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ERP - E
VCP - V
BCP - C

SITE INVESTIGATION REPORT
PIERCE AND STEVENS FACILITY
BUFFALO, NEW YORK

PREPARED FOR:

SOVEREIGN SPECIALTY CHEMICALS, INC.
710 Ohio Street
Buffalo, New York 14203

PREPARED BY:

IT CORPORATION

300 W. Washington Boulevard, Suite 900
Chicago, Illinois 60606

IT CORPORATION
A Member of The IT Group

January 2001

Project Number 768912

VOLUME I

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the IT group

January 29, 2001

Kevin W. Johnston, CIH, CSP
Director, Health Safety & Environmental Affairs
Sovereign Specialty Chemicals, Inc.
710 Ohio Street
Buffalo, New York 14203

Dear Mr. Johnston:

IT Corporation forwards the enclosed report (2 copies) entitled: "Site Investigation Report, Pierce and Stevens Facility, Buffalo, New York". This report was prepared in accordance to the requirements described in paragraph II.B.3 of the Order of Consent between Sovereign Specialty Chemicals, Inc., and New York State Department of Environmental Conservation.

Please direct any questions to me at, (312) 499-3508.

Sincerely,
IT Corporation

Patricia M. Bryan
Client Program Manager

Enclosure

cc: Gregory Sutton, P.E. - NYSDEC (4 copies)
Maura Desmond - NYSDEC (1 copy)
Conway Ivy - Sherwin Williams (1 copy)
Gordon Kuntz - Sherwin Williams (1 copy)
Diane Hupp - Sherwin Williams (1 copy)

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Appendix	Title
A	Slug Test Results
B	Geoprobe Boring Logs
C	Laboratory Reports

1.0 Introduction

This report summarizes the results of the Site Investigation performed at the Pierce & Stevens facility, Buffalo, New York. This Site Investigation was performed as described in the Site Investigation Work Plan, prepared by IT Corporation in April 2000. This report is submitted on behalf of Pierce & Stevens Corporation ("Pierce & Stevens") in compliance with the Order of Consent #B9-0546-98-12 between Pierce & Stevens and New York State, Department of Environmental Conservation ("NYSDEC"), for an Interim Remedial Measure at the Buffalo facility.

2.0 Location

The Site as described in this report and the April, 2000 Site Investigation Work Plan dated March 2000 ("Work Plan") occupies the northern parcel of the Pierce & Stevens facility located at 710 Ohio Street in the City of Buffalo, New York. The Site consists of approximately 6.3 acres and is bounded on the south by an east-west line paralleling the northern wall of Building 29, on the north by Rigidized Metals Corp., on the east by railroad tracks, and on the west by Ohio Street (Figure 1).

3.0 Purpose

The purpose of the Site Investigation is to evaluate potential environmental impacts to soil and groundwater for that portion of the Site, which was not excavated during the aboveground storage tank removal/construction project described in the April 2000 Site Investigation Work Plan.

4.0 Scope of Work

The strategy employed for the Site Investigation at the Pierce & Stevens site is described in detail in the Work Plan. As described in the Work Plan, the Site is located on and surrounded by land that was occupied by heavy industry since the mid-19th century. Therefore, the strategy outlined in the Work Plan and described in this Scope of Work was designed to evaluate potential impacts resulting from processes and/or storage of materials associated with the operation of the Pierce & Stevens facility.

4.1. Groundwater Investigation

Five groundwater monitoring wells previously installed were re-sampled for Volatile Organic Compounds (VOC) in this investigation to determine if any changes in groundwater quality occurred subsequent to the most recent previous groundwater sampling, which took place in May 1999. The analytical results of the re-sampling are included in Table 1 along with the analytical results from the original sampling in May 1999.

Permeability testing (slug tests) were performed on the five existing monitoring wells as described in the Work Plan. The results of the slug tests are included in Appendix A.

Three additional groundwater monitoring wells were originally proposed in the Work Plan, to supplement the existing network of five. The proposed locations of these wells are illustrated on Figure 4 of the Work Plan. Two of the proposed wells were to be installed off-site to evaluate groundwater conditions beyond the Site's property boundary. Due to severe access restrictions, these wells were not installed. The third additional well was to be installed within the site, just to the east of the AST excavation area. This well was also not installed as it was deemed impractical to mobilize a drilling rig to install only one well. Furthermore, groundwater samples from this proposed location were easily substituted by the collection of groundwater samples from temporary geoprobe® well points described below.

No excuse!

4.2 Geoprobe® Investigation

Thirteen geoprobe® locations were proposed in the Work Plan to evaluate soil conditions associated with VOC "hot spots" previously identified in the AST excavation soil removal action. Additionally, it was proposed to collect groundwater samples from temporary well points from 8 of the 13 proposed geoprobe ® locations. Due to conditions encountered at the site, and the relatively high efficiency of the geoprobe® method, a total of 20 geoprobe® explorations were performed. A total of 18 groundwater samples were collected from temporary geoprobe® well points.

Should reiterate requirements of WP ex. how were PID samples analyzed & transformed.

5.0 Site Assessment

5.1 Site History/Site Topography

The ownership history, site topography, local and regional geology is summarized in the NYSDEC approved June 1999 Revised Removal Action Work Plan for the Tank Farm Footprint.

5.2. Geoprobe® Investigation Results

Twenty geoprobe® explorations were performed within the Site boundaries. Thirteen locations were originally proposed and approved in the Work Plan. Locations were selected based on proximity to VOC "hot spots" and the need to provide adequate areal coverage of the site. Figure 2 illustrates the final location of the geoprobe® explorations.

Geologic data extracted from the geoprobe® explorations indicates that the typical geologic profile across the site consists of 4 feet to 8 feet of fill (sand, gravel, organic material, and general refuse including crushed brick, glass, and ceramics) overlying dark gray to olive brown silty clay. Water was typically encountered at the clay/fill interface.

Needs to see all data not just those that fail criteria

Appendix C has lab reports

Table 2 summarizes the analytical results from the geoprobe® soil sampling. Only concentrations of contaminants exceeding NYSDEC Recommended Soil Cleanup Objectives as documented in the Technical and Administrative Guidance Memorandum ("TAGM") #4046 are listed. These concentrations are also graphically illustrated on Figure 3. Several compounds

exceed TAGM recommended soil cleanup objectives, however toluene is present in the highest concentrations.

In keeping with the approved Work Plan, sampling depth in the geoprobe® explorations was generally limited to no deeper than 5-feet into the clay unit underlying the site. This was to prevent the potential cross contamination of water bearing geologic units underlying the clay. The clay unit was generally encountered at a depth of approximately 6 to 8 feet below the surface. Therefore, sample depth intervals were commonly 0-4 feet, 4 feet to 8 feet, and in a few cases, 8 feet to 12 feet. Reviewing data from Table 2 indicates that the vertical distribution of VOC suggests a reduction in VOC concentration with depth.

There are also trends in the horizontal distribution of VOC. Concentrations of organic contamination appear to be located in three separate areas as shown on Figure 6. It appears that the originally identified "hot spots" described earlier and in the Work Plan were mitigated by the previous soil removal. The orientation and proposed action for these areas is discussed in the Conclusions/Recommendations section to follow.

5.3. Groundwater Investigation

Five existing groundwater monitoring wells, installed as part of the Groundwater Investigation of May 1999, were re-sampled. The analytical results of the sampling are summarized in Table 1, alongside the results of the May 1999 sampling event. As in the case of the soils, only those results exceeding the TAGM 4046 Groundwater Standards Criteria are listed.

Figure 4 graphically illustrates volatile organic contaminant concentrations in groundwater. The highest concentrations of VOC in groundwater were detected in MW-1. MW-1 revealed significant exceedences of TAGM limits for toluene, and to a lesser degree, chloroethane, methylene chloride, 1,1-Dichloroethane, and xylenes. MW-5 also revealed TAGM groundwater exceedences, but to a much lesser degree than MW-1. This is particularly true for toluene, which was orders of magnitude less in MW-5 compared with MW-1. MW-2 revealed very slight exceedences of 1,1,1-Trichloroethane and 1,1-Dichloroethane; MW-4 also displayed slight exceedences in May 1999 but none in July 2000. MW-3, located at the extreme western limit of the Site, adjacent to Ohio Street, had no TAGM exceedences in either May 1999 or July 2000.

Comparing May, 1999 data with July, 2000 data reveals a definite reduction in concentrations over this period of time. The possible exception to this is the high concentration of toluene observed in MW-1. However, it is possible that statistically the concentration in May 1999 (120,000 µg/l) is essentially the same as that in July 2000 (150,000 µg/l) given the extreme range of detection on laboratory equipment these concentrations represent.

Groundwater samples extracted from temporary well points in the geoprobe® explorations show a remarkably similar trend to the concentrations observed in the soil samples at these locations. As observed in the monitoring well data, toluene is present in the highest concentrations compared with all other compounds. This data is also summarized in Table 1 along with the monitoring well groundwater data.

In keeping with the approved Work Plan, hydraulic conductivity tests were performed on all five groundwater monitoring wells. Additionally, the static water table elevations were plotted and contoured to determine any changes in the trend of groundwater flow from May 1999 to July 2000. Figure 5 is a groundwater contour map illustrating the configuration of the water table at the site. This map indicates that the average horizontal groundwater flow direction is to the southwest, consistent with previous investigations. The only significant difference is the hydraulic gradient appears to be steeper in the July, 2000 data compared with the May or June, 1999 data.

The results of the hydraulic conductivity testing are included in Appendix A. Hydraulic conductivity measurements are summarized below.

Location	Hydraulic Conductivity (cm/sec)	Ft/d
MW-1	4.67E-03	13.2
MW-2	4.54E-03	12.8
MW-3	2.66E-04	0.75
MW-4	1.49E-03	4.2
MW-5	2.80E-03	8

With the exception of MW-3, the results of the hydraulic conductivity testing indicate that the hydraulic conductivity (k) are all within very close range of each other, approximately 10 ft/d. MW-3, located at the extreme west of the Site near Ohio Street, is an order of magnitude less with a calculated k of less than 1 ft/d. The range of hydraulic conductivities for the shallow perched groundwater at the Site are in the range normally found in tills through silty sands.

6.0 Conclusions/Discussions

The results of the Site Investigation reveal significant changes in the distribution trends of contaminants at the site.

The twenty-geoprobe® borings performed at the site were performed to evaluate the areal distribution of soil contaminants surrounding the "hotspots" previously identified, and evaluate Site wide conditions. A review of this data suggests that previously known "hotspots" have been largely removed through the removal action performed during the tank farm construction. The results of the geoprobe® investigation further indicates that the present horizontal distribution of organic contaminants (chiefly toluene) at the site are grouped into three general areas, called "A", "B", and "C". These areas are illustrated on Figure 6.

A further development from data collected in this investigation is the present configuration of the distribution of organic contaminants in groundwater. It is apparent from reviewing Tables 1 and 2 that the high concentrations of organic contaminants in groundwater correspond directly to the distribution of organic contaminants in soil; groundwater concentrations are typically less than TAGM numbers where soil contamination is absent or low. This is strongly suggestive that:

- Onsite soil contamination is the primary source of organic constituents in groundwater; offsite sources of groundwater are likely to be non-existent or negligible.
- This parallel of soil/groundwater contamination further suggests that "groundwater" at the site is indeed "perched" and non-potable. The localized high concentrations of soil contamination at the site directly influence the "groundwater" concentrations ***at each locality.*** This is further corroborated by the lack of contamination noted at MW-3, the most downgradient location. It is apparent from this well that organic contaminants are not migrating offsite, either in 1999 or the present data.
- The change in slope (hydraulic gradient) of the perched water layer observed between the May/June, 1999 data and the July, 2000 data is likely the direct response to the extraction of water from the open excavation during tank farm construction activities in the summer of 1999.

Furthermore, it can be concluded that the overall concentrations of groundwater contamination indicate a downward trend from 1999 to July 2000. This is consistent with the removal of a significant mass of the total site contamination during the tank farm construction/removal action in the summer, 1999. It also adds weight to the argument that an offsite source is not re-supplying contamination to the perched water layer.

7.0 Recommendations

The reduction in groundwater concentrations over time, the identification of three limited areas of soil contamination, the close association of "groundwater" contamination with soil contamination, and the evidence of no "groundwater" migration offsite all point to a site contamination issue of limited, if any, impact to offsite receptors. The geoprobe® investigation has effectively identified the horizontal extent of organic contamination at the Pierce & Stevens Site. Therefore, a solution to remove the source of contaminated soil at the Site would essentially eliminate any future potential for exposure of organic contaminants to workers or other receptors.

Three areas of soil contamination exceeding TAGM guidelines were identified and illustrated on Figure 6. Areas "A", "B", and "C" total to approximately 2800 yd^3 assuming that the average depth is 8 feet (the approximate average depth to the clay layer and perched water.). This volume of soil could be removed, either together or in stages, or either treated on site or disposed of offsite. The affected three areas are largely accessible and do not impinge on the new facilities.

Although offsite disposal is viable considering that was the solution for the tank farm construction project, onsite treatment may be a more attractive option considering that the project

is not as time critical compared to the tank replacement project. Onsite treatment options include, but are not limited to:

- Biologic treatment
- Chemical stabilization
- Venting

In May 1997, IT Corporation performed a bioassessment of the site to determine the suitability for application of bioremediation technologies, including land farming and bioventing. Results from this report indicate that soil conditions at the site are excellent for a bioremediation remedy, most likely a combination of land farming and bioventing.

