ug/L	85.831	86.813	320.000	1.600 U	107		68-126	
						1		20	
1,2-Dichloroethane	ug/L	79.942	81.053	320.000	2.400 U	100		68-124	
						1		20	
Trichloroethene	ug/L	322.426	330.900	320.000	286.844	44		58-125	*
						3		20	
1,2-Dichloropropane	ug/L	85.020	85.350	320.000	3.600 U	106		69-122	
						0		20	
Bromodichloromethane	ug/L	79.952	81.664	320.000	1.600 U	100		67-118	
						2		20	
cis-1,3-Dichloropropene	ug/L	85.050	85.945	320.000	2.000 U	106		60-122	
						1		20	
4-Methyl-2-pentanone (MIBK)	ug/L	84.225	86.226	320.000	2.800 U	105		61-140	
						2		20	
Toluene	ug/L	86.706	89.496	320.000	1.200 U	108		70-116	
						3		20	
trans-1,3-Dichloropropene	ug/L	89.638	90.291	320.000	3.200 U	112		55-126	
						1		20	
1,1,2-Trichloroethane	ug/L	86.381	85.820	320.000	2.400 U	108		70-119	
						1		20	

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Page 63 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211450 Report Date.: 12/06/2005

CUSTOMER: ROUX ASSOCIATES PROJECT: THYPIN OU-2 ATTN: Chris Proce

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	VD5KWRKD17	211450-3	4.00000	11/29/2005	2024

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Tetrachloroethene	ug/L	81.300	87.734	320.000	2.467	J 99.8		62-118	
								20	
2-Hexanone	ug/L	79.013	80.707	320.000	3.200	U 99.2		54-179	
								20	
Dibromochloromethane	ug/L	82.428	85.359	320.000	2.000	U 103.3		65-114	
								20	
Chlorobenzene	ug/L	81.052	83.253	320.000	1.600	U 101.3		71-114	
								20	
Ethylbenzene	ug/L	82.164	86.023	320.000	4.000	U 103.5		71-115	
								20	
Styrene	ug/L	90.852	94.626	320.000	2.000	U 114.4		69-112	*
								20	
Bromoform	ug/L	84.830	85.244	320.000	3.200	U 106.0		63-115	
								20	
1,1,2,2-Tetrachloroethane	ug/L	86.356	84.497	320.000	1.600	U 108.2		66-129	
								20	
Xylenes (total)	ug/L	255.112	264.210	960.000	4.000	U 106.4		66-118	
								20	

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Page 64 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211450 Report Date.: 12/06/2005

CUSTOMER: ROUX ASSOCIATES PROJECT: THYPIN OU-2 ATTN: Chris Proce

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 8260B Equipment Code....: MSY Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) Batch.....: 58509

MSB	Matrix Spike Blank	V05KWRK017	211450-3		11/29/2005	1930

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	18.646		20.000	0.500 U	93		43-134	
Vinyl chloride	ug/L	17.719		20.000	0.800 U	89		51-139	
Bromomethane	ug/L	17.088		20.000	1.200 U	85		27-171	
Chloroethane	ug/L	18.606		20.000	0.800 U	93		53-167	
1,1-Dichloroethene	ug/L	18.444		20.000	0.700 U	92		57-137	
Carbon disulfide	ug/L	18.669		20.000	0.900 U	93		44-142	
Acetone	ug/L	12.761		20.000	1.400 U	64		18-263	
Methylene chloride	ug/L	15.897		20.000	2.067 J	69		61-129	
trans-1,2-Dichloroethene	ug/L	20.530		20.000	0.500 U	103		57-129	
1,1-Dichloroethane	ug/L	20.979		20.000	0.600 U	105		67-121	
cis-1,2-Dichloroethene	ug/L	21.596		20.000	0.600 U	108		65-120	
2-Butanone (MEK)	ug/L	19.287		20.000	1.200 U	96		30-222	
Chloroform	ug/L	21.213		20.000	0.700 U	106		70-124	
1,1,1-Trichloroethane	ug/L	21.326		20.000	0.400 U	107		60-128	
Carbon tetrachloride	ug/L	21.582		20.000	1.000 U	108		56-131	
Benzene	ug/L	21.387		20.000	0.400 U	107		68-126	
1,2-Dichloroethane	ug/L	21.434		20.000	0.600 U	107		68-124	
Trichloroethene	ug/L	22.719		20.000	0.700 U	114		58-125	
1,2-Dichloropropane	ug/L	21.202		20.000	0.900 U	106		69-122	
Bromodichloromethane	ug/L	21.137		20.000	0.400 U	106		67-118	
cis-1,3-Dichloropropene	ug/L	22.175		20.000	0.500 U	111		60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	20.463		20.000	0.700 U	102		61-140	
Toluene	ug/L	22.072		20.000	0.300 U	110		70-116	
trans-1,3-Dichloropropene	ug/L	22.956		20.000	0.800 U	115		55-126	
1,1,2-Trichloroethane	ug/L	21.909		20.000	0.600 U	110		70-119	
Tetrachloroethene	ug/L	20.106		20.000	0.500 U	101		62-118	
2-Hexanone	ug/L	19.681		20.000	0.800 U	98		54-179	
Dibromochloromethane	ug/L	20.810		20.000	0.500 U	104		65-114	
Chlorobenzene	ug/L	20.564		20.000	0.400 U	103		71-114	
Ethylbenzene	ug/L	21.247		20.000	1.000 U	106		71-115	
Styrene	ug/L	23.008		20.000	0.500 U	115		69-112	*
Bromoform	ug/L	20.597		20.000	0.800 U	103		63-115	
1,1,2,2-Tetrachloroethane	ug/L	20.470		20.000	0.400 U	102		66-129	
Xylenes (total)	ug/L	64.755		60.000	1.000 U	108		66-118	

QUALITY CONTROL RESULTS

Job Number.: 211450 Report Date.: 12/06/2005

CUSTOMER: ROUX ASSOCIATES PROJECT: THYPIN OU-2 ATTN: Chris Proce

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 8260B Equipment Code....: MSW Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) Batch.....: 58505

ICS	Laboratory Control Sample	V05IWRK022	58070 -002		11/23/2005 0954

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	7.433		10.000		74	%	43-134	
Vinyl chloride	ug/L	8.429		10.000		84	%	51-139	
Bromomethane	ug/L	9.276		10.000		93	%	27-171	
Chloroethane	ug/L	8.858		10.000		89	%	53-167	
1,1-Dichloroethene	ug/L	7.804		10.000		78	%	57-137	
Carbon disulfide	ug/L	3.473	J	10.000		35	%	44-142	*
Acetone	ug/L	9.431	J	10.000		94	%	18-263	
Methylene chloride	ug/L	8.007		10.000		80	%	61-129	
trans-1,2-Dichloroethene	ug/L	6.950		10.000		70	%	57-129	
1,1-Dichloroethane	ug/L	9.023		10.000		90	%	67-121	
cis-1,2-Dichloroethene	ug/L	8.077		10.000		81	%	65-120	
2-Butanone (MEK)	ug/L	10.211		10.000		102	%	30-222	
Chloroform	ug/L	9.150		10.000		91	%	70-124	
1,1,1-Trichloroethane	ug/L	8.925		10.000		89	%	60-128	
Carbon tetrachloride	ug/L	8.839		10.000		88	%	56-131	
Benzene	ug/L	8.496		10.000		85	%	68-126	
1,2-Dichloroethane	ug/L	9.696		10.000		97	%	68-124	
Trichloroethene	ug/L	7.583		10.000		76	%	58-125	
1,2-Dichloropropane	ug/L	8.842		10.000		88	%	69-122	
Bromodichloromethane	ug/L	9.652		10.000		97	%	67-118	
cis-1,3-Dichloropropene	ug/L	8.588		10.000		86	%	60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	10.110		10.000		101	%	61-140	
Toluene	ug/L	8.020		10.000		80	%	70-116	
trans-1,3-Dichloropropene	ug/L	9.353		10.000		94	%	55-126	
1,1,2-Trichloroethane	ug/L	9.258		10.000		93	%	70-119	
Tetrachloroethene	ug/L	6.980		10.000		70	%	62-118	
2-Hexanone	ug/L	9.499	J	10.000		95	%	54-179	
Dibromochloromethane	ug/L	8.819		10.000		88	%	65-114	
Chlorobenzene	ug/L	8.394		10.000		84	%	71-114	
Ethylbenzene	ug/L	8.022		10.000		80	%	71-115	
Styrene	ug/L	7.998		10.000		80	%	69-112	
Bromoform	ug/L	8.702		10.000		87	%	63-115	
1,1,2,2-Tetrachloroethane	ug/L	9.556		10.000		96	%	66-129	
Xylenes (total)	ug/L	24.748		30.000		82	%	66-118	

QUALITY CONTROL RESULTS

Job Number.: 211450 — Report Date.: 12/06/2005

CUSTOMER: ROUX ASSOCIATES — PROJECT: THYPIN OU-2 — ATTN: Chris Proce

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V05IWRK022	58139-002		11/25/2005	1027

Test Method.....: 8260B — Equipment Code....: MSW — Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) — Batch.....: 58506

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	8.966		10.000		90	%	43-134	
Vinyl chloride	ug/L	10.424		10.000		104	%	51-139	
Bromomethane	ug/L	9.877		10.000		99	%	27-171	
Chloroethane	ug/L	10.569		10.000		106	%	53-167	
1,1-Dichloroethene	ug/L	9.133		10.000		91	%	57-137	
Carbon disulfide	ug/L	4.254	J	10.000		43	%	44-142	*
Acetone	ug/L	9.871	J	10.000		99	%	18-263	
Methylene chloride	ug/L	9.127		10.000		91	%	61-129	
trans-1,2-Dichloroethene	ug/L	8.375		10.000		84	%	57-129	
1,1-Dichloroethane	ug/L	10.528		10.000		105	%	67-121	
cis-1,2-Dichloroethene	ug/L	9.860		10.000		99	%	65-120	
2-Butanone (MEK)	ug/L	10.514		10.000		105	%	30-222	
Chloroform	ug/L	11.036		10.000		110	%	70-124	
1,1,1-Trichloroethane	ug/L	11.318		10.000		113	%	60-128	
Carbon tetrachloride	ug/L	10.999		10.000		110	%	56-131	
Benzene	ug/L	9.881		10.000		99	%	68-126	
1,2-Dichloroethane	ug/L	11.139		10.000		111	%	68-124	
Trichloroethene	ug/L	9.880		10.000		99	%	58-125	
1,2-Dichloropropane	ug/L	10.279		10.000		103	%	69-122	
Bromodichloromethane	ug/L	11.181		10.000		112	%	67-118	
cis-1,3-Dichloropropene	ug/L	9.441		10.000		94	%	60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	9.121	J	10.000		91	%	61-140	
Toluene	ug/L	8.078		10.000		81	%	70-116	
trans-1,3-Dichloropropene	ug/L	10.764		10.000		108	%	55-126	
1,1,2-Trichloroethane	ug/L	10.553		10.000		106	%	70-119	
Tetrachloroethene	ug/L	7.123		10.000		71	%	62-118	
2-Hexanone	ug/L	8.246	J	10.000		82	%	54-179	
Dibromochloromethane	ug/L	9.339		10.000		93	%	65-114	
Chlorobenzene	ug/L	8.374		10.000		84	%	71-114	
Ethylbenzene	ug/L	8.563		10.000		86	%	71-115	
Styrene	ug/L	8.381		10.000		84	%	69-112	
Bromoform	ug/L	8.618		10.000		86	%	63-115	
1,1,2,2-Tetrachloroethane	ug/L	8.948		10.000		89	%	66-129	
Xylenes (total)	ug/L	25.205		30.000		84	%	66-118	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211450 — Report Date.: 12/06/2005

CUSTOMER: ROUX ASSOCIATES — PROJECT: THYPIN OU-2 — ATTN: Chris Proce

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V05IWRK022	58216-002		11/28/2005	1431

Test Method.....: 8260B — Equipment Code....: MSW — Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) — Batch.....: 58507

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	7.169		10.000		72	%	43-134	
Vinyl chloride	ug/L	7.917		10.000		79	%	51-139	
Bromomethane	ug/L	8.279		10.000		83	%	27-171	
Chloroethane	ug/L	9.506		10.000		95	%	53-167	
1,1-Dichloroethene	ug/L	6.131		10.000		61	%	57-137	
Carbon disulfide	ug/L	2.825	J	10.000		28	%	44-142	*
Acetone	ug/L	8.986	J	10.000		90	%	18-263	
Methylene chloride	ug/L	7.919		10.000		79	%	61-129	
trans-1,2-Dichloroethene	ug/L	6.285		10.000		63	%	57-129	
1,1-Dichloroethane	ug/L	8.714		10.000		87	%	67-121	
cis-1,2-Dichloroethene	ug/L	7.965		10.000		80	%	65-120	
2-Butanone (MEK)	ug/L	8.474	J	10.000		85	%	30-222	
Chloroform	ug/L	9.617		10.000		96	%	70-124	
1,1,1-Trichloroethane	ug/L	8.748		10.000		87	%	60-128	
Carbon tetrachloride	ug/L	8.541		10.000		85	%	56-131	
Benzene	ug/L	7.752		10.000		78	%	68-126	
1,2-Dichloroethane	ug/L	10.004		10.000		100	%	68-124	
Trichloroethene	ug/L	7.253		10.000		73	%	58-125	
1,2-Dichloropropane	ug/L	8.418		10.000		84	%	69-122	
Bromodichloromethane	ug/L	10.088		10.000		101	%	67-118	
cis-1,3-Dichloropropene	ug/L	8.072		10.000		81	%	60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	8.969	J	10.000		90	%	61-140	
Toluene	ug/L	7.483		10.000		75	%	70-116	
trans-1,3-Dichloropropene	ug/L	9.561		10.000		96	%	55-126	
1,1,2-Trichloroethane	ug/L	8.736		10.000		87	%	70-119	
Tetrachloroethene	ug/L	6.339		10.000		63	%	62-118	
2-Hexanone	ug/L	8.257	J	10.000		83	%	54-179	
Dibromochloromethane	ug/L	9.296		10.000		93	%	65-114	
Chlorobenzene	ug/L	8.122		10.000		81	%	71-114	
Ethylbenzene	ug/L	7.668		10.000		77	%	71-115	
Styrene	ug/L	7.658		10.000		77	%	69-112	
Bromoform	ug/L	8.865		10.000		89	%	63-115	
1,1,2,2-Tetrachloroethane	ug/L	8.731		10.000		87	%	66-129	
Xylenes (total)	ug/L	24.251		30.000		81	%	66-118	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211450 — Report Date.: 12/06/2005

CUSTOMER: ROUX ASSOCIATES — PROJECT: THYPIN OU-2 — ATTN: Chris Proce

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 8260B — Equipment Code....: MSY — Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) — Batch.....: 58509

LCS	Laboratory Control Sample	V05KWRK017	58249 D02		11/29/2005 0945

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	7.623		10.000		76	%	43-134	
Vinyl chloride	ug/L	7.823		10.000		78	%	51-139	
Bromomethane	ug/L	6.504		10.000		65	%	27-171	
Chloroethane	ug/L	8.517		10.000		85	%	53-167	
1,1-Dichloroethene	ug/L	7.981		10.000		80	%	57-137	
Carbon disulfide	ug/L	3.853	J	10.000		39	%	44-142	*
Acetone	ug/L	12.065		10.000		121	%	18-263	
Methylene chloride	ug/L	7.847		10.000		78	%	61-129	
trans-1,2-Dichloroethene	ug/L	7.316		10.000		73	%	57-129	
1,1-Dichloroethane	ug/L	8.705		10.000		87	%	67-121	
cis-1,2-Dichloroethene	ug/L	8.769		10.000		88	%	65-120	
2-Butanone (MEK)	ug/L	10.836		10.000		108	%	30-222	
Chloroform	ug/L	8.475		10.000		85	%	70-124	
1,1,1-Trichloroethane	ug/L	8.410		10.000		84	%	60-128	
Carbon tetrachloride	ug/L	8.036		10.000		80	%	56-131	
Benzene	ug/L	9.215		10.000		92	%	68-126	
1,2-Dichloroethane	ug/L	7.822		10.000		78	%	68-124	
Trichloroethene	ug/L	8.647		10.000		86	%	58-125	
1,2-Dichloropropane	ug/L	9.394		10.000		94	%	69-122	
Bromodichloromethane	ug/L	8.486		10.000		85	%	67-118	
cis-1,3-Dichloropropene	ug/L	8.651		10.000		87	%	60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	8.902	J	10.000		89	%	61-140	
Toluene	ug/L	9.061		10.000		91	%	70-116	
trans-1,3-Dichloropropene	ug/L	8.636		10.000		86	%	55-126	
1,1,2-Trichloroethane	ug/L	9.302		10.000		93	%	70-119	
Tetrachloroethene	ug/L	7.617		10.000		76	%	62-118	
2-Hexanone	ug/L	7.910	J	10.000		79	%	54-179	
Dibromochloromethane	ug/L	8.284		10.000		83	%	65-114	
Chlorobenzene	ug/L	8.494		10.000		85	%	71-114	
Ethylbenzene	ug/L	8.716		10.000		87	%	71-115	
Styrene	ug/L	8.452		10.000		85	%	69-112	
Bromoform	ug/L	8.436		10.000		84	%	63-115	
1,1,2,2-Tetrachloroethane	ug/L	9.696		10.000		97	%	66-129	
Xylenes (total)	ug/L	25.872		30.000		86	%	66-118	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.

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

4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 10604
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen 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 on laboratory receipt.

Glossary of flags, qualifiers and abbreviation

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the reporting limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.

Inorganic Flags (Flag Column)

^	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed th upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	PS: Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the reporting limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.

