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March 31, 2006

Mr. Dan Lightsey, P.E.
NYSDEC Region 4
1150 North Westcott Road
Schenectady, NY 12306-2014

Re: Soil Vapor Intrusion Evaluation and Monitoring Report
National Semiconductor Corporation
3 Hemlock Street Facility
NYSDEC Site No.: 401027
C. T. Male Project No.: 95.6023

Dear Mr. Lightsey:

On behalf of National Semiconductor and in reference to NYSDEC's letter dated June 30, 2005, this letter report presents the findings of the vapor intrusion evaluation and monitoring conducted at 3 Hemlock Street (herein referred to as the "site") located in the Town of Colonie, Albany County, New York. The objective of the evaluation and monitoring was to determine if vapor intrusion of volatile organic compounds (VOCs) from groundwater into the building at 3 Hemlock Street is occurring, or if there is a potential for vapor intrusion.

An initial vapor intrusion evaluation, which included a review of historical information and an assessment of the Campito Plumbing & Heating (Campito) building located at 3 Hemlock Street was conducted during the 4th quarter of 2005 as described in the C.T. Male Associates P.C. (C.T. Male) letter to the NYSDEC dated December 15, 2005. Based on the findings of the initial vapor intrusion evaluation, monitoring was conducted and consisted of the collection and laboratory analysis of three soil vapor samples, three sub-slab vapor samples, one indoor air sample, and one outside (ambient) air sample as discussed within this letter report.

SITE DESCRIPTION

The site is located within a commercial/light industrial park. The business of Campito Plumbing & Heating occupies the site. The majority of the site is asphalt paved except for a lawn covered area immediately north of the Campito building and a small lawn covered area immediately east of the main entrance into the Office Area of the building. The terrain on-site and in the project area is relatively level. A Site Location Map is presented as Figure 1. The inferred direction of groundwater flow based on historical groundwater mapping is also shown on the Site Location Map for

information. A Site Plan Map is presented as Figure 2.

REVIEW OF HISTORICAL INFORMATION

Based on previous investigations presented in the Remedial Investigation (RI) Report dated December 20, 1991 and revised January 1993, a summary of the site subsurface conditions is as follows:

- Soil conditions at the site consist of fine sand with varying amounts of silt and the permeability is on the order of $1x10^{-4}$ cm/sec to $1x10^{-6}$ cm/sec (deeper sands).

- Depth to groundwater varies seasonally from 4 feet to 8 feet below grade and low hydraulic water table gradients exist across the site.

- Groundwater flow beneath the site is to the northwest.

A soil gas survey was conducted in October/November 1990 as part of the RI. The results of the investigation indicated that VOCs in soil gas were concentrated in the area of the former solvent storage area at 5 Hemlock Street (point of contamination) and downgradient (northwest direction) towards the groundwater remediation system pumping array. The two soil vapor samples collected in the area north of the former solvent storage area and closest to the eastern most portion of the 3 Hemlock Street building as well as east of the pumping array detected 10.9 parts per billion (ppb) and 2.1 ppb of trichloroethelyne (TCE). The sampling point (HSV-1) where 10.9 ppb TCE was detected in the soil vapor was approximately 45 feet south of the building and 45 feet east of the pumping array. The sampling point (HSV-2) where 2.1 ppb of TCE was detected in the soil vapor was approximately 80 feet east of the pumping array and 60 feet south of the building. Another soil gas sample (HSV-3) collected between the eastern most area of the pumping array and the building and approximately 5 feet from the building exhibited a TCE concentration of 5.9 ppb. These historical soil vapor sampling locations are shown on Figure 3, Site Visit Observations and Sampling Locations Map.

The primary contaminants detected at the site in connection with the soil and/or groundwater contamination have been TCE, cis-1,2-dichloroethylene (cis-1,2-DCE) and trans-1,2-DCE. Other chlorinated VOCs, which have been detected sporadically and at low concentrations, are 1,1,1-trichloroethane; 1,1,2-trichloroethane; 1,1-dichloroethene; 1,1-dichloroethane; 1,2-dichloroethane; and vinyl chloride. During the last groundwater sampling event in March/April 2004, TCE, cis-1,2-DCE and trans-1,2-DCE were the only target analytes detected. The highest TCE, cis-1,2-DCE, and

trans-1,2-DCE concentrations detected in March/ April 2004 were 65 ug/l, 69 ug/l and 4.7 ug/l, respectively. During this same sampling event, total VOC concentrations in samples from monitoring wells ranged from <1 ug/l to 82.7 ug/l, and from the pumping wells, from <1 ug/l to 76.5 ug/l. The location of the monitoring wells and pumping wells are presented in Figure 2, Site Plan Map. The area utilized in determining the quantity of potential residual groundwater contamination on-site taken from the December 21, 2004 site reclassification petition is also shown on the Site Plan Map for information in evaluating the potential for vapor intrusion.

BUILDING ASSESSMENT AND FINDINGS

During the assessment of the Campito building conducted on November 8 and 9, 2005 the following information was obtained: 1) the overall layout of the structure and interior of the building; 2) the location of footings and foundation systems; 3) the location of offices; 4) building uses; 5) the type of heating, ventilation and air conditioning (HVAC) systems in the building and their operation (make up air, circulation, fuel type, ducts, exhaust fans, etc.); 6) the type and quantity of chemicals used within the building and the areas in which they are located and used; and 7) the location of offices and building uses in relation to the area of residual groundwater contamination.

Building Layout, and Footings and Foundation Systems

The Campito building is comprised of four main areas including the Office Area, Shop, Fab Shop and Cold Storage. An As-Built First Floor Plan of the building layout (Drawing No. A-101), obtained from Campito, is included in Appendix A. The northeastern most portion and north central portion of the building is the Office Area. The Office Area and Shop were constructed of concrete block in 1968. Work Area 2 and the offices to the north and west of this area were originally part of the Shop, but converted to office space in the mid 1990's. Renovations were done to the Office Area in 2002. The Fab Shop and Cold Storage were constructed in 1990 and 1994, respectively, both of corrugated metal outer walls. The Fab Shop is insulated and the Cold Warehouse is not.

According to a Campito representative, the Office Area, Shop and Fab Shop were built as concrete slab-on-grade with perimeter and interior footings that extend approximately five to six feet below ground surface. The concrete thickness is not known, but estimated at 6 inches (this thickness was confirmed in the Shop and Fab Shop during the vapor monitoring). Extending between each footing in the Shop and Fab Shop are expansion joints. The Office Area is carpeted in all areas with the exception of the kitchen and bathrooms where tile is present. The closet adjacent to

the men's bathroom is the only area where the concrete floor slab is exposed in the Office Area. The Cold Warehouse was built over an existing asphalt paved surface that was formerly part of the outside yard area.

Building Uses and Heating, Ventilation and Air Conditioning Systems

The Shop is used for the storage of plumbing and HVAC supplies (piping, fittings, valves, etc.), which are used for everyday operations by Campito. The Fab Shop is where all welding operations take place. The Cold Warehouse is mainly used for the storage of HVAC units and other large equipment.

The building's HVAC systems are specific to the Office Area, Shop and Fab Shop. The Cold Warehouse does not house any kind of HVAC system. The Office Area is divided into three zones, with one HVAC system per zone. All AC units are located outside of the building along the northern most wall. Zone 1 is comprised of the eastern most portion of the offices extending to the kitchen. The boiler for this zone is located on the second floor of the Shop, directly over the utility closet. Combustion air is pulled from the outside for this boiler. Heat is also supplied to this zone through Finned tube radiation extending along the inside of the perimeter walls. Work Area 2 and the offices to the north of this area comprise HVAC system zone 2. The high efficiency condensing furnace for zone 2 is located on the second floor of the Shop, above the payroll office. HVAC system zone 3 is made up of the remaining office space, extending from zone 2 to the west wall of the Office Area. The high efficiency condensing furnace for zone 3 is located in the HVAC closet in that area. Heat is supplied to zones 2 and 3 through ceiling registers/diffusers. The Shop and Fab Shop each house two Modine heating units run by natural gas. The two units in the Shop are located in the northeast and southwest corners of the area. The two units in the Fab Shop are located along the eastern and southern walls of the area.

Inventory of Chemical Products

Cleaning supplies were found in minimal amounts within the storage closets in the Office Area. A cleaning service cleans the offices on a regular basis, utilizing products that are not stored within the facility. Cleaning supplies, and products used in welding and plumbing work including sealants, paints and paint thinner are stored on shelves in the center of the Shop. A drum of cutting oil and used oil were also stored in the Shop. Cylinders of welding gases and paint thinner are stored and used in the Fab Shop. Cylinders of welding gases and a select few chemical products are also stored in Cold Storage. A list of the chemical products present per area on-site was developed during the building assessment and was updated at the time of sample collection. The updated list is presented as Table 1.

Evaluation of Building for Penetrations and Cracks, and Screening for VOCs

Observations of the floors and walls of the building were made. Utility penetrations and cracks in the concrete floor were located. Floor drains are present in each of the bathrooms in the Office Area, and there is a sewer line penetration in the utility closet next to the kitchen. Two floor drains were also observed in the Shop near the overhead doors on the east and south sides. According to a Campito representative, the floor drains in the bathrooms discharge to the on-site subsurface septic tank and leach field and the floor drains in the Shop discharge to the on-site storm sewer system. According to the Campito representative, the Shop floor drain near the overhead door on the east side has been permanently plugged, and the floor drain near the overhead door on the south side has been temporarily plugged and will be permanently plugged pending access (currently covered with equipment). Utility penetrations in the Shop were limited to the floor drains, a 4-inch diameter sewer pipe through the floor slab in the eastern center portion of the Shop, and a water line penetration through the floor in the Shop manager's office. Expansion joints approximately 1-inch deep run between the I-beam supports in the Shop and Fab Shop. Some of these expansion joints did not have sealant in them. No cracks were observed in the concrete floor slab in the Shop. Cracks up to ten feet in length were observed in the concrete floor slab in the Fab Shop. At least one of the I-beam supports on the south perimeter wall of the Shop had up to three inches of exposed soil around it. The other perimeter I-beams in the area were not readily accessible due to cabinets and shelving in place. There was also a gap between the concrete floor and the corrugated metal walls in the Fab Shop. The approximate locations of where chemical products, utility penetrations and cracks were observed are shown on Figure 3, Site Visit Observations and Sampling Locations Map.

Areas where cracks and penetrations were found, the outside perimeter of the building, and general areas throughout the building were screened for volatile organic compounds (VOCs) with a MiniRae photoionization detector (PID) meter. In general, the PID readings were zero throughout the building, except for a PID reading of 6 parts per million (ppm) at the floor drain in the executive bathroom (recorded zero ppm when rechecked), 95 ppm at the funnel into the used oil drum in the Shop, and 4.5 ppm at a crack in the concrete floor slab in the center area of the Fab Shop. A copy of the Organic Vapor Headspace Analysis Log is enclosed in Appendix B.

Building Uses In Relation to Residual Groundwater Contamination

Based on the direction of groundwater flow, historically mapped to the northwest, the Shop and Fab Shop are downgradient of the area of residual groundwater contamination and the former groundwater remediation system pumping array. The

Shop is the portion of the building that is directly north of the pumping array. The offices in the northeastern portion of the building are at a parallel gradient with, but approximately 60 to 100 feet outside of the area of residual groundwater contamination. The offices north of the Shop are approximately 90 feet north of the pumping array.

MONITORING LOCATIONS AND SAMPLING PROCEDURES

Based on review of historical information and the findings of the building assessment, three soil vapor samples (SV-1 to SV-3); three sub-slab vapor samples (SV-4 to SV-6); one indoor air sample (Work Station 1 Indoor Air); and one outside air sample (Outside Ambient Air) were collected on December 22, 2005 as part of the vapor intrusion evaluation. One soil vapor sample was collected below the asphalt pavement near the building foundation of the Office Area, at approximately 6 feet (SV-1) from the building. Two soil vapor samples were collected below the asphalt pavement in the area between the former pumping array (near P1 and near P6 and P7) and the perimeter building foundation of the Shop portion of the building, at approximately 5.6 feet (SV-3) and 7.5 feet (SV-2) from the building, respectively. The three sub-slab vapor samples were collected from two locations in the Shop (SV-5 and SV-6) and one location in the Fab Shop (SV-4). The Outside Ambient Air sample was collected on the eastern side of the building at a height of approximately 4 feet above the ground. The Work Station 1 Indoor Air sample was collected within the building in the southeast corner of Work Station 1, at a height of approximately 4 feet above the finished floor elevation. The sampling locations are shown in Figure 3, Site Visit Observations and Sampling Locations Map.

In concrete floor slab areas, sub-slab vapor samples were collected by drilling a small hole (approximately 0.5 inch diameter) in the concrete and inserting polyethylene tubing to less than two inches below the slab. In asphalt pavement areas, the hole was advanced to approximately a foot below grade and the polyethylene tubing inserted to approximately 3 feet below grade using an expendable perforated stainless steel point driven to depth with a type of slam bar. Filpro #1 silica quartz sand was added to cover the tubing to approximately 1-inch below the surface of the concrete floor slab or approximately 6 inches below the surface of the asphalt pavement (i.e., up to bottom surface of asphalt pavement). The tubing was sealed in place with melted beeswax in the concrete areas and hydrated Bentonite powder in the asphalt pavement areas. Polyethylene sheeting was sealed around each sub-slab and soil vapor hole and an enclosure was sealed on top of the sheeting. The tubing, which extended from the ground, ran through the enclosure and out the top of it.

Three tubing volumes of air were then purged from the tubing using a personal

sampling pump and the air released into the atmosphere. Helium, an inert tracer gas, was then introduced into the enclosure and a sample of air was taken from the tubing and analyzed by a helium monitor to confirm the integrity of the seal around the tubing in the ground. No helium was detected above background levels of zero or 50 ppm (SV-2) at any of the sampling locations, except at SV-5, indicating the seals were intact. At sampling location SV-5, greater than 1% helium was detected above background levels suggesting a leak in the tubing seal. As a result, Bentonite was placed around and on top of the beeswax seal around the tubing extending from the floor slab at sampling location SV-5. The tubing seal was rechecked with the helium tracer gas and 225 ppm (0.02%) was detected above background indicating a good seal. After set up was complete at all sampling locations, the tubing was then connected to the regulator on a laboratory certified clean 6 liter (L) Summa canister and sample collection began. The vapor samples were collected at a flow rate of approximately 0.05 L/minute, over a 2 hour period of time, until the gauge on the canister indicated that there was no longer a vacuum or minimal vacuum remained. Each Summa canister regulator was calibrated to a flow rate of 0.05 L/minute by the analytical laboratory. The integrity of the tubing seal was checked at completion of sampling in the same manner as it was prior to sample collection. Helium was not detected at a significant amount (0.01 to 0.13%) at any of the sampling locations post sampling indicating the tubing seals remained intact during the sampling. At completion of the vapor sampling, the tubing was removed and the holes were filled in with hydraulic cement.

Indoor and outdoor ambient air samples were collected at the same time, at the same flow rate and for the same duration as the sub-slab and soil vapor samples in laboratory certified clean 6L Summa canisters. Indoor and outdoor air samples were collected by attaching a regulator calibrated to 0.05 L/minute onto the canister and opening it.

Quality assurance/quality control (QA/QC) samples were collected during the sampling and consisted of one blind field duplicate sample, taken at the SV-6 sub-slab vapor location, and a trip blank. The field duplicate sample was collected by splitting the tubing from sample location SV-6 using a T-assembly provided by the laboratory. The T-assembly directed the vapor being extracted to each of the Summa canisters (the SV-6 sample canister and the Duplicate sample canister) concurrently. A blind sample time was recorded on the chain of custody record for the Duplicate sample. The trip blank accompanied the empty canisters when shipped from the laboratory, through sample collection and during shipment back to the laboratory to check for contamination during transport.

At completion of sampling, custody seals were placed on the canisters over where the

regulators were removed and on the shipping container; a chain of custody record was completed; and the samples were shipped via Federal Express to Severn Trent Laboratories, Inc. of Colchester, Vermont for laboratory analysis.

LABORATORY ANALYSES AND EVALUATION OF RESULTS

Soil vapor samples, sub-slab vapor samples, indoor and outdoor air samples, field duplicate and trip blank were analyzed for the target list of VOCs by EPA Method TO15. Laboratory analyses were performed by Severn Trent Laboratories, Inc. of Colchester, Vermont (STL Burlington), a NYSDOH ELAP (Environmental Laboratory Approval Program) certified laboratory (ELAP No. VT972). Soil vapor, sub-slab vapor and air sampling results for groundwater related VOCs, TCE, cis-1,2-DCE and trans-1,2-DCE, are presented in summary form in Table 2, along with NYSDOH and EPA criteria obtained from the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York - Public Comment Draft, February 2005 (NYSDOH Draft Soil Vapor Intrusion Guidance) for comparison. All detected VOCs are summarized in Table 3. A copy of the laboratory's Sample Data Summary Package (laboratory analysis report and chain of custody record) is enclosed in Appendix C. The complete Data Deliverable Package is available at the offices of C.T. Male. The sampling locations are shown in Figure 3, Site Visit Observations and Sampling Locations Map.

Laboratory Analyses Results

Five VOCs were detected in the Outside Ambient Air sample, benzene, chloromethane, dichlorodifluoromethane, toluene and trichlorofluoromethane. None of these VOCs are associated with the residual groundwater contamination. These analytes, except for chloromethane, were also detected in soil vapor samples SV-1, SV-2 and SV-3. Analytes which were detected in one or more soil vapor samples but not in the outdoor air sample, were 1,3-butadiene (SV-1), chloroform (SV-3), ethylbenzene, n-heptane, methylene chloride (SV-3), TCE (SV-3), 1,2,4-trimethylbenzene (SV-2 and SV-3) and xylenes (m&p-, o- and total). Only TCE detected at 5.9 ug/m^3 in the soil vapor sample SV-3 is associated with residual groundwater contamination.

Fifteen VOCs were detected in the Work Station 1 Indoor Air sample, acetone, benzene, chloromethane, 1,4-dichlorobenzene, dichlorodifluoromethane, ethylbenzene, 4-ethyltoluene, n-heptane, methylene chloride, toluene, trichlorofluoromethane, 1,2,4-trimethylbenzene and xylenes (m&p-, o- and total). These analytes, except for chloromethane and 1,4-dichlorobenzene, were also detected in one or more of the sub-slab vapor samples SV-4, SV-5 and SV-6. Analytes that were detected in one or more sub-slab vapor samples, but not in the indoor air sample were 1,3-butadiene (SV-5), cyclohexane (SV-5), n-hexane (SV-5 and SV-6), methyl ethyl

ketone (MEK) and 2,2,4-trimethylpentane (SV-5). None of these VOCs detected in the indoor air sample or the sub-slab vapor samples are associated with the residual groundwater contamination.