IT does not recommend that a "groundwater" remedy be applied to the shallow water encountered in the fill material. As previously stated, the nature and extent of this water bearing unit indicates that the contamination is directly related to that in the soil. No reasonable benefit would be gained in applying a remedy such as a pump and treat system.

IT recommends the preparation of a focused feasibility study to evaluate the various options, costs, and suitability for the Pierce & Stevens Site.

TABLES

TABLE 1
Pierce & Stevens, Inc.
710 Ohio Street, Buffalo, New York
Groundwater Sampling Results
EPA Method 95 - 1 for Volatiles

Detected Volatile Analyte	Monitoring Well Data																											State GW Standards
	MW-1		MW-2		MW-3		MW-4		MW-5																			
	May-99	Jul-00	May-99	Jul-00	May-99	Jul-00	May-99	Jul-00	May-99	Jul-00	SI-1	SI-2	SI-4	SI-5	SI-6	SI-7	SI-8	SI-9	SI-10	SI-11	SI-12	SI-13	SI-14	SI-15	SI-16	SI-18	SI-19	SI-20	
Acetone										360									72000										50
Chloroform																													7
Benzene		200					1		36	17			25																0.7
1,1,1 - Trichloroethane		220	7	8 J										5,100															5
Bromomethane																													
Chloromethane																													
Chloroethane	2,900	1,100					6		1,500	1,200			650	4,800												140	56		50
Vinyl chloride											24																		2
Methylene chloride	600	100								16			7						970 J						8	13			5
Carbon Disulfide																													50
Bromoform																													
Bromodichloromethane																													
1,1-Dichloroethane	1,800	1,000	5	6 J							150	44		10,000				530 J	930 J							66	24		5
1,1-Dichloroethene																													5
1,2-Dichloropropane																													
2-Butanone										760									4,200										50
1,1,2-Trichloroethane																													
Trichloroethene							1				120	10														23	7 J		5
1,1,2,2-Tetrachloroethane																													5
Ethylbenzene									15									440 J											5
Styrene																													
cis-1,3-Dichloropropene																													
trans-1,3-Dichloropropene																													5
1,2-Dichloroethane																													50
4-Methyl-2-pentanone														50,000	42,000	210,000	570,000	430000 D	480000 D	490,000	1,800	21				22		1,400	5
Toluene	120,000	150,000					6		27	420																			5
Chlorobenzene																													5
Tetrachloroethene																													5
Total Xylenes	510	100							68				11					2200 J											
1,2-Dichloroethene(Total)																													5
Carbon Tetrachloride																													
2-Hexanone																													
TOTAL VOLATILES	~~3,600~~ 125,810		112	145	0	0	14	0	1696	2413																			

152,700

DL = Diluted sample
Only analytes with concentrations above laboratory detection limits presented.
Results in ug/L
Blank cell(s) indicate compound at or below method detection limit.
* TOGS - NYS DEC Technical and Operational Guidance Series (1.1.1.), Ambient Water Quality Standards and Guidance Values, Oct 1993.

TABLE 2
Pierce & Stevens, Inc.
710 Ohio Street, Buffalo, New York
Soil Sampling Results
EPA Method 95 - 1 for Volatiles

Detected Volatile Analyte	Soil Sample Identification																	TAGM 4046 Soil Objectives to Protect Grd. Wtr.	TAGM 4046 Rc. Soil Cleanup Objectives
	SI-4 (0-4')	SI-5 (0-4')	SI-5(4-8')	SI-6(0-4')	SI-6(4-8')	SI-7(0-4')	SI-7(4-8')	SI-8(0-4')	SI-8(4-8')	SI-9(0-4')	SI-9(4-8')	SI-10(0-4')	SI-10(4-8')	SI-11(4-8')	SI-11(8-12')	SI-12(10-14')	SI-17(0-4')	SI-17(4-8')	
Acetone	580			690 DJ	420 DJ						430 DJ		3000 J				1000 DJ		110	200
Chloroform																			300	300
Benzene				510 DJ	410 DJ		87												60	60
1,1,1-Trichloroethane		530 E						12000 J	31000 J								1200 DJ		760	800
Bromomethane																				
Chloromethane											2700 D								1900	1900
Chloroethane																			120	200
Vinyl chloride																	1200 DJ		100	100
Methylene chloride		3400 DJ					360 DJ												2700	2700
Carbon Disulfide																				
Bromoform																				
Bromodichloromethane																	3500 D		200	200
1,1-Dichloroethane		11000 DJ	16000 J																400	400
1,1 - Dichloroethene																				
1,2-Dichloropropane																	740 DJ		300	300
2-Butanone																				
1,1,2-Trichloroethane																			700	700
Trichloroethene																			600	600
1,1,2,2-Tetrachloroethane																	10000 D		5500	5500
Ethylbenzene		310 E						14000 J			4100 D									
Styrene																				
cis-1,3-Dichloropropene																				
trans-1,3-Dichloropropene																			100	100
1,2-Dichloroethane																	3000 D		1000	1000
4-Methyl-2-pentanone																	21000 D		1500	1500
Toluene		160000 D	630000	95000 D	19000 D	11000000 D	35000 D	6000000 D	10000000 D	340000 D	400000 D	10000000 D	2900000 D	8000000 D	18000 D				1700	1700
Chlorobenzene																			1400	1400
Tetrachloroethene														19000 J			66000 D	2200 D	1200	1200
Total Xylenes		2600 DJ	16000 J	15000 D	7600 D		16000 D	79000 J	99000 J	8400 D	22000 D						370 DJ			
1,2-Dichloroethene(Total)																			600	600
Carbon Tetrachloride																				
2-Hexanone																				<10,000
TOTAL VOLATILES	580	0	0	0	0	0														

Only analytes with concentrations above laboratory detection limits presented.
Results in ug/kg (ppb).
* New York State Dept. of Environmental Conservation, Div. of Hazardous Waste, Technical & Admininstrative Guidance Memo 4046, revised April 1995
Per TAGM 4046, Total VOCs <10 ppm, Total Semi-VOCs <500 ppm, and Individual Semi-VOCs <50 ppm.

FIGURES

DRAWING NUMBER 768912-B8

	APPROVED BY	CHECKED BY	DRAWN BY
OFFICE			R. Weible
Pittsburgh, PA			9 MAR 00

MW-4

MW-5

MW-3

MW-2

MW-1

LIMITS OF EXCAVATON
PHASE 2

LIMITS OF EXCAVATON
PHASE 1

PHASE 1
HOT SPOT

SITE LIMITS

LIMITS OF EXCAVATON
PHASE 3

PHASE 3
HOT SPOT

CHAIN LINK FENCE

EDGE OF ASPHALT

STONE BERM

TOP OF SLOPE

TOE OF SLOPE

CENTER OF DITCH

OHIO STREET

CONCRETE RAILWAY

STONE

FRAME ADDITION

FRAME ADDITION

CONCRETE

ASPHALT

1 STORY BRICK BUILDING

OVERHEAD PIPING

ASPHALT

ASPHALT

2 STORY METAL FRAME BUILDING

ASPHALT

CONRAIL

LEGEND:

PROPERTY LINE

SITE LIMITS

MW-2 MONITORING WELL LOCATION

SCALE

0 40 80 FEET

REFERENCE:

DEBORAH A. NAYBOR PLS, PC. DRAWING TITLED:
"TOPOGRAPHIC SURVEY", DATED: 8/17/95, SCALE: 1"=20'.

IT CORPORATION

SOVEREIGN SPECIALTY
CHEMICALS. INC.
BUFFALO, NEW YORK

FIGURE 1

BASE MAP
PIERCE & STEVENS FACILITY
710 OHIO STREET
BUFFALO, NEW YORK

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Format Revised: 12/15/99 Xref: X-BASE

DRAWING NUMBER 768912-B25

APPROVED BY

CHECKED BY

DRAWN BY R. Weible 18 Jan. 01

OFFICE Pittsburgh, PA

OHIO STREET

APPROXIMATE EDGE OF CLEARED AREA

DENSE FOLIAGE

CHAIN LINK FENCE

STONE BERM

CENTERLINE OF DITCH

TOP OF SLOPE

TOE OF SLOPE

CENTER OF DITCH

CONCRETE

EDGE OF ASPHALT

STONE BERM

SI-1 SI-2 SI-3 SI-4 SI-5 SI-6 SI-7 SI-8 SI-9 SI-10 SI-11 SI-12 SI-13 SI-14 SI-15 SI-16 SI-17 SI-18 SI-19 SI-20

LIMITS OF EXCAVATON PHASE 2

LIMITS OF EXCAVATON PHASE 1

PHASE 1 HOT SPOT

SITE LIMITS

STONE

CONCRETE WALKWAY

FRAME ADDITION

FRAME ADDITION

1 STORY BRICK BUILDING

ASPHALT

OVERHEAD PIPING

ASPHALT

2 STORY METAL FRAME BUILDING

ASPHALT

LIMITS OF EXCAVATON PHASE 3

PHASE 3 HOT SPOT

SCALE

0 40 80 FEET

LEGEND:

PROPERTY LINE

SITE LIMITS

SI-1 GEOPROBE LOCATIONS

NOTES:

1. CONCENTRATIONS SHOWN ARE FOR COMPOUNDS EXCEEDING TAGM STANDARDS.
2. ANALYTICAL RESULTS ARE SHOWN IN µg/kg.

REFERENCE:

DEBORAH A. NAYBOR PLS, PC. DRAWING TITLED: "TOPOGRAPHIC SURVEY", DATED: 8/17/95, SCALE: 1"=20'.

IT CORPORATION

SOVEREIGN SPECIALTY CHEMICALS. INC.
BUFFALO, NEW YORK

FIGURE 2

SITE INVESTIGATION
GEOPROBE SAMPLE LOCATIONS
PIERCE & STEVENS FACILITY
710 OHIO STREET
BUFFALO, NEW YORK

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Plot Date/Time: 01/29/01 10:50am Image: .
Format Revised: 12/15/99 Xref: X-BASE

SI-7	0-4'	4'-8'
BENZENE	–	87
METHYLENE CHLORIDE	–	360 DJ
TOLUENE	8,700,000 D	35,000 D
XYLENES	–	16,000 D

SI-6	0-4'	4'-8'
ACETONE	690 DJ	420 DJ
BENZENE	510 DJ	410 DJ
ETHYLBENZENE	3,400 D	–
TOLUENE	95,000 D	19,000 D
XYLENES	1,100	7,600 D

SI-5	0-4'	4'-8'
ETHYLBENZENE	310 E	–
METHYLENE CHLORIDE	3,400 D	–
TOLUENE	160,000 D	630,000
XYLENES	2,600 D	16,000 J
1,1-DICHLOROETHANE	11,000 DJ	16,000 J
1,1,1-TRICHLOROETHANE	530 E	–

SI-8	0-4'	4'-8'
ETHYLBENZENE	14,000 J	–
TOLUENE	6,000,000 D	10,000,000 D
XYLENES	79,000 J	99,000 J
1,1,1-TRICHLOROETHANE	12,000 J	31,000 J

SI-9	0-4'	4'-8'
ACETONE	–	120
CHLOROETHANE	–	2,700 D
ETHYLBENZENE	–	4,100 D
TOLUENE	340,000 D	400,000 D
XYLENES	8,400 D	22,000 D

SI-4	0-4'
ACETONE	580 D

SI-10	0-4'	4'-8'
TOLUENE	10,000,000 D	2,900,000 D

SI-11	4'-8'	8'-12'
TOLUENE	8,000,000 D	18,000 D
XYLENES	19,000 J	–

SI-17	0-4'	4'-8'
ACETONE	1,000 DJ	–
ETHYLBENZENE	10,000 D	–
METHYLENE CHLORIDE	1,200 DJ	–
TOLUENE	21,000 D	–
XYLENES	66,000 D	2,200 D
1,1-DICHLOROETHANE	3,500 D	–
1,1,1-TRICHLOROETHANE	1,200 DJ	–
4-METHY 1-2-PENTANON	3,000 D	–

APPROXIMATE EDGE OF CLEARED AREA

DENSE FOLIAGE

LIMITS OF EXCAVATON PHASE 2

LIMITS OF EXCAVATON PHASE 1

LIMITS OF EXCAVATON PHASE 3

PHASE 1 HOT SPOT

PHASE 3 HOT SPOT

SITE LIMITS

MW-1 MW-2 MW-3 MW-4 MW-5

SI-1 SI-2 SI-3 SI-4 SI-5 SI-6 SI-7 SI-8 SI-9 SI-10 SI-11 SI-12 SI-13 SI-14 SI-15 SI-16 SI-17 SI-18 SI-19 SI-20

STONE BERM

CHAIN LINK FENCE

CENTERLINE OF DITCH

TOP OF SLOPE

TOE OF SLOPE

STONE

CONCRETE

ASPHALT

FRAME ADDITION

1 STORY BRICK BUILDING

2 STORY METAL FRAME BUILDING

OVERHEAD PIPING

CONCRETE & ASPHALT

LEGEND:

- PROPERTY LINE
- SITE LIMITS
- MW-1 MONITORING WELL LOCATION
- SI-1 GEOPROBE LOCATIONS
- D IDENTIFIES ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT A SECONDARY DILUTION FACTOR
- E IDENTIFIES COMPOUNDS WHOSE CONCENTRATIONS EXCEED THE CALIBRATION RANGE OF THE GC/MS INSTRUMENT FOR THAT SPECIFIC ANALYSIS
- J INDICATES AS ESTIMATED VALUE

SCALE

0 40 80 FEET

NOTES:

1. CONCENTRATIONS SHOWN ARE FOR COMPOUNDS EXCEEDING TAGM STANDARDS.
2. ANALYTICAL RESULTS ARE SHOWN IN µg/kg.

REFERENCE:

DEBORAH A. NAYBOR PLS, PC. DRAWING TITLED: "TOPOGRAPHIC SURVEY". DATED: 8/17/95. SCALE: 1"=20'..