Organic Flags (Flags Column)

^	MB,EB, MLE: Batch QC is greater than reporting limit.
*	LCS, LCD, CCV, MS, MSD, Surrogate, RS:Batch QC exceeds the upper or lower control limits.
A	Concentration exceeds the instrument calibration range or below the reporting limit.
B	Compound was found in the blank.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is greater than 25%.

Abbreviations

Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation Analysis
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
Dil Fac	Dilution Factor
DL	Secondary dilution and analysis
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB	Extraction Blank
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A
ISB	Interference Check Sample B
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group
Lab ID	An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PACK	Packed Column
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PS	Post Spike
PSD	Post Spike Duplicate
RA	Re-analysis
RE	Re-extraction and analysis
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RS	Reference Standard
RT	Retention Time
RTW	Retention Time Window
SampleID	A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution
UCB	Unseeded Control Blank

One or a combination of these data qualifiers and abbreviations may appear in the analytical report.

STL-Connecticut
Certification Summary (as of September 2005)

The laboratory identification numbers for the STL-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

State	Responsible Agency	Certification	Expiration Date	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	12/31/06	PH-0497
Maine	Department of Health and Environmental Services	Drinking Water, Wastewater/Solid, Hazardous Waste	04/18/06	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	06/30/06	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	08/29/06	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	06/30/06	CT410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste **NELAC**	04/01/06	10602
Rhode Island	Department of Health	Chemistry...Non- Potable Water and Wastewater	12/30/06	A43
Utah	Department of Health	RCRA	05/31/06	2032614458

MISCELLANEOUS DOCUMENTS

1703

ROUX CHAIN OF CUSTODY

No. 09787Y

ROUX ASSOCIATES, INC.
Environmental Consulting & Management
209 SHAFTER STREET
ISLANDIA, NEW YORK 11749-5074
(631) 232-2600 FAX: (631) 232-9898

ANALYSES — PAGE 2 OF 2

"PASSED RAD SCREEN"

PROJECT NAME	PROJECT NUMBER
THYPIN OU-2	971014

PROJECT LOCATION: MANORHAVEN, NEW YORK

PROJECT MANAGER	SAMPLER(S)
C. PROCE	WM

SAMPLE DESIGNATION / LOCATION		DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	8260-VOCS	TOTAL BOTTLES	NOTES
OSB-3/10	01	11/16/05	1050	AQ	X	2	
OSB-3/20	02	11/16/05	1105	AQ	X	2	
OSB-3/30	03	11/16/05	1120	AQ	X	2	
OSB-3/40	04	11/16/05	1140	AQ	X	2	
OSB-3/50	05	11/16/05	1225	AQ	X		
OSB-3/60	06	11/16/05	1320	AQ	X		
MW-315	07	11/16/05	1510	AQ	X		
MW-2	08	11/16/05	1535	AQ	X	2	
MW-24	09	11/16/05	1540	AQ	X	2	
MW-335	10	11/16/05	1555	AQ	X	2	
MW-355	11	11/16/05	1610	AQ	X	2	

211450
ROUX ASSOCIATES
CHRIS PROCE
THYPIN OU-2
12/04/2005

RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
Wendy Lucas	Roux Assoc.	11/16/05	1200	Y					
RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
					Richard Lord	STL	11/18/05	1915	Y

DELIVERY METHOD: COURIER
ANALYTICAL LABORATORY: STL CONNECTICUT
COMMENTS:

CHAINOF.CDR 12AUG98

STL-Connecticut

STL-Connecticut

ROUX CHAIN OF CUSTODY

№ 09582Y

ROUX ASSOCIATES, INC.
Environmental Consulting & Management
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ISLANDIA, NEW YORK 11749-5074
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ANALYSES — PAGE 1 OF 2

"PASSED RAD SCREEN"

PROJECT NAME	PROJECT NUMBER
THYPIN. OU-2	771014

PROJECT LOCATION: MANORHAVEN, NEW YORK

PROJECT MANAGER	SAMPLER(S)
C. PROCE	WM

SAMPLE DESIGNATION / LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	8260 - VOCs	TOTAL BOTTLES	NOTES
OSB-1/10 (12)	11/14/05	930	AQ	X	2	
OSB-1/20 (13)	11/14/05	1120	AQ	X	2	
OSB-1/30 (14)	11/14/05	1230	AQ	X	2	
OSB-1/40 (15)	11/14/05	1330	AQ	X	2	#(15) 1-vial has a small bubble
OSB-1/50 (16)	11/14/05	1525	AQ	X	2	
OSB-1/60 (17)	11/15/05	1052	AQ	X		
OSB-2/10 (18)	11/15/05	1250	AQ	X		
OSB-2/20 (19)	11/15/05	1310	AQ	X		
OSB-2/30 (20)	11/15/05	1330	AQ	X		
OSB-2/40 "	11/15/05	1400	AQ	X	2	
OSB-2/50 "	11/15/05	1420	AQ	X	2	
OSB-2/00 "	11/16/05	0915	AQ	X	2	

1,5°

KB 11/23/05

211450
ROUX ASSOCIATES
CHRIS PROCE
THYPIN OU-2
12/04/2005

RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
[signature]	Roux Assoc.	11/16/05	1200	(Y) OR N	Richard Vrel	STL	11/18/05	1321	(Y) OR N
RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
					Richard L Ford	STL	11/18/05	1917	(Y) OR N

DELIVERY METHOD: COURIER

ANALYTICAL LABORATORY: STL CONNECTICUT

COMMENTS

CHAINOF.CDR 12AUG98

project1 | Job Sample Receipt Checklist Report | V2

Job Number.: 211450 Location.: 57207 Check List Number.: 1 Description.:
Customer Job ID.....: Job Check List Date.: Date of the Report..: 11/23/2005
Project Number.: 20001753 Project Description.: Thypin OU-2 Project Manager.....: jmd
Customer.....: ROUX ASSOCIATES Contact.: Chris Proce

Questions ?	(Y/N)	Comments
Chain-of-Custody Present?.....	Y	
.. If "yes", completed properly?.....	Y	
Custody seal on shipping container?.....	Y	
. .If "yes", custody seal intact?.....	Y	
Custody seals on sample containers?.....	N	
...If "yes", custody seal intact?.....		
Samples iced?.....	Y	
Temperature of cooler acceptable? (4 deg C +/- 2).	Y	1.5C
Samples received intact (good condition)?.....	Y	
Volatile samples acceptable? (no headspace).....	N	#15 1-VIAL HAS A SMALL BUBBLE
Correct containers used?.....	Y	
Adequate sample volume provided?.....	Y	
Samples preserved correctly?.....		
Samples received within holding-time?.....	Y	
Agreement between COC and sample labels?.....	Y	
Radioactivity at or below background levels?.....	Y	
A Sample Discrepancy Report (SDR) was needed?.....	N	
Comments.....		
If samples were shipped was there an air bill #?..	N	STL COURIER
Sample Custodian Signature/Date.....		KBlum 11/23/05

Page 1

STL-Connecticut

STL - Connecticut
Internal Chain-of-Custody

211450

12/04/2005

ROUX ASSOCIATES
CHRIS PROCE
THYPIN OU-2

Trip Blank: —

QC: — Air: —

FB: —

Soil: — Water: 01-20

Date Received: 11/23/05

Sample #s: 01-20

Locations: R35X

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date	Time
1-2	VB	[illegible]	11/23	15:00	VOH	[illegible]			
7-11, 14-20	VB	[illegible]	11/28	14:00	VOH	[illegible]			

STL Form# SMF00507.CT

SDG NARRATIVE

STL Report : 211450
ROUX ASSOCIATES, INC.

Case Narrative

Sample Receipt – All samples were received in good condition and at the proper temperature.
One VOA vial for sample OSB-1/40 was received with headspace and was not used for analysis.

Volatile Organics – Volatile organics were determined by purge and trap GC/MS using guidance provided in Method 5030B/8260B. All samples met criteria by method 8260B and STL/CT 8260 Standard Operating Procedure.

Below are the steps the laboratory took to ensure compliance to the method.

The spike compound percent recoveries were within the laboratory generated guidelines in the independent source quality control samples except for carbon disulfide in 58070-2LCS, 58139-2LCS, 58216-2LCS and 58249-2LCS.

The spike recovery for the compound, trichloroethene and styrene, was above QC limits in OSB-3/30MS and styrene in OSB-3/30MSB and trichloroethene and styrene in OSB-3/30MSD.

The following samples were analyzed at dilutions for high targets:

Sample ID	Dilution
OSB-3/30DL	1:4
OSB-3/40DL	1:10
OSB-3/60DL	1:5
OSB-1/20DL	1:10
OSB-1/30DL	1:100
OSB-1/40DL	1:10
OSB-2/30DL	1:4

Sample Calculation:

Sample ID-OSB-3/10
Compound-Methylene Chloride

$$\frac{(3675 \text{ area})(125\text{ng})(1)}{(536620 \text{ area})(.381 \text{ area/ng})(5\text{ml})} = .449 = .45 \text{ ug/L.}$$

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.

I certify that this data package is in compliance with the terms and conditions of this 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 diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Cheryl A. Cascella for

Peter Frick
Laboratory Director

Dec 14, 2005
Date

STL Burlington
Colchester, Vermont

Sample Data Summary Package

SDG: 112697

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

February 28, 2006

Mr. Chris Proce
Roux Associates
1377 Motor Parkway
Islandia, NY 11749

Re: Laboratory Project No. 26000
Case: 26000; SDG: 112697

Dear Mr. Proce:

Enclosed are the analytical results for the samples that were received by STL Burlington on February 20th, 2006. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 02/20/06 ETR No: 112697		
658264	SG-5	02/15/06	Air
658265	SG-4	02/15/06	Air
658266	SG-6	02/15/06	Air
658267	SG-1	02/16/06	Air
658268	SG-2	02/16/06	Air
658269	SG-3	02/16/06	Air
658270	DUPLICATE	02/16/06	Air
658271	FIELD BLANK		Air

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

Method TO-15 – Volatile Organics:
The original analyses of the field samples were accomplished at a dilution in order to provide quantification of all target analytes within the calibrated range of instrument response. The results of the original analysis exhibited concentrations of the target compound Acetone that exceeded the calibration range. Consequently, a dilution analysis was performed for these samples and yielded results that were within the calibration range of the instrument. Both sets of data have been presented in this case submittal.

Manual integration was employed in deriving certain of the analytical results. The values that have been derived from manual integration are qualified on the quantitation reports, and extracted ion current profiles are included in the data package.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 655-1203.

Sincerely,

Ron Pentkowski
Project Manager

Enclosure

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FAKE LCS

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: FAKELCS

Date Analyzed: 02/23/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.9		0.20	69		1.4
Chloromethane	74-87-3	10		0.50	21		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	11		0.50	29		1.3
Bromoethene	593-60-2	9.3		0.20	41		0.87
Trichlorofluoromethane	75-69-4	10		0.20	56		1.1
Freon TF	76-13-1	8.6		0.20	66		1.5
1,1-Dichloroethene	75-35-4	8.6		0.20	34		0.79
Acetone	67-64-1	11		5.0	26		12
Isopropyl Alcohol	67-63-0	8.9		5.0	22		12
Carbon Disulfide	75-15-0	8.9		0.50	28		1.6
3-Chloropropene	107-05-1	9.8		0.50	31		1.6
Methylene Chloride	75-09-2	9.2		0.50	32		1.7
tert-Butyl Alcohol	75-65-0	9.2		5.0	28		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.1		0.20	36		0.79
n-Hexane	110-54-3	10		0.50	35		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
1,2-Dichloroethene (total)	540-59-0	18		0.20	71		0.79
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.0		0.20	36		0.79
Tetrahydrofuran	109-99-9	9.5		5.0	28		15
Chloroform	67-66-3	9.2		0.20	45		0.98
1,1,1-Trichloroethane	71-55-6	9.4		0.20	51		1.1
Cyclohexane	110-82-7	9.5		0.20	33		0.69
Carbon Tetrachloride	56-23-5	9.2		0.20	58		1.3
2,2,4-Trimethylpentane	540-84-1	9.7		0.20	45		0.93
Benzene	71-43-2	9.0		0.20	29		0.64
1,2-Dichloroethane	107-06-2	9.3		0.20	38		0.81
n-Heptane	142-82-5	9.7		0.20	40		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FAKE LCS

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: FAKELCS

Date Analyzed: 02/23/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	9.1		0.20	49		1.1
1,2-Dichloropropane	78-87-5	9.4		0.20	43		0.92
1,4-Dioxane	123-91-1	7.9		5.0	28		18
Bromodichloromethane	75-27-4	9.2		0.20	62		1.3
cis-1,3-Dichloropropene	10061-01-5	9.7		0.20	44		0.91
Methyl Isobutyl Ketone	108-10-1	11		0.50	45		2.0
Toluene	108-88-3	9.2		0.20	35		0.75
trans-1,3-Dichloropropene	10061-02-6	9.6		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.7		0.20	53		1.1
Tetrachloroethene	127-18-4	8.9		0.20	60		1.4
Methyl Butyl Ketone	591-78-6	11		0.50	45		2.0
Dibromochloromethane	124-48-1	9.5		0.20	81		1.7
1,2-Dibromoethane	106-93-4	9.5		0.20	73		1.5
Chlorobenzene	108-90-7	9.3		0.20	43		0.92
Ethylbenzene	100-41-4	9.3		0.20	40		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.8		0.20	43		0.87
Xylene (total)	1330-20-7	30		0.20	130		0.87
Styrene	100-42-5	10		0.20	43		0.85
Bromoform	75-25-2	9.7		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.4		0.20	65		1.4
4-Ethyltoluene	622-96-8	9.8		0.20	48		0.98
1,3,5-Trimethylbenzene	108-67-8	9.8		0.20	48		0.98
2-Chlorotoluene	95-49-8	9.7		0.20	50		1.0
1,2,4-Trimethylbenzene	95-63-6	9.8		0.20	48		0.98
1,3-Dichlorobenzene	541-73-1	9.0		0.20	54		1.2
1,4-Dichlorobenzene	106-46-7	9.0		0.20	54		1.2
1,2-Dichlorobenzene	95-50-1	9.3		0.20	56		1.2
1,2,4-Trichlorobenzene	120-82-1	7.7		0.50	57		3.7
Hexachlorobutadiene	87-68-3	8.3		0.20	89		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FAKE LCSD

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: FAKELCS

Date Analyzed: 02/23/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	10		0.20	70		1.4
Chloromethane	74-87-3	11		0.50	23		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	11		0.50	29		1.3
Bromoethene	593-60-2	9.0		0.20	39		0.87
Trichlorofluoromethane	75-69-4	10		0.20	56		1.1
Freon TF	76-13-1	8.6		0.20	66		1.5
1,1-Dichloroethene	75-35-4	8.5		0.20	34		0.79
Acetone	67-64-1	11		5.0	26		12
Isopropyl Alcohol	67-63-0	8.9		5.0	22		12
Carbon Disulfide	75-15-0	9.0		0.50	28		1.6
3-Chloropropene	107-05-1	10		0.50	31		1.6
Methylene Chloride	75-09-2	9.4		0.50	33		1.7
tert-Butyl Alcohol	75-65-0	9.3		5.0	28		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	9.2		0.20	36		0.79
n-Hexane	110-54-3	10		0.50	35		1.8
1,1-Dichloroethane	75-34-3	9.5		0.20	38		0.81
1,2-Dichloroethene (total)	540-59-0	18		0.20	71		0.79
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.1		0.20	36		0.79
Tetrahydrofuran	109-99-9	9.7		5.0	29		15
Chloroform	67-66-3	9.3		0.20	45		0.98
1,1,1-Trichloroethane	71-55-6	9.5		0.20	52		1.1
Cyclohexane	110-82-7	9.6		0.20	33		0.69
Carbon Tetrachloride	56-23-5	9.2		0.20	58		1.3
2,2,4-Trimethylpentane	540-84-1	9.9		0.20	46		0.93
Benzene	71-43-2	9.2		0.20	29		0.64
1,2-Dichloroethane	107-06-2	9.5		0.20	38		0.81
n-Heptane	142-82-5	9.8		0.20	40		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FAKE LCSD

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: FAKELCS

Date Analyzed: 02/23/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	9.2		0.20	49		1.1
1,2-Dichloropropane	78-87-5	9.5		0.20	44		0.92
1,4-Dioxane	123-91-1	8.0		5.0	29		18
Bromodichloromethane	75-27-4	9.3		0.20	62		1.3
cis-1,3-Dichloropropene	10061-01-5	9.9		0.20	45		0.91
Methyl Isobutyl Ketone	108-10-1	11		0.50	45		2.0
Toluene	108-88-3	9.3		0.20	35		0.75
trans-1,3-Dichloropropene	10061-02-6	9.9		0.20	45		0.91
1,1,2-Trichloroethane	79-00-5	9.9		0.20	54		1.1
Tetrachloroethene	127-18-4	9.1		0.20	62		1.4
Methyl Butyl Ketone	591-78-6	11		0.50	45		2.0
Dibromochloromethane	124-48-1	9.7		0.20	83		1.7
1,2-Dibromoethane	106-93-4	9.6		0.20	74		1.5
Chlorobenzene	108-90-7	9.4		0.20	43		0.92
Ethylbenzene	100-41-4	9.4		0.20	41		0.87
Xylene (m,p)	1330-20-7	20		0.50	87		2.2
Xylene (o)	95-47-6	10		0.20	43		0.87
Xylene (total)	1330-20-7	30		0.20	130		0.87
Styrene	100-42-5	11		0.20	47		0.85
Bromoform	75-25-2	10		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.6		0.20	66		1.4
4-Ethyltoluene	622-96-8	9.5		0.20	47		0.98
1,3,5-Trimethylbenzene	108-67-8	11		0.20	54		0.98
2-Chlorotoluene	95-49-8	10		0.20	52		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	9.2		0.20	55		1.2
1,4-Dichlorobenzene	106-46-7	9.3		0.20	56		1.2
1,2-Dichlorobenzene	95-50-1	9.5		0.20	57		1.2
1,2,4-Trichlorobenzene	120-82-1	7.9		0.50	59		3.7
Hexachlorobutadiene	87-68-3	8.4		0.20	90		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FAKF LCS