The following VOCs detected in soil vapor, sub-slab vapor and/or air samples were identified as chemical ingredients in the products inventoried on-site (refer to Table 1): acetone, cyclohexane, n-hexane, xylenes, MEK, methylene chloride, toluene (i.e., Toluol), TCE and trichlorofluoromethane. Several VOCs detected in vapor and/or air samples were not specifically listed as ingredients in the products inventoried, but anticipated to be present based on the chemical ingredient description (i.e., petroleum spirits, petrodistillates, aromatic hydrocarbon) or product description (i.e., cutting oil, used oil, gasoline, kerosene) including: benzene, ethylbenzene, 1,2,4-trimethylbenzene, toluene and xylenes.

In general there was good correlation in the laboratory analyses results for the sample SV-6 and its field duplicate, identified as Duplicate. Also, no VOCs were detected in the trip blank.

Evaluation of Results

The objective of this vapor intrusion evaluation was to determine if vapor intrusion of VOCs from groundwater into the Campito building at 3 Hemlock Street is occurring or if there is a potential for vapor intrusion into the building. Therefore only VOCs associated with residual groundwater contamination, TCE, cis-1,2-DCE and trans-1,2,-DCE, are addressed.

No TCE, cis-1,2-DCE or trans-1,2-DCE were detected in the outside (ambient) or indoor air samples collected. The laboratory detection limit for TCE of 1.1 ug/m^3 and for cis-1,2-DCE of 0.79 ug/m^3 for the Outside Ambient Air and Work Station 1 Indoor Air sample results were within the EPA outdoor and indoor background levels for offices, respectively (Table 2). No criteria is given in the NYSDOH Draft Soil Vapor Intrusion Guidance for trans-1,2-DCE. No TCE, cis-1,2-DCE or trans-1,2-DCE were detected in the soil vapor or sub-slab vapor samples, except as noted above, TCE at 5.9 ug/m^3 in the soil vapor sample SV-3. Sample SV-3 was collected between the former groundwater remediation pumping array (near P1) and the Shop portion of the building.

According to the NYSDOH Draft Soil Vapor Intrusion Guidance, New York State does not have standards, criteria or guidance values for concentrations of compounds in subsurface vapors, and soil vapor results therefore should be compared to background outdoor air levels, site-related outdoor air sampling results and NYSDOH air

guideline values. The TCE detected in soil vapor sample SV-3 was slightly above the EPA outdoor background levels and the NYSDOH air guideline value of 5 $\mu g/m^3$ (Table 2). However, TCE was not detected in the Outside Ambient Air sample, in the sub-slab vapor samples (SV-4 to SV-6) or in the Work Station 1 Indoor Air sample. In accordance with the NYSDOH Draft Soil Vapor Intrusion Guidance, the NYSDOH Soil Vapor/Indoor Air Matrix 1 decision matrix was utilized to determine if additional action is warranted.

The NYSDOH Soil Vapor/Indoor Air Matrix 1 decision matrix from the NYSDOH Draft Soil Vapor Intrusion Guidance indicates that if the amount of TCE detected within a sub-slab vapor sample is less than 5 $\mu g/m^3$, or greater than 5 $\mu g/m^3$ but less than 50 $\mu g/m^3$ and no TCE is detected within the indoor air then no further action is required. TCE was not detected in the sub-slab vapor samples or in the Work Station 1 Indoor Air sample, therefore, based on the NYSDOH Soil Vapor/Indoor Air Matrix 1 decision matrix no further action is required.

SUMMARY AND CONCLUSIONS

On behalf of National Semiconductor, C.T. Male completed a soil vapor intrusion evaluation and monitoring as requested by NYSDEC's letter dated June 30, 2005 at 3 Hemlock Street in the Town of Colonie, New York. The objective of this evaluation was to determine if vapor intrusion of VOCs from groundwater into the Campito building at 3 Hemlock Street is occurring or if there is a potential for vapor intrusion into the building. This soil vapor intrusion evaluation is the final step required before review of the site reclassification petition can resume, and the remaining monitoring and pumping wells abandoned.

Vapor intrusion monitoring included the collection and laboratory analyses for VOCs of three soil vapor samples; three sub-slab vapor samples; one indoor air sample; and one outside ambient air sample. The results were evaluated to determine if chlorinated VOCs from residual groundwater contamination at the site are present within soil vapor and sub-slab vapor at the site and if these VOCs are migrating into the indoor air of the Campito building. As described above, of the VOCs detected in soil vapor, sub-slab vapor and air samples, the only contaminant detected, which is associated with residual groundwater contamination, was TCE at a concentration of 5.9 ug/m^3 in soil vapor sample SV-3. Sample SV-3 was collected between the former pumping array (near P1) and the Shop portion of the building. No TCE was detected in any other soil vapor, sub-slab vapor, indoor air or outside ambient air sample.

Based on the findings of this vapor intrusion evaluation, vapor intrusion of VOCs from groundwater into the Campito building at 3 Hemlock Street is not occurring. Nor is

there a potential for vapor intrusion, because no VOC groundwater contaminants were detected in sub-slab vapor samples. In accordance with the NYSDOH Soil Vapor/Indoor Air Matrix 1 decision matrix, no further action is required, because no VOC groundwater contaminants were detected in sub-slab vapor and indoor air samples.

If you have any questions, please call me at (518) 786-7492.

Respectfully submitted,

C.T. MALE ASSOCIATES, P.C.

Elizabeth W. Rovers

Elizabeth W. Rovers, P.E.
Managing Engineer

Enclosures

c: Rich Banks, National Semiconductor
Mark Van Valkenberg, NYSDOH
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Peter Campito, Campito Plumbing & Heating

TABLES

TABLE 1 – PRODUCT INVENTORY

TABLE 2 – SUMMARY OF GROUNDWATER RELATED VOCS ANALYTICAL RESULTS

TABLE 3 – SUMMARY OF DETECTED VOCS ANALYTICAL RESULTS

TABLE 1
PRODUCT INVENTORY
NATIONAL SEMICONDUCTOR CORPORATION SITE
3 HEMLOCK STREET, TOWN OF COLONIE, NY

Location	Product Description	Size (units)	Condition	Chemical Ingredients[1][2][4]	Observed November 2005	Observed December 2005
Office						
Closet near Bathrooms	Stainless Steel Cleaner	18 oz	opened	Petroleum spirits, D-Limonene	X	X
Utility Closet next to Kitchen	Disinfectant Cleaner	1 gal jugs	new	Didecyl dimethyl ammonia chloride, N-alkyl dimethyl benzyl ammonia chloride	X	X
Shop						
2nd Floor Storage	Lead Wool	1 lb	in a paper bag	Lead	X	X
	Bar and Chain Lube	1 gal	opened	Oil	X	X
	Roof Cement	1 gal	opened		X	X
4th Row of Shelving Area[3]	Silicone Sealant	10.1 fl oz	new	Silicone	X	X
	Caulk	10.3 fl oz	new	Calcium Carbonate, Mineral Spirits	X	X
	Non-Silicone Sealant	10 fl oz	new	Adhesives	X	X
	Gasket Remover	12oz	new	Methylene chloride, xylenes, isopropanol, petrodistillates	X	X
	Form A Gasket Sealant	11 oz	new	Isopropyl Alcohol	X	X
	Plastic Adhesive	5 fl oz	new	Acetone	X	X
	Spray Adhesive	10.5 oz	new	Acetone, hexane, cyclohexane	X	X
	Spray Paints	12 oz	new	Aliphatic hydrocarbons, hexane	X	X
	Leak Lock	4 fl oz	new		X	X
	Pipe Thread Sealant	1 pt	new		X	X
	Plumbers Putty	5 lbs	new		X	X
	Pipe and Joint Lube	2 lbs	new		X	X
	Thread Sealant	8 fl oz	new		X	X
	Joint Compound	14 oz and 1 lb	new	Lead	X	X
	Lead Free Solid Wire Solder	16 oz	new	Tin, Copper, Silver	X	X
	Solder Paste	1.8 oz	new	Zinc chloride	X	X
	Paste Flux	1.7 oz and 16 oz	new		X	X
	PVC Primer	1 qt and 16 fl oz	new	MEK, Cyclohexane, Tetrahydrofuran	X	X
	Firestop Sealant	5 gal jugs	new	Calcium carbonate, Ammonium polyphosphate	X	X
	Acrylic Firestop Sealant	600 mL	new	Acrylic polymer, water, mineral oil, silica, carbon black	X	
	Cold Weather Paste Flux	16 oz	new	Zinc chloride		X
3rd Row of Shelving Area	Denatured Alcohol	32 fl oz	opened	Alcohol	X	X
	Xylol	32 fl oz	opened	Xylenes	X	X
	Break Cleaner	18 oz	opened	TCE	X	X
	Paint Thinner	1 gal	opened	VOC Content = 6.5 lbs/gal	X	X
	Hornet and Wasp Killer	18 oz	opened		X	X
	Concentrated Copolymer Penetrant	11 oz	opened	Aromatic hydrocarbon, surfactant, Dipropylene Glycol Methyl Ether, CO2 Propellant		X
	De-Icer	11 oz	opened	Ethylene Glycol		X
Near Double Overhead Doors	Formula 1961	50 lbs	new	Sodium hydroxide	X	
End of 5th Row of Shelving Area	Cutting Oil	55 gal drum	opened		X	X
	Used Oil	55 gal drum	opened		X	X
Under Work Bench	Dry Gas	16 oz	new	Ethanol, Nitrogen		X
Fab Shop						

TABLE 1
PRODUCT INVENTORY
NATIONAL SEMICONDUCTOR CORPORATION SITE
3 HEMLOCK STREET, TOWN OF COLONIE, NY

Location	Product Description	Size (units)	Condition	Chemical Ingredients[(1)(2)(4)]	Observed November 2005	Observed December 2005
Each Work Station	Acetylene	390 cu ft	opened		X	X
	Argon	300 cu ft	opened		X	X
	Oxygen	300 cu ft	opened		X	X
	Welding Rods	50 lbs	opened	Manganese	X	X
	Paint Thinner	1 gal	opened		X	X
Work Bench near Shop Door	Spray Paint	12 oz	opened	Acetone, propane, Toluol, n-butane, methylpropyl ketone, glycol ether		X
	Welding Rods	50 lbs	opened/new	Manganese		X
Cold Storage						
Near Eastern Wall	Plastic Pipe Cement	1 gal	new	MEK, Cyclohexane, PVC Resin, clay	X	
	Pipe Primer	1 gal	new	THF, MEK, Cyclohexane	X	
	Argon	300 cu ft	new		X	X
	Oxygen	300 cu ft	new		X	X
	Acetylene	150 cu ft	new		X	X
	CO2 with Syphon	100 cu ft	new		X	X
	Methyl Acetylene with Propadiene mixture	50 cu ft	new		X	X
	Acetylene Dissolved	75 cu ft	new		X	X
Near Southern Wall	Propane Tanks		used		X	X
	Formula 1961	5 gal	new	Sodium hydroxide	X	X
	Freon 11	30 gal drum	empty	Trichlorofluoromethane	X	X
Near Southeastern Wall	Methyl Acetylene with Propadiene mixture	50 cu ft	new		X	X
	Acetylene Dissolved	75 cu ft	new		X	X
	Cutting Oil	1 gal	new		X	X
Outside						
Outside in Front Yard	Microorganism control chemical	55 gal drum	opened		X	X
	Propylene glycol	55 gal drum	empty		X	X
	Heat Transfer Fluid	55 gal drum	empty		X	X
	Freon 11	30 gal drum	empty		X	X
	Gasoline	5'2" wide by 3'2" diameter AST in secondary containment	good (filled once a year)		X	X
	Flammable Cabinet with 5 gal gasoline and kerosene cans				X	X

Notes:
(1) Only the main or volatile organic compounds are listed.
(2) Where chemical ingredients are not listed, the main ingredients are within the product name.
(3) Products in 4th row of the Shop are bulk storage supplies for daily operations.
(4) Each area storing the chemical products was screened for VOCs using a PID meter. No PID hits were noted except at opening of used oil drum.
AST = Above ground storage tank

TABLE 2
SUMMARY OF GROUNDWATER RELATED VOLATILE ORGANIC COMPOUNDS (VOCS) ANALYTICAL RESULTS
NATIONAL SEMICONDUCTOR CORPORATION SITE
3 HEMLOCK STREET, TOWN OF COLONIE, NY

		Outdoor					Soil Vapor Samples			Indoor					Sub-Slab Vapor Samples			
Parameter	**NYSDOH Air Guideline Value[1]**	**NYSDOH Study[2]** Homes in NYS 1997 - 2003	**EPA BASE Background Level[3]** Offices 1994 - 1998	**NYSDOH Control Home Database[4]** Homes in NYS 1989 - 1996	**EPA Database Background Levels[5]** Homes & Offices 1970 - 1988	**Outside Ambient Air Sample**	**SV-1**	**SV-2**	**SV-3**	**NYSDOH Study[2]** Homes in NYS 1997 - 2003	**EPA BASE Background Levels[3]** Offices 1994 - 1998	**NYSDOH Control Home Database[4]** Homes in NYS 1989 - 1996	**EPA Database Background Levels[5]** Homes & Offices 1970 - 1988	**Work Station 1 Indoor Air Sample**	**SV-4**	**SV-5**	**SV-6**	**DUPLICATE (SV-6)**
cis-1,2-Dichloroethene	NA	<0.25	<1.0	<1.0	ND - 0.45	<0.79	<0.79	<0.79	<0.79	<0.25	<1.0	<1.0	NA	<0.79	<2.4	<1.6	<0.79	<0.79
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	<0.79	<0.79	<0.79	<0.79	NA	NA	NA	NA	<0.79	<2.4	<1.6	<0.79	<0.79
Trichloroethene	5	<0.25	<1.5	<1.7	0.05 - 2.5	<1.1	<1.1	<1.1	**5.9[6]**	<0.25	<1.2 - 1.2	<2.7	ND - 4.5	<1.1	<3.2	<2.1	<1.1	<1.1

Notes:
All values reported in ug/m^3.
Bold results indicate a detected analyte.
Only the criteria for the VOCs associated with the residual groundwater contamination are given.
< = Less than the associated laboratory reporting limit.
NA = Not Available
ND = Not Detected. Chemical was not detected, and detection limits were not provided.
[1] Air guideline values derived by the NYSDOH, obtained from the Guidance for Evaluating Soil Vapor Intrusion in the State of New York - Public Comment Draft, February 2005.
[2] Summary of Indoor and Outdoor Levels of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes in NYS, 1997 to 2003. Unpublished. New York State Department of Health, Bureau of Toxic Substance Assessment.
[3] Building Assessment and Survey Evaluation (BASE '94-'98). Unpublished. Indoor Environments Division, United States Environmental Protection Agency, Washington, DC.
[4] Background Indoor/Outdoor Air Levels of Volatile Organic Compounds in Homes Sampled by the New York State Department of Health, 1989-1996. 1997. New York State Department of Health, Bureau of Toxic Substance Assessment.
[5] National Ambient Volatile Organic Compounds (VOCs) Data Base Update. 1988. Nero and Associates, Portland OR, for the United States Environmental Protection Agency, Research Triangle Park, NC. EPA PB88-195631.
[6] Soil vapor results exceeding the NYSDOH Air Guideline Values are compared to indoor ambient air results to determine further action (per Matrix 1 of the NYSDOH Draft Guidance for Evaluating Soil Vapor Intrusion in the State of New York).

TABLE 3
SUMMARY OF DETECTED VOLATILE ORGANIC COMPOUNDS (VOCS) ANALYTICAL RESULTS
NATIONAL SEMICONDUCTOR CORPORATION SITE
3 HEMLOCK STREET, TOWN OF COLONIE, NY

		Soil Vapor Samples				Sub-Slab Vapor Samples			
Parameter	**Outside Ambient Air Sample**	**SV-1**	**SV-2**	**SV-3**	**Work Station 1 Indoor Air Sample**	**SV-4**	**SV-5**	**SV-6**	**DUPLICATE (SV-6)**
Acetone	<12	<12	<12	<12	**15**	**210**	**140**	**23**	**24**
Benzene	**1.2**	**1.8**	**1.9**	**1.7**	**2.4**	**5.1**	**21**	**4.8**	**4.8**
1,3-Butadiene	<1.1	**1.7**	<1.1	<1.1	<1.1	<3.3	**5.5**	<1.1	<1.1
Chloroform	<0.98	<0.98	<0.98	**1**	<0.98	**4.2**	**7.8**	<0.98	<0.98
Chloromethane	**2.3**	<1.0	<1.0	<1.0	**2**	<3.1	<2.1	<1.0	<1.0
Cyclohexane	<0.69	<0.69	<0.69	<0.69	<0.69	<2.1	**2.7**	<0.69	<0.69
1,4-Dichlorobenzene	<1.2	<1.2	<1.2	<1.2	**1.4**	<3.6	<2.4	<1.2	<1.2
Dichlorodifluoromethane	**4.7**	**4.2**	**4.6**	**4.7**	**4.5**	<7.4	<4.9	**4.1**	**4.5**
Ethylbenzene	<0.87	**1.3**	**1.4**	**1.7**	**1.1**	**15**	**5.2**	**3.8**	**3.6**
4-Ethyltoluene	<0.98	<0.98	<0.98	<0.98	**1.1**	**4.1**	**3.4**	**2.6**	**2.5**
n-Heptane	<0.82	**1.3**	**1.8**	**1.6**	**1.7**	**4.5**	**6.1**	**2.7**	**2.7**
n-Hexane	<1.8	<1.8	<1.8	<1.8	<1.8	<5.3	**13**	**2.2**	**2.3**
Methyl Ethyl Ketone (MEK)	<1.5	<1.5	<1.5	<1.5	<1.5	**16**	**7.7**	**3.5**	**3.8**
Methylene Chloride	<1.7	<1.7	<1.7	**2**	**7.3**	**220**	**97**	**13**	**13**
Styrene	<0.85	<0.85	<0.85	<0.85	<0.85	<2.6	<1.7	**1**	**0.94**
Toluene	**1.8**	**6**	**6.4**	**7.2**	**7.2**	**190**	**45**	**20**	**20**
Trichloroethene	<1.1	<1.1	<1.1	**5.9**	<1.1	<3.2	<2.1	<1.1	<1.1
Trichlorofluoromethane	**2.4**	**2.1**	**2.2**	**2.4**	**62**	**3.5**	**15**	**11**	**12**
1,2,4-Trimethylbenzene	<0.98	<0.98	**1**	**0.98**	**1.6**	**3.8**	**4.3**	**3.2**	**2.9**
2,2,4-Trimethylpentane	<0.93	<0.93	<0.93	<0.93	<0.93	<2.8	**2.7**	<0.93	<0.93
m,p-Xylenes	<2.2	**4**	**4.2**	**4.8**	**3.2**	**52**	**17**	**11**	**10**
o-Xylene	<0.87	**1.2**	**1.3**	**1.4**	**1.2**	**10**	**5.2**	**3.4**	**3.3**
Xylenes (total)	<0.87	**5.2**	**5.2**	**6.1**	**4.3**	**61**	**21**	**14**	**13**