IT CORPORATION

SOVEREIGN SPECIALTY CHEMICALS. INC.
BUFFALO, NEW YORK

FIGURE 3

SITE INVESTIGATION
VOLATILE ORGANIC COMPOUNDS IN SOIL
PIERCE & STEVENS FACILITY
710 OHIO STREET
BUFFALO, NEW YORK

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SI-5	
CHLOROETHANE	4,800
TOLUENE	50,000
1,1-DICHLOROETHANE	10,000
1,1,1-TRICHLOROETHANE	5,100

SI-6	
TOLUENE	42,000

SI-7	
TOLUENE	210,000

SI-8	
TOLUENE	570,000

SI-10	
ACETONE	72,000
METHYLENE CHLORIDE	970 J
TOLUENE	480,000 D
1,1-DICHLOROETHANE	930 J
2-BUTANONE	4,200

SI-9	
ETHYLBENZENE	440 J
TOLUENE	430,000 D
XYLENES	2,200 J
1,1-DICHLOROETHANE	530 J

SI-11	
TOLUENE	490,000

SI-12	
TOLUENE	1,800

SI-20	
TOLUENE	1,400

MW-5	
ACETONE	360
BENZENE	17
CHLOROETHANE	1,200
METHYLENE CHOLRIDE	16
TOLUENE	420
2-BUTANONE	760

MW-2	
1,1-DICHLOROETHANE	6 J
1,1,1-TRICHLOROETHANE	8 J

SI-4	
BENZENE	25
CHLOROETHANE	650
METHYLENE CHLORIDE	7
XYLENES	11

SI-18	
CHLOROETHENE	140
METHYLENE CHLORIDE	13
TOLUENE	22
TRICHLOROETHENE	23
1,1-DICHLOROETHANE	66

SI-19	
CHLOROETHANE	56
TRICHLOROETHENE	7 J
1,1-DICHLOROETHANE	24

SI-2	
TRICHLOROETHENE	10
1,1-DICHLOROETHANE	44

MW-1	
BENZENE	200
CHLOROETHANE	1,100
METHYLENE CHOLRIDE	100
TOLUENE	29,000
XYLENES	100
1,1 DICHLOROETHANE	1,000
1,1,1-TRICHLOROETHANE	220

SI-1	
TRICHLOROETHENE	120
VINYL CHLORIDE	24
1,1-DICHLOROETHANE	150

SI-16	
METHYLENE CHLORIDE	8

SI-13	
TOLUENE	21

APPROXIMATE EDGE OF CLEARED AREA

DENSE FOLIAGE

LIMITS OF EXCAVATON PHASE 2

LIMITS OF EXCAVATON PHASE 1

LIMITS OF EXCAVATON PHASE 3

PHASE 1 HOT SPOT

PHASE 3 HOT SPOT

SITE LIMITS

MW-1 MW-2 MW-3 MW-4 MW-5

SI-1 SI-2 SI-3 SI-4 SI-5 SI-6 SI-7 SI-8 SI-9 SI-10 SI-11 SI-12 SI-13 SI-14 SI-15 SI-16 SI-17 SI-18 SI-19 SI-20

CHAIN LINK FENCE · STONE BERM · CENTERLINE OF DITCH · TOP OF SLOPE · TOE OF SLOPE · CENTER OF DITCH · EDGE OF ASPHALT · STONE BERM · CONCRETE WALKWAY · STONE · CONCRETE · ASPHALT · OVERHEAD PIPING · FRAME ADDITION · FRAME ADDITION · 1 STORY BRICK BUILDING · 2 STORY METAL FRAME BUILDING · ASPHALT · ASPHALT · ASPHALT · OHIO STREET

LEGEND:

- PROPERTY LINE
- SITE LIMITS
- MW-1 — MONITORING WELL LOCATION
- SI-1 — GEOPROBE LOCATIONS
- D — IDENTIFIES ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT A SECONDARY DILUTION FACTOR
- J — INDICATES AS ESTIMATED VALUE

SCALE

0 40 80 FEET

NOTES:

1. CONCENTRATIONS SHOWN ARE FOR COMPOUNDS EXCEEDING TAGM STANDARDS.
2. ANALYTICAL RESULTS ARE SHOWN IN µg/L.

REFERENCE:

DEBORAH A. NAYBOR PLS, PC. DRAWING TITLED: "TOPOGRAPHIC SURVEY", DATED: 8/17/95, SCALE: 1"=20'.

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BUFFALO, NEW YORK

FIGURE 4
SITE INVESTIGATION
VOLATILE ORGANIC COMPOUNDS
IN GROUNDWATER
PIERCE & STEVENS FACILITY
710 OHIO STREET
BUFFALO, NEW YORK

DRAWING NUMBER 768912-B23

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			11 Jan 01
OFFICE			R. Weible
Pittsburgh, PA			

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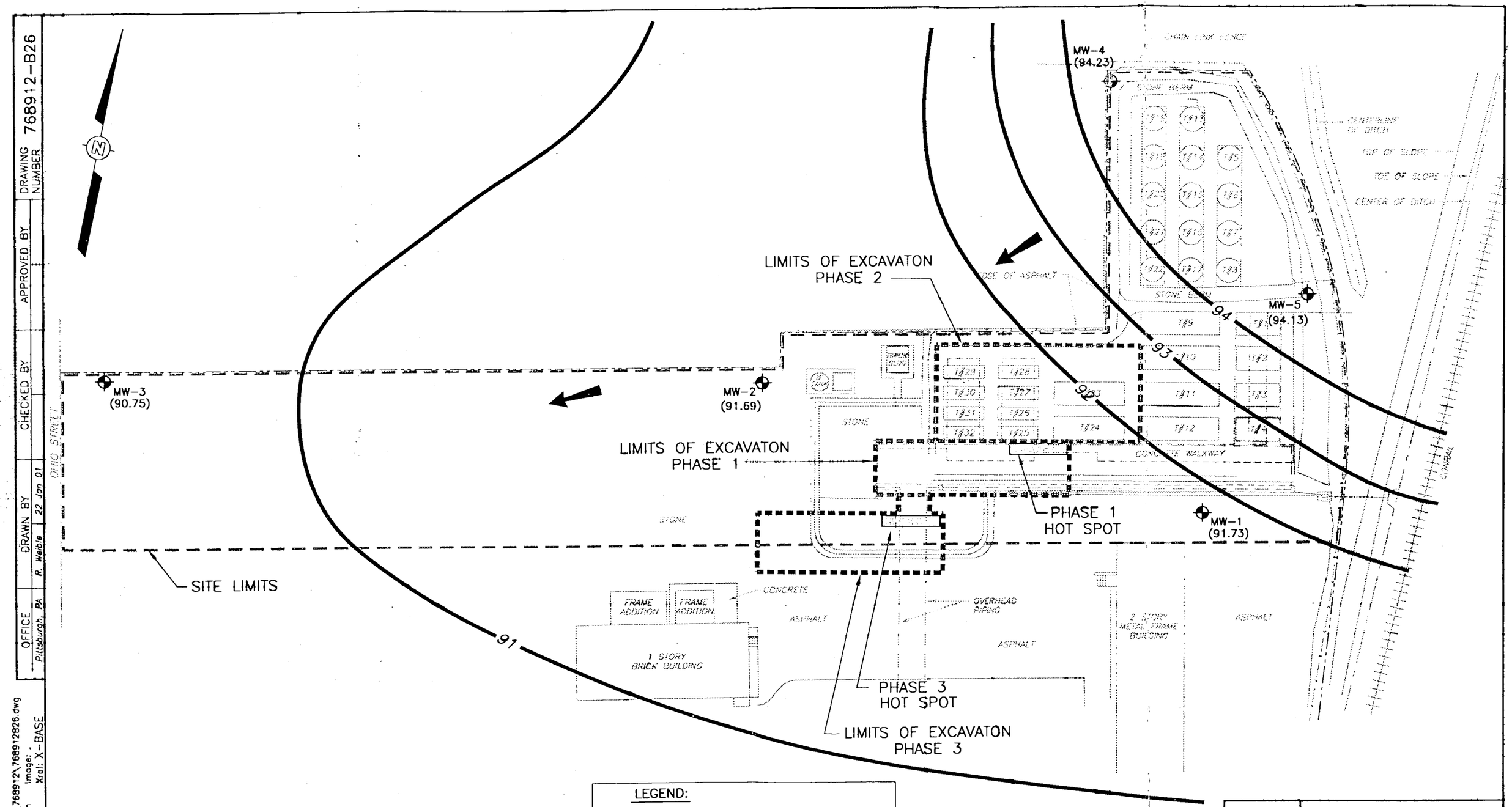

LEGEND:

- PROPERTY LINE
- SITE LIMITS
- MW-2 — MONITORING WELL LOCATION
- (91.69) — GROUNDWATER ELEVATION
- 91 — GROUNDWATER CONTOUR (1' INTERVAL)
- APPARENT GROUNDWATER FLOW DIRECTION

SCALE
0 40 80 FEET

REFERENCE:

DEBORAH A. NAYBOR PLS, PC. DRAWING TITLED: "TOPOGRAPHIC SURVEY", DATED: 8/17/95, SCALE: 1"=20'.

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BUFFALO, NEW YORK

FIGURE 5
GROUNDWATER CONTOUR MAP
JULY 18, 2000
PIERCE & STEVENS FACILITY
710 OHIO STREET
BUFFALO, NEW YORK

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PRS mtg 4/23/01 DEC office
Site Investigation Report

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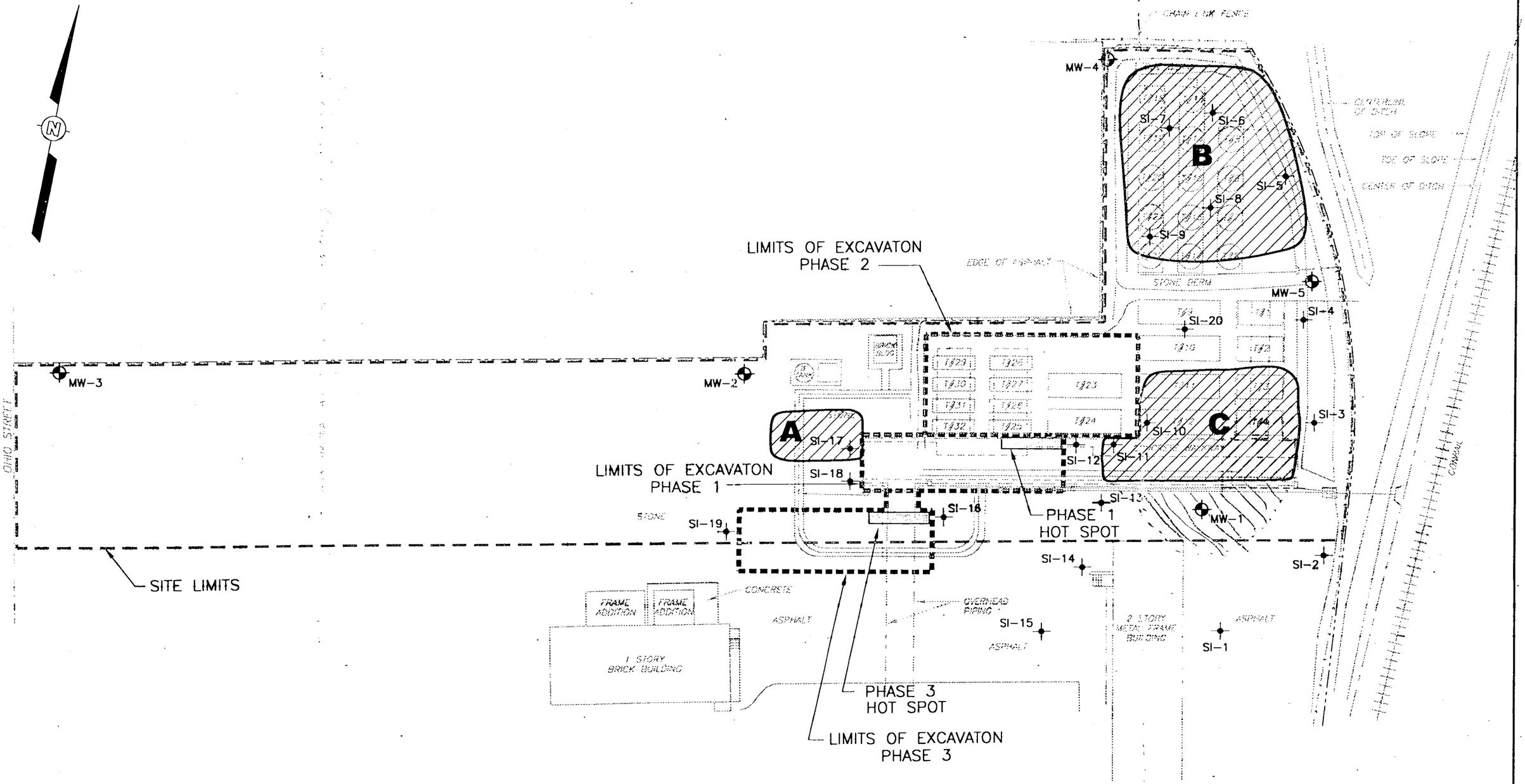
Kevin Johnston	Sovereign	(716) 856-4210
Maura Desmond	NYSDEC	716 851-7050
MARTIN DOSTER	NYSDEC	(716) 851-7220



LEGEND:

- PROPERTY LINE
- SITE LIMITS
- SI-1 GEOPROBE LOCATIONS
- MW-2 MONITORING WELL LOCATION
- AREA OF CONTAMINATION

SCALE

0 40 80 FEET

REFERENCE:

DEBORAH A. NAYBOR PLS, PC. DRAWING TITLED: "TOPOGRAPHIC SURVEY", DATED: 8/17/95, SCALE: 1"=20'.