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: FAKFLCS

Date Analyzed: 02/24/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.7		0.20	68		1.4
Chloromethane	74-87-3	9.8		0.50	20		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	11		0.20	43		0.78
Chloroethane	75-00-3	12		0.50	32		1.3
Bromoethene	593-60-2	9.5		0.20	42		0.87
Trichlorofluoromethane	75-69-4	10		0.20	56		1.1
Freon TF	76-13-1	8.7		0.20	67		1.5
1,1-Dichloroethene	75-35-4	8.6		0.20	34		0.79
Acetone	67-64-1	11		5.0	26		12
Isopropyl Alcohol	67-63-0	8.4		5.0	21		12
Carbon Disulfide	75-15-0	9.1		0.50	28		1.6
3-Chloropropene	107-05-1	10		0.50	31		1.6
Methylene Chloride	75-09-2	9.5		0.50	33		1.7
tert-Butyl Alcohol	75-65-0	8.8		5.0	27		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	9.3		0.20	37		0.79
n-Hexane	110-54-3	10		0.50	35		1.8
1,1-Dichloroethane	75-34-3	9.6		0.20	39		0.81
1,2-Dichloroethene (total)	540-59-0	18		0.20	71		0.79
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.1		0.20	36		0.79
Tetrahydrofuran	109-99-9	9.7		5.0	29		15
Chloroform	67-66-3	9.4		0.20	46		0.98
1,1,1-Trichloroethane	71-55-6	9.5		0.20	52		1.1
Cyclohexane	110-82-7	9.7		0.20	33		0.69
Carbon Tetrachloride	56-23-5	9.4		0.20	59		1.3
2,2,4-Trimethylpentane	540-84-1	9.9		0.20	46		0.93
Benzene	71-43-2	9.1		0.20	29		0.64
1,2-Dichloroethane	107-06-2	9.5		0.20	38		0.81
n-Heptane	142-82-5	9.9		0.20	41		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FAKF LCS

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: FAKFLCS

Date Analyzed: 02/24/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	9.2		0.20	49		1.1
1,2-Dichloropropane	78-87-5	9.5		0.20	44		0.92
1,4-Dioxane	123-91-1	7.5		5.0	27		18
Bromodichloromethane	75-27-4	9.3		0.20	62		1.3
cis-1,3-Dichloropropene	10061-01-5	10		0.20	45		0.91
Methyl Isobutyl Ketone	108-10-1	11		0.50	45		2.0
Toluene	108-88-3	9.5		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.9		0.20	45		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	9.1		0.20	62		1.4
Methyl Butyl Ketone	591-78-6	12		0.50	49		2.0
Dibromochloromethane	124-48-1	9.8		0.20	83		1.7
1,2-Dibromoethane	106-93-4	9.9		0.20	76		1.5
Chlorobenzene	108-90-7	9.6		0.20	44		0.92
Ethylbenzene	100-41-4	9.6		0.20	42		0.87
Xylene (m,p)	1330-20-7	20		0.50	87		2.2
Xylene (o)	95-47-6	10		0.20	43		0.87
Xylene (total)	1330-20-7	30		0.20	130		0.87
Styrene	100-42-5	10		0.20	43		0.85
Bromoform	75-25-2	10		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.6		0.20	66		1.4
4-Ethyltoluene	622-96-8	9.4		0.20	46		0.98
1,3,5-Trimethylbenzene	108-67-8	11		0.20	54		0.98
2-Chlorotoluene	95-49-8	10		0.20	52		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	9.2		0.20	55		1.2
1,4-Dichlorobenzene	106-46-7	9.4		0.20	57		1.2
1,2-Dichlorobenzene	95-50-1	9.4		0.20	57		1.2
1,2,4-Trichlorobenzene	120-82-1	8.0		0.50	59		3.7
Hexachlorobutadiene	87-68-3	8.4		0.20	90		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FAKF LCSD

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: FAKFLCS

Date Analyzed: 02/24/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	10		0.20	70		1.4
Chloromethane	74-87-3	10		0.50	21		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	11		0.50	29		1.3
Bromoethene	593-60-2	9.0		0.20	39		0.87
Trichlorofluoromethane	75-69-4	9.8		0.20	55		1.1
Freon TF	76-13-1	8.5		0.20	65		1.5
1,1-Dichloroethene	75-35-4	8.5		0.20	34		0.79
Acetone	67-64-1	11		5.0	26		12
Isopropyl Alcohol	67-63-0	9.0		5.0	22		12
Carbon Disulfide	75-15-0	9.0		0.50	28		1.6
3-Chloropropene	107-05-1	9.8		0.50	31		1.6
Methylene Chloride	75-09-2	9.3		0.50	32		1.7
tert-Butyl Alcohol	75-65-0	9.1		5.0	28		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.1		0.20	36		0.79
n-Hexane	110-54-3	10		0.50	35		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
1,2-Dichloroethene (total)	540-59-0	18		0.20	71		0.79
Methyl Ethyl Ketone	78-93-3	9.9		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.0		0.20	36		0.79
Tetrahydrofuran	109-99-9	9.4		5.0	28		15
Chloroform	67-66-3	9.1		0.20	44		0.98
1,1,1-Trichloroethane	71-55-6	9.4		0.20	51		1.1
Cyclohexane	110-82-7	9.5		0.20	33		0.69
Carbon Tetrachloride	56-23-5	9.2		0.20	58		1.3
2,2,4-Trimethylpentane	540-84-1	9.8		0.20	46		0.93
Benzene	71-43-2	8.9		0.20	28		0.64
1,2-Dichloroethane	107-06-2	9.2		0.20	37		0.81
n-Heptane	142-82-5	9.7		0.20	40		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FAKF LCSD

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: FAKFLCS

Date Analyzed: 02/24/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	9.1		0.20	49		1.1
1,2-Dichloropropane	78-87-5	9.3		0.20	43		0.92
1,4-Dioxane	123-91-1	7.9		5.0	28		18
Bromodichloromethane	75-27-4	9.1		0.20	61		1.3
cis-1,3-Dichloropropene	10061-01-5	9.6		0.20	44		0.91
Methyl Isobutyl Ketone	108-10-1	11		0.50	45		2.0
Toluene	108-88-3	9.0		0.20	34		0.75
trans-1,3-Dichloropropene	10061-02-6	9.5		0.20	43		0.91
1,1,2-Trichloroethane	79-00-5	9.5		0.20	52		1.1
Tetrachloroethene	127-18-4	8.9		0.20	60		1.4
Methyl Butyl Ketone	591-78-6	11		0.50	45		2.0
Dibromochloromethane	124-48-1	9.4		0.20	80		1.7
1,2-Dibromoethane	106-93-4	9.3		0.20	71		1.5
Chlorobenzene	108-90-7	9.1		0.20	42		0.92
Ethylbenzene	100-41-4	9.1		0.20	40		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.7		0.20	42		0.87
Xylene (total)	1330-20-7	29		0.20	130		0.87
Styrene	100-42-5	10		0.20	43		0.85
Bromoform	75-25-2	9.5		0.20	98		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.1		0.20	62		1.4
4-Ethyltoluene	622-96-8	9.1		0.20	45		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	9.6		0.20	50		1.0
1,2,4-Trimethylbenzene	95-63-6	9.5		0.20	47		0.98
1,3-Dichlorobenzene	541-73-1	8.9		0.20	54		1.2
1,4-Dichlorobenzene	106-46-7	9.1		0.20	55		1.2
1,2-Dichlorobenzene	95-50-1	9.1		0.20	55		1.2
1,2,4-Trichlorobenzene	120-82-1	8.0		0.50	59		3.7
Hexachlorobutadiene	87-68-3	8.0		0.20	85		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK022306FA

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0223

Date Analyzed: 02/23/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene Chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK022306FA

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0223

Date Analyzed: 02/23/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylene (total)	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK022406FA

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0224

Date Analyzed: 02/24/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene Chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK022406FA

Lab Name: STL Burlington

SDG Number: 112697

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0224

Date Analyzed: 02/24/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylene (total)	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified in project QA plan, the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

ROUX CHAIN OF CUSTODY

№ 10284Y

ROUX ASSOCIATES, INC.
Environmental Consulting & Management
209 SHAFTER STREET
ISLANDIA, NEW YORK 11749-5074
(631) 232-2600 FAX: (631) 232-9898

ANALYSES — PAGE 1 OF 1

PROJECT NAME: Thypin - Manorhaven
PROJECT NUMBER: 772101Y
PROJECT LOCATION: Manorhaven, NY
PROJECT MANAGER: C. Proce
SAMPLER(S): J. Hime

SAMPLE DESIGNATION / LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	TO-15					TOTAL BOTTLES	NOTES
SG-5 (can# 2669)	02/15/06	1200	A	1						HOLD
SG-4 (can# 2513)	02/15/06	10:45	A	1						HOLD
SG-6 (can #2571)	02/15/06	11:35	A	1						HOLD
SG-1 (can# 2544)	02/16/06	12:45	A	1						
SG-2 (can # 3272)	02/16/06	12:10	A	1						
SG-3 (can# 2535)	02/16/06	13:29	A	1						
Duplicate (can# 2704)	02/16/06	—	A	1						
Field Blank (can# 3456)	—	—	A	1						

RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
	Roux	02/16/06	1800				2/17/06	8:30	
RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
							2/20/06	0845	

DELIVERY METHOD: Pick-up
ANALYTICAL LABORATORY: STL

COMMENTS

CHAINOF.CDR 12AUG98

SEVERN TRENT STL

METHOD TO-15

SAMPLE DATA SUMMARY PACKAGE

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

DUPLICATE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658270

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658270

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.58	
76-14-2	1,2-Dichlorotetrafluoroethan	0.16	U
74-87-3	Chloromethane	0.40	U
75-01-4	Vinyl Chloride	0.16	U
106-99-0	1,3-Butadiene	0.69	
74-83-9	Bromomethane	0.16	U
75-00-3	Chloroethane	0.40	U
593-60-2	Bromoethene	0.16	U
75-69-4	Trichlorofluoromethane	0.25	
76-13-1	Freon TF	0.16	U
75-35-4	1,1-Dichloroethene	0.16	U
67-64-1	Acetone	41	E
67-63-0	Isopropyl Alcohol	4.0	U
75-15-0	Carbon Disulfide	0.44	
107-05-1	3-Chloropropene	0.40	U
75-09-2	Methylene Chloride	0.40	U
75-65-0	tert-Butyl Alcohol	4.0	U
1634-04-4	Methyl tert-Butyl Ether	0.40	U
156-60-5	trans-1,2-Dichloroethene	0.16	U
110-54-3	n-Hexane	0.40	U
75-34-3	1,1-Dichloroethane	0.16	U
540-59-0	1,2-Dichloroethene (total)	0.16	U
78-93-3	Methyl Ethyl Ketone	1.2	
156-59-2	cis-1,2-Dichloroethene	0.16	U
109-99-9	Tetrahydrofuran	4.0	U
67-66-3	Chloroform	0.16	U
71-55-6	1,1,1-Trichloroethane	0.16	U
110-82-7	Cyclohexane	0.19	
56-23-5	Carbon Tetrachloride	0.16	U
540-84-1	2,2,4-Trimethylpentane	0.47	
71-43-2	Benzene	0.32	
107-06-2	1,2-Dichloroethane	0.16	U
142-82-5	n-Heptane	0.25	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

DUPLICATE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658270

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658270

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.28	
78-87-5	1,2-Dichloropropane	0.16	U
123-91-1	1,4-Dioxane	4.0	U
75-27-4	Bromodichloromethane	0.16	U
10061-01-5	cis-1,3-Dichloropropene	0.16	U
108-10-1	Methyl Isobutyl Ketone	0.40	U
108-88-3	Toluene	1.3	
10061-02-6	trans-1,3-Dichloropropene	0.16	U
79-00-5	1,1,2-Trichloroethane	0.16	U
127-18-4	Tetrachloroethene	6.6	
591-78-6	Methyl Butyl Ketone	0.40	U
124-48-1	Dibromochloromethane	0.16	U
106-93-4	1,2-Dibromoethane	0.16	U
108-90-7	Chlorobenzene	0.16	U
100-41-4	Ethylbenzene	0.50	
1330-20-7	Xylene (m,p)	1.7	
95-47-6	Xylene (o)	0.91	
1330-20-7	Xylene (total)	2.7	
100-42-5	Styrene	0.44	
75-25-2	Bromoform	0.16	U
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8	4-Ethyltoluene	0.43	
108-67-8	1,3,5-Trimethylbenzene	0.17	
95-49-8	2-Chlorotoluene	0.16	U
95-63-6	1,2,4-Trimethylbenzene	0.47	
541-73-1	1,3-Dichlorobenzene	0.16	U
106-46-7	1,4-Dichlorobenzene	0.16	U
95-50-1	1,2-Dichlorobenzene	0.16	U
120-82-1	1,2,4-Trichlorobenzene	0.40	U
87-68-3	Hexachlorobutadiene	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

DUPLICATEDL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658270D1

Sample wt/vol: 133.0 (g/mL) ML Lab File ID: 658270D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.5

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.75	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.30	U
74-87-3	Chloromethane	0.75	U
75-01-4	Vinyl Chloride	0.30	U
106-99-0	1,3-Butadiene	0.91	D
74-83-9	Bromomethane	0.30	U
75-00-3	Chloroethane	0.75	U
593-60-2	Bromoethene	0.30	U
75-69-4	Trichlorofluoromethane	0.30	U
76-13-1	Freon TF	0.30	U
75-35-4	1,1-Dichloroethene	0.30	U
67-64-1	Acetone	41	D
67-63-0	Isopropyl Alcohol	7.5	U
75-15-0	Carbon Disulfide	0.75	U
107-05-1	3-Chloropropene	0.75	U
75-09-2	Methylene Chloride	0.75	U
75-65-0	tert-Butyl Alcohol	7.5	U
1634-04-4	Methyl tert-Butyl Ether	0.75	U
156-60-5	trans-1,2-Dichloroethene	0.30	U
110-54-3	n-Hexane	0.75	U
75-34-3	1,1-Dichloroethane	0.30	U
540-59-0	1,2-Dichloroethene (total)	0.30	U
78-93-3	Methyl Ethyl Ketone	1.1	D
156-59-2	cis-1,2-Dichloroethene	0.30	U
109-99-9	Tetrahydrofuran	7.5	U
67-66-3	Chloroform	0.30	U
71-55-6	1,1,1-Trichloroethane	0.30	U
110-82-7	Cyclohexane	0.30	U
56-23-5	Carbon Tetrachloride	0.30	U
540-84-1	2,2,4-Trimethylpentane	0.37	D
71-43-2	Benzene	0.30	U
107-06-2	1,2-Dichloroethane	0.30	U
142-82-5	n-Heptane	0.30	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

DUPLICATEDL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658270D1

Sample wt/vol: 133.0 (g/mL) ML Lab File ID: 658270D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.5

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.30	U
78-87-5	1,2-Dichloropropane	0.30	U
123-91-1	1,4-Dioxane	7.5	U
75-27-4	Bromodichloromethane	0.30	U
10061-01-5	cis-1,3-Dichloropropene	0.30	U
108-10-1	Methyl Isobutyl Ketone	0.75	U
108-88-3	Toluene	1.0	D
10061-02-6	trans-1,3-Dichloropropene	0.30	U
79-00-5	1,1,2-Trichloroethane	0.30	U
127-18-4	Tetrachloroethene	5.6	D
591-78-6	Methyl Butyl Ketone	0.75	U
124-48-1	Dibromochloromethane	0.30	U
106-93-4	1,2-Dibromoethane	0.30	U
108-90-7	Chlorobenzene	0.30	U
100-41-4	Ethylbenzene	0.42	D
1330-20-7	Xylene (m,p)	1.5	D
95-47-6	Xylene (o)	0.79	D
1330-20-7	Xylene (total)	2.4	D
100-42-5	Styrene	0.40	D
75-25-2	Bromoform	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U
622-96-8	4-Ethyltoluene	0.38	D
108-67-8	1,3,5-Trimethylbenzene	0.30	U
95-49-8	2-Chlorotoluene	0.30	U
95-63-6	1,2,4-Trimethylbenzene	0.43	D
541-73-1	1,3-Dichlorobenzene	0.30	U
106-46-7	1,4-Dichlorobenzene	0.30	U
95-50-1	1,2-Dichlorobenzene	0.30	U
120-82-1	1,2,4-Trichlorobenzene	0.75	U
87-68-3	Hexachlorobutadiene	0.30	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

FIELD BLANK

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658271

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658271

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.40	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.16	U
74-87-3	Chloromethane	0.40	U
75-01-4	Vinyl Chloride	0.16	U
106-99-0	1,3-Butadiene	0.40	U
74-83-9	Bromomethane	0.16	U
75-00-3	Chloroethane	0.40	U
593-60-2	Bromoethene	0.16	U
75-69-4	Trichlorofluoromethane	0.16	U
76-13-1	Freon TF	0.16	U
75-35-4	1,1-Dichloroethene	0.16	U
67-64-1	Acetone	4.0	U
67-63-0	Isopropyl Alcohol	4.0	U
75-15-0	Carbon Disulfide	0.40	U
107-05-1	3-Chloropropene	0.40	U
75-09-2	Methylene Chloride	0.40	U
75-65-0	tert-Butyl Alcohol	4.0	U
1634-04-4	Methyl tert-Butyl Ether	0.40	U
156-60-5	trans-1,2-Dichloroethene	0.16	U
110-54-3	n-Hexane	0.40	U
75-34-3	1,1-Dichloroethane	0.16	U
540-59-0	1,2-Dichloroethene (total)	0.16	U
78-93-3	Methyl Ethyl Ketone	0.40	U
156-59-2	cis-1,2-Dichloroethene	0.16	U
109-99-9	Tetrahydrofuran	4.0	U
67-66-3	Chloroform	0.16	U
71-55-6	1,1,1-Trichloroethane	0.16	U
110-82-7	Cyclohexane	0.16	U
56-23-5	Carbon Tetrachloride	0.16	U
540-84-1	2,2,4-Trimethylpentane	0.16	U
71-43-2	Benzene	0.16	U
107-06-2	1,2-Dichloroethane	0.16	U
142-82-5	n-Heptane	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