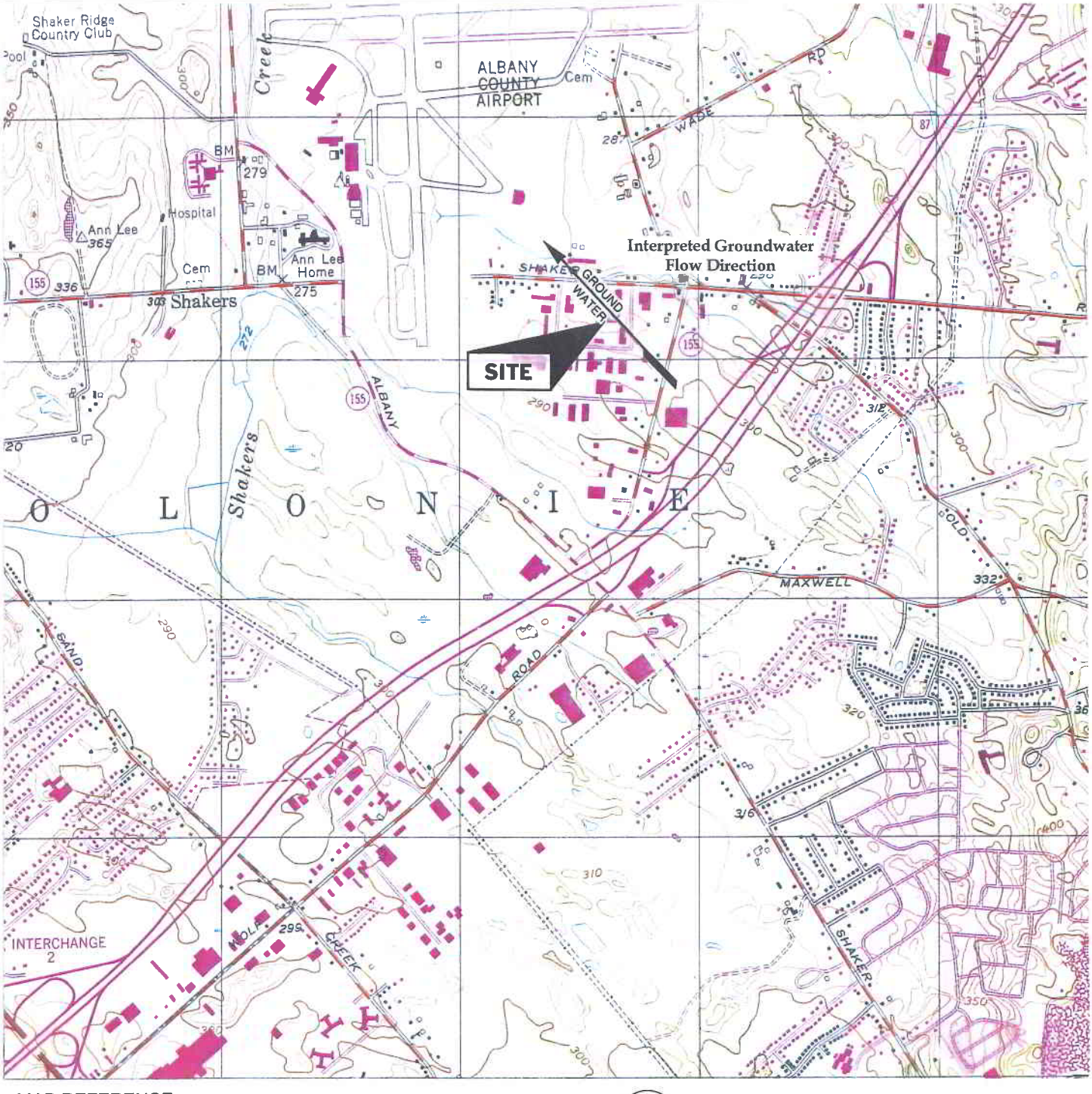
Notes:
All values reported in ug/m^3.
Bold results indicate a detected analyte.
< = Less than the associated laboratory reporting limit.

FIGURES

FIGURE 1 – SITE LOCATION MAP

FIGURE 2 - SITE PLAN MAP

FIGURE 3 – SITE VISIT OBSERVATIONS AND SAMPLING LOCATIONS MAP



MAP REFERENCE:
U.S.G.S. ALBANY QUADRANGLE (1980)
7.5 MIN. SERIES

NORTH

FIGURE 1

C.T. MALE ASSOCIATES, P.C.

50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
(518) 786-7400 • FAX (518) 786-7299
Engineering • Land Surveying • Building Systems • Landscape Architecture
Environmental Services • Computer Services

SITE LOCATION MAP
GROUNDWATER REMEDIATION SYSTEM EVALUATION
NATIONAL SEMICONDUCTOR CORPORATION
HEMLOCK STREET FACILITY

		Town of Colonie	Albany County, N.Y.
Drafter: C. Round	Date: April 1, 1996	Scale: 1"= 2000 ft.	Proj. No. 95.6023

LEGEND

OE	OVERHEAD ELECTRIC WIRE
	CATCH BASIN / STORM SEWER
W	WATER LINE & VALVE
	HYDRANT
	EXISTING MONITORING WELLS
P1	EXISTING PUMPING WELLS 33' DEEP, 30' SCREEN
T.O.P.	TOP OF PVC PIPE ELEVATION
GR.=	GRADE ELEVATION
VP	SOIL VAPOR PROBE. ABANDONED. TYPICAL
SW	AIR SPARGING TEST WELL. ABANDONED.
VE	VAPOR EXTRACTION TEST WELL
NVEW-2	NEW VAPOR EXTRACTION WELL. ABANDONED. TYPICAL.
NP11	NEW PUMPING WELL, 39' DEEP, 27' SCREEN. TYPICAL
VB	VALVE BOX
UE	UNDERGROUND ELECTRIC
	VENT PIPE FOR SUBSURFACE DISPOSAL SYSTEM APPROX. LOCATION

LIMITS OF AREA UTILIZED IN PORE VOLUME CALCULATION FOR DETERMINING POTENTIAL RESIDUAL GROUNDWATER CONTAMINATION, FROM 12/21/04 SITE RECLASSIFICATION PETITION.

LANDS N/F
VELLANO BROTHERS INC.

4' HIGH CHAIN LINK FENCE

FAB SHOP

COLD STORAGE

METAL SHED

SHOP

CAMPITO PLUMBING & HEATING
3 HEMLOCK STREET

OFFICE AREA

M-7S DESTROYED

M-16 DESTROYED

M-12 GR.=294.41 T.O.P.=294.13

M-1 ABANDONED

M-10 GR.=294.58 T.O.P.=294.23

M-3D GR.=294.65 T.O.P.=294.54

M-3 GR.=294.72 T.O.P.=289.04

M-11 GR.=295.02 T.O.P.=294.70

M-17 ABANDONED

M-19S GR.=293.84 T.O.P.=293.51

M-19D ABANDONED

M-5 DESTROYED

M-9 GR.=293.42

P9 GR.=293.86

P10 ABANDONED

M-15 ABANDONED

M-18 ABANDONED

MH GR.=293.46

ABANDONED SEEPAGE PIT

M-6 ABANDONED

M-4N GR.=293.65 T.O.P.=296.36

M-4S GR.=294.72 T.O.P.=294.52

M-2 ABANDONED

P1 T.O.P.=294.28
P2 T.O.P.=294.36
P3 T.O.P.=294.65
P4 ABANDONED
P5 ABANDONED
P6 T.O.P.=294.75
P7 ABANDONED
P8 ABANDONED

CB GR.=294.22

CB

NP11 ABANDONED

NP12 T.O.P.=294.25

NP13 ABANDONED

VE T.O.P.=293.03

SW

NVEW-1
NVEW-2
NVEW-3
NVEW-4
NVEW-5
NVEW-6

VP-A
VP-B
VP-C
VP-D
VP-E
VP-F
VP-G
VP-H
VP-I
VP-J
VP-K
VP-L
VP-M
VP-N

HYDRANT

VB

UP

PVC PUMP DISCHARGE PIPING TO STRIPPING TOWER (UG). UNDER GROUND ELECTRIC IN SAME TRENCH.

FORMER 6" PVC SCH 40 DISCHARGE PIPE FROM STRIPPING TOWER (AG) TO STORM SEWER.

PVC PUMP DISCHARGE PIPING TO STRIPPING TOWER (UG). UNDER-GROUND ELECTRIC IN SAME TRENCH.

FORMER PUMP CONTROL PANEL

FORMER CONCRETE PAD FOR AIR STRIPPING TOWER AND ASSOCIATED BLOWER.

FORMER SERVICE PANEL OF UTILITY POLE

FORMER CONTROL PANEL FOR NP11, 12, 13

FORMER CHEMICAL STORAGE SHED

(UG) UNDERGROUND ELECTRIC TO VES CONTROL BUILDING

4" EXTENSION W/END CAP

4" PVC SCH 40 PIPE TIE INTO EXISTING DISCHARGE LINE TO AIR STRIPPING TOWER, UNDERGROUND ELECTRIC (UG) IN SAME TRENCH.

EXISTING SEPTIC TANK MANWAY

APPROX. LOCATION EXISTING SUBSURFACE DISPOSAL SYSTEM

VENT PIPE TYPICAL

3" PVC SCH 40 PIPE FROM VAPOR EXTRACTION WELLS (TYPICAL)

ELECTRICAL SERVICE PANEL FOR VES CONTROL BUILDING

CONTROL PANEL FOR VACUUM BLOWER

FORMER VES CONTROL BUILDING

FORMER SOLVENT STORAGE AREA

FORMER NATIONAL SEMICONDUCTOR CORPORATION FACILITY
5 HEMLOCK STREET

HEMLOCK STREET

HEMLOCK STREET

STREET BOUNDARY

STREET BOUNDARY

SPLIT BOUNDARY

EDGE OF PAVEMENT

EDGE OF PAVEMENT

STOCKADE FENCE

STOCKADE FENCE

ASPHALT PAVED SIDEWALK

ASPHALT PAVEMENT

LAWN

APPROX. LOCATION

BENCH MARK
HYD - NHOA
ELEV=295.56

NOTE:
1. THE LOCATIONS AND FEATURES DEPICTED ON THIS MAP ARE APPROXIMATE AND DO NOT REPRESENT AN ACTUAL FIELD SURVEY.

MAP REFERENCE:
1. MAP BASED ON INFORMATION FROM C.T. MALE ASSOCIATES, P.C. SURVEY TAKEN ON 11/15/91 AND 8/26/93; AND "SITE PLAN NSC-HEMLOCK STREET FACILITY" BY C.T. MALE ASSOCIATES, P.C., DATED SEPTEMBER 19, 1983, DWG NO. 83-283.

DATE		REVISIONS RECORD/ DESCRIPTION	DRAFTED	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

PROJ. NO : 95.6023
DESIGNED :
DRAFTED : J.KARON
CHECKED : L.ROVERS

FIGURE 2
SITE PLAN MAP

NATIONAL SEMICONDUCTOR CORPORATION
HEMLOCK ST. FACILITY

TOWN OF COLONIE — ALBANY COUNTY, N.Y.

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
(518) 786-7400 * FAX (518) 786-7299
ENGINEERING * SURVEYING * ARCHITECTURE * LAND PLANNING
LANDSCAPE ARCHITECTURE * COMPUTER SERVICES

SCALE: 1" = 40'
SHEET 1 OF 2
DATE: FEB. 14, 2006
DWG. NO: 06-0164

PLOT SCALE FACTOR: 1=40
CAD DWG. FILE NAME: SITE PLAN MAP.DWG
CAD DWG. FILE NAME:

NO XREFS

PROJECT NUMBER:

CAD DWG. FILE NAME: SITE VISIT AND SAM MAP.DWG

LEGEND

- SV-1 — APPROXIMATE VAPOR SAMPLING LOCATION. COLLECTED 12/22/05. TYPICAL.
- INDOOR — APPROXIMATE INDOOR AIR SAMPLING LOCATION. COLLECTED 12/22/05. TYPICAL.
- OUTDOOR — APPROXIMATE OUTDOOR (AMBIENT) AIR SAMPLING LOCATION. COLLECTED 12/22/05. TYPICAL.
- HSV-1 — HISTORICAL SOIL VAPOR SAMPLING LOCATION. COLLECTED IN 1990. TYPICAL.

MAP REFERENCE:
1. MAP BASED ON INFORMATION FROM "CAMPITO PROPERTIES, 3 HEMLOCK STREET AS-BUILT DRAWING, FIRST FLOOR PLAN" SHEET NO. A-101, DATED 10/15/03.

NOTE:
1. THE LOCATIONS AND FEATURES DEPICTED ON THIS MAP ARE APPROXIMATE AND DO NOT REPRESENT AN ACTUAL FIELD SURVEY.

BAR SCALE
8 0 4 8 16
1 inch = 8 ft.

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			

DESIGNED:
DRAFTED : J.KARON
CHECKED : L.ROVERS
PROJ. NO: 95.6023
SCALE : 1" = 8'
DATE : FEB. 14, 2006

FIGURE 3 - SITE VISIT OBSERVATIONS AND SAMPLING LOCATIONS MAP VAPOR INTRUSION EVALUATION

NATIONAL SEMICONDUCTOR CORPORATION HEMLOCK ST. FACILITY

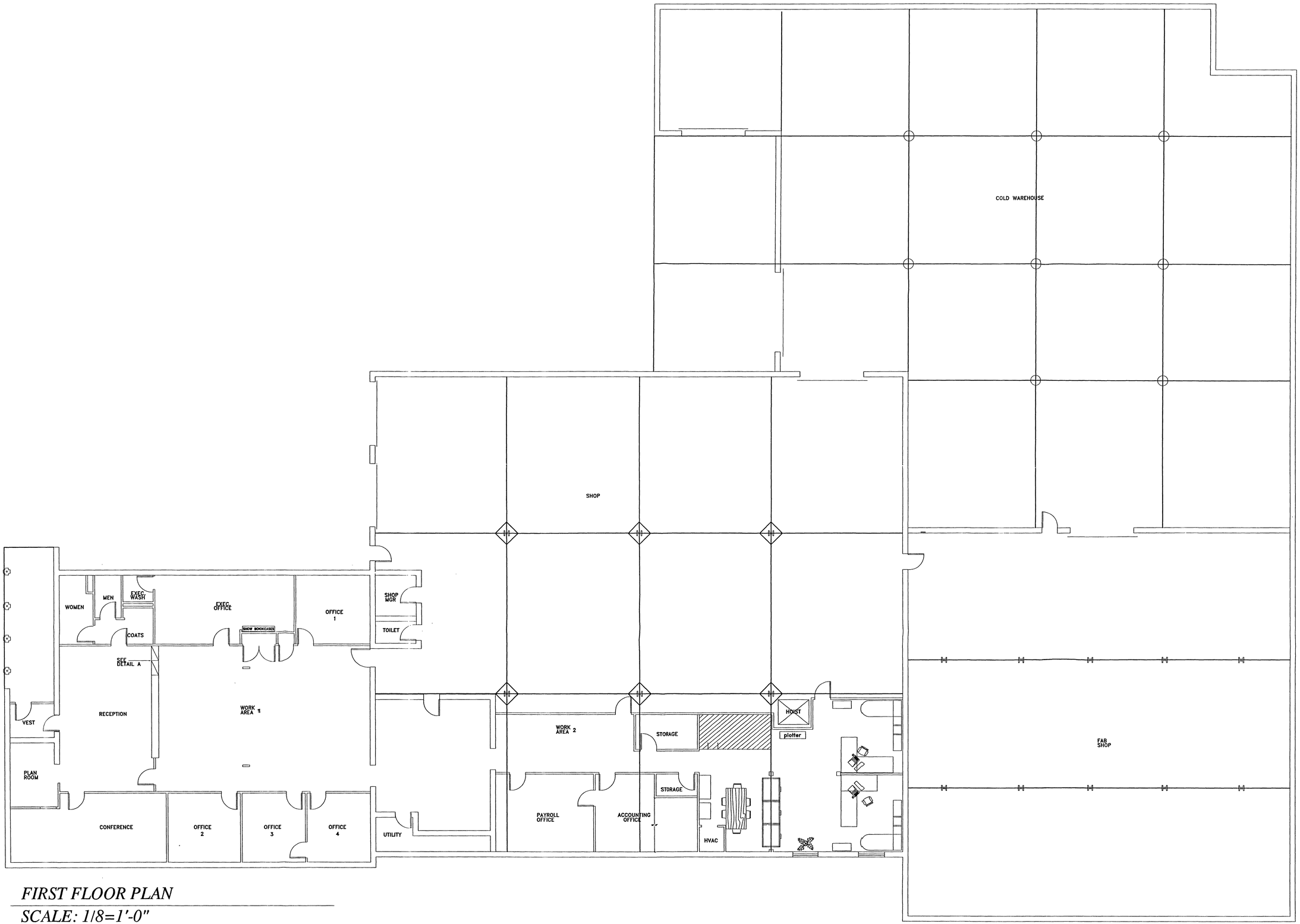
TOWN OF COLONIE — ALBANY COUNTY, N.Y.

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

SHEET 2 OF 2
DWG. NO: 06-0164

APPENDIX A

DRAWINGS



FIRST FLOOR PLAN

SCALE: 1/8=1'-0"

CAMPITO PROPERTIES
P.O. BOX 712 3 HEMLOCK STREET LATHAM,NEW YORK 12110
518-785-0004
FAX 518-785-0708

NOTES:

-REVISIONS-

-REVISIONS-

TITLE: CAMPITO PROPERTIES
3 HEMLOCK STREET
AS-BUILT DRAWING

SCALE: AS NOTED
DATE: UPDATED 10/15/3
DRAWN: DJK
CH BY: PJC
TITLE: 3 HEMLOCK AS BUILT
FILE: 3 HEMLOCK AS BUILT

SHEET NO.