IT CORPORATION

SOVEREIGN SPECIALTY CHEMICALS. INC.
BUFFALO, NEW YORK

FIGURE 6

AREAS OF CONTAMINATION
PIERCE & STEVENS FACILITY
710 OHIO STREET
BUFFALO, NEW YORK

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	22 Jan 01			

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Format Revised: 12/15/99 Xref: X-BASE

APPENDICES

SITE INVESTIGATION REPORT
PIERCE AND STEVENS FACILITY
BUFFALO, NEW YORK

PREPARED FOR:

SOVEREIGN SPECIALTY CHEMICALS, INC.
710 Ohio Street
Buffalo, New York 14203

PREPARED BY:

IT CORPORATION

300 W. Washington Boulevard, Suite 900
Chicago, Illinois 60606

IT CORPORATION
A Member of The IT Group

January 2001

Project Number 768912

VOLUME II

APPENDIX A

Slug Test Results

1 INTRODUCTION

On July 17 through 19, 2000, IT Corporation personnel were on site to implement the Site Investigation Work Plan (May 2000). Field activities included, but were not limited to, borehole advancement utilizing direct push technology (i.e., Geoprobe), subsurface soil sample collection and groundwater sample collection and hydraulic conductivity assessment of existing on-site monitoring wells (MW-1, MW-2, MW-3, MW-4 and MW-5).

1.1 Geoprobe Activities

To be completed.

1.2 Groundwater Sample Collection

On July 18, 2000, groundwater samples were collected and analyzed for NYSDEC ASP 95-1 Volatile Organic Compounds (VOCs) from each of the five on-site monitoring wells (MW-1, MW-2, MW-3, MW-4 and MW-5). Each monitoring well was initially sounded to determine depth to water and total well depth with an electric water level indicator. Approximately three well volumes were evacuated utilizing a disposable polyethylene bailer. Field measurements (i.e., pH, specific conductance, temperature and visual observation) were collected following retrieval of the initial bailer and each subsequent well volume and recorded in the Project Field Book. Purge water was containerized in DOT-approved 55-gallon drums staged adjacent to the northeast corner of the plant building. All field measurements (e.g., depth to water, total depth, pH, temperature etc.) are summarized in Table 1.

Upon completion of evacuation activities, groundwater samples were collected and placed in laboratory provided, pre-preserved 40-ml glass vials. Groundwater samples were cooled to 4 degree Celsius and transported under chain-of-custody to Severn Trent Laboratories, Inc. (STL) located in Amherst, New York.

1.3 Hydraulic Conductivity Assessment

On July 18, 2000, hydraulic conductivity assessment (e.g., slug test) of the five on-site monitoring wells was conducted in accordance with the Bouwer and Rice (June 1976) slug test method. Data collection for two of the five monitoring wells (MW-1 and MW-2) was collected utilizing a Troll® pressure transducer. However, due to an insufficient water column thickness to accommodate the transducer and slug, data collection for the remaining three monitoring wells (MW-3, MW-4 and MW-5) was manually collected utilizing a stopwatch and electric water level indicator. All manual data collected was recorded in the Project Field Book and electronic data extracted from the pressure transducer was saved to a disk.

The Bouwer and Rice (June 1976) slug test method allows the calculation of the hydraulic conductivity of an aquifer near a well from the rate of rise of the water level in the well after a certain volume of water or a slug of known volume is suddenly removed. The calculation is based on the Theim equation of steady state flow to a well. The technique is applicable to completely or partially penetrating wells in unconfined aquifers. It can also be used for confined aquifers that receive water from the upper confining layer (e.g., leaky confined aquifers).

Prior to data collection, the transducer and slug, or only the slug (depending on thickness of water column), was lowered below the static water level within the well. Sufficient time elapsed (approximately 5 to 10 minutes) to allow the water level within each monitoring well to return to static conditions. Once static conditions were confirmed (i.e., sounded with electric water level indicator), the slug was pulled and recovery water level data was collected and recorded. To ensure data accuracy for the manually slug tested wells, a second slug test was performed on each well. Collected and recorded data for duplicate slug tests were compared and assessed for reproducibility.

Following slug test data collection activities, rising water level data was plotted on a logarithmic scale against time for each well and is presented in Figures 1 through 5. To ensure validity of field measurements, each plot was confirmed to form a straight line or a semi-curved line such that a best-fitting line could be interpolated. To determine the hydraulic conductivity of each well, all variables associated with the following equation were defined.

$$K = [r_c^2 \ln(R_e/R)/2L_e] \times [1/t] \times [\ln(H_t/H_0)]$$

Where

K is hydraulic conductivity (L/T; cm/sec)

r_c is the radius of the well casing (L; cm)

R is the radius of the sand pack (L; cm)

R_e is the effective radial distance over which head is dissipated (L; cm)

L_e is the screen length (L; cm)

H_0 is the drawdown at time t = 0 (L; cm)

H_t is the drawdown at time t = t (L; cm)

t is the time since $H = H_0$

All field measured parameters (i.e., water levels and time) and monitoring well data were converted to centimeters or seconds, where appropriate. Calculations and graphed data are presented in Figures 1 though 5. In addition, hydraulic conductivity results are included on the figures and are summarized in Table 2.

TABLE 1

PIERCE AND STEVENS, INC.
BUFFALO, NEW YORK

SUMMARY OF WELL DATA

Well ID	TOC Elevation [1] (fmsl)	Total Depth (fbTOR)	Screen Interval (fbTOR)	Date of Measurement	DTW [2] (fbTOR)	Water Elevation [1] (fmsl)
MW-01	95.71	10.51	3.01 - 10.51	07/18/00	3.98	91.73
MW-02	96.22	9.70	2.20 - 9.70	07/18/00	4.53	91.69
MW-03	95.36	9.40	1.90 - 9.40	07/18/00	4.61	90.75
MW-04	99.48	11.58	1.58 - 9.08	07/18/00	5.25	94.23
MW-05	100.20	11.42	1.42 - 8.92	07/18/00	6.07	94.13

Notes:

(1) Elevation measured in feet; distance above mean sea level.

(2) Depth to water measured in feet; distance below top of casing.

Acronyms:

DTW = Depth to water.

fbTOR = feet below top of riser

fmsl = feet mean sea level

TOR Elevation = Elevation at the top of the PVC well riser.

TABLE 1
OBSERVATION WELL GAUGING RESULTS
PIERCE AND STEVENS, INC.
BUFFALO, NEW YORK

Well ID	TOC Elevation (feet)	Date Gauged	DTW (fbTOC)	Water Elevation (fmsl)
MW-01	95.71	05/11/99	4.33	91.38
	95.71	05/11/99	4.27	91.44
	95.71	05/12/99	4.25	91.46
	95.71	05/13/99	4.27	91.44
	95.71	05/20/99	4.32	91.39
	95.71	05/26/99	4.30	91.41
	95.71	06/14/99	4.42	91.29
	95.71	06/26/99	4.59	91.12
MW-02	96.22	05/11/99	4.94	91.28
	96.22	05/12/99	4.93	91.29
	96.22	05/13/99	4.95	91.27
	96.22	05/20/99	5.03	91.19
	96.22	05/26/99	4.96	91.26
	96.22	06/14/99	5.10	91.12
	96.22	06/26/99	5.23	90.99
MW-03	95.36	05/11/99	4.27	91.09
	95.36	05/12/99	4.20	91.16
	95.36	05/13/99	4.29	91.07
	95.36	05/20/99	4.47	90.89
	95.36	05/26/99	4.46	90.90
	95.36	06/14/99	4.12	91.24
	95.36	06/26/99	4.71	90.65
MW-04	99.48	05/13/99	7.98	91.50
	99.48	05/20/99	8.09	91.39
	99.48	05/26/99	8.15	91.33
	99.48	06/14/99	8.32	91.16
	99.48	06/26/99	8.28	91.20
MW-05	100.20	05/11/99	8.80	91.40
	100.20	05/13/99	8.79	91.41
	100.20	05/20/99	8.90	91.30
	100.20	05/26/99	8.94	91.26
	100.20	06/14/99	9.14	91.06
	100.20	06/26/99	9.30	90.90

Notes: TOC Elevation = Elevation at the top of the PVC well casing.
DTW = Depth to water.
DTP = Depth to Non-Aqueous Phase Liquid (NAPL).
Product Thickness = NAPL thickness.
Product Specific Gravity = Estimated specific gravity of NAPL.
Corrected DTW = Depth to water corrected for NAPL/water density difference.
Corrected Water Elevation = Elevation of the water table using the corrected depth to water.

FIGURE 1

BOUWER AND RICE
SLUG TEST ANALYSIS

MW-1

Pierce/Stevens Chemical: Subsiderary of Sovereign Chemical

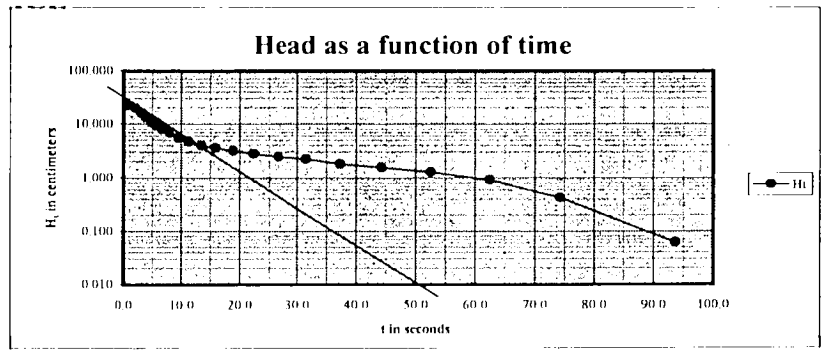
= green indicates numbers to insert for analysis of Bouwer and Rice
= yellow indicates value will be automatically calculated

				Conversion	
Static Water Level (fbgs)	W.L =	3.98	feet	121.31	cm
Well casing radius	r_c =	1	inch	0.21	cm
Sand Pack Radius	R =	4	inches	0.85	cm
Screen Length	L_e =	7.5	feet	228.60	cm
Water table to impermeable layer	h =	3.52	feet	107.29	cm
Water table to bottom of well	L_w =	3.52	feet	107.29	cm
Time	t =	3	min	180	seconds

L_w must equal h

L_e/R =	270.00
from Figure 7.25, p. 253, Fetter → C =	8.5
ln (L_w/R) =	4.84
ln Re/R =	3.87
$r_c^2 \ln(R_e/R)$ =	19.80
$2L_e$ =	457.20

seconds t	cm H_t
0.6	21.854
2.1	19.416
3.0	15.819
3.9	13.076
4.8	10.820
5.7	9.144
6.7	7.955
8.0	6.828
9.5	5.486
11.2	4.724
13.4	3.993
15.9	3.597
18.9	3.170
22.4	2.804
26.7	2.469
31.5	2.256
37.3	1.829
44.3	1.554
52.6	1.280
62.5	0.914
74.3	0.427
93.7	0.061



1. Draw straight line through early data
2. From chart, line crosses x-axis at approx → 50 seconds
3. Choose two points on chart from straight line and insert below

H_1 =	1.4	cm
t_1 =	10	seconds
H_2 =	0.055	cm
t_2 =	40	seconds

$(1/t)\ln(H_t/H_o)$ =	0.108
$r_c^2 \ln(R_e/R)$ =	19.80
$2L_e$ =	457.20

HYDRAULIC CONDUCTIVITY (K):

FIGURE 2

BOUWER AND RICE
SLUG TEST ANALYSIS

MW-2

Pierce/Stevens Chemical: Subsiderary of Sovereign Chemical

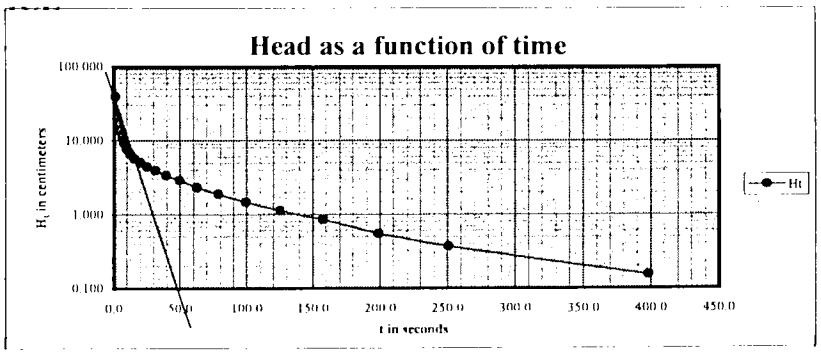
[ ] = green indicates numbers to insert for analysis of Bouwer and Rice
[ ] = yellow indicates value will be automatically calculated