FIELD BLANK

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658271

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658271

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.16	U
78-87-5	1,2-Dichloropropane	0.16	U
123-91-1	1,4-Dioxane	4.0	U
75-27-4	Bromodichloromethane	0.16	U
10061-01-5	cis-1,3-Dichloropropene	0.16	U
108-10-1	Methyl Isobutyl Ketone	0.40	U
108-88-3	Toluene	0.16	U
10061-02-6	trans-1,3-Dichloropropene	0.16	U
79-00-5	1,1,2-Trichloroethane	0.16	U
127-18-4	Tetrachloroethene	0.16	U
591-78-6	Methyl Butyl Ketone	0.40	U
124-48-1	Dibromochloromethane	0.16	U
106-93-4	1,2-Dibromoethane	0.16	U
108-90-7	Chlorobenzene	0.16	U
100-41-4	Ethylbenzene	0.16	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.16	U
1330-20-7	Xylene (total)	0.16	U
100-42-5	Styrene	0.16	U
75-25-2	Bromoform	0.16	U
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8	4-Ethyltoluene	0.16	U
108-67-8	1,3,5-Trimethylbenzene	0.16	U
95-49-8	2-Chlorotoluene	0.16	U
95-63-6	1,2,4-Trimethylbenzene	0.16	U
541-73-1	1,3-Dichlorobenzene	0.16	U
106-46-7	1,4-Dichlorobenzene	0.16	U
95-50-1	1,2-Dichlorobenzene	0.16	U
120-82-1	1,2,4-Trichlorobenzene	0.40	U
87-68-3	Hexachlorobutadiene	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-1

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658267

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658267

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.73	
76-14-2	1,2-Dichlorotetrafluoroethan	0.16	U
74-87-3	Chloromethane	0.40	U
75-01-4	Vinyl Chloride	0.16	U
106-99-0	1,3-Butadiene	1.9	
74-83-9	Bromomethane	0.16	U
75-00-3	Chloroethane	0.40	U
593-60-2	Bromoethene	0.16	U
75-69-4	Trichlorofluoromethane	0.27	
76-13-1	Freon TF	0.16	U
75-35-4	1,1-Dichloroethene	0.16	U
67-64-1	Acetone	39	E
67-63-0	Isopropyl Alcohol	4.0	U
75-15-0	Carbon Disulfide	0.94	
107-05-1	3-Chloropropene	0.40	U
75-09-2	Methylene Chloride	0.40	U
75-65-0	tert-Butyl Alcohol	4.0	U
1634-04-4	Methyl tert-Butyl Ether	0.40	U
156-60-5	trans-1,2-Dichloroethene	0.16	U
110-54-3	n-Hexane	0.44	
75-34-3	1,1-Dichloroethane	0.16	U
540-59-0	1,2-Dichloroethene (total)	0.16	U
78-93-3	Methyl Ethyl Ketone	1.6	
156-59-2	cis-1,2-Dichloroethene	0.16	U
109-99-9	Tetrahydrofuran	4.0	U
67-66-3	Chloroform	0.16	U
71-55-6	1,1,1-Trichloroethane	0.16	U
110-82-7	Cyclohexane	0.19	
56-23-5	Carbon Tetrachloride	0.16	U
540-84-1	2,2,4-Trimethylpentane	0.92	
71-43-2	Benzene	0.42	
107-06-2	1,2-Dichloroethane	0.16	U
142-82-5	n-Heptane	0.38	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-1

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658267

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658267

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.32	
78-87-5	1,2-Dichloropropane	0.16	U
123-91-1	1,4-Dioxane	4.0	U
75-27-4	Bromodichloromethane	0.16	U
10061-01-5	cis-1,3-Dichloropropene	0.16	U
108-10-1	Methyl Isobutyl Ketone	0.40	U
108-88-3	Toluene	1.3	
10061-02-6	trans-1,3-Dichloropropene	0.16	U
79-00-5	1,1,2-Trichloroethane	0.16	U
127-18-4	Tetrachloroethene	6.1	
591-78-6	Methyl Butyl Ketone	0.40	U
124-48-1	Dibromochloromethane	0.16	U
106-93-4	1,2-Dibromoethane	0.16	U
108-90-7	Chlorobenzene	0.16	U
100-41-4	Ethylbenzene	0.48	
1330-20-7	Xylene (m,p)	1.8	
95-47-6	Xylene (o)	0.94	
1330-20-7	Xylene (total)	2.8	
100-42-5	Styrene	0.42	
75-25-2	Bromoform	0.16	U
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8	4-Ethyltoluene	0.45	
108-67-8	1,3,5-Trimethylbenzene	0.18	
95-49-8	2-Chlorotoluene	0.16	U
95-63-6	1,2,4-Trimethylbenzene	0.53	
541-73-1	1,3-Dichlorobenzene	0.16	U
106-46-7	1,4-Dichlorobenzene	0.16	U
95-50-1	1,2-Dichlorobenzene	0.16	U
120-82-1	1,2,4-Trichlorobenzene	0.40	U
87-68-3	Hexachlorobutadiene	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-1DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658267D1

Sample wt/vol: 133.0 (g/mL) ML Lab File ID: 658267D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.5

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.75	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.30	U
74-87-3	Chloromethane	0.75	U
75-01-4	Vinyl Chloride	0.30	U
106-99-0	1,3-Butadiene	1.9	D
74-83-9	Bromomethane	0.30	U
75-00-3	Chloroethane	0.75	U
593-60-2	Bromoethene	0.30	U
75-69-4	Trichlorofluoromethane	0.30	U
76-13-1	Freon TF	0.30	U
75-35-4	1,1-Dichloroethene	0.30	U
67-64-1	Acetone	38	D
67-63-0	Isopropyl Alcohol	7.5	U
75-15-0	Carbon Disulfide	0.93	D
107-05-1	3-Chloropropene	0.75	U
75-09-2	Methylene Chloride	0.75	U
75-65-0	tert-Butyl Alcohol	7.5	U
1634-04-4	Methyl tert-Butyl Ether	0.75	U
156-60-5	trans-1,2-Dichloroethene	0.30	U
110-54-3	n-Hexane	0.75	U
75-34-3	1,1-Dichloroethane	0.30	U
540-59-0	1,2-Dichloroethene (total)	0.30	U
78-93-3	Methyl Ethyl Ketone	1.5	D
156-59-2	cis-1,2-Dichloroethene	0.30	U
109-99-9	Tetrahydrofuran	7.5	U
67-66-3	Chloroform	0.30	U
71-55-6	1,1,1-Trichloroethane	0.30	U
110-82-7	Cyclohexane	0.30	U
56-23-5	Carbon Tetrachloride	0.30	U
540-84-1	2,2,4-Trimethylpentane	0.73	D
71-43-2	Benzene	0.35	D
107-06-2	1,2-Dichloroethane	0.30	U
142-82-5	n-Heptane	0.35	D

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-1DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658267D1

Sample wt/vol: 133.0 (g/mL) ML Lab File ID: 658267D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.5

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.30	U
78-87-5	1,2-Dichloropropane	0.30	U
123-91-1	1,4-Dioxane	7.5	U
75-27-4	Bromodichloromethane	0.30	U
10061-01-5	cis-1,3-Dichloropropene	0.30	U
108-10-1	Methyl Isobutyl Ketone	0.75	U
108-88-3	Toluene	1.1	D
10061-02-6	trans-1,3-Dichloropropene	0.30	U
79-00-5	1,1,2-Trichloroethane	0.30	U
127-18-4	Tetrachloroethene	5.3	D
591-78-6	Methyl Butyl Ketone	0.75	U
124-48-1	Dibromochloromethane	0.30	U
106-93-4	1,2-Dibromoethane	0.30	U
108-90-7	Chlorobenzene	0.30	U
100-41-4	Ethylbenzene	0.44	D
1330-20-7	Xylene (m,p)	1.6	D
95-47-6	Xylene (o)	0.86	D
1330-20-7	Xylene (total)	2.5	D
100-42-5	Styrene	0.35	D
75-25-2	Bromoform	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U
622-96-8	4-Ethyltoluene	0.39	D
108-67-8	1,3,5-Trimethylbenzene	0.30	U
95-49-8	2-Chlorotoluene	0.30	U
95-63-6	1,2,4-Trimethylbenzene	0.46	D
541-73-1	1,3-Dichlorobenzene	0.30	U
106-46-7	1,4-Dichlorobenzene	0.30	U
95-50-1	1,2-Dichlorobenzene	0.30	U
120-82-1	1,2,4-Trichlorobenzene	0.75	U
87-68-3	Hexachlorobutadiene	0.30	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-2

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658268

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658268

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	3.9	
76-14-2	1,2-Dichlorotetrafluoroethan	0.16	U
74-87-3	Chloromethane	0.40	U
75-01-4	Vinyl Chloride	0.16	U
106-99-0	1,3-Butadiene	2.3	
74-83-9	Bromomethane	0.16	U
75-00-3	Chloroethane	0.40	U
593-60-2	Bromoethene	0.16	U
75-69-4	Trichlorofluoromethane	0.77	
76-13-1	Freon TF	0.16	U
75-35-4	1,1-Dichloroethene	0.16	U
67-64-1	Acetone	47	E
67-63-0	Isopropyl Alcohol	4.0	U
75-15-0	Carbon Disulfide	1.1	
107-05-1	3-Chloropropene	0.40	U
75-09-2	Methylene Chloride	0.40	U
75-65-0	tert-Butyl Alcohol	4.0	U
1634-04-4	Methyl tert-Butyl Ether	0.40	U
156-60-5	trans-1,2-Dichloroethene	0.16	U
110-54-3	n-Hexane	0.43	
75-34-3	1,1-Dichloroethane	0.16	U
540-59-0	1,2-Dichloroethene (total)	0.16	U
78-93-3	Methyl Ethyl Ketone	4.1	
156-59-2	cis-1,2-Dichloroethene	0.16	U
109-99-9	Tetrahydrofuran	4.0	U
67-66-3	Chloroform	1.5	
71-55-6	1,1,1-Trichloroethane	0.33	
110-82-7	Cyclohexane	0.30	
56-23-5	Carbon Tetrachloride	14	
540-84-1	2,2,4-Trimethylpentane	0.93	
71-43-2	Benzene	0.66	
107-06-2	1,2-Dichloroethane	0.16	U
142-82-5	n-Heptane	0.36	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-2

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658268

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658268

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.16	U
78-87-5	1,2-Dichloropropane	0.16	U
123-91-1	1,4-Dioxane	4.0	U
75-27-4	Bromodichloromethane	0.16	U
10061-01-5	cis-1,3-Dichloropropene	0.16	U
108-10-1	Methyl Isobutyl Ketone	0.40	U
108-88-3	Toluene	2.2	
10061-02-6	trans-1,3-Dichloropropene	0.16	U
79-00-5	1,1,2-Trichloroethane	0.16	U
127-18-4	Tetrachloroethene	1.9	
591-78-6	Methyl Butyl Ketone	0.40	U
124-48-1	Dibromochloromethane	0.16	U
106-93-4	1,2-Dibromoethane	0.16	U
108-90-7	Chlorobenzene	0.16	U
100-41-4	Ethylbenzene	0.74	
1330-20-7	Xylene (m,p)	2.7	
95-47-6	Xylene (o)	1.3	
1330-20-7	Xylene (total)	4.0	
100-42-5	Styrene	0.57	
75-25-2	Bromoform	0.16	U
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8	4-Ethyltoluene	0.49	
108-67-8	1,3,5-Trimethylbenzene	0.20	
95-49-8	2-Chlorotoluene	0.16	U
95-63-6	1,2,4-Trimethylbenzene	0.54	
541-73-1	1,3-Dichlorobenzene	0.16	U
106-46-7	1,4-Dichlorobenzene	0.16	U
95-50-1	1,2-Dichlorobenzene	0.16	U
120-82-1	1,2,4-Trichlorobenzene	0.40	U
87-68-3	Hexachlorobutadiene	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-2DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658268D1

Sample wt/vol: 125.0 (g/mL) ML Lab File ID: 658268D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.6

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	4.4	D
76-14-2	1,2-Dichlorotetrafluoroethan	0.32	U
74-87-3	Chloromethane	0.80	U
75-01-4	Vinyl Chloride	0.32	U
106-99-0	1,3-Butadiene	2.9	D
74-83-9	Bromomethane	0.32	U
75-00-3	Chloroethane	0.80	U
593-60-2	Bromoethene	0.32	U
75-69-4	Trichlorofluoromethane	0.81	D
76-13-1	Freon TF	0.32	U
75-35-4	1,1-Dichloroethene	0.32	U
67-64-1	Acetone	49	D
67-63-0	Isopropyl Alcohol	8.0	U
75-15-0	Carbon Disulfide	1.3	D
107-05-1	3-Chloropropene	0.80	U
75-09-2	Methylene Chloride	0.80	U
75-65-0	tert-Butyl Alcohol	8.0	U
1634-04-4	Methyl tert-Butyl Ether	0.80	U
156-60-5	trans-1,2-Dichloroethene	0.32	U
110-54-3	n-Hexane	0.80	U
75-34-3	1,1-Dichloroethane	0.32	U
540-59-0	1,2-Dichloroethene (total)	0.32	U
78-93-3	Methyl Ethyl Ketone	4.3	D
156-59-2	cis-1,2-Dichloroethene	0.32	U
109-99-9	Tetrahydrofuran	8.0	U
67-66-3	Chloroform	1.5	D
71-55-6	1,1,1-Trichloroethane	0.32	U
110-82-7	Cyclohexane	0.32	U
56-23-5	Carbon Tetrachloride	14	D
540-84-1	2,2,4-Trimethylpentane	0.88	D
71-43-2	Benzene	0.68	D
107-06-2	1,2-Dichloroethane	0.32	U
142-82-5	n-Heptane	0.32	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-2DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658268D1

Sample wt/vol: 125.0 (g/mL) ML Lab File ID: 658268D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.6

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.32	U
78-87-5	1,2-Dichloropropane	0.32	U
123-91-1	1,4-Dioxane	8.0	U
75-27-4	Bromodichloromethane	0.32	U
10061-01-5	cis-1,3-Dichloropropene	0.32	U
108-10-1	Methyl Isobutyl Ketone	0.80	U
108-88-3	Toluene	2.1	D
10061-02-6	trans-1,3-Dichloropropene	0.32	U
79-00-5	1,1,2-Trichloroethane	0.32	U
127-18-4	Tetrachloroethene	1.9	D
591-78-6	Methyl Butyl Ketone	0.80	U
124-48-1	Dibromochloromethane	0.32	U
106-93-4	1,2-Dibromoethane	0.32	U
108-90-7	Chlorobenzene	0.32	U
100-41-4	Ethylbenzene	0.74	D
1330-20-7	Xylene (m,p)	2.6	D
95-47-6	Xylene (o)	1.3	D
1330-20-7	Xylene (total)	4.0	D
100-42-5	Styrene	0.58	D
75-25-2	Bromoform	0.32	U
79-34-5	1,1,2,2-Tetrachloroethane	0.32	U
622-96-8	4-Ethyltoluene	0.50	D
108-67-8	1,3,5-Trimethylbenzene	0.32	U
95-49-8	2-Chlorotoluene	0.32	U
95-63-6	1,2,4-Trimethylbenzene	0.54	D
541-73-1	1,3-Dichlorobenzene	0.32	U
106-46-7	1,4-Dichlorobenzene	0.32	U
95-50-1	1,2-Dichlorobenzene	0.32	U
120-82-1	1,2,4-Trichlorobenzene	0.80	U
87-68-3	Hexachlorobutadiene	0.32	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-3

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658269

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658269

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.58	
76-14-2	1,2-Dichlorotetrafluoroethan	0.16	U
74-87-3	Chloromethane	0.79	
75-01-4	Vinyl Chloride	0.16	U
106-99-0	1,3-Butadiene	6.7	
74-83-9	Bromomethane	0.16	U
75-00-3	Chloroethane	0.40	U
593-60-2	Bromoethene	0.16	U
75-69-4	Trichlorofluoromethane	0.26	
76-13-1	Freon TF	0.16	U
75-35-4	1,1-Dichloroethene	0.16	U
67-64-1	Acetone	340	E
67-63-0	Isopropyl Alcohol	5.8	
75-15-0	Carbon Disulfide	0.80	
107-05-1	3-Chloropropene	0.40	U
75-09-2	Methylene Chloride	0.62	
75-65-0	tert-Butyl Alcohol	6.9	
1634-04-4	Methyl tert-Butyl Ether	0.40	U
156-60-5	trans-1,2-Dichloroethene	0.16	U
110-54-3	n-Hexane	3.2	
75-34-3	1,1-Dichloroethane	0.16	U
540-59-0	1,2-Dichloroethene (total)	0.16	U
78-93-3	Methyl Ethyl Ketone	19	
156-59-2	cis-1,2-Dichloroethene	0.16	U
109-99-9	Tetrahydrofuran	4.0	U
67-66-3	Chloroform	0.16	U
71-55-6	1,1,1-Trichloroethane	0.16	U
110-82-7	Cyclohexane	1.3	
56-23-5	Carbon Tetrachloride	0.16	U
540-84-1	2,2,4-Trimethylpentane	1.2	
71-43-2	Benzene	1.7	
107-06-2	1,2-Dichloroethane	0.16	U
142-82-5	n-Heptane	4.4	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-3