A-101

APPENDIX B

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

a

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT: NSC - Vapor Intrusion Building Assessment	**PROJECT #: 95.6023**	**PAGE 1 OF 2**
CLIENT: National Semiconductor Corporation		**DATE**
LOCATION: 3 Hemlock Street, Town of Colonie, NY		**COLLECTED: 11/9/05**
INSTRUMENT USED: Mini RAE 2000	**LAMP eV**	**DATE**
DATE INSTRUMENT CALIBRATED: 11/9/05	**BY: Nathan Freeman**	**ANALYZED: 11/9/05**
TEMPERATURE OF SOIL:		**ANALYST: Megan Drosky**

EXPLORATION NUMBER	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	LOCATION	HEIGHT OF READING	REMARKS
1	0.0	0.0	Offices	Breathing level	Lobby Area
2	6.0 (0.0 when checked a second time)	0.0	Offices	In the drain	Executive Bathroom floor drain
3	0.0	0.0	Offices	In the drain	Women's Bathroom floor drain
4	0.0	0.0	Offices	In the drain	Men's Bathroom floor drain
5	0.0	0.0	Offices	Around perimeter at breathing level and across floor	Closet by Bathrooms
6	0.0	0.0	Offices	Around perimeter at breathing level and across floor	Utility Closet next to Kitchen
7	0.0	0.0	Offices	Floor by sewer pipe	Utility Closet next to Kitchen
8	0.0	0.0	Offices	Breathing level while walking through room	Work Station 2
9	0.0	0.0	Offices	Inside vents	Plot Room vents while heat was on
10	0.0	0.0	Offices	Around perimeter at breathing level and across floor	HVAC Closet
11	0.0	0.0	Shop	Floor	Shop Manager's Office by conduit
12	0.0	0.0	Shop	Swept meter around perimeter at breathing level and across floor	Shop Bathroom
13	0.0	0.0	Shop	In the drain	Floor drain near double overhead doors
14	0.0	0.0	Shop	Stirred up the dirt and placed meter approximately 1-2" away	Foot of I-beam on southeast wall (could not check other I-beams due to obstructions blocking access)
15	0.0	0.0	Shop	In the drain	Floor drain near single overhead door
16	0.0	0.0	Shop	Breathing level	Near cutting oil storage
17	95.0	0.0	Shop	Approximately 1-2" away	At opening in waste oil drum
18	0.0	0.0	Shop	Moved the meter up and down the shelves containing the bulk supplies	4th Row
19	0.0	0.0	Fab Shop	Inside crack	Entrance to Fab Shop in the crack on the floor
20	4.5	0.0	Fab Shop	Inside crack	Crack in center of floor
21	0.0	0.0	Fab Shop	Inside crack	Crack in southern section of floor

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
***Instrument was held at breathing level during relocation from one area to the next, VOCs were not detected during movement within the building.

a

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT: NSC - Vapor Intrusion Building Assessment	PROJECT #: 95.6023	PAGE 2 OF 2
CLIENT: National Semiconductor Corporation		DATE
LOCATION: 3 Hemlock Street, Town of Colonie, NY		COLLECTED: 11/9/05
INSTRUMENT USED: Mini RAE 2000 LAMP eV		DATE
DATE INSTRUMENT CALIBRATED: 11/9/05 BY: Nathan Freeman		ANALYZED: 11/9/05
TEMPERATURE OF SOIL:		ANALYST: Megan Drosky

EXPLORATION NUMBER	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	LOCATION	HEIGHT OF READING	REMARKS
22	0.0	0.0	Fab Shop	Inside crack	Crack in northern section of floor
23	0.0	0.0	Cold Storage	Inside drain	Floor drain
24	0.0	0.0	Outside	Swept meter around the drums	Near glycol drums
25	0.0	0.0	Outside	Inside sewer grate	Sewer grate in yard
26	0.0	0.0	Outside	Around outside of flammable storage cabinet	Near flammable storage cabinet

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
***Instrument was held at breathing level during relocation from one area to the next, VOCs were not detected during movement within the building.

APPENDIX C

LABORATORY SAMPLE DATA SUMMARY PACKAGE

STL Burlington
Colchester, Vermont

Sample Data Summary Package

SDG: 111848

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

January 12, 2006

Ms. Megan Drosky
CT Male and Associates
50 Century Hill Plaza
Latham, NY 12110

Re: Laboratory Project No. 25000
Case: 25000; SDG: 111848

Dear Ms. Drosky:

Enclosed are the analytical results for samples received by STL Burlington on December 23, 2005. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 12/23/05 ETR No: 111848		
652883	Outside Ambient Air	12/22/05	Air
652884	SV-1	12/22/05	Air
652885	SV-2	12/22/05	Air
652886	SV-3	12/22/05	Air
652887	SV-4	12/22/05	Air
652888	SV-5	12/22/05	Air
652889	SV-6	12/22/05	Air
652890	Duplicate	12/22/05	Air
652891	Trip Blank		Air
652892	Workstation1IndoorAir	12/22/05	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.

In order to accommodate field length limitations in processing the data summary forms, the laboratory did, in certain instances, abbreviate the sample identifiers. The electronically formatted data provides the full sample identifier.

Method TO-15 – Volatile Organics:
The analyses of the field samples SV-4 and SV-5 in this delivery group were performed at an appropriate dilution in order to provide quantification of all target analytes within the calibrated range of instrument response. The results of the dilution analyses were within the calibration range of the instrument.

The analysis of the blank spike sample designated BECJ LCS and BECK LCS and the associated blank spike duplicate samples exhibited percent recoveries for the target compound Acetone that were outside of the control limits. In each case the no loss of instrument sensitivity was observed. The results for relative percent differences in the interanalysis comparisons were within the established control limits in each case, as noted on the analytical Form 3s.

Please note that any manual integrations performed in the processing of volatile organic data files are documented in the supporting documentation section of this 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.

Outside Ambient Air

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652883

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.95		0.50	4.7		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	1.1		0.50	2.3		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	0.43		0.20	2.4		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	0.36		0.20	1.2		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.

Outside Ambient Air

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652883

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

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	0.47		0.20	1.8		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.

SV-1

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652884

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.85		0.50	4.2		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	0.77		0.50	1.7		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	0.37		0.20	2.1		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	0.55		0.20	1.8		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.31		0.20	1.3		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SV-1

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652884

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

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	1.6		0.20	6.0		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	0.29		0.20	1.3		0.87
Xylene (m,p)	1330-20-7	0.91		0.50	4.0		2.2
Xylene (o)	95-47-6	0.28		0.20	1.2		0.87
Xylene (total)	1330-20-7	1.2		0.20	5.2		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.

SV-2

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652885

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.93		0.50	4.6		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	0.39		0.20	2.2		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	0.60		0.20	1.9		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.43		0.20	1.8		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SV-2

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652885

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

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	1.7		0.20	6.4		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	0.32		0.20	1.4		0.87
Xylene (m,p)	1330-20-7	0.96		0.50	4.2		2.2
Xylene (o)	95-47-6	0.30		0.20	1.3		0.87
Xylene (total)	1330-20-7	1.2		0.20	5.2		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	0.21		0.20	1.0		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.

SV-3

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652886

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.95		0.50	4.7		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	0.43		0.20	2.4		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	0.57		0.50	2.0		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	0.21		0.20	1.0		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	0.53		0.20	1.7		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.39		0.20	1.6		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SV-3

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652886

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	1.1		0.20	5.9		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	1.9		0.20	7.2		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	0.38		0.20	1.7		0.87
Xylene (m,p)	1330-20-7	1.1		0.50	4.8		2.2
Xylene (o)	95-47-6	0.33		0.20	1.4		0.87
Xylene (total)	1330-20-7	1.4		0.20	6.1		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		0.20	0.98		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.

SV-4

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652887

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.5	U	1.5	7.4	U	7.4
1,2-Dichlorotetrafluoroethane	76-14-2	0.60	U	0.60	4.2	U	4.2
Chloromethane	74-87-3	1.5	U	1.5	3.1	U	3.1
Vinyl Chloride	75-01-4	0.60	U	0.60	1.5	U	1.5
1,3-Butadiene	106-99-0	1.5	U	1.5	3.3	U	3.3
Bromomethane	74-83-9	0.60	U	0.60	2.3	U	2.3
Chloroethane	75-00-3	1.5	U	1.5	4.0	U	4.0
Bromoethene	593-60-2	0.60	U	0.60	2.6	U	2.6
Trichlorofluoromethane	75-69-4	0.62		0.60	3.5		3.4
Freon TF	76-13-1	0.60	U	0.60	4.6	U	4.6
1,1-Dichloroethene	75-35-4	0.60	U	0.60	2.4	U	2.4
Acetone	67-64-1	89		15	210		36
Isopropyl Alcohol	67-63-0	15	U	15	37	U	37
Carbon Disulfide	75-15-0	1.5	U	1.5	4.7	U	4.7
3-Chloropropene	107-05-1	1.5	U	1.5	4.7	U	4.7
Methylene Chloride	75-09-2	64		1.5	220		5.2
tert-Butyl Alcohol	75-65-0	15	U	15	45	U	45
Methyl tert-Butyl Ether	1634-04-4	1.5	U	1.5	5.4	U	5.4
trans-1,2-Dichloroethene	156-60-5	0.60	U	0.60	2.4	U	2.4
n-Hexane	110-54-3	1.5	U	1.5	5.3	U	5.3
1,1-Dichloroethane	75-34-3	0.60	U	0.60	2.4	U	2.4
1,2-Dichloroethene (total)	540-59-0	0.60	U	0.60	2.4	U	2.4
Methyl Ethyl Ketone	78-93-3	5.4		1.5	16		4.4
cis-1,2-Dichloroethene	156-59-2	0.60	U	0.60	2.4	U	2.4
Tetrahydrofuran	109-99-9	15	U	15	44	U	44
Chloroform	67-66-3	0.86		0.60	4.2		2.9
1,1,1-Trichloroethane	71-55-6	0.60	U	0.60	3.3	U	3.3
Cyclohexane	110-82-7	0.60	U	0.60	2.1	U	2.1
Carbon Tetrachloride	56-23-5	0.60	U	0.60	3.8	U	3.8
2,2,4-Trimethylpentane	540-84-1	0.60	U	0.60	2.8	U	2.8
Benzene	71-43-2	1.6		0.60	5.1		1.9
1,2-Dichloroethane	107-06-2	0.60	U	0.60	2.4	U	2.4
n-Heptane	142-82-5	1.1		0.60	4.5		2.5

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SV-4

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652887

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.60	U	0.60	3.2	U	3.2
1,2-Dichloropropane	78-87-5	0.60	U	0.60	2.8	U	2.8
1,4-Dioxane	123-91-1	15	U	15	54	U	54
Bromodichloromethane	75-27-4	0.60	U	0.60	4.0	U	4.0
cis-1,3-Dichloropropene	10061-01-5	0.60	U	0.60	2.7	U	2.7
Methyl Isobutyl Ketone	108-10-1	1.5	U	1.5	6.1	U	6.1
Toluene	108-88-3	50		0.60	190		2.3
trans-1,3-Dichloropropene	10061-02-6	0.60	U	0.60	2.7	U	2.7
1,1,2-Trichloroethane	79-00-5	0.60	U	0.60	3.3	U	3.3
Tetrachloroethene	127-18-4	0.60	U	0.60	4.1	U	4.1
Methyl Butyl Ketone	591-78-6	1.5	U	1.5	6.1	U	6.1
Dibromochloromethane	124-48-1	0.60	U	0.60	5.1	U	5.1
1,2-Dibromoethane	106-93-4	0.60	U	0.60	4.6	U	4.6
Chlorobenzene	108-90-7	0.60	U	0.60	2.8	U	2.8
Ethylbenzene	100-41-4	3.5		0.60	15		2.6
Xylene (m,p)	1330-20-7	12		1.5	52		6.5
Xylene (o)	95-47-6	2.4		0.60	10		2.6
Xylene (total)	1330-20-7	14		0.60	61		2.6
Styrene	100-42-5	0.60	U	0.60	2.6	U	2.6
Bromoform	75-25-2	0.60	U	0.60	6.2	U	6.2
1,1,2,2-Tetrachloroethane	79-34-5	0.60	U	0.60	4.1	U	4.1
4-Ethyltoluene	622-96-8	0.84		0.60	4.1		2.9
1,3,5-Trimethylbenzene	108-67-8	0.60	U	0.60	2.9	U	2.9
2-Chlorotoluene	95-49-8	0.60	U	0.60	3.1	U	3.1
1,2,4-Trimethylbenzene	95-63-6	0.78		0.60	3.8		2.9
1,3-Dichlorobenzene	541-73-1	0.60	U	0.60	3.6	U	3.6
1,4-Dichlorobenzene	106-46-7	0.60	U	0.60	3.6	U	3.6
1,2-Dichlorobenzene	95-50-1	0.60	U	0.60	3.6	U	3.6
1,2,4-Trichlorobenzene	120-82-1	1.5	U	1.5	11	U	11
Hexachlorobutadiene	87-68-3	0.60	U	0.60	6.4	U	6.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SV-5

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652888

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.0	U	1.0	4.9	U	4.9
1,2-Dichlorotetrafluoroethane	76-14-2	0.40	U	0.40	2.8	U	2.8
Chloromethane	74-87-3	1.0	U	1.0	2.1	U	2.1
Vinyl Chloride	75-01-4	0.40	U	0.40	1.0	U	1.0
1,3-Butadiene	106-99-0	2.5		1.0	5.5		2.2
Bromomethane	74-83-9	0.40	U	0.40	1.6	U	1.6
Chloroethane	75-00-3	1.0	U	1.0	2.6	U	2.6
Bromoethene	593-60-2	0.40	U	0.40	1.7	U	1.7
Trichlorofluoromethane	75-69-4	2.7		0.40	15		2.2
Freon TF	76-13-1	0.40	U	0.40	3.1	U	3.1
1,1-Dichloroethene	75-35-4	0.40	U	0.40	1.6	U	1.6
Acetone	67-64-1	61		10	140		24
Isopropyl Alcohol	67-63-0	10	U	10	25	U	25
Carbon Disulfide	75-15-0	1.0	U	1.0	3.1	U	3.1
3-Chloropropene	107-05-1	1.0	U	1.0	3.1	U	3.1
Methylene Chloride	75-09-2	28		1.0	97		3.5
tert-Butyl Alcohol	75-65-0	10	U	10	30	U	30
Methyl tert-Butyl Ether	1634-04-4	1.0	U	1.0	3.6	U	3.6
trans-1,2-Dichloroethene	156-60-5	0.40	U	0.40	1.6	U	1.6
n-Hexane	110-54-3	3.6		1.0	13		3.5
1,1-Dichloroethane	75-34-3	0.40	U	0.40	1.6	U	1.6
1,2-Dichloroethene (total)	540-59-0	0.40	U	0.40	1.6	U	1.6
Methyl Ethyl Ketone	78-93-3	2.6		1.0	7.7		2.9
cis-1,2-Dichloroethene	156-59-2	0.40	U	0.40	1.6	U	1.6
Tetrahydrofuran	109-99-9	10	U	10	29	U	29
Chloroform	67-66-3	1.6		0.40	7.8		2.0
1,1,1-Trichloroethane	71-55-6	0.40	U	0.40	2.2	U	2.2
Cyclohexane	110-82-7	0.79		0.40	2.7		1.4
Carbon Tetrachloride	56-23-5	0.40	U	0.40	2.5	U	2.5
2,2,4-Trimethylpentane	540-84-1	0.58		0.40	2.7		1.9
Benzene	71-43-2	6.5		0.40	21		1.3
1,2-Dichloroethane	107-06-2	0.40	U	0.40	1.6	U	1.6
n-Heptane	142-82-5	1.5		0.40	6.1		1.6

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SV-5

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652888

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.40	U	0.40	2.1	U	2.1
1,2-Dichloropropane	78-87-5	0.40	U	0.40	1.8	U	1.8
1,4-Dioxane	123-91-1	10	U	10	36	U	36
Bromodichloromethane	75-27-4	0.40	U	0.40	2.7	U	2.7
cis-1,3-Dichloropropene	10061-01-5	0.40	U	0.40	1.8	U	1.8
Methyl Isobutyl Ketone	108-10-1	1.0	U	1.0	4.1	U	4.1
Toluene	108-88-3	12		0.40	45		1.5
trans-1,3-Dichloropropene	10061-02-6	0.40	U	0.40	1.8	U	1.8
1,1,2-Trichloroethane	79-00-5	0.40	U	0.40	2.2	U	2.2
Tetrachloroethene	127-18-4	0.40	U	0.40	2.7	U	2.7
Methyl Butyl Ketone	591-78-6	1.0	U	1.0	4.1	U	4.1
Dibromochloromethane	124-48-1	0.40	U	0.40	3.4	U	3.4
1,2-Dibromoethane	106-93-4	0.40	U	0.40	3.1	U	3.1
Chlorobenzene	108-90-7	0.40	U	0.40	1.8	U	1.8
Ethylbenzene	100-41-4	1.2		0.40	5.2		1.7
Xylene (m,p)	1330-20-7	3.8		1.0	17		4.3
Xylene (o)	95-47-6	1.2		0.40	5.2		1.7
Xylene (total)	1330-20-7	4.9		0.40	21		1.7
Styrene	100-42-5	0.40	U	0.40	1.7	U	1.7
Bromoform	75-25-2	0.40	U	0.40	4.1	U	4.1
1,1,2,2-Tetrachloroethane	79-34-5	0.40	U	0.40	2.7	U	2.7
4-Ethyltoluene	622-96-8	0.69		0.40	3.4		2.0
1,3,5-Trimethylbenzene	108-67-8	0.40	U	0.40	2.0	U	2.0
2-Chlorotoluene	95-49-8	0.40	U	0.40	2.1	U	2.1
1,2,4-Trimethylbenzene	95-63-6	0.87		0.40	4.3		2.0
1,3-Dichlorobenzene	541-73-1	0.40	U	0.40	2.4	U	2.4
1,4-Dichlorobenzene	106-46-7	0.40	U	0.40	2.4	U	2.4
1,2-Dichlorobenzene	95-50-1	0.40	U	0.40	2.4	U	2.4
1,2,4-Trichlorobenzene	120-82-1	1.0	U	1.0	7.4	U	7.4
Hexachlorobutadiene	87-68-3	0.40	U	0.40	4.3	U	4.3

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SV-6

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652889

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.83		0.50	4.1		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	2.0		0.20	11		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	9.8		5.0	23		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	3.7		0.50	13		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	0.63		0.50	2.2		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	1.2		0.50	3.5		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	1.5		0.20	4.8		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.67		0.20	2.7		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SV-6

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652889

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

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	5.2		0.20	20		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	0.87		0.20	3.8		0.87
Xylene (m,p)	1330-20-7	2.5		0.50	11		2.2
Xylene (o)	95-47-6	0.79		0.20	3.4		0.87
Xylene (total)	1330-20-7	3.2		0.20	14		0.87
Styrene	100-42-5	0.24		0.20	1.0		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	0.52		0.20	2.6		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	0.65		0.20	3.2		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.