				Conversion	
Static Water Level (fbgs)	W.L =	4.53	feet	138.07	cm
Well casing radius	r_c =	1	inch	0.21	cm
Sand Pack Radius	R =	4	inches	0.85	cm
Screen Length	L_e =	7.5	feet	228.60	cm
Water table to impermeable layer	h =	2.97	feet	90.53	cm
Water table to bottom of well	L_w =	2.97	feet	90.53	cm
Time	t =	6.7	min	404	seconds

L_w must equal h

L_e/R =	270.00
from Figure 7.25, p 253 Fetter → C =	8.5
ln (L_w/R) =	4.67
ln Re/R =	3.75
$r_c^2 \ln(R_e/R)$ =	19.19
$2L_e$ =	457.20

seconds t	cm H_t
1.5	39.106
2.7	21.641
3.9	16.886
5.1	13.442
6.3	11.034
8.0	9.205
10.0	7.650
12.6	6.553
15.9	5.639
20.0	5.060
25.2	4.420
31.5	3.932
39.5	3.383
49.7	2.896
62.5	2.316
78.7	1.890
99.3	1.463
125.1	1.128
157.8	0.855
199.0	0.549
250.9	0.366
398.4	0.152



1. Draw straight line through early data
2. From chart, line crosses x-axis at approx → 50 seconds
3. Choose two points on chart from straight line and insert below

H_1 =	10.3	cm
t_1 =	10	seconds
H_2 =	0.4	cm
t_2 =	40	seconds

$(1/t)\ln(H_1/H_0)$ =	0.108
$r_c^2 \ln(R_e/R)$ =	19.19
$2L_e$ =	457.20

HYDRAULIC CONDUCTIVITY (K):

FIGURE 3

BOUWER AND RICE
SLUG TEST ANALYSIS

MW-3

Pierce/Stevens Chemical: Subsiderary of Sovereign Chemical

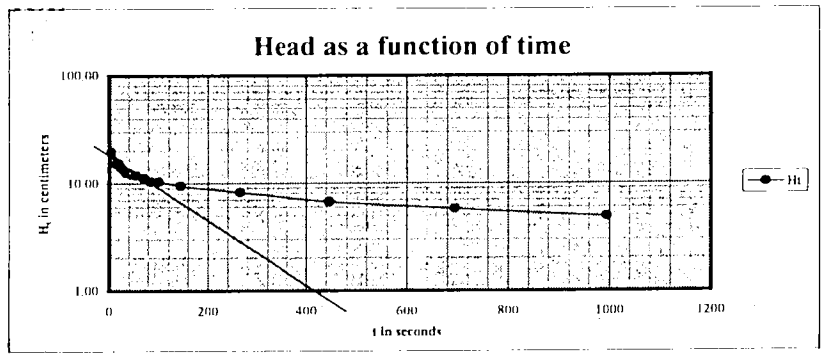
= green indicates numbers to insert for analysis of Bouwer and Rice
= yellow indicates value will be automatically calculated

				Conversion	
Static Water Level	W.L =	4.61	feet	140.51	cm
Well casing radius	r_c =	.1	inch	0.21	cm
Sand Pack Radius	R =	.4	inches	0.85	cm
Screen Length	L_e =	7.5	feet	228.60	cm
Water table to impermeable layer	h =	2.89	feet	88.09	cm
Water table to bottom of well	L_w =	2.89	feet	88.09	cm
Time	t =	37	min	.2195	seconds

L_w must equal h

L_e/R =	270.00
from Figure 7.25, p. 253, Fetter → C =	8.5
ln (L_w/R) =	4.64
ln Re/R =	3.73
$r_c^2 \ln(R_e/R)$ =	19.09
$2L_e$ =	457.20

seconds t	cm H_t
0	19.51
10	16.15
15	15.24
20	15.24
25	14.02
30	13.41
35	12.50
40	12.50
45	12.19
55	11.89
70	11.28
85	10.36
100	10.36
145	9.45
265	8.23
445	6.71
695	5.79
995	4.88



1. Draw straight line through early data
2. From chart, line crosses x-axis at approx → 410 seconds
3. Choose two points on chart from straight line and insert below

H_1 =	10.5	cm
t_1 =	40	seconds
H_2 =	1.06	cm
t_2 =	400	seconds

$(1/t)\ln(H_t/H_o)$ =	0.006
$r_c^2 \ln(R_e/R)$ =	19.09
$2L_e$ =	457.20

HYDRAULIC CONDUCTIVITY (K):

FIGURE 4

BOUWER AND RICE
SLUG TEST ANALYSIS

MW-4

Pierce/Stevens Chemical: Subsiderary of Sovereign Chemical

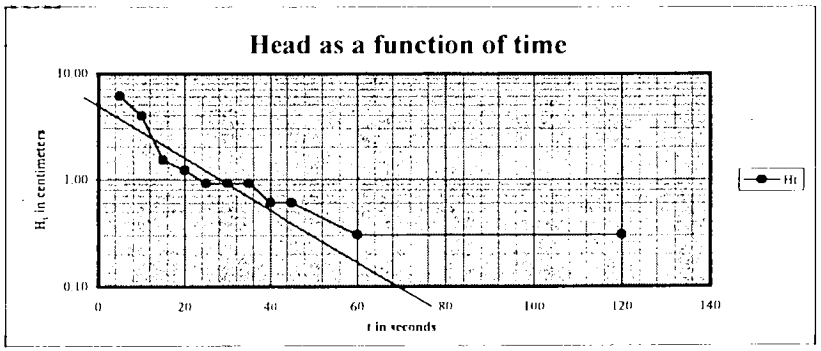
= green indicates numbers to insert for analysis of Bouwer and Rice
= yellow indicates value will be automatically calculated

				Conversion	
Static Water Level	W.L =	5.25	feet	160.02	cm
Well casing radius	r_c =	1	inch	0.21	cm
Sand Pack Radius	R =	4	inches	0.85	cm
Screen Length	L_e =	7.5	feet	228.60	cm
Water table to impermeable layer	h =	2.25	feet	68.58	cm
Water table to bottom of well	L_w =	2.25	feet	68.58	cm
Time	t =	2	min	120	seconds

L_w must equal h

L_e/R =	270.00
from Figure 7.25, p. 253, Fetter → C =	8.5
ln (L_w/R) =	4.39
ln Re/R =	3.55
$r_c^2 \ln(R_e/R)$ =	18.17
$2L_e$ =	457.20

seconds t	cm H_t
5	6.10
10	3.96
15	1.52
20	1.22
25	0.91
30	0.91
35	0.91
40	0.61
45	0.61
60	0.30
120	0.30



1 Draw straight line through early data
2 From chart, line crosses x-axis at approx. → 76 seconds
3 Choose two points on chart from straight line and insert below

H_1 =	1.08	cm
t_1 =	20	seconds
H_2 =	0.24	cm
t_2 =	60	seconds

$(1/t)\ln(H_t/H_0)$ =	0.038
$r_c^2 \ln(R_e/R)$ =	18.17
$2L_e$ =	457.20

HYDRAULIC CONDUCTIVITY (K): [redacted]

FIGURE 5

BOUWER AND RICE
SLUG TEST ANALYSIS

MW-5

Pierce/Stevens Chemical: Subsiderary of Sovereign Chemical

= green indicates numbers to insert for analysis of Bouwer and Rice

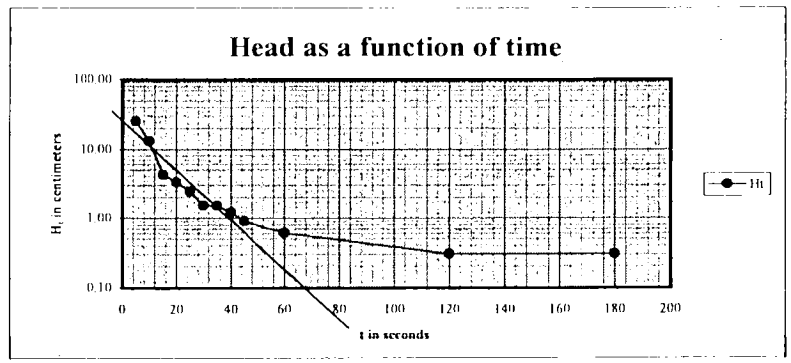
= yellow indicates value will be automatically calculated

				Conversion	
Static Water Level (fbgs)	W.L =	6.07	feet	185.01	cm
Well casing radius	r_c =	1	inch	0.21	cm
Sand Pack Radius	R =	4	inches	0.85	cm
Screen Length	L_e =	7.5	feet	228.60	cm
Water table to impermeable layer	h =	1.43	feet	43.59	cm
Water table to bottom of well	L_w =	1.43	feet	43.59	cm
Time	t =	3	min	180	seconds

L_w must equal h

L_e/R =	270.00
From Figure 7.25, p. 253, Fetter → C =	8.5
ln (L_w/R) =	3.94
ln Re/R =	3.22
$r_c^2 \ln(R_e/R)$ =	16.49
$2L_e$ =	457.20

seconds t	cm H_t
5	12.30
10	13.11
15	4.27
20	3.35
25	2.44
30	1.52
35	1.52
40	1.22
45	0.91
60	0.61
120	0.30
180	0.30



1. Draw straight line through early data
2. From chart, line crosses x-axis at approx → 67 seconds
3. Choose two points on chart from straight line and insert below

H_1 =	10	cm
t_1 =	10	seconds
H_2 =	0.45	cm
t_2 =	50	seconds

$(1/t)\ln(H_t/H_o)$ =	0.078
$r_c^2 \ln(R_e/R)$ =	16.49
$2L_e$ =	457.20

HYDRAULIC CONDUCTIVITY (K):

APPENDIX B

Geoprobe Boring Logs

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-1**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *8.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

Depth (ft.)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
						Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						FILL - dark gray fine sand intermixed with clay, crushed stone, brick and wood fragments.
2	25					
4	10				CL ML	Dark gray silty CLAY.
6						
8 ▽	0				CL ML	Olive gray mottled brown silty CLAY.
10						
12						Total Depth = 12 feet below ground surface.
14						
16						
18						
20						
22						
24						

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-2**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *8.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial *NA* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS
None

Depth (ft)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
0						Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
2					GC	dark gray FILL, clay and coarse sand with crushed stone and bricks
4	2					
6					OL	Dark grayish olive silty CLAY
8	3					Total Depth = 8.0 feet
10						
12						
14						
16						
18						
20						
22						
24						

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-3**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *5.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial *NA* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

No water sample collected due to drilling refusal at 5 feet bgs.

Depth (ft)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
0	142					Dark gray FILL, with rubble, clay/coarse sand, crushed stone, crushed brick, and broken glass.
2						
4	34				CL	Dark grayish olive silty CLAY
6						Total Depth = 5.0 feet below ground surface
8						
10						
12						
14						
16						
18						
20						
22						
24						

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

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INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-4**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *7.5 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS
Groundwater sample collected.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
0	175					Dark gray FILL, clay/coarse sand overlying coarse gravel.
2						
4	25					
6						
▽ 8	3				CL	Olive/brown silty CLAY
10						
12						Total Depth = 12 feet
14						
16						
18						
20						
22						
24						

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-5**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *6.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

PID results below are from headspace method. Screening PID results from open core sample: 0-4 feet 25 ppm, 4-8 feet 130 ppm, 8-12 feet 30 ppm.

Depth (ft)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
0	1450					Dark gray FILL with organic material, clay, coarse sand.
2						
4	1250					
6 ▽					GM	Coarse sandy GRAVEL
						Olive silty CLAY
8	450				CL ML	
10						
12						Total Depth = 12 feet
14						
16						
18						
20						
22						
24						

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

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INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-6**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *6.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

PID results below are from headspace methods. Screening PID results from open core sample: 0-4 feet 180 ppm, 4-8 feet 300 ppm, 8-12 feet 5 ppm.

Depth (ft)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
						Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0	1350					Dark gray FILL with clay to coarse sandy gravel. Organic material present.
2						
4	1150					
6 ▽						Dark gray coarse sand with organic material and a small amount of fine gravel.
8	150					Olive gray silty CLAY.
10					CL ML	
12						Total Depth = 12 feet
14						
16						
18						
20						
22						
24						

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-7**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *8.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *6.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

PID results below are from headspace methods. Screening PID results from open core sample: 0-4 feet 275 ppm, 4-8 feet 295 ppm

Depth (ft)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
0	>2000					Dark gray FILL - with clayey coarse sand and intermittent layers of organic material.
2						
4	>2000					
6 ▽						FILL - coarse gravel
					CL ML	Olive gray silty CLAY
8						Total Depth = 8 feet below ground surface
10						
12						
14						
16						
18						
20						
22						
24						

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-8**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *6.5 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

PID results below are from headspace methods. Screening PID results from open core sample: 0-4 feet 600 ppm, 4-8 feet 300 ppm, 8-12 feet 50 ppm.

Depth (ft)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
0	>2000					Dark gray, organic rich FILL - with some gravel and crushed stone.
2						
4	>2000					
6 ▽						Gray FILL - coarse sand and gravel with organic material.
8	1450					Olive silty CLAY
10					CL ML	
12						Total Depth = 12 feet below ground surface.
14						
16						
18						
20						
22						
24						

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-9**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *8.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *6.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

PID results below are from headspace methods. Screening PID results from open core sample: 0-4 feet 75 ppm, 4-8 feet 60 ppm.