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658269

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658269

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	
78-87-5	1,2-Dichloropropane	0.16	U
123-91-1	1,4-Dioxane	4.0	U
75-27-4	Bromodichloromethane	0.16	U
10061-01-5	cis-1,3-Dichloropropene	0.16	U
108-10-1	Methyl Isobutyl Ketone	1.5	
108-88-3	Toluene	15	
10061-02-6	trans-1,3-Dichloropropene	0.16	U
79-00-5	1,1,2-Trichloroethane	0.16	U
127-18-4	Tetrachloroethene	1.8	
591-78-6	Methyl Butyl Ketone	2.1	
124-48-1	Dibromochloromethane	0.16	U
106-93-4	1,2-Dibromoethane	0.16	U
108-90-7	Chlorobenzene	0.16	U
100-41-4	Ethylbenzene	1.5	
1330-20-7	Xylene (m,p)	4.2	
95-47-6	Xylene (o)	2.2	
1330-20-7	Xylene (total)	6.5	
100-42-5	Styrene	1.2	
75-25-2	Bromoform	0.16	U
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8	4-Ethyltoluene	0.62	
108-67-8	1,3,5-Trimethylbenzene	0.23	
95-49-8	2-Chlorotoluene	0.16	U
95-63-6	1,2,4-Trimethylbenzene	0.62	
541-73-1	1,3-Dichlorobenzene	0.16	U
106-46-7	1,4-Dichlorobenzene	0.16	U
95-50-1	1,2-Dichlorobenzene	0.16	U
120-82-1	1,2,4-Trichlorobenzene	0.40	U
87-68-3	Hexachlorobutadiene	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-3DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658269D1

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 658269D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	8.4	D
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	340	D
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon Disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene Chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-93-3	Methyl Ethyl Ketone	15	D
156-59-2	cis-1,2-Dichloroethene	2.0	U
109-99-9	Tetrahydrofuran	50	U
67-66-3	Chloroform	2.0	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon Tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.7	D

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-3DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658269D1

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 658269D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	10	D
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	5.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylene (total)	2.0	U
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-4

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658265

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658265

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.62	
76-14-2	1,2-Dichlorotetrafluoroethan	0.16	U
74-87-3	Chloromethane	0.66	
75-01-4	Vinyl Chloride	0.16	U
106-99-0	1,3-Butadiene	0.92	
74-83-9	Bromomethane	0.16	U
75-00-3	Chloroethane	0.40	U
593-60-2	Bromoethene	0.16	U
75-69-4	Trichlorofluoromethane	0.27	
76-13-1	Freon TF	0.16	U
75-35-4	1,1-Dichloroethene	0.16	U
67-64-1	Acetone	8.6	
67-63-0	Isopropyl Alcohol	4.0	U
75-15-0	Carbon Disulfide	0.49	
107-05-1	3-Chloropropene	0.40	U
75-09-2	Methylene Chloride	0.40	U
75-65-0	tert-Butyl Alcohol	4.0	U
1634-04-4	Methyl tert-Butyl Ether	0.40	U
156-60-5	trans-1,2-Dichloroethene	0.16	U
110-54-3	n-Hexane	0.60	
75-34-3	1,1-Dichloroethane	0.16	U
540-59-0	1,2-Dichloroethene (total)	0.16	U
78-93-3	Methyl Ethyl Ketone	1.1	
156-59-2	cis-1,2-Dichloroethene	0.16	U
109-99-9	Tetrahydrofuran	4.0	U
67-66-3	Chloroform	0.16	U
71-55-6	1,1,1-Trichloroethane	0.16	U
110-82-7	Cyclohexane	0.31	
56-23-5	Carbon Tetrachloride	0.16	U
540-84-1	2,2,4-Trimethylpentane	0.21	
71-43-2	Benzene	0.71	
107-06-2	1,2-Dichloroethane	0.16	U
142-82-5	n-Heptane	0.39	

FORM 1
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ROUX1 SAMPLE NO.

SG-4

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658265

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658265

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.16	U
78-87-5	1,2-Dichloropropane	0.16	U
123-91-1	1,4-Dioxane	4.0	U
75-27-4	Bromodichloromethane	0.16	U
10061-01-5	cis-1,3-Dichloropropene	0.16	U
108-10-1	Methyl Isobutyl Ketone	0.40	U
108-88-3	Toluene	1.4	
10061-02-6	trans-1,3-Dichloropropene	0.16	U
79-00-5	1,1,2-Trichloroethane	0.16	U
127-18-4	Tetrachloroethene	0.25	
591-78-6	Methyl Butyl Ketone	0.40	U
124-48-1	Dibromochloromethane	0.16	U
106-93-4	1,2-Dibromoethane	0.16	U
108-90-7	Chlorobenzene	0.16	U
100-41-4	Ethylbenzene	0.21	
1330-20-7	Xylene (m,p)	0.53	
95-47-6	Xylene (o)	0.23	
1330-20-7	Xylene (total)	0.77	
100-42-5	Styrene	0.16	U
75-25-2	Bromoform	0.16	U
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8	4-Ethyltoluene	0.16	U
108-67-8	1,3,5-Trimethylbenzene	0.16	U
95-49-8	2-Chlorotoluene	0.16	U
95-63-6	1,2,4-Trimethylbenzene	0.16	U
541-73-1	1,3-Dichlorobenzene	0.16	U
106-46-7	1,4-Dichlorobenzene	0.16	U
95-50-1	1,2-Dichlorobenzene	0.16	U
120-82-1	1,2,4-Trichlorobenzene	0.40	U
87-68-3	Hexachlorobutadiene	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-5

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658264

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658264

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.68	
76-14-2	1,2-Dichlorotetrafluoroethan	0.16	U
74-87-3	Chloromethane	0.79	
75-01-4	Vinyl Chloride	0.16	U
106-99-0	1,3-Butadiene	1.4	
74-83-9	Bromomethane	0.16	U
75-00-3	Chloroethane	0.40	U
593-60-2	Bromoethene	0.16	U
75-69-4	Trichlorofluoromethane	0.28	
76-13-1	Freon TF	0.16	U
75-35-4	1,1-Dichloroethene	0.16	U
67-64-1	Acetone	200	E
67-63-0	Isopropyl Alcohol	21	
75-15-0	Carbon Disulfide	0.56	
107-05-1	3-Chloropropene	0.40	U
75-09-2	Methylene Chloride	0.40	U
75-65-0	tert-Butyl Alcohol	5.7	
1634-04-4	Methyl tert-Butyl Ether	1.1	
156-60-5	trans-1,2-Dichloroethene	0.16	U
110-54-3	n-Hexane	1.4	
75-34-3	1,1-Dichloroethane	0.16	U
540-59-0	1,2-Dichloroethene (total)	0.16	U
78-93-3	Methyl Ethyl Ketone	6.0	
156-59-2	cis-1,2-Dichloroethene	0.16	U
109-99-9	Tetrahydrofuran	4.0	U
67-66-3	Chloroform	0.16	U
71-55-6	1,1,1-Trichloroethane	0.16	U
110-82-7	Cyclohexane	1.5	
56-23-5	Carbon Tetrachloride	0.16	U
540-84-1	2,2,4-Trimethylpentane	1.4	
71-43-2	Benzene	1.2	
107-06-2	1,2-Dichloroethane	0.16	U
142-82-5	n-Heptane	2.0	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-5

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658264

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658264

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.16	U
78-87-5	1,2-Dichloropropane	0.16	U
123-91-1	1,4-Dioxane	4.0	U
75-27-4	Bromodichloromethane	0.16	U
10061-01-5	cis-1,3-Dichloropropene	0.16	U
108-10-1	Methyl Isobutyl Ketone	1.1	
108-88-3	Toluene	8.9	
10061-02-6	trans-1,3-Dichloropropene	0.16	U
79-00-5	1,1,2-Trichloroethane	0.16	U
127-18-4	Tetrachloroethene	2.1	
591-78-6	Methyl Butyl Ketone	1.7	
124-48-1	Dibromochloromethane	0.16	U
106-93-4	1,2-Dibromoethane	0.16	U
108-90-7	Chlorobenzene	0.16	U
100-41-4	Ethylbenzene	1.3	
1330-20-7	Xylene (m,p)	4.0	
95-47-6	Xylene (o)	1.9	
1330-20-7	Xylene (total)	6.0	
100-42-5	Styrene	0.87	
75-25-2	Bromoform	0.16	U
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8	4-Ethyltoluene	0.52	
108-67-8	1,3,5-Trimethylbenzene	0.16	U
95-49-8	2-Chlorotoluene	0.16	U
95-63-6	1,2,4-Trimethylbenzene	0.47	
541-73-1	1,3-Dichlorobenzene	0.16	U
106-46-7	1,4-Dichlorobenzene	0.16	U
95-50-1	1,2-Dichlorobenzene	0.16	U
120-82-1	1,2,4-Trichlorobenzene	0.40	U
87-68-3	Hexachlorobutadiene	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-5DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658264D1

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: 658264D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 8.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	4.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	1.6	U
74-87-3	Chloromethane	4.0	U
75-01-4	Vinyl Chloride	1.6	U
106-99-0	1,3-Butadiene	4.0	U
74-83-9	Bromomethane	1.6	U
75-00-3	Chloroethane	4.0	U
593-60-2	Bromoethene	1.6	U
75-69-4	Trichlorofluoromethane	1.6	U
76-13-1	Freon TF	1.6	U
75-35-4	1,1-Dichloroethene	1.6	U
67-64-1	Acetone	170	D
67-63-0	Isopropyl Alcohol	40	U
75-15-0	Carbon Disulfide	4.0	U
107-05-1	3-Chloropropene	4.0	U
75-09-2	Methylene Chloride	4.0	U
75-65-0	tert-Butyl Alcohol	40	U
1634-04-4	Methyl tert-Butyl Ether	4.0	U
156-60-5	trans-1,2-Dichloroethene	1.6	U
110-54-3	n-Hexane	4.0	U
75-34-3	1,1-Dichloroethane	1.6	U
540-59-0	1,2-Dichloroethene (total)	1.6	U
78-93-3	Methyl Ethyl Ketone	4.7	D
156-59-2	cis-1,2-Dichloroethene	1.6	U
109-99-9	Tetrahydrofuran	40	U
67-66-3	Chloroform	1.6	U
71-55-6	1,1,1-Trichloroethane	1.6	U
110-82-7	Cyclohexane	1.6	U
56-23-5	Carbon Tetrachloride	1.6	U
540-84-1	2,2,4-Trimethylpentane	1.6	U
71-43-2	Benzene	1.6	U
107-06-2	1,2-Dichloroethane	1.6	U
142-82-5	n-Heptane	1.6	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-5DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658264D1

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: 658264D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 8.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	1.6	U
78-87-5	1,2-Dichloropropane	1.6	U
123-91-1	1,4-Dioxane	40	U
75-27-4	Bromodichloromethane	1.6	U
10061-01-5	cis-1,3-Dichloropropene	1.6	U
108-10-1	Methyl Isobutyl Ketone	4.0	U
108-88-3	Toluene	6.3	D
10061-02-6	trans-1,3-Dichloropropene	1.6	U
79-00-5	1,1,2-Trichloroethane	1.6	U
127-18-4	Tetrachloroethene	1.7	D
591-78-6	Methyl Butyl Ketone	4.0	U
124-48-1	Dibromochloromethane	1.6	U
106-93-4	1,2-Dibromoethane	1.6	U
108-90-7	Chlorobenzene	1.6	U
100-41-4	Ethylbenzene	1.6	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	1.6	U
1330-20-7	Xylene (total)	1.6	U
100-42-5	Styrene	1.6	U
75-25-2	Bromoform	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U
622-96-8	4-Ethyltoluene	1.6	U
108-67-8	1,3,5-Trimethylbenzene	1.6	U
95-49-8	2-Chlorotoluene	1.6	U
95-63-6	1,2,4-Trimethylbenzene	1.6	U
541-73-1	1,3-Dichlorobenzene	1.6	U
106-46-7	1,4-Dichlorobenzene	1.6	U
95-50-1	1,2-Dichlorobenzene	1.6	U
120-82-1	1,2,4-Trichlorobenzene	4.0	U
87-68-3	Hexachlorobutadiene	1.6	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-6

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658266

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658266

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.40	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.16	U
74-87-3	Chloromethane	0.40	U
75-01-4	Vinyl Chloride	0.16	U
106-99-0	1,3-Butadiene	4.9	
74-83-9	Bromomethane	0.16	U
75-00-3	Chloroethane	0.40	U
593-60-2	Bromoethene	0.16	U
75-69-4	Trichlorofluoromethane	0.16	U
76-13-1	Freon TF	0.16	U
75-35-4	1,1-Dichloroethene	0.16	U
67-64-1	Acetone	120	E
67-63-0	Isopropyl Alcohol	4.0	U
75-15-0	Carbon Disulfide	2.8	
107-05-1	3-Chloropropene	1.3	
75-09-2	Methylene Chloride	0.40	U
75-65-0	tert-Butyl Alcohol	4.0	U
1634-04-4	Methyl tert-Butyl Ether	0.40	U
156-60-5	trans-1,2-Dichloroethene	0.16	U
110-54-3	n-Hexane	0.40	U
75-34-3	1,1-Dichloroethane	0.16	U
540-59-0	1,2-Dichloroethene (total)	0.16	U
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	0.16	U
109-99-9	Tetrahydrofuran	4.0	U
67-66-3	Chloroform	0.16	U
71-55-6	1,1,1-Trichloroethane	0.16	U
110-82-7	Cyclohexane	0.28	
56-23-5	Carbon Tetrachloride	0.16	U
540-84-1	2,2,4-Trimethylpentane	0.51	
71-43-2	Benzene	1.2	
107-06-2	1,2-Dichloroethane	0.16	U
142-82-5	n-Heptane	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-6

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658266

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 658266

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 0.8

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.16	U
78-87-5	1,2-Dichloropropane	0.16	U
123-91-1	1,4-Dioxane	4.0	U
75-27-4	Bromodichloromethane	0.16	U
10061-01-5	cis-1,3-Dichloropropene	0.16	U
108-10-1	Methyl Isobutyl Ketone	0.40	U
108-88-3	Toluene	0.67	
10061-02-6	trans-1,3-Dichloropropene	0.16	U
79-00-5	1,1,2-Trichloroethane	0.16	U
127-18-4	Tetrachloroethene	0.57	
591-78-6	Methyl Butyl Ketone	0.40	U
124-48-1	Dibromochloromethane	0.16	U
106-93-4	1,2-Dibromoethane	0.16	U
108-90-7	Chlorobenzene	0.16	U
100-41-4	Ethylbenzene	0.22	
1330-20-7	Xylene (m,p)	0.61	
95-47-6	Xylene (o)	0.28	
1330-20-7	Xylene (total)	0.90	
100-42-5	Styrene	0.16	U
75-25-2	Bromoform	0.16	U
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8	4-Ethyltoluene	0.16	U
108-67-8	1,3,5-Trimethylbenzene	0.16	U
95-49-8	2-Chlorotoluene	0.16	U
95-63-6	1,2,4-Trimethylbenzene	0.16	U
541-73-1	1,3-Dichlorobenzene	0.16	U
106-46-7	1,4-Dichlorobenzene	0.16	U
95-50-1	1,2-Dichlorobenzene	0.16	U
120-82-1	1,2,4-Trichlorobenzene	0.40	U
87-68-3	Hexachlorobutadiene	0.16	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-6DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658266D1

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 658266D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	2.5	U
76-14-2	1,2-Dichlorotetrafluoroethan	1.0	U
74-87-3	Chloromethane	2.5	U
75-01-4	Vinyl Chloride	1.0	U
106-99-0	1,3-Butadiene	8.4	D
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	2.5	U
593-60-2	Bromoethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
76-13-1	Freon TF	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
67-64-1	Acetone	100	D
67-63-0	Isopropyl Alcohol	25	U
75-15-0	Carbon Disulfide	3.0	D
107-05-1	3-Chloropropene	2.5	U
75-09-2	Methylene Chloride	2.5	U
75-65-0	tert-Butyl Alcohol	25	U
1634-04-4	Methyl tert-Butyl Ether	2.5	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
110-54-3	n-Hexane	2.5	U
75-34-3	1,1-Dichloroethane	1.0	U
540-59-0	1,2-Dichloroethene (total)	1.0	U
78-93-3	Methyl Ethyl Ketone	6.9	D
156-59-2	cis-1,2-Dichloroethene	1.0	U
109-99-9	Tetrahydrofuran	25	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
540-84-1	2,2,4-Trimethylpentane	1.0	U
71-43-2	Benzene	1.1	D
107-06-2	1,2-Dichloroethane	1.0	U
142-82-5	n-Heptane	1.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX1 SAMPLE NO.