Duplicate

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652890

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.91		0.50	4.5		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	2.1		0.20	12		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	10		5.0	24		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	3.6		0.50	13		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	0.64		0.50	2.3		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	1.3		0.50	3.8		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	1.5		0.20	4.8		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.67		0.20	2.7		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

Duplicate

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652890

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

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	5.2		0.20	20		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	0.83		0.20	3.6		0.87
Xylene (m,p)	1330-20-7	2.4		0.50	10		2.2
Xylene (o)	95-47-6	0.77		0.20	3.3		0.87
Xylene (total)	1330-20-7	3.1		0.20	13		0.87
Styrene	100-42-5	0.22		0.20	0.94		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	0.51		0.20	2.5		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	0.58		0.20	2.9		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.

Trip Blank

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652891

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

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.

Trip Blank

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652891

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

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.

Workstation1IndoorAir

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652892

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.90		0.50	4.5		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.95		0.50	2.0		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	11		0.20	62		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	6.2		5.0	15		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	2.1		0.50	7.3		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	0.76		0.20	2.4		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.41		0.20	1.7		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

Workstation1IndoorAir

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: Air

Lab Sample No.: 652892

Date Analyzed: 12/29/2005

Date Received: 12/23/2005

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	1.9		0.20	7.2		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	0.25		0.20	1.1		0.87
Xylene (m,p)	1330-20-7	0.73		0.50	3.2		2.2
Xylene (o)	95-47-6	0.28		0.20	1.2		0.87
Xylene (total)	1330-20-7	0.99		0.20	4.3		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	0.23		0.20	1.1		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	0.32		0.20	1.6		0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.24		0.20	1.4		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.

BECJ LCS

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: BECJLCS

Date Analyzed: 12/28/2005

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	12		0.50	59		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	12		0.20	84		1.4
Chloromethane	74-87-3	12		0.50	25		1.0
Vinyl Chloride	75-01-4	12		0.20	31		0.51
1,3-Butadiene	106-99-0	12		0.50	27		1.1
Bromomethane	74-83-9	11		0.20	43		0.78
Chloroethane	75-00-3	11		0.50	29		1.3
Bromoethene	593-60-2	11		0.20	48		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	10		0.20	77		1.5
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	14		5.0	33		12
Isopropyl Alcohol	67-63-0	12		5.0	29		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	10		0.50	31		1.6
Methylene Chloride	75-09-2	11		0.50	38		1.7
tert-Butyl Alcohol	75-65-0	12		5.0	36		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
n-Hexane	110-54-3	10		0.50	35		1.8
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
1,2-Dichloroethene (total)	540-59-0	19		0.20	75		0.79
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.2		0.20	36		0.79
Tetrahydrofuran	109-99-9	12		5.0	35		15
Chloroform	67-66-3	10		0.20	49		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.5		0.20	33		0.69
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	9.9		0.20	46		0.93
Benzene	71-43-2	9.5		0.20	30		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
n-Heptane	142-82-5	11		0.20	45		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

BECJ LCS

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: BECJLCS

Date Analyzed: 12/28/2005

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	9.8		0.20	53		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
1,4-Dioxane	123-91-1	13		5.0	47		18
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	10		0.20	45		0.91
Methyl Isobutyl Ketone	108-10-1	13		0.50	53		2.0
Toluene	108-88-3	9.4		0.20	35		0.75
trans-1,3-Dichloropropene	10061-02-6	9.1		0.20	41		0.91
1,1,2-Trichloroethane	79-00-5	9.6		0.20	52		1.1
Tetrachloroethene	127-18-4	9.6		0.20	65		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	9.7		0.20	75		1.5
Chlorobenzene	108-90-7	9.7		0.20	45		0.92
Ethylbenzene	100-41-4	10		0.20	43		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	9.9		0.20	42		0.85
Bromoform	75-25-2	41	E	0.20	420	E	2.1
1,1,2,2-Tetrachloroethane	79-34-5	10		0.20	69		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		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	11		0.20	54		0.98
1,3-Dichlorobenzene	541-73-1	11		0.20	66		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	9.2		0.50	68		3.7
Hexachlorobutadiene	87-68-3	11		0.20	120		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

BECJ LCSD

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: BECJLCS

Date Analyzed: 12/28/2005

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	12		0.50	59		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	12		0.20	84		1.4
Chloromethane	74-87-3	13		0.50	27		1.0
Vinyl Chloride	75-01-4	12		0.20	31		0.51
1,3-Butadiene	106-99-0	12		0.50	27		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	11		0.20	48		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	10		0.20	77		1.5
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	14		5.0	33		12
Isopropyl Alcohol	67-63-0	12		5.0	29		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	10		0.50	31		1.6
Methylene Chloride	75-09-2	11		0.50	38		1.7
tert-Butyl Alcohol	75-65-0	11		5.0	33		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
n-Hexane	110-54-3	11		0.50	39		1.8
1,1-Dichloroethane	75-34-3	11		0.20	45		0.81
1,2-Dichloroethene (total)	540-59-0	20		0.20	79		0.79
Methyl Ethyl Ketone	78-93-3	11		0.50	32		1.5
cis-1,2-Dichloroethene	156-59-2	9.3		0.20	37		0.79
Tetrahydrofuran	109-99-9	12		5.0	35		15
Chloroform	67-66-3	10		0.20	49		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.7		0.20	33		0.69
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	9.6		0.20	31		0.64
1,2-Dichloroethane	107-06-2	12		0.20	49		0.81
n-Heptane	142-82-5	11		0.20	45		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

BECJ LCSD

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: BECJLCS

Date Analyzed: 12/28/2005

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	9.9		0.20	53		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
1,4-Dioxane	123-91-1	13		5.0	47		18
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	13		0.50	53		2.0
Toluene	108-88-3	9.5		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.4		0.20	43		0.91
1,1,2-Trichloroethane	79-00-5	9.6		0.20	52		1.1
Tetrachloroethene	127-18-4	9.6		0.20	65		1.4
Methyl Butyl Ketone	591-78-6	12		0.50	49		2.0
Dibromochloromethane	124-48-1	9.9		0.20	84		1.7
1,2-Dibromoethane	106-93-4	9.7		0.20	75		1.5
Chlorobenzene	108-90-7	9.7		0.20	45		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	21		0.50	91		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	41	E	0.20	420	E	2.1
1,1,2,2-Tetrachloroethane	79-34-5	10		0.20	69		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		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	11		0.20	54		0.98
1,3-Dichlorobenzene	541-73-1	11		0.20	66		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	9.4		0.50	70		3.7
Hexachlorobutadiene	87-68-3	11		0.20	120		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

BECK LCS

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: BECKLCS

Date Analyzed: 12/29/2005

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	12		0.50	59		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	12		0.20	84		1.4
Chloromethane	74-87-3	13		0.50	27		1.0
Vinyl Chloride	75-01-4	12		0.20	31		0.51
1,3-Butadiene	106-99-0	12		0.50	27		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	11		0.20	48		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	10		0.20	77		1.5
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	14		5.0	33		12
Isopropyl Alcohol	67-63-0	12		5.0	29		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	11		0.50	34		1.6
Methylene Chloride	75-09-2	11		0.50	38		1.7
tert-Butyl Alcohol	75-65-0	10		5.0	30		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
n-Hexane	110-54-3	11		0.50	39		1.8
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
1,2-Dichloroethene (total)	540-59-0	20		0.20	79		0.79
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	9.3		0.20	37		0.79
Tetrahydrofuran	109-99-9	13		5.0	38		15
Chloroform	67-66-3	10		0.20	49		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.8		0.20	34		0.69
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	9.9		0.20	32		0.64
1,2-Dichloroethane	107-06-2	12		0.20	49		0.81
n-Heptane	142-82-5	11		0.20	45		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

BECK LCS

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: BECKLCS

Date Analyzed: 12/29/2005

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	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
1,4-Dioxane	123-91-1	13		5.0	47		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	13		0.50	53		2.0
Toluene	108-88-3	9.8		0.20	37		0.75
trans-1,3-Dichloropropene	10061-02-6	9.4		0.20	43		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	9.8		0.20	66		1.4
Methyl Butyl Ketone	591-78-6	12		0.50	49		2.0
Dibromochloromethane	124-48-1	10		0.20	85		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.9		0.20	46		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	21		0.50	91		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	42	E	0.20	430	E	2.1
1,1,2,2-Tetrachloroethane	79-34-5	10		0.20	69		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	11		0.20	54		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	11		0.20	54		0.98
1,3-Dichlorobenzene	541-73-1	11		0.20	66		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	9.0		0.50	67		3.7
Hexachlorobutadiene	87-68-3	10		0.20	110		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

BECK LCSD

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: BECKLCS

Date Analyzed: 12/29/2005

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	12		0.50	59		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	12		0.20	84		1.4
Chloromethane	74-87-3	12		0.50	25		1.0
Vinyl Chloride	75-01-4	12		0.20	31		0.51
1,3-Butadiene	106-99-0	12		0.50	27		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	11		0.20	48		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	10		0.20	77		1.5
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	14		5.0	33		12
Isopropyl Alcohol	67-63-0	12		5.0	29		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	10		0.50	31		1.6
Methylene Chloride	75-09-2	11		0.50	38		1.7
tert-Butyl Alcohol	75-65-0	12		5.0	36		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
n-Hexane	110-54-3	10		0.50	35		1.8
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
1,2-Dichloroethene (total)	540-59-0	20		0.20	79		0.79
Methyl Ethyl Ketone	78-93-3	11		0.50	32		1.5
cis-1,2-Dichloroethene	156-59-2	9.2		0.20	36		0.79
Tetrahydrofuran	109-99-9	13		5.0	38		15
Chloroform	67-66-3	10		0.20	49		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.7		0.20	33		0.69
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	9.6		0.20	31		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
n-Heptane	142-82-5	11		0.20	45		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

BECK LCSD

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: BECKLCS

Date Analyzed: 12/29/2005

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	9.9		0.20	53		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
1,4-Dioxane	123-91-1	13		5.0	47		18
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	10		0.20	45		0.91
Methyl Isobutyl Ketone	108-10-1	13		0.50	53		2.0
Toluene	108-88-3	9.5		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.3		0.20	42		0.91
1,1,2-Trichloroethane	79-00-5	9.6		0.20	52		1.1
Tetrachloroethene	127-18-4	9.6		0.20	65		1.4
Methyl Butyl Ketone	591-78-6	12		0.50	49		2.0
Dibromochloromethane	124-48-1	9.9		0.20	84		1.7
1,2-Dibromoethane	106-93-4	9.8		0.20	75		1.5
Chlorobenzene	108-90-7	9.8		0.20	45		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	21		0.50	91		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	41	E	0.20	420	E	2.1
1,1,2,2-Tetrachloroethane	79-34-5	10		0.20	69		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	11		0.20	54		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	11		0.20	54		0.98
1,3-Dichlorobenzene	541-73-1	11		0.20	66		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	9.4		0.50	70		3.7
Hexachlorobutadiene	87-68-3	11		0.20	120		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK122805BA

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK1228

Date Analyzed: 12/28/2005

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.

MBLK122805BA

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK1228

Date Analyzed: 12/28/2005

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.

MBLK122905BA

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK1229

Date Analyzed: 12/29/2005

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.

MBLK122905BA

Lab Name: STL Burlington

SDG Number: 111848

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK1229

Date Analyzed: 12/29/2005

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

SEVERN TRENT STL®
SEVERN TRENT LABORATORIES, INC.

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446 Tel 802 655 1203

CHAIN OF CUSTODY RECORD

Report to:		Invoice to:	
Company:	C.T Male Associates	Company:	C.T Male Associates
Address:	50 Century Hill Dr Latham, NY 12110	Address:	Same.
Contact:	Liz Rovers	Contact:	Liz Rovers
Phone:	518 786 7400	Phone:	518 786 7400
Fax:	518 786 7299	Fax:	518 786 7299
Contract/ Quote:			

Lab Use Only
Due Date:

Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: MeganDrosky
Sampler's Signature: Megan Drosky

Proj. No.: 95.6023
Project Name:

Analysis Requested: EPA TO15 VOCs

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	EPA TO15 VOCs	Lab/Sample ID (Lab Use Only)
A	12/22/05	1220		X	Outside Ambient Air End Time=1420				X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Megan Drosky	12/22/05	1630	FedEx 706651107878	12/22/05	1630
Relinquished by: (Signature)	Date	Time	Received by: (Signature) [signature]	12/23/05	1100
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other Summa

STL cannot accept verbal changes. Please Fax written changes to (802) 655-1248

STL8234-200 (12/02)

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STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446 Tel 802 655 1203

CHAIN OF CUSTODY RECORD

Report to:		Invoice to:	
Company:	C.T Male Associates	Company:	C.T Male Associates
Address:	50 Century Hill Dr, Latham, NY 12110	Address:	Same
Contact:	Liz Rovers	Contact:	Liz Rovers
Phone:	518-786-7400	Phone:	518 786 7400
Fax:	518-786-7299	Fax:	518 786 7299
Contract/ Quote:			

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Sampler's Name: Megan Dresky
Sampler's Signature: [signature]

Proj. No.: 95-6023
Project Name: NSC

ANALYSIS REQUESTED: EPA TO15 VOCs

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	EPA TO15 VOCs	Lab/Sample ID (Lab Use Only)
A	12/22/05	1222		X	SV-1 End Time = 1422				X	X	
↓	↓	1223		X	SV-2 End Time = 1423				X	X	
↓	↓	1224		X	SV-3 End Time = 1424				X	X	
↓	↓	1225		X	SV-4 End Time = 1425				X	X	

No/Type of Containers[2]

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	12/22/05	1630	FedEx 7066 5110 7820	12/22/05	1630
			[signature]	12/23/05	1100

Remarks

Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other Summa

STL cannot accept verbal changes. Please Fax written changes to (802) 655-1248

STL8234-200 (12/02)

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STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446 Tel 802 655 1203

CHAIN OF CUSTODY RECORD

Report to:
Company: C.T Male Associates
Address: 50 Century Hill Dr. Latham, NY 12110
Contact: Liz Rovers
Phone: 518-786-7400
Fax: 518-786-7299
Contract/Quote:

Invoice to:
Company: C.T Male Associates
Address: Same
Contact: Liz Rovers
Phone: 518-786-7400
Fax: 518-7867299

Lab Use Only
Due Date:
Temp. of coolers when received (C°): 1 | 2 | 3 | 4 | 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Sampler's Name: Megan Drosky
Sampler's Signature: [signature]

Proj. No. ~~95-162~~ 95.6023 NF 12/22/05
Project Name: NSC

Analysis Requested: EPA-TO15 VOCs

Matrix¹	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	EPA-TO15 VOCs	Lab/Sample ID (Lab Use Only)
A	12/22/05	1226		X	SV-5 EndTime=1426				X	X	
↓	↓	1227		X	SV-6 End Time=1427				X	X	
↓	↓	1228		X	DUPLICATE Endtime=1428				X	X	
↓	—	—			Trip Blank				X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	12/22/05	1630	FedEx 7066 5110 7860	12/22/05	1630
			[signature]	12/23/05	1100

Remarks:

Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

¹Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
²Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other Summa

STL cannot accept verbal changes. Please Fax written changes to (802) 655-1248

STL8234-200 (12/02)

SEVERN TRENT STL®

SEVERN TRENT LABORATORIES, INC.

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446 Tel 802 655 1203

CHAIN OF CUSTODY RECORD

Report to:
Company: C.T Male Associates
Address: 50 Century Hill Dr
Latham, NY 12110
Contact: Liz Rovers
Phone: 518 786 7400
Fax: 518 786 7299
Contract/ Quote:

Invoice to:
Company: C.T Male Associates
Address: Same
Contact: Liz Rovers
Phone: 518 786 7400
Fax: 518 786 7299

Sampler's Name: Megan Dresky
Sampler's Signature: Megan Dresky

Proj. No.: 95,6023
Project Name: NSC

ANALYSIS REQUESTED: EPA TO15 VOCs

Lab Use Only
Due Date:

Temp. of coolers when received (C°):
1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Matrix[1]	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No/Type of Containers[2] VOA	A/G 1 Lt.	250 ml	P/O	Lab/Sample ID (Lab Use Only)
A	12/22/05	1229		X	Workstation 1 Indoor Air End Time = 1429				X	X

Relinquished by: (Signature)	Date	Time	Received by: (Signature	Date	Time
Megan Dresky	12/22/05	1630	FedEx 706651107859	12/22/05	1630
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				12/22/05	1100
Relinquished by: (Signature)	Date	Time	Received by: (Signature	Date	Time

Remarks

Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

[1]Matrix WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
[2]Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other Summa

STL cannot accept verbal changes.
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STL8234-200 (12/02)

SEVERN TRENT STL

METHOD TO-15

SAMPLE DATA SUMMARY PACKAGE

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

DUPLICATE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652890

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652890

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	0.91	
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	2.1	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	10	
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	3.6	
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	0.64	
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	1.3	
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	1.5	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.67	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

DUPLICATE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652890

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652890

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	5.2	
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	0.83	
1330-20-7	Xylene (m,p)	2.4	
95-47-6	Xylene (o)	0.77	
1330-20-7	Xylene (total)	3.1	
100-42-5	Styrene	0.22	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.51	
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	0.58	
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

CTMALE SAMPLE NO.

OUTSIDE_AMBIENT

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652883

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652883

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	0.95	
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	1.1	
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	0.43	
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	0.36	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CIMALE SAMPLE NO.

OUTSIDE_AMBIENT

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652883

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652883

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	0.47	
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

CTMALE SAMPLE NO.

SV-1

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652884

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652884

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	0.85	
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	0.77	
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	0.37	
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	0.55	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.31	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

SV-1

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652884

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652884

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	1.6	
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	0.29	
1330-20-7	Xylene (m,p)	0.91	
95-47-6	Xylene (o)	0.28	
1330-20-7	Xylene (total)	1.2	
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

CTMALE SAMPLE NO.

SV-2

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652885

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652885

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	0.93	
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	0.39	
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	0.60	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.43	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

SV-2

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652885

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652885

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	1.7	
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	0.32	
1330-20-7	Xylene (m,p)	0.96	
95-47-6	Xylene (o)	0.30	
1330-20-7	Xylene (total)	1.2	
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	0.21	
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

CTMALE SAMPLE NO.

SV-3

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652886

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652886

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	0.95	
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	0.43	
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	0.57	
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	0.21	
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	0.53	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.39	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

SV-3

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652886

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652886

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	1.1	
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	1.9	
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	0.38	
1330-20-7	Xylene (m,p)	1.1	
95-47-6	Xylene (o)	0.33	
1330-20-7	Xylene (total)	1.4	
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	
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

CTMALE SAMPLE NO.