Depth (ft)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class	Description (Color, Texture, Structure)
0	1300				ML	Olive brown SILT.
2						Dark gray, organic rich FILL - with glass fragments.
4	2000					
6 ▽					GP	Light brown coarse sandy GRAVEL.
					CL ML	Olive gray silty CLAY with organic material near 7 feet and dark gray speckles throughout.
8						Total Depth = 8 feet below ground surface
10						
12						
14						
16						
18						
20						
22						
24						

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-10**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *7.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

PID results below are from headspace methods. Screening PID results from open core sample: 0-4 feet 250 ppm, 4-8 feet 700 ppm, 8-12 feet 75 ppm.

Depth (ft.)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
0	>2000					Dark gray FILL - with some organic matter, corase sandy gravel and ceramic fragments throughout.
2						
4	>2000					
6						
▽						
8	275				CL ML	Olive gray silty CLAY.
10						
12						Total Depth = 12 feet below ground surface.
14						
16						
18						
20						
22						
24						

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-11**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *7.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

PID results below are from headspace methods. Screening results from open core sample. 0-4 feet 9 ppm, 4-8 feet 650 ppm, 8-12 feet 325 ppm.

Depth (ft.)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class	Description (Color, Texture, Structure)
0	25					FILL - Gray to olive gray to reddish brown coarse sand and gravel with some organic material.
2						
4	>2000					
6						
▽						
8	>2000				CL ML	Dark gray to olive brown silty CLAY.
10						
12						Total Depth = 12 feet below ground surface
14						
16						
18						
20						
22						
24						

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

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INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-12**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *14.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *7.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS
Depth to water is estimated.

Depth (ft.)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) — Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0	1					FILL - Dark gray to light gray coarse sand and gravel with crushed stone and ceramics.
4						No description due to poor recovery.
8	3.5					No description due to poor recovery.
10					CL ML	Olive gray silty CLAY.
14						Total Depth = 14 feet below ground surface.

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-13**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *7.5 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

Depth (ft.)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
0	2					FILL - light to dark gray coarse sand and gravel with intermittent organic matter and crushed stone. Reddish brown color noted in layers throughout.
4	0					
8					CL ML	Dark silty to olive gray silty CLAY.
12						Total Depth = 12 feet below ground surface.

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-14**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *6.5 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit #. *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

Depth (ft.)	PID (ppm)	Sample ID / % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0	0					FILL - dark gray to light brown coarse sand and gravel with intermittent organic matter and pieces of ceramic, wood, and leather.
2						
4	0					
6 ▽						
8	0				CL ML	Dark gray silt to Olive gray silty CLAY.
10						
12						Total Depth = 12 feet below ground surface.
14						
16						
18						
20						
22						
24						

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-15**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *7.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

Depth (ft.)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
						Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0	0					FILL - dark gray coarse sand and gravel with intermittent organic material, wood pieces, shell fragments, and crushed brick.
2						
4	0					
6						
▽						
8	0					Olive gray silty CLAY.
10					CL ML	
12						Total Depth = 12 feet below ground surface.
14						
16						
18						
20						
22						
24						

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-16**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *16.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial *NA* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0	0					FILL - Dark gray, coarse sand and gravel with intermittent organic material, crushed stone and crushed brick.
4		%				No description due to poor recovery from 4-8 feet.
8	0					Dark gray SILT.
12	1.1				ML	
16						Total Depth = 16 feet below ground surface.
24						

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-17**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *14.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial *NA* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

PID results below are from headspace methods. Screening results from open core sample: 0-4 feet 64 ppm, 4-8 feet 20 ppm, 8-12 feet 2 ppm.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0	1052					FILL - Dark gray, coarse sand and gravel with intermittent organic matter, shell fragments, and crush brick and stone.
2						
4	137					interbedded sand layers between 4 and 8 feet.
6						
8	31					No description due to poor sample recovery.
10						
12						
14						Total Depth = 14 feet below ground surface. Boring was discontinued due to high hydraulic head and poor sample recovery.
16						
18						
20						
22						
24						

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-18**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *8.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

Depth (ft.)	PID (ppm)	Sample ID / % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0	80					FILL - Dark gray, fine to coarse sand intermixed with a small amount of fine gravel and organic matter.
2						
4	13					
6						crushed brick and stone with dark organic material.
8 ▽	1					
10					CL ML	Olive gray silty CLAY.
12						Total Depth = 12 feet below ground surface.
14						
16						
18						
20						
22						
24						

IT_COMMERCIAL Rev 12/6/99 BUFF.GPJ IT_CORP.GDT 1/12/01

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-19**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *12.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *7.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class	Description (Color, Texture, Structure)
0	1					FILL - Dark gray to yellowish brown rubble mixed with coarse sand and gravel. A small amount of organic material was present.
2						
4	1					
6						coarse gravel
▽						
8	0				CL ML	Dark gray silty CLAY.
10						Olive gray to light brown silty CLAY.
12						Total Depth = 12 feet below ground surface.
14						
16						
18						
20						
22						
24						

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

IT_COMMERCIAL Rev 12/6/99 BUFF.GPJ IT_CORP.GDT 1/12/01

INTERNATIONAL TECHNOLOGY CORPORATION

Drilling Log

Soil Boring **SI-20**

Project *Pierce & Stevens Facility* Owner *Sovereign Specialty Chemicals, Inc.*

Location *710 Ohio Street, Buffalo, New York* Proj. No. *768912.04010000*

Surface Elev. *NA* Total Hole Depth *8.0 ft.* North _____ East _____

Top of Casing *NA* Water Level Initial ▽ *6.0 ft.* Static *NA* Diameter *4 in.*

Screen: Dia *NA* Length *NA* Type/Size *NA*

Casing: Dia *NA* Length *NA* Type *NA*

Fill Material _____ Rig/Core _____

Drill Co. *Maxim Technologies* Method *Geoprobe*

Driller *Ron* Log By *Tim Bryan* Date *7/17/00* Permit # *NA*

Checked By *Patty Bryan* License No. _____

COMMENTS

Depth (ft)	PID (ppm)	Sample ID / % Recovery	Blow Count / Recovery	Graphic Log	USCS Class	Description (Color, Texture, Structure)
0	75					FILL - Yellowish brown to dark gray rubble intermixed with coarse sand and gravel. Small pieces of ceramics and glass were present.
2						
4	150					
6 ▽						Black fine sand present.
					CL ML	Olive gray silty CLAY.
8						Total Depth = 8 feet below ground surface.
10						
12						
14						
16						
18						
20						
22						
24						

Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.

APPENDIX C

APPENDIX C

Laboratory Reports

SEVERN TRENT SERVICES

August 14, 2000

Mr. Tim Bryan
IT Corporation
300 W. Washington Ste. 900
Chicago, IL 60606

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

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

RE: Analytical Results

Dear Mr. Bryan:

Please find enclosed analytical results concerning the samples recently submitted by your firm. The pertinent information regarding these analyses is listed below:

Project ID:	Sovereign Specialty Chemicals
Matrix:	Water; Soil
Sample Dates:	07/17-18/00
Sample Receipt Date:	07/18/00

If you have any questions concerning these data, please contact Mr. James Stadelmaier, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide IT Corporation with environmental testing services. We look forward to serving you in the future.

Sincerely,

STL Buffalo

James E. Stadelmaier
Program Manager

Susan L. Tinsmith
Laboratory Manager

JES/SLT/rtv
Enclosure

I.D. #A00-5006
#NY9A8288.2

This report contains 10/44 pages, which are individually numbered.

SAMPLE DATA SUMMARY PACKAGE

SEVERN TRENT SERVICES

STL Buffalo

CASE NARRATIVE

Laboratory Name: STL Buffalo

Laboratory Code: STL Buffalo

Quote Number: NY00-098

Sample Identifications:

SI-1 4-8'
SI-1
SI-2 0-4'
SI-2
SI-3 0-4'
SI-4 0-4'
SI-4
SI-5 0-4'
SI-5 4-8'
SI-5
SI-6 4-8'
SI-6 0-4'
SI-6
SI-7 0-4'
SI-7 4-8'
SI-7
SI-8 0-4'
SI-8 4-8'
SI-8
SI-9 0-4'
TRIP BLANK

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is indicated on the specific data tables. The method number presented refers to the following reference:

- Analytical Services Protocol, NYSDEC, Doc. #0102, Vol. 1-10, Sept., 1989 with 12/91 and 12/95 rev. & updates.

COMMENTS

Comments pertain to data on one or all pages of this report.

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

SEVERN TRENT SERVICES

STL Buffalo

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

Samples SI-1, SI-5, and SI-8 showed a pH of 7, all other water samples were preserved to a pH less than 2.

Sample SI-1 contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers) and was reanalyzed at a dilution factor of 2. Both sets of data are reported.

VBLK69 exhibited results for Methylene chloride, Chloroform, and Carbon Tetrachloride. Affected samples are flagged with "B" qualifiers.

VBLK70 exhibited results for Methylene chloride, Chloroform, and Toluene. Affected samples are flagged with "B" qualifiers.

VBLK77 exhibited results for Bromoform. Affected samples are flagged with "B" qualifiers.

VBLK81 exhibited results for Methylene chloride. Affected samples are flagged with "B" qualifiers.

Sample SI-4 contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers) and was reanalyzed at a dilution factor of 5. Both sets of data are reported.

Sample SI-4 0-4' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by low level soil method and required further low level dilution. Sample SI-4 0-4' DL was analyzed outside of holding time. Both sets of data are reported.

Due to the high concentration of some target compounds, the following water samples were analyzed at an initial dilution factor: SI-5 at a dilution factor 400, SI-6 at a dilution factor 250, SI-7 at a dilution factor 2000, and SI-8 at a dilution factor 5000.

SEVERN TRENT SERVICES

STL Buffalo

VOLATILE DATA CON'T

Sample SI-5 0-4' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was initially analyzed by low level soil method and required further dilution by medium level soil extraction method. The sample also exhibited surrogate recovery results outside quality control limits for Toluene-D8 and internal standard recoveries outside quality control limits for Bromochloromethane, Chlorobenzene-D5, and 1,4-Difluorobenzene. However, sample SI-5 0-4' DL exhibited compliant recoveries. Both sets of data are reported.

Due to the high concentration of some target compounds, sample SI-5 4-8' was analyzed by medium level soil extraction method at a dilution factor of 20.

Sample SI-6 0-4' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by low level soil method and required further dilution by medium level soil extraction method. The sample also exhibited internal standard recoveries outside quality control limits for Chlorobenzene-D5. However, sample SI-6 0-4' DL2 was analyzed outside of holding time and exhibited compliant recoveries. All sets of data are reported.

Sample SI-6 4-8' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by low level soil method and required analysis by medium level soil extraction method. The sample also exhibited surrogate recovery results outside quality control limits for Toluene-D8 and internal standard recoveries outside quality control limits for Bromochloromethane, Chlorobenzene-D5, and 1,4-Difluorobenzene. However, sample SI-6 4-8' DL exhibited compliant recoveries. Both sets of data are reported.

Sample SI-7 0-4' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by medium level soil extraction method and at an initial dilution factor of 50 and required a further dilution of 400. SI-7 0-4' DL and SI-7 0-4' DLRE exhibited surrogate recovery results above quality control limits for 1,2-Dichloroethane-D4. All sets of data are reported.

Due to the problems encountered from sample matrix and required dilutions, samples SI-7 0-4' MS and SI-7 0-4' SD were analyzed outside analytical holding time at a dilution factor of 400. SI-7 0-4' MS and SI-7 0-4' SD show the spike recovery of Toluene as outside quality control limits. Also, the %RPD of this compound was above quality control limits. The recovery of Toluene was effected by the high concentration of this compound in sample SI-7 0-4' DL.

SEVERN TRENT SERVICES

STL Buffalo

VOLATILE DATA CON'T

Sample SI-7 4-8' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by low level soil method and required further dilution by medium level soil extraction method. The sample also exhibited surrogate recovery results outside quality control limits for 1,2-Dichloroethane-D4 and Toluene-D8 and internal standard recoveries outside quality control limits for Chlorobenzene-D5. However, sample SI-7 4-8' DL was analyzed outside of holding time and exhibited compliant recoveries. Both sets of data are reported.

Sample SI-8 0-4' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by medium level soil extraction method at an initial dilution factor of 50 and reanalyzed at a dilution factor of 250. Both sets of data are reported.

Sample SI-8 4-8' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by medium level soil extraction method at an initial dilution factor of 100 and reanalyzed at a dilution factor of 400. Both sets of data are reported.

Sample SI-9 0-4' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by low level soil method and required further analysis and dilution by medium level soil extraction method. The sample also exhibited surrogate recovery results outside quality control limits for Toluene-D8 and internal standard recoveries outside quality control limits for Bromochloromethane, Chlorobenzene-D5, and 1,4-Difluorobenzene. However, sample SI-9 0-4' DL2 was analyzed outside of holding time and exhibited compliant recoveries. Both sets of data are reported.

SEVERN TRENT SERVICES

STL Buffalo

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Susan L. Tinsmith
Laboratory Manager

8/15/03
Date

ORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES INC.

USEPA Defined Organic Data Qualifiers:

U - Indicates compound was analyzed for but not detected.

J - Indicates an estimate value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

T - This flag is used when the analyte is found in the associated TCLP extraction blank as well as in the sample.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

A - This flag indicates that a TIC is a suspected aldol-condensation product.