SG-6DL

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: 658266D1

Sample wt/vol: 40.00 (g/mL) ML Lab File ID: 658266D

Level: (low/med) LOW Date Received: 02/20/06

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
123-91-1	1,4-Dioxane	25	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-10-1	Methyl Isobutyl Ketone	2.5	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
591-78-6	Methyl Butyl Ketone	2.5	U
124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylene (m,p)	2.5	U
95-47-6	Xylene (o)	1.0	U
1330-20-7	Xylene (total)	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
622-96-8	4-Ethyltoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	2.5	U
87-68-3	Hexachlorobutadiene	1.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK022306FA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: MBLK022306FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAKB02E

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/23/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon Disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene Chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
540-59-0	1,2-Dichloroethene (total)	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK022306FA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: MBLK022306FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAKB02E

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/23/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.50	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylene (total)	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK022406FA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: MBLK022406FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAKB02F

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon Disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene Chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
540-59-0	1,2-Dichloroethene (total)	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK022406FA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: MBLK022406FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAKB02F

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.50	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylene (total)	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FAKE LCS

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: FAKE LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAK10EQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/23/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	9.9	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
106-99-0	1,3-Butadiene	11	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	11	
593-60-2	Bromoethene	9.3	
75-69-4	Trichlorofluoromethane	10	
76-13-1	Freon TF	8.6	
75-35-4	1,1-Dichloroethene	8.6	
67-64-1	Acetone	11	
67-63-0	Isopropyl Alcohol	8.9	
75-15-0	Carbon Disulfide	8.9	
107-05-1	3-Chloropropene	9.8	
75-09-2	Methylene Chloride	9.2	
75-65-0	tert-Butyl Alcohol	9.2	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.1	
110-54-3	n-Hexane	10	
75-34-3	1,1-Dichloroethane	9.3	
540-59-0	1,2-Dichloroethene (total)	18	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	9.0	
109-99-9	Tetrahydrofuran	9.5	
67-66-3	Chloroform	9.2	
71-55-6	1,1,1-Trichloroethane	9.4	
110-82-7	Cyclohexane	9.5	
56-23-5	Carbon Tetrachloride	9.2	
540-84-1	2,2,4-Trimethylpentane	9.7	
71-43-2	Benzene	9.0	
107-06-2	1,2-Dichloroethane	9.3	
142-82-5	n-Heptane	9.7	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FAKE LCS

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: FAKE LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAK10EQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/23/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	9.1	
78-87-5	1,2-Dichloropropane	9.4	
123-91-1	1,4-Dioxane	7.9	
75-27-4	Bromodichloromethane	9.2	
10061-01-5	cis-1,3-Dichloropropene	9.7	
108-10-1	Methyl Isobutyl Ketone	11	
108-88-3	Toluene	9.2	
10061-02-6	trans-1,3-Dichloropropene	9.6	
79-00-5	1,1,2-Trichloroethane	9.7	
127-18-4	Tetrachloroethene	8.9	
591-78-6	Methyl Butyl Ketone	11	
124-48-1	Dibromochloromethane	9.5	
106-93-4	1,2-Dibromoethane	9.5	
108-90-7	Chlorobenzene	9.3	
100-41-4	Ethylbenzene	9.3	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.8	
1330-20-7	Xylene (total)	30	
100-42-5	Styrene	10	
75-25-2	Bromoform	9.7	
79-34-5	1,1,2,2-Tetrachloroethane	9.4	
622-96-8	4-Ethyltoluene	9.8	
108-67-8	1,3,5-Trimethylbenzene	9.8	
95-49-8	2-Chlorotoluene	9.7	
95-63-6	1,2,4-Trimethylbenzene	9.8	
541-73-1	1,3-Dichlorobenzene	9.0	
106-46-7	1,4-Dichlorobenzene	9.0	
95-50-1	1,2-Dichlorobenzene	9.3	
120-82-1	1,2,4-Trichlorobenzene	7.7	
87-68-3	Hexachlorobutadiene	8.3	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FAKE LCSD

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: FAKE LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAK10EQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/23/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	10	
74-87-3	Chloromethane	11	
75-01-4	Vinyl Chloride	10	
106-99-0	1,3-Butadiene	11	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	11	
593-60-2	Bromoethene	9.0	
75-69-4	Trichlorofluoromethane	10	
76-13-1	Freon TF	8.6	
75-35-4	1,1-Dichloroethene	8.5	
67-64-1	Acetone	11	
67-63-0	Isopropyl Alcohol	8.9	
75-15-0	Carbon Disulfide	9.0	
107-05-1	3-Chloropropene	10	
75-09-2	Methylene Chloride	9.4	
75-65-0	tert-Butyl Alcohol	9.3	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	9.2	
110-54-3	n-Hexane	10	
75-34-3	1,1-Dichloroethane	9.5	
540-59-0	1,2-Dichloroethene (total)	18	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	9.1	
109-99-9	Tetrahydrofuran	9.7	
67-66-3	Chloroform	9.3	
71-55-6	1,1,1-Trichloroethane	9.5	
110-82-7	Cyclohexane	9.6	
56-23-5	Carbon Tetrachloride	9.2	
540-84-1	2,2,4-Trimethylpentane	9.9	
71-43-2	Benzene	9.2	
107-06-2	1,2-Dichloroethane	9.5	
142-82-5	n-Heptane	9.8	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FAKE LCSD

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: FAKE LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAK10EQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/23/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	9.2	
78-87-5	1,2-Dichloropropane	9.5	
123-91-1	1,4-Dioxane	8.0	
75-27-4	Bromodichloromethane	9.3	
10061-01-5	cis-1,3-Dichloropropene	9.9	
108-10-1	Methyl Isobutyl Ketone	11	
108-88-3	Toluene	9.3	
10061-02-6	trans-1,3-Dichloropropene	9.9	
79-00-5	1,1,2-Trichloroethane	9.9	
127-18-4	Tetrachloroethene	9.1	
591-78-6	Methyl Butyl Ketone	11	
124-48-1	Dibromochloromethane	9.7	
106-93-4	1,2-Dibromoethane	9.6	
108-90-7	Chlorobenzene	9.4	
100-41-4	Ethylbenzene	9.4	
1330-20-7	Xylene (m,p)	20	
95-47-6	Xylene (o)	10	
1330-20-7	Xylene (total)	30	
100-42-5	Styrene	11	
75-25-2	Bromoform	10	
79-34-5	1,1,2,2-Tetrachloroethane	9.6	
622-96-8	4-Ethyltoluene	9.5	
108-67-8	1,3,5-Trimethylbenzene	11	
95-49-8	2-Chlorotoluene	10	
95-63-6	1,2,4-Trimethylbenzene	10	
541-73-1	1,3-Dichlorobenzene	9.2	
106-46-7	1,4-Dichlorobenzene	9.3	
95-50-1	1,2-Dichlorobenzene	9.5	
120-82-1	1,2,4-Trichlorobenzene	7.9	
87-68-3	Hexachlorobutadiene	8.4	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FAKF LCS

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: FAKF LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAK10FQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	9.7	
74-87-3	Chloromethane	9.8	
75-01-4	Vinyl Chloride	10	
106-99-0	1,3-Butadiene	11	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	12	
593-60-2	Bromoethene	9.5	
75-69-4	Trichlorofluoromethane	10	
76-13-1	Freon TF	8.7	
75-35-4	1,1-Dichloroethene	8.6	
67-64-1	Acetone	11	
67-63-0	Isopropyl Alcohol	8.4	
75-15-0	Carbon Disulfide	9.1	
107-05-1	3-Chloropropene	10	
75-09-2	Methylene Chloride	9.5	
75-65-0	tert-Butyl Alcohol	8.8	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	9.3	
110-54-3	n-Hexane	10	
75-34-3	1,1-Dichloroethane	9.6	
540-59-0	1,2-Dichloroethene (total)	18	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	9.1	
109-99-9	Tetrahydrofuran	9.7	
67-66-3	Chloroform	9.4	
71-55-6	1,1,1-Trichloroethane	9.5	
110-82-7	Cyclohexane	9.7	
56-23-5	Carbon Tetrachloride	9.4	
540-84-1	2,2,4-Trimethylpentane	9.9	
71-43-2	Benzene	9.1	
107-06-2	1,2-Dichloroethane	9.5	
142-82-5	n-Heptane	9.9	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FAKF LCS

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: FAKF LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAK10FQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	9.2	
78-87-5	1,2-Dichloropropane	9.5	
123-91-1	1,4-Dioxane	7.5	
75-27-4	Bromodichloromethane	9.3	
10061-01-5	cis-1,3-Dichloropropene	10	
108-10-1	Methyl Isobutyl Ketone	11	
108-88-3	Toluene	9.5	
10061-02-6	trans-1,3-Dichloropropene	9.9	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	9.1	
591-78-6	Methyl Butyl Ketone	12	
124-48-1	Dibromochloromethane	9.8	
106-93-4	1,2-Dibromoethane	9.9	
108-90-7	Chlorobenzene	9.6	
100-41-4	Ethylbenzene	9.6	
1330-20-7	Xylene (m,p)	20	
95-47-6	Xylene (o)	10	
1330-20-7	Xylene (total)	30	
100-42-5	Styrene	10	
75-25-2	Bromoform	10	
79-34-5	1,1,2,2-Tetrachloroethane	9.6	
622-96-8	4-Ethyltoluene	9.4	
108-67-8	1,3,5-Trimethylbenzene	11	
95-49-8	2-Chlorotoluene	10	
95-63-6	1,2,4-Trimethylbenzene	10	
541-73-1	1,3-Dichlorobenzene	9.2	
106-46-7	1,4-Dichlorobenzene	9.4	
95-50-1	1,2-Dichlorobenzene	9.4	
120-82-1	1,2,4-Trichlorobenzene	8.0	
87-68-3	Hexachlorobutadiene	8.4	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FAKF LCSD

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: FAKF LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAK10FQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	10	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
106-99-0	1,3-Butadiene	11	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	11	
593-60-2	Bromoethene	9.0	
75-69-4	Trichlorofluoromethane	9.8	
76-13-1	Freon TF	8.5	
75-35-4	1,1-Dichloroethene	8.5	
67-64-1	Acetone	11	
67-63-0	Isopropyl Alcohol	9.0	
75-15-0	Carbon Disulfide	9.0	
107-05-1	3-Chloropropene	9.8	
75-09-2	Methylene Chloride	9.3	
75-65-0	tert-Butyl Alcohol	9.1	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.1	
110-54-3	n-Hexane	10	
75-34-3	1,1-Dichloroethane	9.3	
540-59-0	1,2-Dichloroethene (total)	18	
78-93-3	Methyl Ethyl Ketone	9.9	
156-59-2	cis-1,2-Dichloroethene	9.0	
109-99-9	Tetrahydrofuran	9.4	
67-66-3	Chloroform	9.1	
71-55-6	1,1,1-Trichloroethane	9.4	
110-82-7	Cyclohexane	9.5	
56-23-5	Carbon Tetrachloride	9.2	
540-84-1	2,2,4-Trimethylpentane	9.8	
71-43-2	Benzene	8.9	
107-06-2	1,2-Dichloroethane	9.2	
142-82-5	n-Heptane	9.7	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FAKF LCSD