SV-4

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652887

Sample wt/vol: 67.00 (g/mL) ML Lab File ID: 652887D

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.5	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.60	U
74-87-3	Chloromethane	1.5	U
75-01-4	Vinyl Chloride	0.60	U
106-99-0	1,3-Butadiene	1.5	U
74-83-9	Bromomethane	0.60	U
75-00-3	Chloroethane	1.5	U
593-60-2	Bromoethene	0.60	U
75-69-4	Trichlorofluoromethane	0.62	
76-13-1	Freon TF	0.60	U
75-35-4	1,1-Dichloroethene	0.60	U
67-64-1	Acetone	89	
67-63-0	Isopropyl Alcohol	15	U
75-15-0	Carbon Disulfide	1.5	U
107-05-1	3-Chloropropene	1.5	U
75-09-2	Methylene Chloride	64	
75-65-0	tert-Butyl Alcohol	15	U
1634-04-4	Methyl tert-Butyl Ether	1.5	U
156-60-5	trans-1,2-Dichloroethene	0.60	U
110-54-3	n-Hexane	1.5	U
75-34-3	1,1-Dichloroethane	0.60	U
540-59-0	1,2-Dichloroethene (total)	0.60	U
78-93-3	Methyl Ethyl Ketone	5.4	
156-59-2	cis-1,2-Dichloroethene	0.60	U
109-99-9	Tetrahydrofuran	15	U
67-66-3	Chloroform	0.86	
71-55-6	1,1,1-Trichloroethane	0.60	U
110-82-7	Cyclohexane	0.60	U
56-23-5	Carbon Tetrachloride	0.60	U
540-84-1	2,2,4-Trimethylpentane	0.60	U
71-43-2	Benzene	1.6	
107-06-2	1,2-Dichloroethane	0.60	U
142-82-5	n-Heptane	1.1	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

SV-4

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652887

Sample wt/vol: 67.00 (g/mL) ML Lab File ID: 652887D

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.60	U
78-87-5	1,2-Dichloropropane	0.60	U
123-91-1	1,4-Dioxane	15	U
75-27-4	Bromodichloromethane	0.60	U
10061-01-5	cis-1,3-Dichloropropene	0.60	U
108-10-1	Methyl Isobutyl Ketone	1.5	U
108-88-3	Toluene	50	
10061-02-6	trans-1,3-Dichloropropene	0.60	U
79-00-5	1,1,2-Trichloroethane	0.60	U
127-18-4	Tetrachloroethene	0.60	U
591-78-6	Methyl Butyl Ketone	1.5	U
124-48-1	Dibromochloromethane	0.60	U
106-93-4	1,2-Dibromoethane	0.60	U
108-90-7	Chlorobenzene	0.60	U
100-41-4	Ethylbenzene	3.5	
1330-20-7	Xylene (m,p)	12	
95-47-6	Xylene (o)	2.4	
1330-20-7	Xylene (total)	14	
100-42-5	Styrene	0.60	U
75-25-2	Bromoform	0.60	U
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U
622-96-8	4-Ethyltoluene	0.84	
108-67-8	1,3,5-Trimethylbenzene	0.60	U
95-49-8	2-Chlorotoluene	0.60	U
95-63-6	1,2,4-Trimethylbenzene	0.78	
541-73-1	1,3-Dichlorobenzene	0.60	U
106-46-7	1,4-Dichlorobenzene	0.60	U
95-50-1	1,2-Dichlorobenzene	0.60	U
120-82-1	1,2,4-Trichlorobenzene	1.5	U
87-68-3	Hexachlorobutadiene	0.60	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

SV-5

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652888

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 652888D2

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.40	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl Chloride	0.40	U
106-99-0	1,3-Butadiene	2.5	
74-83-9	Bromomethane	0.40	U
75-00-3	Chloroethane	1.0	U
593-60-2	Bromoethene	0.40	U
75-69-4	Trichlorofluoromethane	2.7	
76-13-1	Freon TF	0.40	U
75-35-4	1,1-Dichloroethene	0.40	U
67-64-1	Acetone	61	
67-63-0	Isopropyl Alcohol	10	U
75-15-0	Carbon Disulfide	1.0	U
107-05-1	3-Chloropropene	1.0	U
75-09-2	Methylene Chloride	28	
75-65-0	tert-Butyl Alcohol	10	U
1634-04-4	Methyl tert-Butyl Ether	1.0	U
156-60-5	trans-1,2-Dichloroethene	0.40	U
110-54-3	n-Hexane	3.6	
75-34-3	1,1-Dichloroethane	0.40	U
540-59-0	1,2-Dichloroethene (total)	0.40	U
78-93-3	Methyl Ethyl Ketone	2.6	
156-59-2	cis-1,2-Dichloroethene	0.40	U
109-99-9	Tetrahydrofuran	10	U
67-66-3	Chloroform	1.6	
71-55-6	1,1,1-Trichloroethane	0.40	U
110-82-7	Cyclohexane	0.79	
56-23-5	Carbon Tetrachloride	0.40	U
540-84-1	2,2,4-Trimethylpentane	0.58	
71-43-2	Benzene	6.5	
107-06-2	1,2-Dichloroethane	0.40	U
142-82-5	n-Heptane	1.5	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

SV-5

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652888

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 652888D2

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.40	U
78-87-5	1,2-Dichloropropane	0.40	U
123-91-1	1,4-Dioxane	10	U
75-27-4	Bromodichloromethane	0.40	U
10061-01-5	cis-1,3-Dichloropropene	0.40	U
108-10-1	Methyl Isobutyl Ketone	1.0	U
108-88-3	Toluene	12	
10061-02-6	trans-1,3-Dichloropropene	0.40	U
79-00-5	1,1,2-Trichloroethane	0.40	U
127-18-4	Tetrachloroethene	0.40	U
591-78-6	Methyl Butyl Ketone	1.0	U
124-48-1	Dibromochloromethane	0.40	U
106-93-4	1,2-Dibromoethane	0.40	U
108-90-7	Chlorobenzene	0.40	U
100-41-4	Ethylbenzene	1.2	
1330-20-7	Xylene (m,p)	3.8	
95-47-6	Xylene (o)	1.2	
1330-20-7	Xylene (total)	4.9	
100-42-5	Styrene	0.40	U
75-25-2	Bromoform	0.40	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	U
622-96-8	4-Ethyltoluene	0.69	
108-67-8	1,3,5-Trimethylbenzene	0.40	U
95-49-8	2-Chlorotoluene	0.40	U
95-63-6	1,2,4-Trimethylbenzene	0.87	
541-73-1	1,3-Dichlorobenzene	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U
95-50-1	1,2-Dichlorobenzene	0.40	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	0.40	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CIMALE SAMPLE NO.

SV-6

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652889

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652889

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	0.83	
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	2.0	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	9.8	
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	3.7	
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	0.63	
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	1.2	
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	1.5	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.67	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

SV-6

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652889

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652889

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	5.2	
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	0.87	
1330-20-7	Xylene (m,p)	2.5	
95-47-6	Xylene (o)	0.79	
1330-20-7	Xylene (total)	3.2	
100-42-5	Styrene	0.24	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.52	
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	0.65	
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

CIMALE SAMPLE NO.

TRIP_BLANK

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652891

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652891

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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

CTMALE SAMPLE NO.

TRIP_BLANK

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652891

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652891

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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 CTMALE SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

WORKSTATION

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652892

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652892

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	0.90	
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.95	
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	11	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	6.2	
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	2.1	
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	0.76	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.41	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CTMALE SAMPLE NO.

WORKSTATION

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: 652892

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 652892

Level: (low/med) LOW Date Received: 12/23/05

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	1.9	
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	0.25	
1330-20-7	Xylene (m,p)	0.73	
95-47-6	Xylene (o)	0.28	
1330-20-7	Xylene (total)	0.99	
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	0.23	
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	0.32	
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.24	
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.

MBLK122805BA

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: MBLK122805BA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BECB01J

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

% Moisture: not dec. _____ Date Analyzed: 12/28/05

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.

MBLK122805BA

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: MBLK122805BA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BECB01J

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

% Moisture: not dec. _____ Date Analyzed: 12/28/05

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.

MBLK122905BA

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: MBLK122905BA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BECB01K

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

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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.

MBLK122905BA

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: MBLK122905BA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BECB01K

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

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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.

BECJ LCS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: BECJ LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BEC10JQ

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

% Moisture: not dec. _____ Date Analyzed: 12/28/05

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	12	
76-14-2	1,2-Dichlorotetrafluoroethan	12	
74-87-3	Chloromethane	12	
75-01-4	Vinyl Chloride	12	
106-99-0	1,3-Butadiene	12	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	11	
593-60-2	Bromoethene	11	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	10	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	14	
67-63-0	Isopropyl Alcohol	12	
75-15-0	Carbon Disulfide	11	
107-05-1	3-Chloropropene	10	
75-09-2	Methylene Chloride	11	
75-65-0	tert-Butyl Alcohol	12	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	10	
110-54-3	n-Hexane	10	
75-34-3	1,1-Dichloroethane	10	
540-59-0	1,2-Dichloroethene (total)	19	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	9.2	
109-99-9	Tetrahydrofuran	12	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.5	
56-23-5	Carbon Tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	9.9	
71-43-2	Benzene	9.5	
107-06-2	1,2-Dichloroethane	11	
142-82-5	n-Heptane	11	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BECJ LCS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: BECJ LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BEC10JQ

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

% Moisture: not dec. _____ Date Analyzed: 12/28/05

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	9.8	
78-87-5	1,2-Dichloropropane	10	
123-91-1	1,4-Dioxane	13	
75-27-4	Bromodichloromethane	10	
10061-01-5	cis-1,3-Dichloropropene	10	
108-10-1	Methyl Isobutyl Ketone	13	
108-88-3	Toluene	9.4	
10061-02-6	trans-1,3-Dichloropropene	9.1	
79-00-5	1,1,2-Trichloroethane	9.6	
127-18-4	Tetrachloroethene	9.6	
591-78-6	Methyl Butyl Ketone	12	
124-48-1	Dibromochloromethane	9.8	
106-93-4	1,2-Dibromoethane	9.7	
108-90-7	Chlorobenzene	9.7	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	20	
95-47-6	Xylene (o)	10	
1330-20-7	Xylene (total)	30	
100-42-5	Styrene	9.9	
75-25-2	Bromoform	41	E
79-34-5	1,1,2,2-Tetrachloroethane	10	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	11	
95-49-8	2-Chlorotoluene	10	
95-63-6	1,2,4-Trimethylbenzene	11	
541-73-1	1,3-Dichlorobenzene	11	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	9.2	
87-68-3	Hexachlorobutadiene	11	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BECJ LCSD

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: BECJ LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BEC10JQD

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

% Moisture: not dec. _____ Date Analyzed: 12/28/05

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	12	
76-14-2	1,2-Dichlorotetrafluoroethan	12	
74-87-3	Chloromethane	13	
75-01-4	Vinyl Chloride	12	
106-99-0	1,3-Butadiene	12	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	12	
593-60-2	Bromoethene	11	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	10	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	14	
67-63-0	Isopropyl Alcohol	12	
75-15-0	Carbon Disulfide	11	
107-05-1	3-Chloropropene	10	
75-09-2	Methylene Chloride	11	
75-65-0	tert-Butyl Alcohol	11	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	11	
110-54-3	n-Hexane	11	
75-34-3	1,1-Dichloroethane	11	
540-59-0	1,2-Dichloroethene (total)	20	
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	9.3	
109-99-9	Tetrahydrofuran	12	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.7	
56-23-5	Carbon Tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	10	
71-43-2	Benzene	9.6	
107-06-2	1,2-Dichloroethane	12	
142-82-5	n-Heptane	11	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BECJ LCSD

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: BECJ LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BEC10JQD

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

% Moisture: not dec. _____ Date Analyzed: 12/28/05

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	9.9	
78-87-5	1,2-Dichloropropane	11	
123-91-1	1,4-Dioxane	13	
75-27-4	Bromodichloromethane	10	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	13	
108-88-3	Toluene	9.5	
10061-02-6	trans-1,3-Dichloropropene	9.4	
79-00-5	1,1,2-Trichloroethane	9.6	
127-18-4	Tetrachloroethene	9.6	
591-78-6	Methyl Butyl Ketone	12	
124-48-1	Dibromochloromethane	9.9	
106-93-4	1,2-Dibromoethane	9.7	
108-90-7	Chlorobenzene	9.7	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	21	
95-47-6	Xylene (o)	10	
1330-20-7	Xylene (total)	30	
100-42-5	Styrene	10	
75-25-2	Bromoform	41	E
79-34-5	1,1,2,2-Tetrachloroethane	10	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	11	
95-49-8	2-Chlorotoluene	10	
95-63-6	1,2,4-Trimethylbenzene	11	
541-73-1	1,3-Dichlorobenzene	11	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	9.4	
87-68-3	Hexachlorobutadiene	11	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BECK LCS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: BECK LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BEC10KQ

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

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	12	
76-14-2	1,2-Dichlorotetrafluoroethan	12	
74-87-3	Chloromethane	13	
75-01-4	Vinyl Chloride	12	
106-99-0	1,3-Butadiene	12	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	11	
593-60-2	Bromoethene	11	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	10	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	14	
67-63-0	Isopropyl Alcohol	12	
75-15-0	Carbon Disulfide	11	
107-05-1	3-Chloropropene	11	
75-09-2	Methylene Chloride	11	
75-65-0	tert-Butyl Alcohol	10	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	10	
110-54-3	n-Hexane	11	
75-34-3	1,1-Dichloroethane	10	
540-59-0	1,2-Dichloroethene (total)	20	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	9.3	
109-99-9	Tetrahydrofuran	13	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.8	
56-23-5	Carbon Tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	10	
71-43-2	Benzene	9.9	
107-06-2	1,2-Dichloroethane	12	
142-82-5	n-Heptane	11	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BECK LCS

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: BECK LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BEC10KQ

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

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	10	
78-87-5	1,2-Dichloropropane	11	
123-91-1	1,4-Dioxane	13	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	13	
108-88-3	Toluene	9.8	
10061-02-6	trans-1,3-Dichloropropene	9.4	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	9.8	
591-78-6	Methyl Butyl Ketone	12	
124-48-1	Dibromochloromethane	10	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	9.9	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	21	
95-47-6	Xylene (o)	10	
1330-20-7	Xylene (total)	30	
100-42-5	Styrene	10	
75-25-2	Bromoform	42	E
79-34-5	1,1,2,2-Tetrachloroethane	10	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	11	
95-49-8	2-Chlorotoluene	11	
95-63-6	1,2,4-Trimethylbenzene	11	
541-73-1	1,3-Dichlorobenzene	11	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	9.0	
87-68-3	Hexachlorobutadiene	10	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BECK LCSD

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: BECK LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BEC10KQD

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

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	12	
76-14-2	1,2-Dichlorotetrafluoroethan	12	
74-87-3	Chloromethane	12	
75-01-4	Vinyl Chloride	12	
106-99-0	1,3-Butadiene	12	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	11	
593-60-2	Bromoethene	11	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	10	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	14	
67-63-0	Isopropyl Alcohol	12	
75-15-0	Carbon Disulfide	11	
107-05-1	3-Chloropropene	10	
75-09-2	Methylene Chloride	11	
75-65-0	tert-Butyl Alcohol	12	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	10	
110-54-3	n-Hexane	10	
75-34-3	1,1-Dichloroethane	10	
540-59-0	1,2-Dichloroethene (total)	20	
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	9.2	
109-99-9	Tetrahydrofuran	13	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.7	
56-23-5	Carbon Tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	10	
71-43-2	Benzene	9.6	
107-06-2	1,2-Dichloroethane	11	
142-82-5	n-Heptane	11	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BECK LCSD

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix: (soil/water) AIR Lab Sample ID: BECK LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: BEC10KQD