SEVERN TRENT SERVICES

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

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

August 15, 2000

Mr. Tim Bryan
IT Corporation
300 W. Washington Ste. 900
Chicago, IL 60606

RE: Analytical Results

Dear Mr. Bryan:

Please find enclosed analytical results concerning the samples recently submitted by your firm. The pertinent information regarding these analyses is listed below:

Project ID:	Sovereign Specialty Chemicals
Matrix:	Water; Soil
Sample Dates:	07/17-18/00
Sample Receipt Date:	07/18/00

If you have any questions concerning these data, please contact Mr. James Stadelmaier, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide IT Corporation with environmental testing services. We look forward to serving you in the future.

Sincerely,

STL Buffalo

James E. Stadelmaier
Program Manager

Susan L. Tinsmith
Laboratory Manager

JES/SLT/rtv
Enclosure

I.D. #A00-5007
#NY9A8288.2

This report contains 768 pages, which are individually numbered.

SAMPLE DATA SUMMARY PACKAGE

SEVERN TRENT SERVICES

STL Buffalo

CASE NARRATIVE

Laboratory Name: STL Buffalo

Laboratory Code: STL Buffalo

Quote Number: NY00-098

Sample Identifications:

MW-1
MW-4
MW-5
SI-9 4-8'
SI-9
SI-10 4-8'
SI-10 0-4'
SI-10
SI-11 4-8'
SI-11 8-12'
SI-11
SI-12 10-14'
SI-12
SI-13 0-4'
SI-13
SI-14 0-4'
SI-14
SI-15 0-4'
SI-15
SI-16
TRIP BLANK

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is indicated on the specific data tables. The method number presented refers to the following reference:

- Analytical Services Protocol, NYSDEC, Doc. #0102, Vol. 1-10, Sept., 1989 with 12/91 and 12/95 rev. & updates.

COMMENTS

Comments pertain to data on one or all pages of this report.

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

SEVERN TRENT SERVICES

STL Buffalo

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

Samples SI-11, SI-13, SI-15, and SI-16 showed a pH of 7, all other samples were preserved to a pH less than 2.

Sample MW-1 contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed at an initial dilution factor of 100 and required further analysis and a dilution of 1000. MW-1 DL shows the recovery of surrogate p-Bromofluorobenzene as outside quality control limits. MW-1 DLRE shows the recovery of surrogate 1,2-Dichloroethane-D4 as outside quality control limits. All sets of data are reported.

Due to excessive sample foaming during the sample purge cycle, MW-4 was analyzed at an initial dilution factor of 5.

Due to the high concentration of some target compounds, the following water samples were analyzed at an initial dilution factor: MW-5 at a dilution factor 10, SI-11 at a dilution factor 2500, SI-12 at a dilution factor 10, SI-12 MS at a dilution factor 10, and SI-12 SD at a dilution factor 10.

Sample SI-9 contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed at an initial dilution factor of 400 and was reanalyzed at a dilution factor of 2500. Both sets of data are reported.

VBLK70 exhibited positive results for Methylene chloride, Chloroform, and Toluene. Affected samples are flagged with "B" qualifiers.

VBLK71 exhibited positive results for Methylene chloride, Chloroform, and Toluene. Affected samples are flagged with "B" qualifiers.

Sample SI-9 4-8' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by low level soil method and required further dilution by medium level soil extraction method. Due to sample matrix and required dilutions, sample SI-9 4-8' DL2 was analyzed outside of holding time at a dilution factor of 20. The sample also exhibited surrogate recovery results outside quality control limits for 1,2-Dichloroethane-D4 and Toluene-D8 and internal standard Chlorobenzene-D5. SI-9 4-8' DL and SI-9 4-8' DL2 showed compliant recoveries for all surrogates and internal standards. All sets of data are reported.

SEVERN TRENT SERVICES

STL Buffalo

VOLATILE DATA CON'T

Sample SI-10 contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed at an initial dilution factor of 400 and was reanalyzed at a dilution factor of 2500. Both sets of data are reported.

Sample SI-10 0-4' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by medium level soil extraction method and at an initial dilution factor of 100 and required a further dilution of 1000. Both sets of data are reported.

Sample SI-10 4-8' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by medium level soil extraction method and at an initial dilution factor of 50 and required a further dilution of 100. Both sets of data are reported.

Sample SI-11 4-8' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed at an initial dilution factor of 100 and was reanalyzed at a dilution factor of 500. Both sets of data are reported.

Sample SI-11 8-12' contained one or more target compounds in amounts exceeding the instrument calibration range ("E" qualifiers). The sample was analyzed by low level soil method and required further dilution by medium level soil extraction method. The sample also exhibited surrogate recovery results outside quality control limits for Toluene-D8 and internal standard Chlorobenzene-D5. SI-11 8-12' DL showed compliant recoveries for all surrogates and internal standards. Both sets of data are reported.

SI-12 MS and SI-12 SD both show the spike recovery of Toluene as above quality control limits. The spike recovery of Toluene was effected by the high concentration of this compound in sample SI-12.

SEVERN TRENT SERVICES

STL Buffalo

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Susan L. Tinsmith
Laboratory Manager

8/15/00
Date

ORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES INC.

USEPA Defined Organic Data Qualifiers:

U - Indicates compound was analyzed for but not detected.

J - Indicates an estimate value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

T - This flag is used when the analyte is found in the associated TCLP extraction blank as well as in the sample.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

A - This flag indicates that a TIC is a suspected aldol-condensation product.

SDG NARRATIVE

SEVERN TRENT SERVICES

STL Buffalo

CASE NARRATIVE

Laboratory Name: STL Buffalo

Laboratory Code: STL Buffalo

Quote Number: NY00-098

Sample Identifications:

MW-2
MW-3
SI-16 0-4'
SI-17 4-8'
SI-17 0-4'
SI-18 0-4'
SI-18 4-8'
SI-18
SI-19
SI-19 0-4'
SI-20 0-4'
SI-20 4-8'
SI-20

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is indicated on the specific data tables. The method number presented refers to the following reference:

- Analytical Services Protocol, NYSDEC, Doc. #0102, Vol. 1-10, Sept., 1989 with 12/91 and 12/95 rev. & updates.

COMMENTS

Comments pertain to data on one or all pages of this report.

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

SEVERN TRENT SERVICES

STL Buffalo

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data was processed utilizing Teknivent Datasystem and Analytical Information Management System (AIMS®) software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this analytical data package.

Samples SI-18 and ST-19 showed a pH of 7, all other water samples were preserved to a pH less than 2.

Due to the high concentration of Toluene, sample ST-20 was analyzed at an initial dilution factor of 10.

Sample SI-17 0-4' showed the recovery of internal standard Chlorobenzene-D5 and surrogates p-Bromofluorobenzene and Toluene-D8 as outside quality control limits. Due to the high concentration of some target compounds this sample was not reanalyzed but required a secondary dilution. SI-17 0-4' DL was analyzed by medium level soil extraction method and shows compliant recoveries for all surrogates and internal standards. However, SI-17 0-4' DL was analyzed one day outside the 10 day analytical hold time. Both sets data are reported.

Sample SI-17 4-8' showed the recovery of surrogate p-Bromofluorobenzene as above quality control limits. Due to the high concentration of Total Xylenes, the sample was not reanalyzed but required a secondary dilution. SI-17 4-8' DL and SI-17 4-8' DLRE also showed the recovery of surrogate p-Bromofluorobenzene as above quality control limits. All three sets of data are reported.

Samples ST-20 4-8' and ST-20 4-8' RE showed the recovery of all three internal standards as outside quality control limits. Both sets of data are reported.

SEVERN TRENT SERVICES

STL Buffalo

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and electronic deliverable has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Susan L. Tinsmith
Laboratory Manager

8/11/00
Date

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000007

Client No.

MW-1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9__

Matrix: (soil/water) WATER Lab Sample ID: A0500718__

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5889.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/21/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 100.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	1000	U
75-27-4	Bromodichloromethane	1000	U
75-25-2	Bromoform	1000	U
74-83-9	Bromomethane	1000	U
78-93-3	2-Butanone	1000	U
75-15-0	Carbon Disulfide	1000	U
56-23-5	Carbon Tetrachloride	1000	U
75-00-3	Chloroethane	1100	
67-66-3	Chloroform	1000	U
74-87-3	Chloromethane	1000	U
10061-01-5	cis-1,3-Dichloropropene	1000	U
124-48-1	Dibromochloromethane	1000	U
75-34-3	1,1-Dichloroethane	1000	
107-06-2	1,2-Dichloroethane	1000	U
75-35-4	1,1-Dichloroethene	1000	U
540-59-0	1,2-Dichloroethene (Total)	1000	U
78-87-5	1,2-Dichloropropane	1000	U
591-78-6	2-Hexanone	1000	U
75-09-2	Methylene chloride	100	J
108-10-1	4-Methyl-2-pentanone	1000	U
100-42-5	Styrene	1000	U
10061-02-6	trans-1,3-Dichloropropene	1000	U
127-18-4	Tetrachloroethene	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U
71-55-6	1,1,1-Trichloroethane	220	J
79-00-5	1,1,2-Trichloroethane	1000	U
79-01-6	Trichloroethene	1000	U
75-01-4	Vinyl chloride	1000	U
71-43-2	Benzene	200	J
108-90-7	Chlorobenzene	1000	U
100-41-4	Ethylbenzene	1000	U
108-88-3	Toluene	29000	E
1330-20-7	Total Xylenes	100	J

MW GW DATA

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: MW-1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500718

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5889.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/21/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 100.00

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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN CYCLOALKANE	11.03	3700	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000009

Client No.

MW-1 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500718DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5996.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1000.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	10000	U
75-27-4	Bromodichloromethane	10000	U
75-25-2	Bromoform	10000	U
74-83-9	Bromomethane	10000	U
78-93-3	2-Butanone	10000	U
75-15-0	Carbon Disulfide	10000	U
56-23-5	Carbon Tetrachloride	10000	U
75-00-3	Chloroethane	10000	U
67-66-3	Chloroform	10000	U
74-87-3	Chloromethane	10000	U
10061-01-5	cis-1,3-Dichloropropene	10000	U
124-48-1	Dibromochloromethane	10000	U
75-34-3	1,1-Dichloroethane	1100	DJ
107-06-2	1,2-Dichloroethane	10000	U
75-35-4	1,1-Dichloroethene	10000	U
540-59-0	1,2-Dichloroethene (Total)	10000	U
78-87-5	1,2-Dichloropropane	10000	U
591-78-6	2-Hexanone	10000	U
75-09-2	Methylene chloride	10000	U
108-10-1	4-Methyl-2-pentanone	10000	U
100-42-5	Styrene	10000	U
10061-02-6	trans-1,3-Dichloropropene	10000	U
127-18-4	Tetrachloroethene	10000	U
79-34-5	1,1,2,2-Tetrachloroethane	10000	U
71-55-6	1,1,1-Trichloroethane	10000	U
79-00-5	1,1,2-Trichloroethane	10000	U
79-01-6	Trichloroethene	10000	U
75-01-4	Vinyl chloride	10000	U
71-43-2	Benzene	10000	U
108-90-7	Chlorobenzene	10000	U
100-41-4	Ethylbenzene	10000	U
108-88-3	Toluene	150000	D
1330-20-7	Total Xylenes	10000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000010

Client No.

MW-1 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) WATER Lab Sample ID: A0500718DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5996.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1000.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000011

Client No.

MW-1 DLRE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) WATER Lab Sample ID: A0500718V

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6017.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1000.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	10000	U
75-27-4	Bromodichloromethane	10000	U
75-25-2	Bromoform	10000	U
74-83-9	Bromomethane	10000	U
78-93-3	2-Butanone	10000	U
75-15-0	Carbon Disulfide	10000	U
56-23-5	Carbon Tetrachloride	10000	U
75-00-3	Chloroethane	1200	DJ
67-66-3	Chloroform	10000	U
74-87-3	Chloromethane	10000	U
10061-01-5	cis-1,3-Dichloropropene	10000	U
124-48-1	Dibromochloromethane	10000	U
75-34-3	1,1-Dichloroethane	1500	DJ
107-06-2	1,2-Dichloroethane	10000	U
75-35-4	1,1-Dichloroethene	10000	U
540-59-0	1,2-Dichloroethene (Total)	10000	U
78-87-5	1,2-Dichloropropane	10000	U
591-78-6	2-Hexanone	10000	U
75-09-2	Methylene chloride	10000	U
108-10-1	4-Methyl-2-pentanone	10000	U
100-42-5	Styrene	10000	U
10061-02-6	trans-1,3-Dichloropropene	10000	U
127-18-4	Tetrachloroethene	10000	U
79-34-5	1,1,2,2-Tetrachloroethane	10000	U
71-55-6	1,1,1-Trichloroethane	10000	U
79-00-5	1,1,2-Trichloroethane	10000	U
79-01-6	Trichloroethene	10000	U
75-01-4	Vinyl chloride	10000	U
71-43-2	Benzene	10000	U
108-90-7	Chlorobenzene	10000	U
100-41-4	Ethylbenzene	10000	U
108-88-3	Toluene	150000	D
1330-20-7	Total Xylenes	10000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-1 DLRE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500718V

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6017.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1000.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000006

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500801

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5917.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	10	U
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	6	J
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	10	U
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	8	J
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	10	U
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	10	U
1330-20-7	Total Xylenes	10	U

ORGANIC DATA COMMENT PAGE

Laboratory Name: SEVERN TRENT LABORATORIES INC.