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix: (soil/water) AIR Lab Sample ID: FAKF LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FAK10FQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/24/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	9.1	
78-87-5	1,2-Dichloropropane	9.3	
123-91-1	1,4-Dioxane	7.9	
75-27-4	Bromodichloromethane	9.1	
10061-01-5	cis-1,3-Dichloropropene	9.6	
108-10-1	Methyl Isobutyl Ketone	11	
108-88-3	Toluene	9.0	
10061-02-6	trans-1,3-Dichloropropene	9.5	
79-00-5	1,1,2-Trichloroethane	9.5	
127-18-4	Tetrachloroethene	8.9	
591-78-6	Methyl Butyl Ketone	11	
124-48-1	Dibromochloromethane	9.4	
106-93-4	1,2-Dibromoethane	9.3	
108-90-7	Chlorobenzene	9.1	
100-41-4	Ethylbenzene	9.1	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.7	
1330-20-7	Xylene (total)	29	
100-42-5	Styrene	10	
75-25-2	Bromoform	9.5	
79-34-5	1,1,2,2-Tetrachloroethane	9.1	
622-96-8	4-Ethyltoluene	9.1	
108-67-8	1,3,5-Trimethylbenzene	10	
95-49-8	2-Chlorotoluene	9.6	
95-63-6	1,2,4-Trimethylbenzene	9.5	
541-73-1	1,3-Dichlorobenzene	8.9	
106-46-7	1,4-Dichlorobenzene	9.1	
95-50-1	1,2-Dichlorobenzene	9.1	
120-82-1	1,2,4-Trichlorobenzene	8.0	
87-68-3	Hexachlorobutadiene	8.0	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKE LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		9.9	99	70-130
Chloromethane	10		10	100	70-130
Vinyl Chloride	10		10	100	70-130
1,3-Butadiene	10		11	110	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		11	110	70-130
Bromoethene	10		9.3	93	70-130
Trichlorofluoromethane	10		10	100	70-130
Freon TF	10		8.6	86	70-130
1,1-Dichloroethene	10		8.6	86	70-130
Acetone	10		11	110	70-130
Isopropyl Alcohol	10		8.9	89	70-130
Carbon Disulfide	10		8.9	89	70-130
3-Chloropropene	10		9.8	98	70-130
Methylene Chloride	10		9.2	92	70-130
tert-Butyl Alcohol	10		9.2	92	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
trans-1,2-Dichloroethen	10		9.1	91	70-130
n-Hexane	10		10	100	70-130
1,1-Dichloroethane	10		9.3	93	70-130
1,2-Dichloroethene (tot	20		18	90	70-130
Methyl Ethyl Ketone	10		10	100	70-130
cis-1,2-Dichloroethene	10		9.0	90	70-130
Tetrahydrofuran	10		9.5	95	70-130
Chloroform	10		9.2	92	70-130
1,1,1-Trichloroethane	10		9.4	94	70-130
Cyclohexane	10		9.5	95	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKE LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon Tetrachloride	10		9.2	92	70-130
2,2,4-Trimethylpentane	10		9.7	97	70-130
Benzene	10		9.0	90	70-130
1,2-Dichloroethane	10		9.3	93	70-130
n-Heptane	10		9.7	97	70-130
Trichloroethene	10		9.1	91	70-130
1,2-Dichloropropane	10		9.4	94	70-130
1,4-Dioxane	10		7.9	79	70-130
Bromodichloromethane	10		9.2	92	70-130
cis-1,3-Dichloropropene	10		9.7	97	70-130
Methyl Isobutyl Ketone	10		11	110	70-130
Toluene	10		9.2	92	70-130
trans-1,3-Dichloroprope	10		9.6	96	70-130
1,1,2-Trichloroethane	10		9.7	97	70-130
Tetrachloroethene	10		8.9	89	70-130
Methyl Butyl Ketone	10		11	110	70-130
Dibromochloromethane	10		9.5	95	70-130
1,2-Dibromoethane	10		9.5	95	70-130
Chlorobenzene	10		9.3	93	70-130
Ethylbenzene	10		9.3	93	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.8	98	70-130
Xylene (total)	30		30	100	70-130
Styrene	10		10	100	70-130
Bromoform	10		9.7	97	70-130
1,1,2,2-Tetrachloroetha	10		9.4	94	70-130
4-Ethyltoluene	10		9.8	98	70-130
1,3,5-Trimethylbenzene	10		9.8	98	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKE LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		9.7	97	70-130
1,2,4-Trimethylbenzene	10		9.8	98	70-130
1,3-Dichlorobenzene	10		9.0	90	70-130
1,4-Dichlorobenzene	10		9.0	90	70-130
1,2-Dichlorobenzene	10		9.3	93	70-130
1,2,4-Trichlorobenzene	10		7.7	77	70-130
Hexachlorobutadiene	10		8.3	83	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKE LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	10	11	110	0	25	70-130
1,2-Dichlorotetrafluoro	10	10	100	1	25	70-130
Chloromethane	10	11	110	10	25	70-130
Vinyl Chloride	10	10	100	0	25	70-130
1,3-Butadiene	10	11	110	0	25	70-130
Bromomethane	10	10	100	0	25	70-130
Chloroethane	10	11	110	0	25	70-130
Bromoethene	10	9.0	90	3	25	70-130
Trichlorofluoromethane	10	10	100	0	25	70-130
Freon TF	10	8.6	86	0	25	70-130
1,1-Dichloroethene	10	8.5	85	1	25	70-130
Acetone	10	11	110	0	25	70-130
Isopropyl Alcohol	10	8.9	89	0	25	70-130
Carbon Disulfide	10	9.0	90	1	25	70-130
3-Chloropropene	10	10	100	2	25	70-130
Methylene Chloride	10	9.4	94	2	25	70-130
tert-Butyl Alcohol	10	9.3	93	1	25	70-130
Methyl tert-Butyl Ether	10	11	110	10	25	70-130
trans-1,2-Dichloroethen	10	9.2	92	1	25	70-130
n-Hexane	10	10	100	0	25	70-130
1,1-Dichloroethane	10	9.5	95	2	25	70-130
1,2-Dichloroethene (tot	20	18	90	0	25	70-130
Methyl Ethyl Ketone	10	10	100	0	25	70-130
cis-1,2-Dichloroethene	10	9.1	91	1	25	70-130
Tetrahydrofuran	10	9.7	97	2	25	70-130
Chloroform	10	9.3	93	1	25	70-130
1,1,1-Trichloroethane	10	9.5	95	1	25	70-130
Cyclohexane	10	9.6	96	1	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKE LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon Tetrachloride	10	9.2	92	0	25	70-130
2,2,4-Trimethylpentane	10	9.9	99	2	25	70-130
Benzene	10	9.2	92	2	25	70-130
1,2-Dichloroethane	10	9.5	95	2	25	70-130
n-Heptane	10	9.8	98	1	25	70-130
Trichloroethene	10	9.2	92	1	25	70-130
1,2-Dichloropropane	10	9.5	95	1	25	70-130
1,4-Dioxane	10	8.0	80	1	25	70-130
Bromodichloromethane	10	9.3	93	1	25	70-130
cis-1,3-Dichloropropene	10	9.9	99	2	25	70-130
Methyl Isobutyl Ketone	10	11	110	0	25	70-130
Toluene	10	9.3	93	1	25	70-130
trans-1,3-Dichloroprope	10	9.9	99	3	25	70-130
1,1,2-Trichloroethane	10	9.9	99	2	25	70-130
Tetrachloroethene	10	9.1	91	2	25	70-130
Methyl Butyl Ketone	10	11	110	0	25	70-130
Dibromochloromethane	10	9.7	97	2	25	70-130
1,2-Dibromoethane	10	9.6	96	1	25	70-130
Chlorobenzene	10	9.4	94	1	25	70-130
Ethylbenzene	10	9.4	94	1	25	70-130
Xylene (m,p)	20	20	100	5	25	70-130
Xylene (o)	10	10	100	2	25	70-130
Xylene (total)	30	30	100	0	25	70-130
Styrene	10	11	110	10	25	70-130
Bromoform	10	10	100	3	25	70-130
1,1,2,2-Tetrachloroetha	10	9.6	96	2	25	70-130
4-Ethyltoluene	10	9.5	95	3	25	70-130
1,3,5-Trimethylbenzene	10	11	110	12	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKE LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2-Chlorotoluene	10	10	100	3	25	70-130
1,2,4-Trimethylbenzene	10	10	100	2	25	70-130
1,3-Dichlorobenzene	10	9.2	92	2	25	70-130
1,4-Dichlorobenzene	10	9.3	93	3	25	70-130
1,2-Dichlorobenzene	10	9.5	95	2	25	70-130
1,2,4-Trichlorobenzene	10	7.9	79	2	25	70-130
Hexachlorobutadiene	10	8.4	84	1	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 63 outside limits
Spike Recovery: 0 out of 126 outside limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKF LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		9.7	97	70-130
Chloromethane	10		9.8	98	70-130
Vinyl Chloride	10		10	100	70-130
1,3-Butadiene	10		11	110	70-130
Bromomethane	10		11	110	70-130
Chloroethane	10		12	120	70-130
Bromoethene	10		9.5	95	70-130
Trichlorofluoromethane	10		10	100	70-130
Freon TF	10		8.7	87	70-130
1,1-Dichloroethene	10		8.6	86	70-130
Acetone	10		11	110	70-130
Isopropyl Alcohol	10		8.4	84	70-130
Carbon Disulfide	10		9.1	91	70-130
3-Chloropropene	10		10	100	70-130
Methylene Chloride	10		9.5	95	70-130
tert-Butyl Alcohol	10		8.8	88	70-130
Methyl tert-Butyl Ether	10		11	110	70-130
trans-1,2-Dichloroethen	10		9.3	93	70-130
n-Hexane	10		10	100	70-130
1,1-Dichloroethane	10		9.6	96	70-130
1,2-Dichloroethene (tot	20		18	90	70-130
Methyl Ethyl Ketone	10		10	100	70-130
cis-1,2-Dichloroethene	10		9.1	91	70-130
Tetrahydrofuran	10		9.7	97	70-130
Chloroform	10		9.4	94	70-130
1,1,1-Trichloroethane	10		9.5	95	70-130
Cyclohexane	10		9.7	97	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKF LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon Tetrachloride	10		9.4	94	70-130
2,2,4-Trimethylpentane	10		9.9	99	70-130
Benzene	10		9.1	91	70-130
1,2-Dichloroethane	10		9.5	95	70-130
n-Heptane	10		9.9	99	70-130
Trichloroethene	10		9.2	92	70-130
1,2-Dichloropropane	10		9.5	95	70-130
1,4-Dioxane	10		7.5	75	70-130
Bromodichloromethane	10		9.3	93	70-130
cis-1,3-Dichloropropene	10		10	100	70-130
Methyl Isobutyl Ketone	10		11	110	70-130
Toluene	10		9.5	95	70-130
trans-1,3-Dichloroprope	10		9.9	99	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		9.1	91	70-130
Methyl Butyl Ketone	10		12	120	70-130
Dibromochloromethane	10		9.8	98	70-130
1,2-Dibromoethane	10		9.9	99	70-130
Chlorobenzene	10		9.6	96	70-130
Ethylbenzene	10		9.6	96	70-130
Xylene (m,p)	20		20	100	70-130
Xylene (o)	10		10	100	70-130
Xylene (total)	30		30	100	70-130
Styrene	10		10	100	70-130
Bromoform	10		10	100	70-130
1,1,2,2-Tetrachloroetha	10		9.6	96	70-130
4-Ethyltoluene	10		9.4	94	70-130
1,3,5-Trimethylbenzene	10		11	110	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKF LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		10	100	70-130
1,2,4-Trimethylbenzene	10		10	100	70-130
1,3-Dichlorobenzene	10		9.2	92	70-130
1,4-Dichlorobenzene	10		9.4	94	70-130
1,2-Dichlorobenzene	10		9.4	94	70-130
1,2,4-Trichlorobenzene	10		8.0	80	70-130
Hexachlorobutadiene	10		8.4	84	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKF LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	10	11	110	0	25	70-130
1,2-Dichlorotetrafluoro	10	10	100	3	25	70-130
Chloromethane	10	10	100	2	25	70-130
Vinyl Chloride	10	10	100	0	25	70-130
1,3-Butadiene	10	11	110	0	25	70-130
Bromomethane	10	10	100	10	25	70-130
Chloroethane	10	11	110	9	25	70-130
Bromoethene	10	9.0	90	5	25	70-130
Trichlorofluoromethane	10	9.8	98	2	25	70-130
Freon TF	10	8.5	85	2	25	70-130
1,1-Dichloroethene	10	8.5	85	1	25	70-130
Acetone	10	11	110	0	25	70-130
Isopropyl Alcohol	10	9.0	90	7	25	70-130
Carbon Disulfide	10	9.0	90	1	25	70-130
3-Chloropropene	10	9.8	98	2	25	70-130
Methylene Chloride	10	9.3	93	2	25	70-130
tert-Butyl Alcohol	10	9.1	91	3	25	70-130
Methyl tert-Butyl Ether	10	10	100	10	25	70-130
trans-1,2-Dichloroethen	10	9.1	91	2	25	70-130
n-Hexane	10	10	100	0	25	70-130
1,1-Dichloroethane	10	9.3	93	3	25	70-130
1,2-Dichloroethene (tot	20	18	90	0	25	70-130
Methyl Ethyl Ketone	10	9.9	99	1	25	70-130
cis-1,2-Dichloroethene	10	9.0	90	1	25	70-130
Tetrahydrofuran	10	9.4	94	3	25	70-130
Chloroform	10	9.1	91	3	25	70-130
1,1,1-Trichloroethane	10	9.4	94	1	25	70-130
Cyclohexane	10	9.5	95	2	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKF LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon Tetrachloride	10	9.2	92	2	25	70-130
2,2,4-Trimethylpentane	10	9.8	98	1	25	70-130
Benzene	10	8.9	89	2	25	70-130
1,2-Dichloroethane	10	9.2	92	3	25	70-130
n-Heptane	10	9.7	97	2	25	70-130
Trichloroethene	10	9.1	91	1	25	70-130
1,2-Dichloropropane	10	9.3	93	2	25	70-130
1,4-Dioxane	10	7.9	79	5	25	70-130
Bromodichloromethane	10	9.1	91	2	25	70-130
cis-1,3-Dichloropropene	10	9.6	96	4	25	70-130
Methyl Isobutyl Ketone	10	11	110	0	25	70-130
Toluene	10	9.0	90	5	25	70-130
trans-1,3-Dichloroprope	10	9.5	95	4	25	70-130
1,1,2-Trichloroethane	10	9.5	95	5	25	70-130
Tetrachloroethene	10	8.9	89	2	25	70-130
Methyl Butyl Ketone	10	11	110	9	25	70-130
Dibromochloromethane	10	9.4	94	4	25	70-130
1,2-Dibromoethane	10	9.3	93	6	25	70-130
Chlorobenzene	10	9.1	91	5	25	70-130
Ethylbenzene	10	9.1	91	5	25	70-130
Xylene (m,p)	20	19	95	5	25	70-130
Xylene (o)	10	9.7	97	3	25	70-130
Xylene (total)	30	29	97	3	25	70-130
Styrene	10	10	100	0	25	70-130
Bromoform	10	9.5	95	5	25	70-130
1,1,2,2-Tetrachloroetha	10	9.1	91	5	25	70-130
4-Ethyltoluene	10	9.1	91	3	25	70-130
1,3,5-Trimethylbenzene	10	10	100	10	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Matrix Spike - Sample No.: FAKF LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2-Chlorotoluene	10	9.6	96	4	25	70-130
1,2,4-Trimethylbenzene	10	9.5	95	5	25	70-130
1,3-Dichlorobenzene	10	8.9	89	3	25	70-130
1,4-Dichlorobenzene	10	9.1	91	3	25	70-130
1,2-Dichlorobenzene	10	9.1	91	3	25	70-130
1,2,4-Trichlorobenzene	10	8.0	80	0	25	70-130
Hexachlorobutadiene	10	8.0	80	5	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 63 outside limits
Spike Recovery: 0 out of 126 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK022306FA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Lab File ID: FAKB02E Lab Sample ID: MBLK022306FA

Date Analyzed: 02/23/06 Time Analyzed: 1329

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FAKE LCS	FAKE LCS	FAK10EQ	1158
02	FAKE LCSD	FAKE LCSD	FAK10EQD	1243
03	FIELD BLANK	658271	658271	0219
04	SG-5	658264	658264	0304
05	SG-4	658265	658265	0350
06	SG-6	658266	658266	0435
07	SG-1	658267	658267	0520
08	SG-2	658268	658268	0605
09	SG-3	658269	658269	0650
10	DUPLICATE	658270	658270	0735
11	SG-6DL	658266D1	658266D	0906
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COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK022406FA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Lab File ID: FAKB02F Lab Sample ID: MBLK022406FA

Date Analyzed: 02/24/06 Time Analyzed: 1332

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FAKF LCS	FAKF LCS	FAK10FQ	1201
02	FAKF LCSD	FAKF LCSD	FAK10FQD	1247
03	SG-5DL	658264D1	658264D	1848
04	SG-1DL	658267D1	658267D	1932
05	SG-2DL	658268D1	658268D	2017
06	SG-3DL	658269D1	658269D	2102
07	DUPLICATEDL	658270D1	658270D	2147
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Lab File ID: FAK01PV BFB Injection Date: 02/17/06

Instrument ID: F BFB Injection Time: 0213

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.9
75	30.0 - 66.0% of mass 95	43.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	90.7
175	4.0 - 9.0% of mass 174	6.2 (6.9)1
176	93.0 - 101.0% of mass 174	89.2 (98.3)1
177	5.0 - 9.0% of mass 176	5.6 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0002	ASTD0002	FAK002V2	02/17/06	0348
02	ASTD0005	ASTD0005	FAK005V	02/17/06	0434
03	ASTD005	ASTD005	FAK05V	02/17/06	0519
04	ASTD010	ASTD010	FAK10V	02/17/06	0604
05	ASTD015	ASTD015	FAK15V	02/17/06	0649
06	ASTD020	ASTD020	FAK20V	02/17/06	0735
07	ASTD040	ASTD040	FAK40V	02/17/06	0820
08					
09					
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Lab File ID: FAK07PV BFB Injection Date: 02/23/06

Instrument ID: F BFB Injection Time: 0945

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.4
75	30.0 - 66.0% of mass 95	45.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	88.7
175	4.0 - 9.0% of mass 174	6.2 (7.0)1
176	93.0 - 101.0% of mass 174	86.1 (97.1)1
177	5.0 - 9.0% of mass 176	5.6 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FAK10EV	02/23/06	1112
02	FAKE LCS	FAKE LCS	FAK10EQ	02/23/06	1158
03	FAKE LCSD	FAKE LCSD	FAK10EQD	02/23/06	1243
04	MBLK022306FA	MBLK022306FA	FAKB02E	02/23/06	1329
05	FIELD BLANK	658271	658271	02/24/06	0219
06	SG-5	658264	658264	02/24/06	0304
07	SG-4	658265	658265	02/24/06	0350
08	SG-6	658266	658266	02/24/06	0435
09	SG-1	658267	658267	02/24/06	0520
10	SG-2	658268	658268	02/24/06	0605
11	SG-3	658269	658269	02/24/06	0650
12	DUPLICATE	658270	658270	02/24/06	0735
13	SG-6DL	658266D1	658266D	02/24/06	0906
14					
15					
16					
17					
18					
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Lab File ID: FAK08PV BFB Injection Date: 02/24/06

Instrument ID: F BFB Injection Time: 0950

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.7
75	30.0 - 66.0% of mass 95	47.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	87.5
175	4.0 - 9.0% of mass 174	6.0 (6.9)1
176	93.0 - 101.0% of mass 174	85.7 (98.0)1
177	5.0 - 9.0% of mass 176	5.5 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FAK10FV	02/24/06	1116
02	FAKF LCS	FAKF LCS	FAK10FQ	02/24/06	1201
03	FAKF LCSD	FAKF LCSD	FAK10FQD	02/24/06	1247
04	MBLK022406FA	MBLK022406FA	FAKB02F	02/24/06	1332
05	SG-5DL	658264D1	658264D	02/24/06	1848
06	SG-1DL	658267D1	658267D	02/24/06	1932
07	SG-2DL	658268D1	658268D	02/24/06	2017
08	SG-3DL	658269D1	658269D	02/24/06	2102
09	DUPLICATEDL	658270D1	658270D	02/24/06	2147
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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Instrument ID: F Calibration Date(s): 02/17/06 02/17/06

Heated Purge: (Y/N) N Calibration Time(s): 0348 0820

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=FAK002V2 RRF0.5=FAK005V
RRF2 = RRF5 =FAK05V RRF10 =FAK10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	%RSD	
Dichlorodifluoromethane		2.678		2.755	2.674			
1,2-Dichlorotetrafluoroethan	3.564	2.604		2.625	2.556			
Chloromethane		0.856		0.748	0.688			
Vinyl Chloride	1.167	0.859		0.856	0.845			
1,3-Butadiene		0.692		0.693	0.695			
Bromomethane	1.373	0.978		0.889	0.896			
Chloroethane		0.519		0.512	0.496			
Bromoethene	1.370	0.968		0.942	0.922			
Trichlorofluoromethane	3.968	3.003		2.977	2.818			
Freon TF	3.005	2.030		2.134	2.062			
1,1-Dichloroethene	1.343	0.922		1.016	0.992			
Acetone				1.579	1.381			
Isopropyl Alcohol				0.707	0.832			
Carbon Disulfide		4.183		3.106	2.948			
3-Chloropropene		0.966		1.249	1.254			
Methylene Chloride		1.165		1.162	1.103			
tert-Butyl Alcohol				0.957	1.100			
Methyl tert-Butyl Ether		1.580		2.392	2.383			
trans-1,2-Dichloroethene	1.937	1.282		1.475	1.425			
n-Hexane		1.340		1.602	1.591			
1,1-Dichloroethane *	2.324	1.307		1.738	1.664			*
1,2-Dichloroethene (total)	1.652	1.038		1.263	1.225			
Methyl Ethyl Ketone		0.298		0.473	0.469			
cis-1,2-Dichloroethene	1.366	0.794		1.051	1.026			
Tetrahydrofuran				0.222	0.225			
Chloroform	2.650	1.562		1.979	1.908			
1,1,1-Trichloroethane	0.575	0.314		0.434	0.432			
Cyclohexane	0.385	0.248		0.308	0.308			
Carbon Tetrachloride	0.637	0.407		0.480	0.469			
2,2,4-Trimethylpentane	1.264	0.651		1.035	1.040			
Benzene	0.894	0.455		0.636	0.626			
1,2-Dichloroethane	0.341	0.181		0.250	0.243			
n-Heptane	0.507	0.258		0.396	0.401			
Trichloroethene	0.341	0.194		0.259	0.257			
1,2-Dichloropropane	0.296	0.153		0.218	0.212			
1,4-Dioxane				0.055	0.067			
Bromodichloromethane	0.542	0.290		0.432	0.428			

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Instrument ID: F Calibration Date(s): 02/17/06 02/17/06

Heated Purge: (Y/N) N Calibration Time(s): 0348 0820

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=FAK002V2 RRF0.5=FAK005V
RRF2 = RRF5 =FAK05V RRF10 =FAK10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD	
cis-1,3-Dichloropropene	0.330	0.170		0.284	0.293			
Methyl Isobutyl Ketone		0.180		0.429	0.430			
Toluene	0.653	0.328		0.501	0.489			
trans-1,3-Dichloropropene	0.313	0.165		0.272	0.282			
1,1,2-Trichloroethane	0.303	0.153		0.221	0.212			
Tetrachloroethene	0.615	0.344		0.442	0.430			
Methyl Butyl Ketone		0.160		0.443	0.437			
Dibromochloromethane	0.600	0.322		0.489	0.488			
1,2-Dibromoethane	0.454	0.242		0.354	0.350			
Chlorobenzene *	0.858	0.490		0.662	0.640			*
Ethylbenzene	1.415	0.719		1.100	1.086			
Xylene (m,p)	0.497	0.256		0.443	0.440			
Xylene (o)	0.499	0.238		0.438	0.432			
Xylene (total)	0.499	0.238		0.438	0.432			
Styrene	0.537	0.297		0.605	0.619			
Bromoform	0.488	0.261		0.463	0.471			
1,1,2,2-Tetrachloroethane	0.774	0.370		0.608	0.596			
4-Ethyltoluene	1.376	0.700		1.307	1.401			
1,3,5-Trimethylbenzene	1.199	0.557		1.189	1.113			
2-Chlorotoluene	1.252	0.616		1.076	1.078			
1,2,4-Trimethylbenzene	1.077	0.504		1.081	1.079			
1,3-Dichlorobenzene	0.699	0.403		0.612	0.611			
1,4-Dichlorobenzene	0.639	0.382		0.565	0.557			
1,2-Dichlorobenzene	0.685	0.364		0.619	0.620			
1,2,4-Trichlorobenzene		0.204		0.372	0.353			
Hexachlorobutadiene	0.591	0.256		0.543	0.526			

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Instrument ID: F Calibration Date(s): 02/17/06 02/17/06