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

% Moisture: not dec. _____ Date Analyzed: 12/29/05

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	9.9	
78-87-5	1,2-Dichloropropane	11	
123-91-1	1,4-Dioxane	13	
75-27-4	Bromodichloromethane	10	
10061-01-5	cis-1,3-Dichloropropene	10	
108-10-1	Methyl Isobutyl Ketone	13	
108-88-3	Toluene	9.5	
10061-02-6	trans-1,3-Dichloropropene	9.3	
79-00-5	1,1,2-Trichloroethane	9.6	
127-18-4	Tetrachloroethene	9.6	
591-78-6	Methyl Butyl Ketone	12	
124-48-1	Dibromochloromethane	9.9	
106-93-4	1,2-Dibromoethane	9.8	
108-90-7	Chlorobenzene	9.8	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	21	
95-47-6	Xylene (o)	10	
1330-20-7	Xylene (total)	30	
100-42-5	Styrene	10	
75-25-2	Bromoform	41	E
79-34-5	1,1,2,2-Tetrachloroethane	10	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	11	
95-49-8	2-Chlorotoluene	11	
95-63-6	1,2,4-Trimethylbenzene	11	
541-73-1	1,3-Dichlorobenzene	11	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	9.4	
87-68-3	Hexachlorobutadiene	11	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECJ LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		12	120	70-130
1,2-Dichlorotetrafluoro	10		12	120	70-130
Chloromethane	10		12	120	70-130
Vinyl Chloride	10		12	120	70-130
1,3-Butadiene	10		12	120	70-130
Bromomethane	10		11	110	70-130
Chloroethane	10		11	110	70-130
Bromoethene	10		11	110	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		10	100	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		14	140*	70-130
Isopropyl Alcohol	10		12	120	70-130
Carbon Disulfide	10		11	110	70-130
3-Chloropropene	10		10	100	70-130
Methylene Chloride	10		11	110	70-130
tert-Butyl Alcohol	10		12	120	70-130
Methyl tert-Butyl Ether	10		11	110	70-130
trans-1,2-Dichloroethen	10		10	100	70-130
n-Hexane	10		10	100	70-130
1,1-Dichloroethane	10		10	100	70-130
1,2-Dichloroethene (tot	20		19	95	70-130
Methyl Ethyl Ketone	10		10	100	70-130
cis-1,2-Dichloroethene	10		9.2	92	70-130
Tetrahydrofuran	10		12	120	70-130
Chloroform	10		10	100	70-130
1,1,1-Trichloroethane	10		11	110	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECJ LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon Tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		9.9	99	70-130
Benzene	10		9.5	95	70-130
1,2-Dichloroethane	10		11	110	70-130
n-Heptane	10		11	110	70-130
Trichloroethene	10		9.8	98	70-130
1,2-Dichloropropane	10		10	100	70-130
1,4-Dioxane	10		13	130	70-130
Bromodichloromethane	10		10	100	70-130
cis-1,3-Dichloropropene	10		10	100	70-130
Methyl Isobutyl Ketone	10		13	130	70-130
Toluene	10		9.4	94	70-130
trans-1,3-Dichloroprope	10		9.1	91	70-130
1,1,2-Trichloroethane	10		9.6	96	70-130
Tetrachloroethene	10		9.6	96	70-130
Methyl Butyl Ketone	10		12	120	70-130
Dibromochloromethane	10		9.8	98	70-130
1,2-Dibromoethane	10		9.7	97	70-130
Chlorobenzene	10		9.7	97	70-130
Ethylbenzene	10		10	100	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		9.9	99	70-130
Bromoform	40		41	102	70-130
1,1,2,2-Tetrachloroetha	10		10	100	70-130
4-Ethyltoluene	10		11	110	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECJ 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		11	110	70-130
1,3-Dichlorobenzene	10		11	110	70-130
1,4-Dichlorobenzene	10		11	110	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		9.2	92	70-130
Hexachlorobutadiene	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECJ LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	10	12	120	0	25	70-130
1,2-Dichlorotetrafluoro	10	12	120	0	25	70-130
Chloromethane	10	13	130	8	25	70-130
Vinyl Chloride	10	12	120	0	25	70-130
1,3-Butadiene	10	12	120	0	25	70-130
Bromomethane	10	11	110	0	25	70-130
Chloroethane	10	12	120	9	25	70-130
Bromoethene	10	11	110	0	25	70-130
Trichlorofluoromethane	10	11	110	0	25	70-130
Freon TF	10	10	100	0	25	70-130
1,1-Dichloroethene	10	11	110	0	25	70-130
Acetone	10	14	140*	0	25	70-130
Isopropyl Alcohol	10	12	120	0	25	70-130
Carbon Disulfide	10	11	110	0	25	70-130
3-Chloropropene	10	10	100	0	25	70-130
Methylene Chloride	10	11	110	0	25	70-130
tert-Butyl Alcohol	10	11	110	9	25	70-130
Methyl tert-Butyl Ether	10	11	110	0	25	70-130
trans-1,2-Dichloroethen	10	11	110	10	25	70-130
n-Hexane	10	11	110	10	25	70-130
1,1-Dichloroethane	10	11	110	10	25	70-130
1,2-Dichloroethene (tot	20	20	100	5	25	70-130
Methyl Ethyl Ketone	10	11	110	10	25	70-130
cis-1,2-Dichloroethene	10	9.3	93	1	25	70-130
Tetrahydrofuran	10	12	120	0	25	70-130
Chloroform	10	10	100	0	25	70-130
1,1,1-Trichloroethane	10	11	110	0	25	70-130
Cyclohexane	10	9.7	97	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECJ LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon Tetrachloride	10	11	110	0	25	70-130
2,2,4-Trimethylpentane	10	10	100	1	25	70-130
Benzene	10	9.6	96	1	25	70-130
1,2-Dichloroethane	10	12	120	9	25	70-130
n-Heptane	10	11	110	0	25	70-130
Trichloroethene	10	9.9	99	1	25	70-130
1,2-Dichloropropane	10	11	110	10	25	70-130
1,4-Dioxane	10	13	130	0	25	70-130
Bromodichloromethane	10	10	100	0	25	70-130
cis-1,3-Dichloropropene	10	11	110	10	25	70-130
Methyl Isobutyl Ketone	10	13	130	0	25	70-130
Toluene	10	9.5	95	1	25	70-130
trans-1,3-Dichloroprope	10	9.4	94	3	25	70-130
1,1,2-Trichloroethane	10	9.6	96	0	25	70-130
Tetrachloroethene	10	9.6	96	0	25	70-130
Methyl Butyl Ketone	10	12	120	0	25	70-130
Dibromochloromethane	10	9.9	99	1	25	70-130
1,2-Dibromoethane	10	9.7	97	0	25	70-130
Chlorobenzene	10	9.7	97	0	25	70-130
Ethylbenzene	10	10	100	0	25	70-130
Xylene (m,p)	20	21	105	5	25	70-130
Xylene (o)	10	10	100	0	25	70-130
Xylene (total)	30	30	100	0	25	70-130
Styrene	10	10	100	1	25	70-130
Bromoform	40	41	102	0	25	70-130
1,1,2,2-Tetrachloroetha	10	10	100	0	25	70-130
4-Ethyltoluene	10	11	110	0	25	70-130
1,3,5-Trimethylbenzene	10	11	110	0	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECJ LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2-Chlorotoluene	10	10	100	0	25	70-130
1,2,4-Trimethylbenzene	10	11	110	0	25	70-130
1,3-Dichlorobenzene	10	11	110	0	25	70-130
1,4-Dichlorobenzene	10	11	110	0	25	70-130
1,2-Dichlorobenzene	10	10	100	0	25	70-130
1,2,4-Trichlorobenzene	10	9.4	94	2	25	70-130
Hexachlorobutadiene	10	11	110	0	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: 2 out of 126 outside limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECK LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		12	120	70-130
1,2-Dichlorotetrafluoro	10		12	120	70-130
Chloromethane	10		13	130	70-130
Vinyl Chloride	10		12	120	70-130
1,3-Butadiene	10		12	120	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		11	110	70-130
Bromoethene	10		11	110	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		10	100	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		14	140*	70-130
Isopropyl Alcohol	10		12	120	70-130
Carbon Disulfide	10		11	110	70-130
3-Chloropropene	10		11	110	70-130
Methylene Chloride	10		11	110	70-130
tert-Butyl Alcohol	10		10	100	70-130
Methyl tert-Butyl Ether	10		11	110	70-130
trans-1,2-Dichloroethen	10		10	100	70-130
n-Hexane	10		11	110	70-130
1,1-Dichloroethane	10		10	100	70-130
1,2-Dichloroethene (tot	20		20	100	70-130
Methyl Ethyl Ketone	10		10	100	70-130
cis-1,2-Dichloroethene	10		9.3	93	70-130
Tetrahydrofuran	10		13	130	70-130
Chloroform	10		10	100	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECK LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon Tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		10	100	70-130
Benzene	10		9.9	99	70-130
1,2-Dichloroethane	10		12	120	70-130
n-Heptane	10		11	110	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		11	110	70-130
1,4-Dioxane	10		13	130	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		11	110	70-130
Methyl Isobutyl Ketone	10		13	130	70-130
Toluene	10		9.8	98	70-130
trans-1,3-Dichloroprope	10		9.4	94	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		9.8	98	70-130
Methyl Butyl Ketone	10		12	120	70-130
Dibromochloromethane	10		10	100	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		9.9	99	70-130
Ethylbenzene	10		10	100	70-130
Xylene (m,p)	20		21	105	70-130
Xylene (o)	10		10	100	70-130
Xylene (total)	30		30	100	70-130
Styrene	10		10	100	70-130
Bromoform	40		42	105	70-130
1,1,2,2-Tetrachloroetha	10		10	100	70-130
4-Ethyltoluene	10		11	110	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECK LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		11	110	70-130
1,2,4-Trimethylbenzene	10		11	110	70-130
1,3-Dichlorobenzene	10		11	110	70-130
1,4-Dichlorobenzene	10		11	110	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		9.0	90	70-130
Hexachlorobutadiene	10		10	100	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECK LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	10	12	120	0	25	70-130
1,2-Dichlorotetrafluoro	10	12	120	0	25	70-130
Chloromethane	10	12	120	8	25	70-130
Vinyl Chloride	10	12	120	0	25	70-130
1,3-Butadiene	10	12	120	0	25	70-130
Bromomethane	10	10	100	0	25	70-130
Chloroethane	10	11	110	0	25	70-130
Bromoethene	10	11	110	0	25	70-130
Trichlorofluoromethane	10	11	110	0	25	70-130
Freon TF	10	10	100	0	25	70-130
1,1-Dichloroethene	10	11	110	0	25	70-130
Acetone	10	14	140*	0	25	70-130
Isopropyl Alcohol	10	12	120	0	25	70-130
Carbon Disulfide	10	11	110	0	25	70-130
3-Chloropropene	10	10	100	10	25	70-130
Methylene Chloride	10	11	110	0	25	70-130
tert-Butyl Alcohol	10	12	120	18	25	70-130
Methyl tert-Butyl Ether	10	11	110	0	25	70-130
trans-1,2-Dichloroethen	10	10	100	0	25	70-130
n-Hexane	10	10	100	10	25	70-130
1,1-Dichloroethane	10	10	100	0	25	70-130
1,2-Dichloroethene (tot	20	20	100	0	25	70-130
Methyl Ethyl Ketone	10	11	110	10	25	70-130
cis-1,2-Dichloroethene	10	9.2	92	1	25	70-130
Tetrahydrofuran	10	13	130	0	25	70-130
Chloroform	10	10	100	0	25	70-130
1,1,1-Trichloroethane	10	11	110	0	25	70-130
Cyclohexane	10	9.7	97	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECK LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon Tetrachloride	10	11	110	0	25	70-130
2,2,4-Trimethylpentane	10	10	100	0	25	70-130
Benzene	10	9.6	96	3	25	70-130
1,2-Dichloroethane	10	11	110	9	25	70-130
n-Heptane	10	11	110	0	25	70-130
Trichloroethene	10	9.9	99	1	25	70-130
1,2-Dichloropropane	10	11	110	0	25	70-130
1,4-Dioxane	10	13	130	0	25	70-130
Bromodichloromethane	10	10	100	10	25	70-130
cis-1,3-Dichloropropene	10	10	100	10	25	70-130
Methyl Isobutyl Ketone	10	13	130	0	25	70-130
Toluene	10	9.5	95	3	25	70-130
trans-1,3-Dichloroprope	10	9.3	93	1	25	70-130
1,1,2-Trichloroethane	10	9.6	96	4	25	70-130
Tetrachloroethene	10	9.6	96	2	25	70-130
Methyl Butyl Ketone	10	12	120	0	25	70-130
Dibromochloromethane	10	9.9	99	1	25	70-130
1,2-Dibromoethane	10	9.8	98	2	25	70-130
Chlorobenzene	10	9.8	98	1	25	70-130
Ethylbenzene	10	10	100	0	25	70-130
Xylene (m,p)	20	21	105	0	25	70-130
Xylene (o)	10	10	100	0	25	70-130
Xylene (total)	30	30	100	0	25	70-130
Styrene	10	10	100	0	25	70-130
Bromoform	40	41	102	3	25	70-130
1,1,2,2-Tetrachloroetha	10	10	100	0	25	70-130
4-Ethyltoluene	10	11	110	0	25	70-130
1,3,5-Trimethylbenzene	10	11	110	0	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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Matrix Spike - Sample No.: BECK LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2-Chlorotoluene	10	11	110	0	25	70-130
1,2,4-Trimethylbenzene	10	11	110	0	25	70-130
1,3-Dichlorobenzene	10	11	110	0	25	70-130
1,4-Dichlorobenzene	10	11	110	0	25	70-130
1,2-Dichlorobenzene	10	10	100	0	25	70-130
1,2,4-Trichlorobenzene	10	9.4	94	4	25	70-130
Hexachlorobutadiene	10	11	110	10	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: 2 out of 126 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK122805BA

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Lab File ID: BECB01J Lab Sample ID: MBLK122805BA

Date Analyzed: 12/28/05 Time Analyzed: 1325

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: B

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	BECJ LCS	BECJ LCS	BEC10JQ	1158
02	BECJ LCSD	BECJ LCSD	BEC10JQD	1242
03	TRIP_BLANK	652891	652891	0054
04	OUTSIDE_AMBI	652883	652883	0138
05	SV-1	652884	652884	0221
06	SV-2	652885	652885	0305
07	SV-3	652886	652886	0349
08	SV-6	652889	652889	0601
09	DUPLICATE	652890	652890	0645
10	WORKSTATION	652892	652892	0729
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
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30				

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK122905BA

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Lab File ID: BECB01K Lab Sample ID: MBLK122905BA

Date Analyzed: 12/29/05 Time Analyzed: 1151

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: B

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	BECK LCS	BECK LCS	BEC10KQ	1023
02	BECK LCSD	BECK LCSD	BEC10KQD	1107
03	SV-4	652887	652887D	1403
04	SV-5	652888	652888D2	1531
05				
06				
07				
08				
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Lab File ID: BEC01PV BFB Injection Date: 12/08/05

Instrument ID: B BFB Injection Time: 1733

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	18.8
75	30.0 - 66.0% of mass 95	49.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.4
173	Less than 2.0% of mass 174	0.7 (0.8)1
174	50.0 - 120.0% of mass 95	92.0
175	4.0 - 9.0% of mass 174	8.2 (8.9)1
176	93.0 - 101.0% of mass 174	89.4 (97.2)1
177	5.0 - 9.0% of mass 176	7.4 (8.3)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	BEC002V	12/08/05	1942
02	ASTD0005	ASTD0005	BEC005V	12/08/05	2026
03	ASTD005	ASTD005	BEC05V	12/08/05	2110
04	ASTD010	ASTD010	BEC10V	12/08/05	2154
05	ASTD015	ASTD015	BEC15V	12/08/05	2238
06	ASTD020	ASTD020	BEC20V	12/08/05	2322
07	ASTD040	ASTD040	BEC40V	12/09/05	0006
08					
09					
10					
11					
12					
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15					
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17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Lab File ID: BEC12PV BFB Injection Date: 12/28/05

Instrument ID: B BFB Injection Time: 0911

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	17.3
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.3
173	Less than 2.0% of mass 174	0.8 (0.9)1
174	50.0 - 120.0% of mass 95	96.3
175	4.0 - 9.0% of mass 174	8.5 (8.8)1
176	93.0 - 101.0% of mass 174	93.7 (97.4)1
177	5.0 - 9.0% of mass 176	7.5 (8.0)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	BEC10JV2	12/28/05	1100
02	BECJ LCS	BECJ LCS	BEC10JQ	12/28/05	1158
03	BECJ LCSD	BECJ LCSD	BEC10JQD	12/28/05	1242
04	MBLK122805BA	MBLK122805BA	BECB01J	12/28/05	1325
05	TRIP_BLANK	652891	652891	12/29/05	0054
06	OUTSIDE_AMBI	652883	652883	12/29/05	0138
07	SV-1	652884	652884	12/29/05	0221
08	SV-2	652885	652885	12/29/05	0305
09	SV-3	652886	652886	12/29/05	0349
10	SV-6	652889	652889	12/29/05	0601
11	DUPLICATE	652890	652890	12/29/05	0645
12	WORKSTATION	652892	652892	12/29/05	0729
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Lab File ID: BEC13PV BFB Injection Date: 12/29/05

Instrument ID: B BFB Injection Time: 0857

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	17.3
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.3
173	Less than 2.0% of mass 174	0.8 (0.8)1
174	50.0 - 120.0% of mass 95	98.2
175	4.0 - 9.0% of mass 174	8.6 (8.8)1
176	93.0 - 101.0% of mass 174	96.0 (97.7)1
177	5.0 - 9.0% of mass 176	7.7 (8.1)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	BEC10KV	12/29/05	0939
02	BECK LCS	BECK LCS	BEC10KQ	12/29/05	1023
03	BECK LCSD	BECK LCSD	BEC10KQD	12/29/05	1107
04	MBLK122905BA	MBLK122905BA	BECB01K	12/29/05	1151
05	SV-4	652887	652887D	12/29/05	1403
06	SV-5	652888	652888D2	12/29/05	1531
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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Instrument ID: B Calibration Date(s): 12/08/05 12/09/05

Heated Purge: (Y/N) N Calibration Time(s): 1942 0006

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=BEC002V RRF0.5=BEC005V
RRF2 = RRF5 =BEC05V RRF10 =BEC10V

COMPOUND		RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD	
Dichlorodifluoromethane			2.215		1.805	1.641			
1,2-Dichlorotetrafluoroethan		2.205	2.080		1.820	1.655			
Chloromethane			0.551		0.471	0.428			
Vinyl Chloride		0.731	0.717		0.657	0.597			
1,3-Butadiene			0.616		0.528	0.484			
Bromomethane		0.922	0.906		0.800	0.728			
Chloroethane			0.526		0.476	0.435			
Bromoethene		1.006	0.938		0.848	0.771			
Trichlorofluoromethane		2.916	3.051		2.405	2.192			
Freon TF		2.101	2.621		1.787	1.619			
1,1-Dichloroethene		0.941	0.935		0.880	0.810			
Acetone					1.244	1.124			
Isopropyl Alcohol					0.832	0.851			
Carbon Disulfide			2.736		2.391	2.163			
3-Chloropropene			1.165		1.105	0.936			
Methylene Chloride			1.111		0.825	0.735			
tert-Butyl Alcohol					1.286	1.308			
Methyl tert-Butyl Ether			2.790		2.289	2.104			
trans-1,2-Dichloroethene		1.372	1.299		1.118	1.013			
n-Hexane			1.523		1.319	1.148			
1,1-Dichloroethane	*	1.742	1.578		1.386	1.251			*
1,2-Dichloroethene (total)		1.316	1.168		1.004	0.910			
Methyl Ethyl Ketone			0.568		0.426	0.386			
cis-1,2-Dichloroethene		1.260	1.038		0.889	0.807			
Tetrahydrofuran					0.183	0.162			
Chloroform		2.350	2.053		1.727	1.559			
1,1,1-Trichloroethane		0.540	0.490		0.425	0.381			
Cyclohexane		0.346	0.312		0.271	0.244			
Carbon Tetrachloride		0.537	0.490		0.431	0.386			
2,2,4-Trimethylpentane		1.029	0.933		0.772	0.690			
Benzene		0.689	0.620		0.526	0.468			
1,2-Dichloroethane		0.302	0.294		0.257	0.232			
n-Heptane		0.370	0.352		0.296	0.265			
Trichloroethene		0.330	0.291		0.254	0.228			
1,2-Dichloropropane		0.227	0.220		0.187	0.168			
1,4-Dioxane					0.072	0.070			
Bromodichloromethane		0.552	0.473		0.413	0.370			

* 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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Instrument ID: B Calibration Date(s): 12/08/05 12/09/05

Heated Purge: (Y/N) N Calibration Time(s): 1942 0006

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=BEC002V RRF0.5=BEC005V
RRF2 = RRF5 =BEC05V RRF10 =BEC10V

	COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD	
	cis-1,3-Dichloropropene	0.415	0.359		0.304	0.275			
	Methyl Isobutyl Ketone		0.382		0.339	0.318			
	Toluene	0.556	0.490		0.422	0.374			
	trans-1,3-Dichloropropene	0.378	0.361		0.314	0.286			
	1,1,2-Trichloroethane	0.249	0.243		0.202	0.180			
	Tetrachloroethene	0.430	0.396		0.345	0.308			
	Methyl Butyl Ketone		0.386		0.335	0.318			
	Dibromochloromethane	0.557	0.483		0.435	0.389			
	1,2-Dibromoethane	0.456	0.408		0.360	0.326			
*	Chlorobenzene	0.711	0.622		0.550	0.493			*
	Ethylbenzene	1.124	1.034		0.878	0.790			
	Xylene (m,p)	0.408	0.373		0.349	0.312			
	Xylene (o)	0.425	0.392		0.358	0.322			
	Xylene (total)	0.425	0.392		0.358	0.322			
	Styrene	0.650	0.572		0.559	0.508			
	Bromoform	0.466	0.406		0.400	0.361			
	1,1,2,2-Tetrachloroethane	0.528	0.488		0.473	0.425			
	4-Ethyltoluene	1.167	1.008		1.093	0.969			
	1,3,5-Trimethylbenzene	0.954	0.868		0.815	0.756			
	2-Chlorotoluene	0.973	0.879		0.854	0.770			
	1,2,4-Trimethylbenzene	0.934	0.804		0.824	0.745			
	1,3-Dichlorobenzene	0.579	0.479		0.534	0.486			
	1,4-Dichlorobenzene	0.558	0.477		0.525	0.481			
	1,2-Dichlorobenzene	0.566	0.462		0.519	0.468			
	1,2,4-Trichlorobenzene		0.172		0.300	0.284			
	Hexachlorobutadiene	0.272	0.210		0.332	0.293			

* 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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Instrument ID: B Calibration Date(s): 12/08/05 12/09/05

Heated Purge: (Y/N) N Calibration Time(s): 1942 0006

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =BEC15V RRF20 =BEC20V
RRF40 =BEC40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Dichlorodifluoromethane		1.457	1.144			1.652	24.1
1,2-Dichlorotetrafluoroethan		1.482	1.156			1.733	22.4
Chloromethane		0.381	0.301			0.426	22.1
Vinyl Chloride		0.535	0.419			0.609	19.5
1,3-Butadiene		0.429	0.339			0.479	21.7
Bromomethane		0.626	0.490			0.745	22.4
Chloroethane		0.371	0.288			0.419	22.1
Bromoethene		0.673	0.530			0.794	22.0
Trichlorofluoromethane		1.929	1.500			2.332	25.3
Freon TF		1.448	1.141			1.786	29.1
1,1-Dichloroethene		0.727	0.568			0.810	17.7
Acetone	1.035	0.892	0.630			0.985	24.0
Isopropyl Alcohol	0.787	0.739	0.542			0.750	16.5
Carbon Disulfide		1.921	1.506			2.143	21.7
3-Chloropropene		0.823	0.649			0.936	22.4
Methylene Chloride		0.644	0.502			0.763	29.9
tert-Butyl Alcohol	1.161	1.059	0.768			1.116	19.6
Methyl tert-Butyl Ether		1.769	1.252			2.041	28.2
trans-1,2-Dichloroethene		0.890	0.698			1.065	23.7
n-Hexane		1.001	0.801			1.158	24.1
1,1-Dichloroethane *		1.108	0.868			1.322	24.0*
1,2-Dichloroethene (total)		0.806	0.634			0.973	25.3
Methyl Ethyl Ketone		0.316	0.216			0.382	34.1
cis-1,2-Dichloroethene		0.723	0.569			0.881	27.6
Tetrahydrofuran	0.153	0.135	0.094			0.145	23.1
Chloroform		1.379	1.078			1.691	27.2
1,1,1-Trichloroethane		0.345	0.277			0.410	23.5
Cyclohexane		0.218	0.176			0.261	23.8
Carbon Tetrachloride		0.349	0.282			0.412	22.6
2,2,4-Trimethylpentane		0.604	0.484			0.752	27.1
Benzene		0.423	0.333			0.510	25.6
1,2-Dichloroethane		0.208	0.163			0.243	21.8
n-Heptane		0.230	0.182			0.282	25.4
Trichloroethene		0.207	0.167			0.246	23.9
1,2-Dichloropropane		0.147	0.112			0.177	24.9
1,4-Dioxane	0.065	0.062	0.043			0.062	18.9
Bromodichloromethane		0.333	0.258			0.400	26.1

* 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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Instrument ID: B Calibration Date(s): 12/08/05 12/09/05

Heated Purge: (Y/N) N Calibration Time(s): 1942 0006

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =BEC15V RRF20 =BEC20V
RRF40 =BEC40V

COMPOUND		RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene			0.243	0.185			0.297	27.7
Methyl Isobutyl Ketone			0.247	0.174			0.292	28.1
Toluene			0.323	0.244			0.402	28.1
trans-1,3-Dichloropropene			0.252	0.193			0.297	23.2
1,1,2-Trichloroethane			0.156	0.118			0.191	26.6
Tetrachloroethene			0.279	0.222			0.330	23.2
Methyl Butyl Ketone			0.245	0.177			0.292	28.0
Dibromochloromethane			0.346	0.264			0.412	25.0
1,2-Dibromoethane			0.288	0.217			0.342	25.0
Chlorobenzene	*		0.424	0.330			0.522	26.3*
Ethylbenzene			0.660	0.505			0.832	27.8
Xylene (m,p)			0.258	0.200			0.317	24.2
Xylene (o)			0.263	0.204			0.327	25.3
Xylene (total)			0.263	0.204			0.327	25.3
Styrene			0.410	0.327			0.504	23.3
Bromoform			0.320	0.251			0.367	20.4
1,1,2,2-Tetrachloroethane			0.351	0.266			0.422	23.1
4-Ethyltoluene			0.732	0.575			0.924	24.5
1,3,5-Trimethylbenzene			0.604	0.495			0.749	22.8
2-Chlorotoluene			0.609	0.492			0.763	23.7
1,2,4-Trimethylbenzene			0.543	0.453			0.717	25.4
1,3-Dichlorobenzene			0.380	0.321			0.463	20.8
1,4-Dichlorobenzene			0.370	0.318			0.455	20.3
1,2-Dichlorobenzene			0.354	0.300			0.445	22.5
1,2,4-Trichlorobenzene		0.296	0.197	0.173			0.237	26.3
Hexachlorobutadiene		0.293	0.207	0.160			0.252	24.2

* 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: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Instrument ID: B Calibration Date: 12/28/05 Time: 1100

Lab File ID: BEC10JV2 Init. Calib. Date(s): 12/08/05 12/09/05

Heated Purge: (Y/N) N Init. Calib. Times: 1942 0006

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	1.652	1.733	0.01	4.9	30.0
1,2-Dichlorotetrafluoroethan	1.733	1.818	0.01	4.9	30.0
Chloromethane	0.426	0.476	0.01	11.7	30.0
Vinyl Chloride	0.609	0.645	0.01	5.9	30.0
1,3-Butadiene	0.479	0.508	0.01	6.0	30.0
Bromomethane	0.745	0.717	0.01	3.8	30.0
Chloroethane	0.419	0.427	0.01	1.9	30.0
Bromoethene	0.794	0.746	0.01	6.0	30.0
Trichlorofluoromethane	2.332	2.220	0.01	4.8	30.0
Freon TF	1.786	1.516	0.01	15.1	30.0
1,1-Dichloroethene	0.810	0.734	0.01	9.4	30.0
Acetone	0.985	1.212	0.01	23.0	30.0
Isopropyl Alcohol	0.750	0.774	0.01	3.2	30.0
Carbon Disulfide	2.143	1.990	0.01	7.1	30.0
3-Chloropropene	0.936	0.881	0.01	5.9	30.0
Methylene Chloride	0.763	0.711	0.01	6.8	30.0
tert-Butyl Alcohol	1.116	1.181	0.01	5.8	30.0
Methyl tert-Butyl Ether	2.041	1.948	0.01	4.6	30.0
trans-1,2-Dichloroethene	1.065	0.953	0.01	10.5	30.0
n-Hexane	1.158	1.058	0.01	8.6	30.0
1,1-Dichloroethane	1.322	1.188	0.1	10.1	30.0
1,2-Dichloroethene (total)	0.973	0.828	0.01	14.9	30.0
Methyl Ethyl Ketone	0.382	0.350	0.01	8.4	30.0
cis-1,2-Dichloroethene	0.881	0.703	0.01	20.2	30.0
Tetrahydrofuran	0.145	0.157	0.01	8.3	30.0
Chloroform	1.691	1.451	0.01	14.2	30.0
1,1,1-Trichloroethane	0.410	0.369	0.01	10.0	30.0
Cyclohexane	0.261	0.218	0.01	16.5	30.0
Carbon Tetrachloride	0.412	0.381	0.01	7.5	30.0
2,2,4-Trimethylpentane	0.752	0.647	0.01	14.0	30.0
Benzene	0.510	0.418	0.01	18.0	30.0
1,2-Dichloroethane	0.243	0.234	0.01	3.7	30.0
n-Heptane	0.282	0.258	0.01	8.5	30.0
Trichloroethene	0.246	0.208	0.01	15.4	30.0
1,2-Dichloropropane	0.177	0.156	0.01	11.9	30.0
1,4-Dioxane	0.062	0.060	0.01	3.2	30.0
Bromodichloromethane	0.400	0.349	0.01	12.8	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Instrument ID: B Calibration Date: 12/28/05 Time: 1100

Lab File ID: BEC10JV2 Init. Calib. Date(s): 12/08/05 12/09/05

Heated Purge: (Y/N) N Init. Calib. Times: 1942 0006

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.297	0.252	0.01	15.2	30.0
Methyl Isobutyl Ketone	0.292	0.307	0.01	5.1	30.0
Toluene	0.402	0.326	0.01	18.9	30.0
trans-1,3-Dichloropropene	0.297	0.267	0.01	10.1	30.0
1,1,2-Trichloroethane	0.191	0.162	0.01	15.2	30.0
Tetrachloroethene	0.330	0.270	0.01	18.2	30.0
Methyl Butyl Ketone	0.292	0.299	0.01	2.4	30.0
Dibromochloromethane	0.412	0.353	0.01	14.3	30.0
1,2-Dibromoethane	0.342	0.285	0.01	16.7	30.0
Chlorobenzene	0.522	0.430	0.3	17.6	30.0
Ethylbenzene	0.832	0.708	0.01	14.9	30.0
Xylene (m,p)	0.317	0.273	0.01	13.9	30.0
Xylene (o)	0.327	0.280	0.01	14.4	30.0
Xylene (total)	0.327	0.280	0.01	14.4	30.0
Styrene	0.504	0.419	0.01	16.9	30.0
Bromoform	0.367	0.324	0.01	11.7	30.0
1,1,2,2-Tetrachloroethane	0.422	0.382	0.01	9.5	30.0
4-Ethyltoluene	0.924	0.855	0.01	7.5	30.0
1,3,5-Trimethylbenzene	0.749	0.689	0.01	8.0	30.0
2-Chlorotoluene	0.763	0.695	0.01	8.9	30.0
1,2,4-Trimethylbenzene	0.717	0.673	0.01	6.1	30.0
1,3-Dichlorobenzene	0.463	0.436	0.01	5.8	30.0
1,4-Dichlorobenzene	0.455	0.434	0.01	4.6	30.0
1,2-Dichlorobenzene	0.445	0.426	0.01	4.3	30.0
1,2,4-Trichlorobenzene	0.237	0.246	0.01	3.8	30.0
Hexachlorobutadiene	0.252	0.253	0.01	0.4	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Instrument ID: B Calibration Date: 12/29/05 Time: 0939

Lab File ID: BEC10KV Init. Calib. Date(s): 12/08/05 12/09/05

Heated Purge: (Y/N) N Init. Calib. Times: 1942 0006

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	1.652	1.774	0.01	7.4	30.0
1,2-Dichlorotetrafluoroethan	1.733	1.844	0.01	6.4	30.0
Chloromethane	0.426	0.473	0.01	11.0	30.0
Vinyl Chloride	0.609	0.650	0.01	6.7	30.0
1,3-Butadiene	0.479	0.516	0.01	7.7	30.0
Bromomethane	0.745	0.726	0.01	2.6	30.0
Chloroethane	0.419	0.436	0.01	4.0	30.0
Bromoethene	0.794	0.735	0.01	7.4	30.0
Trichlorofluoromethane	2.332	2.260	0.01	3.1	30.0
Freon TF	1.786	1.512	0.01	15.3	30.0
1,1-Dichloroethene	0.810	0.726	0.01	10.4	30.0
Acetone	0.985	1.091	0.01	10.8	30.0
Isopropyl Alcohol	0.750	0.762	0.01	1.6	30.0
Carbon Disulfide	2.143	1.971	0.01	8.0	30.0
3-Chloropropene	0.936	0.874	0.01	6.6	30.0
Methylene Chloride	0.763	0.712	0.01	6.7	30.0
tert-Butyl Alcohol	1.116	1.079	0.01	3.3	30.0
Methyl tert-Butyl Ether	2.041	1.865	0.01	8.6	30.0
trans-1,2-Dichloroethene	1.065	0.959	0.01	10.0	30.0
n-Hexane	1.158	1.063	0.01	8.2	30.0
1,1-Dichloroethane	1.322	1.172	0.1	11.3	30.0
1,2-Dichloroethene (total)	0.973	0.830	0.01	14.7	30.0
Methyl Ethyl Ketone	0.382	0.322	0.01	15.7	30.0
cis-1,2-Dichloroethene	0.881	0.700	0.01	20.5	30.0
Tetrahydrofuran	0.145	0.153	0.01	5.5	30.0
Chloroform	1.691	1.463	0.01	13.5	30.0
1,1,1-Trichloroethane	0.410	0.378	0.01	7.8	30.0
Cyclohexane	0.261	0.219	0.01	16.1	30.0
Carbon Tetrachloride	0.412	0.390	0.01	5.3	30.0
2,2,4-Trimethylpentane	0.752	0.647	0.01	14.0	30.0
Benzene	0.510	0.420	0.01	17.6	30.0
1,2-Dichloroethane	0.243	0.236	0.01	2.9	30.0
n-Heptane	0.282	0.260	0.01	7.8	30.0
Trichloroethene	0.246	0.208	0.01	15.4	30.0
1,2-Dichloropropane	0.177	0.157	0.01	11.3	30.0
1,4-Dioxane	0.062	0.054	0.01	12.9	30.0
Bromodichloromethane	0.400	0.354	0.01	11.5	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Instrument ID: B Calibration Date: 12/29/05 Time: 0939

Lab File ID: BEC10KV Init. Calib. Date(s): 12/08/05 12/09/05

Heated Purge: (Y/N) N Init. Calib. Times: 1942 0006

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.297	0.252	0.01	15.2	30.0
Methyl Isobutyl Ketone	0.292	0.287	0.01	1.7	30.0
Toluene	0.402	0.322	0.01	19.9	30.0
trans-1,3-Dichloropropene	0.297	0.267	0.01	10.1	30.0
1,1,2-Trichloroethane	0.191	0.159	0.01	16.8	30.0
Tetrachloroethene	0.330	0.272	0.01	17.6	30.0
Methyl Butyl Ketone	0.292	0.277	0.01	5.1	30.0
Dibromochloromethane	0.412	0.355	0.01	13.8	30.0
1,2-Dibromoethane	0.342	0.283	0.01	17.2	30.0
Chlorobenzene	0.522	0.433	0.3	17.0	30.0
Ethylbenzene	0.832	0.698	0.01	16.1	30.0
Xylene (m,p)	0.317	0.269	0.01	15.1	30.0
Xylene (o)	0.327	0.277	0.01	15.3	30.0
Xylene (total)	0.327	0.277	0.01	15.3	30.0
Styrene	0.504	0.423	0.01	16.1	30.0
Bromoform	0.367	0.327	0.01	10.9	30.0
1,1,2,2-Tetrachloroethane	0.422	0.374	0.01	11.4	30.0
4-Ethyltoluene	0.924	0.821	0.01	11.1	30.0
1,3,5-Trimethylbenzene	0.749	0.676	0.01	9.7	30.0
2-Chlorotoluene	0.763	0.688	0.01	9.8	30.0
1,2,4-Trimethylbenzene	0.717	0.652	0.01	9.1	30.0
1,3-Dichlorobenzene	0.463	0.428	0.01	7.6	30.0
1,4-Dichlorobenzene	0.455	0.428	0.01	5.9	30.0
1,2-Dichlorobenzene	0.445	0.415	0.01	6.7	30.0
1,2,4-Trichlorobenzene	0.237	0.220	0.01	7.2	30.0
Hexachlorobutadiene	0.252	0.231	0.01	8.3	30.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Lab File ID (Standard): BEC10JV2 Date Analyzed: 12/28/05

Instrument ID: B Time Analyzed: 1100

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	528675		9.47		2386377		10.34		2312475		12.77	
	UPPER LIMIT	740145		9.80		3340928		10.67		3237465		13.10	
	LOWER LIMIT	317205		9.14		1431826		10.01		1387485		12.44	
	CLIENT SAMPLE NO.												
01	BECJ LCS	525742		9.47		2383988		10.34		2305255		12.77	
02	BECJ LCSD	508274		9.47		2291491		10.34		2257392		12.77	
03	MBLK122805BA	506675		9.47		2275387		10.34		2023446		12.77	
04	TRIP_BLANK	474536		9.47		2122212		10.34		1918806		12.77	
05	OUTSIDE_AMBI	466497		9.47		2067940		10.34		1907082		12.77	
06	SV-1	497659		9.47		2225158		10.34		2076050		12.77	
07	SV-2	464501		9.47		2035194		10.34		1927999		12.77	
08	SV-3	499806		9.47		2216490		10.34		2075424		12.77	
09	SV-6	488112		9.47		2161588		10.34		2040125		12.77	
10	DUPLICATE	516163		9.48		2304543		10.34		2166507		12.77	
11	WORKSTATION	493179		9.47		2133506		10.34		1956088		12.77	
12													
13													
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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.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON Contract: 25000

Lab Code: STLVT Case No.: 25000 SAS No.: SDG No.: 111848

Lab File ID (Standard): BEC10KV Date Analyzed: 12/29/05

Instrument ID: B Time Analyzed: 0939

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	521440	9.48	2344302	10.34	2289589	12.77
	UPPER LIMIT	730016	9.81	3282023	10.67	3205425	13.10
	LOWER LIMIT	312864	9.15	1406581	10.01	1373753	12.44
	CLIENT SAMPLE NO.						
01	BECK LCS	505471	9.47	2216312	10.34	2126056	12.77
02	BECK LCSD	520551	9.48	2315509	10.34	2284489	12.78
03	MBLK122905BA	514107	9.47	2262989	10.34	2038420	12.77
04	SV-4	476244	9.47	2122634	10.34	2027506	12.77
05	SV-5	500620	9.47	2228726	10.34	2164216	12.77
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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.