Heated Purge: (Y/N) N Calibration Time(s): 0348 0820

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =FAK15V RRF20 =FAK20V
RRF40 =FAK40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.546	2.237			2.578	8.0
1,2-Dichlorotetrafluoroethan		2.454	2.160			2.660	17.8
Chloromethane		0.645	0.570			0.701	15.4
Vinyl Chloride		0.792	0.686			0.868	18.5
1,3-Butadiene		0.647	0.564			0.658	8.6
Bromomethane		0.871	0.777			0.964	21.8
Chloroethane		0.478	0.402			0.481	9.8
Bromoethene		0.940	0.825			0.994	19.1
Trichlorofluoromethane		2.893	2.600			3.043	15.6
Freon TF		2.164	1.998			2.232	17.2
1,1-Dichloroethene		1.067	1.007			1.058	13.9
Acetone	1.352	1.380	1.069			1.352	13.5
Isopropyl Alcohol	0.886	0.963	0.915			0.861	11.4
Carbon Disulfide		3.156	3.012			3.281	15.6
3-Chloropropene		1.392	1.270			1.226	12.8
Methylene Chloride		1.189	1.077			1.139	4.1
tert-Butyl Alcohol	1.134	1.253	1.269			1.143	11.1
Methyl tert-Butyl Ether		2.584	2.100			2.208	17.7
trans-1,2-Dichloroethene		1.550	1.424			1.516	14.8
n-Hexane		1.743	1.569			1.569	9.2
1,1-Dichloroethane *		1.798	1.599			1.738	19.2*
1,2-Dichloroethene (total)		1.324	1.210			1.285	15.8
Methyl Ethyl Ketone		0.473	0.380			0.419	18.7
cis-1,2-Dichloroethene		1.097	0.997			1.055	17.5
Tetrahydrofuran	0.230	0.234	0.182			0.219	9.5
Chloroform		2.079	1.938			2.019	17.6
1,1,1-Trichloroethane		0.479	0.452			0.448	18.9
Cyclohexane		0.328	0.300			0.313	14.2
Carbon Tetrachloride		0.519	0.503			0.502	15.2
2,2,4-Trimethylpentane		1.128	1.044			1.027	19.9
Benzene		0.666	0.598			0.646	22.0
1,2-Dichloroethane		0.268	0.238			0.254	20.5
n-Heptane		0.434	0.381			0.396	20.5
Trichloroethene		0.280	0.258			0.265	17.8
1,2-Dichloropropane		0.225	0.193			0.216	21.7
1,4-Dioxane	0.067	0.073	0.069			0.066	10.2
Bromodichloromethane		0.472	0.437			0.434	19.0

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Instrument ID: F Calibration Date(s): 02/17/06 02/17/06

Heated Purge: (Y/N) N Calibration Time(s): 0348 0820

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =FAK15V RRF20 =FAK20V
RRF40 =FAK40V

COMPOUND		RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD	
cis-1,3-Dichloropropene			0.324	0.288			0.283	19.7	
Methyl Isobutyl Ketone			0.446	0.411			0.379	29.6	
Toluene			0.517	0.471			0.493	21.1	
trans-1,3-Dichloropropene			0.314	0.286			0.272	20.3	
1,1,2-Trichloroethane			0.223	0.200			0.219	22.3	
Tetrachloroethene			0.457	0.430			0.453	19.6	
Methyl Butyl Ketone			0.456	0.442			0.388	32.9	
Dibromochloromethane			0.530	0.494			0.487	18.7	
1,2-Dibromoethane			0.381	0.356			0.356	19.1	
Chlorobenzene	*		0.673	0.593			0.653	18.5	*
Ethylbenzene			1.161	1.008			1.082	20.9	
Xylene (m,p)			0.464	0.396			0.416	20.4	
Xylene (o)			0.454	0.387			0.408	22.3	
Xylene (total)			0.454	0.387			0.408	22.3	
Styrene			0.680	0.604			0.557	24.3	
Bromoform			0.514	0.474			0.445	20.7	
1,1,2,2-Tetrachloroethane			0.608	0.502			0.576	23.3	
4-Ethyltoluene			1.468	1.172			1.237	22.8	
1,3,5-Trimethylbenzene			1.158	0.963			1.030	24.0	
2-Chlorotoluene			1.121	0.958			1.017	21.4	
1,2,4-Trimethylbenzene			1.112	0.894			0.958	24.6	
1,3-Dichlorobenzene			0.664	0.601			0.598	17.2	
1,4-Dichlorobenzene			0.610	0.572			0.554	16.2	
1,2-Dichlorobenzene			0.657	0.567			0.585	19.7	
1,2,4-Trichlorobenzene		0.350	0.371	0.354			0.334	19.2	
Hexachlorobutadiene		0.547	0.548	0.430			0.492	23.4	

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Instrument ID: F Calibration Date: 02/23/06 Time: 1112

Lab File ID: FAK10EV Init. Calib. Date(s): 02/17/06 02/17/06

Heated Purge: (Y/N) N Init. Calib. Times: 0348 0820

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.978	2.988	0.01	15.9	30.0
1,2-Dichlorotetrafluoroethan	2.660	2.815	0.01	5.8	30.0
Chloromethane	0.701	0.818	0.01	16.7	30.0
Vinyl Chloride	0.868	0.928	0.01	6.9	30.0
1,3-Butadiene	0.658	0.772	0.01	17.3	30.0
Bromomethane	0.946	0.951	0.01	0.5	30.0
Chloroethane	0.481	0.537	0.01	11.6	30.0
Bromoethene	0.994	0.986	0.01	0.8	30.0
Trichlorofluoromethane	3.043	3.196	0.01	5.0	30.0
Freon TF	2.232	2.114	0.01	5.3	30.0
1,1-Dichloroethene	1.058	1.017	0.01	3.9	30.0
Acetone	1.352	1.550	0.01	14.6	30.0
Isopropyl Alcohol	0.861	0.968	0.01	12.4	30.0
Carbon Disulfide	3.281	3.062	0.01	6.7	30.0
3-Chloropropene	1.226	1.328	0.01	8.3	30.0
Methylene Chloride	1.139	1.184	0.01	4.0	30.0
tert-Butyl Alcohol	1.143	1.231	0.01	7.7	30.0
Methyl tert-Butyl Ether	2.208	2.528	0.01	14.5	30.0
trans-1,2-Dichloroethene	1.516	1.507	0.01	0.6	30.0
n-Hexane	1.569	1.672	0.01	6.6	30.0
1,1-Dichloroethane	1.738	1.774	0.1	2.1	30.0
1,2-Dichloroethene (total)	1.285	1.280	0.01	0.4	30.0
Methyl Ethyl Ketone	0.419	0.492	0.01	17.4	30.0
cis-1,2-Dichloroethene	1.055	1.054	0.01	0.1	30.0
Tetrahydrofuran	0.219	0.240	0.01	9.6	30.0
Chloroform	2.019	2.026	0.01	0.3	30.0
1,1,1-Trichloroethane	0.448	0.452	0.01	0.9	30.0
Cyclohexane	0.313	0.311	0.01	0.6	30.0
Carbon Tetrachloride	0.502	0.490	0.01	2.4	30.0
2,2,4-Trimethylpentane	1.027	1.082	0.01	5.4	30.0
Benzene	0.646	0.647	0.01	0.2	30.0
1,2-Dichloroethane	0.254	0.262	0.01	3.1	30.0
n-Heptane	0.396	0.419	0.01	5.8	30.0
Trichloroethene	0.265	0.262	0.01	1.1	30.0
1,2-Dichloropropane	0.216	0.224	0.01	3.7	30.0
1,4-Dioxane	0.066	0.072	0.01	9.1	30.0
Bromodichloromethane	0.434	0.448	0.01	3.2	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Instrument ID: F Calibration Date: 02/23/06 Time: 1112

Lab File ID: FAK10EV Init. Calib. Date(s): 02/17/06 02/17/06

Heated Purge: (Y/N) N Init. Calib. Times: 0348 0820

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.283	0.300	0.01	6.0	30.0
Methyl Isobutyl Ketone	0.379	0.467	0.01	23.2	30.0
Toluene	0.493	0.482	0.01	2.2	30.0
trans-1,3-Dichloropropene	0.272	0.291	0.01	7.0	30.0
1,1,2-Trichloroethane	0.219	0.212	0.01	3.2	30.0
Tetrachloroethene	0.453	0.408	0.01	9.9	30.0
Methyl Butyl Ketone	0.388	0.456	0.01	17.5	30.0
Dibromochloromethane	0.487	0.477	0.01	2.0	30.0
1,2-Dibromoethane	0.356	0.342	0.01	3.9	30.0
Chlorobenzene	0.653	0.628	0.3	3.8	30.0
Ethylbenzene	1.082	1.079	0.01	0.3	30.0
Xylene (m,p)	0.416	0.433	0.01	4.1	30.0
Xylene (o)	0.408	0.431	0.01	5.6	30.0
Xylene (total)	0.408	0.431	0.01	5.6	30.0
Styrene	0.557	0.616	0.01	10.6	30.0
Bromoform	0.445	0.467	0.01	4.9	30.0
1,1,2,2-Tetrachloroethane	0.576	0.615	0.01	6.8	30.0
4-Ethyltoluene	1.237	1.336	0.01	8.0	30.0
1,3,5-Trimethylbenzene	1.030	1.212	0.01	17.7	30.0
2-Chlorotoluene	1.017	1.095	0.01	7.7	30.0
1,2,4-Trimethylbenzene	0.958	1.096	0.01	14.4	30.0
1,3-Dichlorobenzene	0.598	0.604	0.01	1.0	30.0
1,4-Dichlorobenzene	0.554	0.554	0.01	0.0	30.0
1,2-Dichlorobenzene	0.585	0.622	0.01	6.3	30.0
1,2,4-Trichlorobenzene	0.334	0.350	0.01	4.8	30.0
Hexachlorobutadiene	0.492	0.555	0.01	12.8	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Instrument ID: F Calibration Date: 02/24/06 Time: 1116

Lab File ID: FAK10FV Init. Calib. Date(s): 02/17/06 02/17/06

Heated Purge: (Y/N) N Init. Calib. Times: 0348 0820

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.578	3.074	0.01	19.2	30.0
1,2-Dichlorotetrafluoroethan	2.660	2.880	0.01	8.3	30.0
Chloromethane	0.701	0.827	0.01	18.0	30.0
Vinyl Chloride	0.868	0.977	0.01	12.6	30.0
1,3-Butadiene	0.658	0.804	0.01	22.2	30.0
Bromomethane	0.946	0.964	0.01	1.9	30.0
Chloroethane	0.481	0.533	0.01	10.8	30.0
Bromoethene	0.994	0.976	0.01	1.8	30.0
Trichlorofluoromethane	3.043	3.126	0.01	2.7	30.0
Freon TF	2.232	2.093	0.01	6.2	30.0
1,1-Dichloroethene	1.058	1.013	0.01	4.2	30.0
Acetone	1.352	1.523	0.01	12.6	30.0
Isopropyl Alcohol	0.861	0.943	0.01	9.5	30.0
Carbon Disulfide	3.281	3.092	0.01	5.8	30.0
3-Chloropropene	1.226	1.304	0.01	6.4	30.0
Methylene Chloride	1.139	1.185	0.01	4.0	30.0
tert-Butyl Alcohol	1.143	1.185	0.01	3.7	30.0
Methyl tert-Butyl Ether	2.208	2.418	0.01	9.5	30.0
trans-1,2-Dichloroethene	1.516	1.512	0.01	0.3	30.0
n-Hexane	1.569	1.669	0.01	6.4	30.0
1,1-Dichloroethane	1.738	1.756	0.1	1.0	30.0
1,2-Dichloroethene (total)	1.285	1.271	0.01	1.1	30.0
Methyl Ethyl Ketone	0.419	0.471	0.01	12.4	30.0
cis-1,2-Dichloroethene	1.055	1.030	0.01	2.4	30.0
Tetrahydrofuran	0.219	0.237	0.01	8.2	30.0
Chloroform	2.019	2.016	0.01	0.1	30.0
1,1,1-Trichloroethane	0.448	0.451	0.01	0.7	30.0
Cyclohexane	0.313	0.314	0.01	0.3	30.0
Carbon Tetrachloride	0.502	0.493	0.01	1.8	30.0
2,2,4-Trimethylpentane	1.027	1.090	0.01	6.1	30.0
Benzene	0.646	0.633	0.01	2.0	30.0
1,2-Dichloroethane	0.254	0.260	0.01	2.4	30.0
n-Heptane	0.396	0.427	0.01	7.8	30.0
Trichloroethene	0.265	0.264	0.01	0.4	30.0
1,2-Dichloropropane	0.216	0.219	0.01	1.4	30.0
1,4-Dioxane	0.066	0.071	0.01	7.6	30.0
Bromodichloromethane	0.434	0.448	0.01	3.2	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Instrument ID: F Calibration Date: 02/24/06 Time: 1116

Lab File ID: FAK10FV Init. Calib. Date(s): 02/17/06 02/17/06

Heated Purge: (Y/N) N Init. Calib. Times: 0348 0820

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.283	0.300	0.01	6.0	30.0
Methyl Isobutyl Ketone	0.379	0.467	0.01	23.2	30.0
Toluene	0.493	0.484	0.01	1.8	30.0
trans-1,3-Dichloropropene	0.272	0.294	0.01	8.1	30.0
1,1,2-Trichloroethane	0.219	0.219	0.01	0.0	30.0
Tetrachloroethene	0.453	0.418	0.01	7.7	30.0
Methyl Butyl Ketone	0.388	0.492	0.01	26.8	30.0
Dibromochloromethane	0.487	0.491	0.01	0.8	30.0
1,2-Dibromoethane	0.356	0.361	0.01	1.4	30.0
Chlorobenzene	0.653	0.644	0.3	1.4	30.0
Ethylbenzene	1.082	1.091	0.01	0.8	30.0
Xylene (m,p)	0.416	0.431	0.01	3.6	30.0
Xylene (o)	0.408	0.430	0.01	5.4	30.0
Xylene (total)	0.408	0.430	0.01	5.4	30.0
Styrene	0.557	0.627	0.01	12.6	30.0
Bromoform	0.445	0.482	0.01	8.3	30.0
1,1,2,2-Tetrachloroethane	0.576	0.611	0.01	6.1	30.0
4-Ethyltoluene	1.237	1.358	0.01	9.8	30.0
1,3,5-Trimethylbenzene	1.030	1.159	0.01	12.5	30.0
2-Chlorotoluene	1.017	1.099	0.01	8.1	30.0
1,2,4-Trimethylbenzene	0.958	1.081	0.01	12.8	30.0
1,3-Dichlorobenzene	0.598	0.638	0.01	6.7	30.0
1,4-Dichlorobenzene	0.554	0.600	0.01	8.3	30.0
1,2-Dichlorobenzene	0.585	0.637	0.01	8.9	30.0
1,2,4-Trichlorobenzene	0.334	0.401	0.01	20.0	30.0
Hexachlorobutadiene	0.492	0.537	0.01	9.1	30.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Lab File ID (Standard): FAK10EV Date Analyzed: 02/23/06

Instrument ID: F Time Analyzed: 1112

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA	#	RT	#	IS2(DFB) AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
	12 HOUR STD	392075		9.06		1885401		9.94		1749518		12.38	
	UPPER LIMIT	548905		9.39		2639561		10.27		2449325		12.71	
	LOWER LIMIT	235245		8.73		1131241		9.61		1049711		12.05	
	CLIENT SAMPLE NO.												
01	FAKE LCS	404867		9.07		1920125		9.94		1665882		12.38	
02	FAKE LCSD	396137		9.06		1885141		9.94		1649723		12.38	
03	MBLK022306FA	366530		9.06		1807129		9.94		1481794		12.38	
04	FIELD BLANK	344931		9.07		1684376		9.94		1364606		12.38	
05	SG-5	353354		9.07		1683914		9.94		1533070		12.38	
06	SG-4	432587		9.07		1967452		9.94		1649982		12.38	
07	SG-6	311138		8.99		1643725		9.90		1361682		12.36	
08	SG-1	357814		9.07		1607354		9.94		1349711		12.38	
09	SG-2	424203		9.07		1973631		9.94		1639292		12.38	
10	SG-3	475719		9.07		2286471		9.94		2019782		12.38	
11	DUPLICATE	501045		9.06		2228973		9.94		1824332		12.38	
12	SG-6DL	414823		9.06		1890420		9.94		1553990		12.38	
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area
AREA LOWER LIMIT = - 40% of internal standard area
RT UPPER LIMIT = + 0.33 minutes of internal standard RT
RT LOWER LIMIT = - 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112697

Lab File ID (Standard): FAK10FV Date Analyzed: 02/24/06

Instrument ID: F Time Analyzed: 1116

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	366880	9.06	1741696	9.94	1564700	12.38
	UPPER LIMIT	513632	9.39	2438374	10.27	2190580	12.71
	LOWER LIMIT	220128	8.73	1045018	9.61	938820	12.05
	CLIENT SAMPLE NO.						
01	FAKF LCS	411570	9.07	1960452	9.95	1678022	12.38
02	FAKF LCSD	396396	9.07	1882319	9.94	1629710	12.38
03	MBLK022406FA	387099	9.07	1909457	9.94	1558985	12.38
04	SG-5DL	327122	9.07	1620743	9.94	1337539	12.38
05	SG-1DL	334540	9.06	1556272	9.94	1312621	12.38
06	SG-2DL	362337	9.07	1685493	9.94	1411372	12.38
07	SG-3DL	368838	9.07	1817847	9.94	1498943	12.38
08	DUPLICATEDL	377729	9.07	1809105	9.94	1493897	12.38
09							
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22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area
AREA LOWER LIMIT = - 40% of internal standard area
RT UPPER LIMIT = + 0.33 minutes of internal standard RT
RT LOWER LIMIT = - 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.