USEPA Defined Organic Data Qualifiers:

U - Indicates compound was analyzed for but not detected.

J - Indicates an estimate value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

T - This flag is used when the analyte is found in the associated TCLP extraction blank as well as in the sample.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

A - This flag indicates that a TIC is a suspected aldol-condensation product.

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000008

Client No.

MW-3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5918.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	3	J
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	10	U
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	10	U
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	10	U
1330-20-7	Total Xylenes	10	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000007
Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500801

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5917.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.: MW-4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500719

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5911.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/22/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	50	U
75-27-4	Bromodichloromethane	50	U
75-25-2	Bromoform	50	U
74-83-9	Bromomethane	50	U
78-93-3	2-Butanone	50	U
75-15-0	Carbon Disulfide	50	U
56-23-5	Carbon Tetrachloride	50	U
75-00-3	Chloroethane	50	U
67-66-3	Chloroform	50	U
74-87-3	Chloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
124-48-1	Dibromochloromethane	50	U
75-34-3	1,1-Dichloroethane	50	U
107-06-2	1,2-Dichloroethane	50	U
75-35-4	1,1-Dichloroethene	50	U
540-59-0	1,2-Dichloroethene (Total)	50	U
78-87-5	1,2-Dichloropropane	50	U
591-78-6	2-Hexanone	50	U
75-09-2	Methylene chloride	50	U
108-10-1	4-Methyl-2-pentanone	50	U
100-42-5	Styrene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
127-18-4	Tetrachloroethene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
71-55-6	1,1,1-Trichloroethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
79-01-6	Trichloroethene	50	U
75-01-4	Vinyl chloride	50	U
71-43-2	Benzene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
108-88-3	Toluene	50	U
1330-20-7	Total Xylenes	50	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) WATER Lab Sample ID: A0500719__

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5911.RR_____

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/22/2000

GC Column: DB-624___ ID: 0.25 (mm) Dilution Factor: 5.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000015

Client No.

MW-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500720

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5912.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/22/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	360	
75-27-4	Bromodichloromethane	100	U
75-25-2	Bromoform	100	U
74-83-9	Bromomethane	100	U
78-93-3	2-Butanone	760	
75-15-0	Carbon Disulfide	100	U
56-23-5	Carbon Tetrachloride	100	U
75-00-3	Chloroethane	1200	
67-66-3	Chloroform	100	U
74-87-3	Chloromethane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
124-48-1	Dibromochloromethane	100	U
75-34-3	1,1-Dichloroethane	100	U
107-06-2	1,2-Dichloroethane	100	U
75-35-4	1,1-Dichloroethene	100	U
540-59-0	1,2-Dichloroethene (Total)	100	U
78-87-5	1,2-Dichloropropane	100	U
591-78-6	2-Hexanone	100	U
75-09-2	Methylene chloride	16	J
108-10-1	4-Methyl-2-pentanone	100	U
100-42-5	Styrene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
127-18-4	Tetrachloroethene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
71-55-6	1,1,1-Trichloroethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
79-01-6	Trichloroethene	100	U
75-01-4	Vinyl chloride	100	U
71-43-2	Benzene	17	J
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	100	U
108-88-3	Toluene	420	
1330-20-7	Total Xylenes	100	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000016

Client No.

MW-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500720

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5912.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/22/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.00

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

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN ALKENE	9.17	56	J
2.		UNKNOWN CYCLOALKANE	11.02	320	J
3.		UNKNOWN CYCLOALKANE	12.30	80	J
4.		UNKNOWN CYCLOALKANE	14.35	510	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000008

Client No.

SI-1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500602

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5976.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	4	J
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	12	
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	150	
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	2	J
540-59-0	1,2-Dichloroethene (Total)	300	E
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	120	
75-01-4	Vinyl chloride	24	
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	10	U
1330-20-7	Total Xylenes	10	U

SI GW DATA

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000009

Client N

SI-1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500602

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5976.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	3.58	6	J
2.	UNKNOWN	11.03	11	J
3.	UNKNOWN	11.40	5	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-1 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500602DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6000.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 2.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
75-27-4	Bromodichloromethane	20	U
75-25-2	Bromoform	20	U
74-83-9	Bromomethane	20	U
78-93-3	2-Butanone	20	U
75-15-0	Carbon Disulfide	20	U
56-23-5	Carbon Tetrachloride	20	U
75-00-3	Chloroethane	14	DJ
67-66-3	Chloroform	20	U
74-87-3	Chloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
124-48-1	Dibromochloromethane	20	U
75-34-3	1,1-Dichloroethane	180	D
107-06-2	1,2-Dichloroethane	20	U
75-35-4	1,1-Dichloroethene	2	DJ
540-59-0	1,2-Dichloroethene (Total)	350	D
78-87-5	1,2-Dichloropropane	20	U
591-78-6	2-Hexanone	20	U
75-09-2	Methylene chloride	20	U
108-10-1	4-Methyl-2-pentanone	20	U
100-42-5	Styrene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
127-18-4	Tetrachloroethene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
71-55-6	1,1,1-Trichloroethane	20	U
79-00-5	1,1,2-Trichloroethane	20	U
79-01-6	Trichloroethene	150	D
75-01-4	Vinyl chloride	32	D
71-43-2	Benzene	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
108-88-3	Toluene	20	U
1330-20-7	Total Xylenes	20	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000011

Client No.

SI-1 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500602DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6000.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 2.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500604

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5977.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	3	J
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	7	J
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	44	
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	3	J
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	1	J
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	
75-01-4	Vinyl chloride	1	J
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	10	U
1330-20-7	Total Xylenes	10	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500604

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5977.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
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Client No.

SI-4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500606

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5978.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	26	
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	560	E
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	10	U
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	5	J
108-10-1	4-Methyl-2-pentanone	5	J
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	10	U
71-43-2	Benzene	25	
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	1	J
108-88-3	Toluene	5	J
1330-20-7	Total Xylenes	11	

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000021

Client No.

SI-4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500606

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5978.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN ALKANE	9.17	100	J
2.		UNKNOWN CYCLOALKANE	11.00	530	J
3.		UNKNOWN ALKANE	12.28	140	J
4.		UNKNOWN CYCLOALKANE	13.03	21	J
5.		UNKNOWN CYCLOALKANE	13.13	40	J
6.		UNKNOWN ALKANE	13.78	85	J
7.		UNKNOWN ALKANE	14.35	830	J
8.		UNKNOWN CYCLOALKANE	14.65	59	J
9.		UNKNOWN CYCLOALKANE	14.75	20	J
10.		UNKNOWN CYCLOALKANE	15.00	26	J

I T CORPORATION
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Client No.

SI-4 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500606DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6001.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	42	DJ
75-27-4	Bromodichloromethane	50	U
75-25-2	Bromoform	50	U
74-83-9	Bromomethane	50	U
78-93-3	2-Butanone	50	U
75-15-0	Carbon Disulfide	50	U
56-23-5	Carbon Tetrachloride	50	U
75-00-3	Chloroethane	650	D
67-66-3	Chloroform	50	U
74-87-3	Chloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
124-48-1	Dibromochloromethane	50	U
75-34-3	1,1-Dichloroethane	50	U
107-06-2	1,2-Dichloroethane	50	U
75-35-4	1,1-Dichloroethene	50	U
540-59-0	1,2-Dichloroethene (Total)	50	U
78-87-5	1,2-Dichloropropane	50	U
591-78-6	2-Hexanone	50	U
75-09-2	Methylene chloride	7	DJ
108-10-1	4-Methyl-2-pentanone	50	U
100-42-5	Styrene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
127-18-4	Tetrachloroethene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
71-55-6	1,1,1-Trichloroethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
79-01-6	Trichloroethene	50	U
75-01-4	Vinyl chloride	50	U
71-43-2	Benzene	18	DJ
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
108-88-3	Toluene	9	DJ
1330-20-7	Total Xylenes	6	DJ

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-4 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500606DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M6001.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.00

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

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	9.17	65	J
2.	UNKNOWN CYCLOALKANE	11.02	420	J
3.	UNKNOWN ALKANE	12.30	95	J
4.	UNKNOWN ALKANE	13.80	44	J
5.	UNKNOWN CYCLOALKANE	14.65	45	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000028

Client No.

SI-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500610

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5979.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 400.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	4000	U
75-27-4	Bromodichloromethane	4000	U
75-25-2	Bromoform	4000	U
74-83-9	Bromomethane	4000	U
78-93-3	2-Butanone	4000	U
75-15-0	Carbon Disulfide	4000	U
56-23-5	Carbon Tetrachloride	4000	U
75-00-3	Chloroethane	4800	
67-66-3	Chloroform	4000	U
74-87-3	Chloromethane	4000	U
10061-01-5	cis-1,3-Dichloropropene	4000	U
124-48-1	Dibromochloromethane	4000	U
75-34-3	1,1-Dichloroethane	10000	
107-06-2	1,2-Dichloroethane	4000	U
75-35-4	1,1-Dichloroethene	4000	U
540-59-0	1,2-Dichloroethene (Total)	4000	U
78-87-5	1,2-Dichloropropane	4000	U
591-78-6	2-Hexanone	4000	U
75-09-2	Methylene chloride	4000	U
108-10-1	4-Methyl-2-pentanone	4000	U
100-42-5	Styrene	4000	U
10061-02-6	trans-1,3-Dichloropropene	4000	U
127-18-4	Tetrachloroethene	4000	U
79-34-5	1,1,2,2-Tetrachloroethane	4000	U
71-55-6	1,1,1-Trichloroethane	5100	
79-00-5	1,1,2-Trichloroethane	4000	U
79-01-6	Trichloroethene	4000	U
75-01-4	Vinyl chloride	4000	U
71-43-2	Benzene	4000	U
108-90-7	Chlorobenzene	4000	U
100-41-4	Ethylbenzene	4000	U
108-88-3	Toluene	50000	
1330-20-7	Total Xylenes	4000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000029

Client No.

SI-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500610

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5979.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 400.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	11.03	3000	J
2.	UNKNOWN CYCLOALKANE	14.37	5400	J

I T CORPORATION
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Client No.

SI-6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500616

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5981.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 250.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	2500	U
75-27-4	Bromodichloromethane	2500	U
75-25-2	Bromoform	2500	U
74-83-9	Bromomethane	2500	U
78-93-3	2-Butanone	2500	U
75-15-0	Carbon Disulfide	2500	U
56-23-5	Carbon Tetrachloride	2500	U
75-00-3	Chloroethane	2500	U
67-66-3	Chloroform	2500	U
74-87-3	Chloromethane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
124-48-1	Dibromochloromethane	2500	U
75-34-3	1,1-Dichloroethane	2500	U
107-06-2	1,2-Dichloroethane	2500	U
75-35-4	1,1-Dichloroethene	2500	U
540-59-0	1,2-Dichloroethene (Total)	2500	U
78-87-5	1,2-Dichloropropane	2500	U
591-78-6	2-Hexanone	2500	U
75-09-2	Methylene chloride	2500	U
108-10-1	4-Methyl-2-pentanone	2500	U
100-42-5	Styrene	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
127-18-4	Tetrachloroethene	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
71-55-6	1,1,1-Trichloroethane	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
79-01-6	Trichloroethene	2500	U
75-01-4	Vinyl chloride	2500	U
71-43-2	Benzene	2500	U
108-90-7	Chlorobenzene	2500	U
100-41-4	Ethylbenzene	2500	U
108-88-3	Toluene	42000	
1330-20-7	Total Xylenes	2500	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000037

Client No.

SI-6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500616

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5981.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 250.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	9.18	1500	J
2.	UNKNOWN ALKANE	11.03	5700	J

I T CORPORATION
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000048

Client No.

SI-7

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500615

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5980.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 2000.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20000	U
75-27-4	Bromodichloromethane	20000	U
75-25-2	Bromoform	20000	U
74-83-9	Bromomethane	20000	U
78-93-3	2-Butanone	20000	U
75-15-0	Carbon Disulfide	20000	U
56-23-5	Carbon Tetrachloride	20000	U
75-00-3	Chloroethane	20000	U
67-66-3	Chloroform	20000	U
74-87-3	Chloromethane	20000	U
10061-01-5	cis-1,3-Dichloropropene	20000	U
124-48-1	Dibromochloromethane	20000	U
75-34-3	1,1-Dichloroethane	20000	U
107-06-2	1,2-Dichloroethane	20000	U
75-35-4	1,1-Dichloroethene	20000	U
540-59-0	1,2-Dichloroethene (Total)	20000	U
78-87-5	1,2-Dichloropropane	20000	U
591-78-6	2-Hexanone	20000	U
75-09-2	Methylene chloride	20000	U
108-10-1	4-Methyl-2-pentanone	20000	U
100-42-5	Styrene	20000	U
10061-02-6	trans-1,3-Dichloropropene	20000	U
127-18-4	Tetrachloroethene	20000	U
79-34-5	1,1,2,2-Tetrachloroethane	20000	U
71-55-6	1,1,1-Trichloroethane	20000	U
79-00-5	1,1,2-Trichloroethane	20000	U
79-01-6	Trichloroethene	20000	U
75-01-4	Vinyl chloride	20000	U
71-43-2	Benzene	20000	U
108-90-7	Chlorobenzene	20000	U
100-41-4	Ethylbenzene	20000	U
108-88-3	Toluene	210000	
1330-20-7	Total Xylenes	20000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000049

Client No.

SI-7

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500615

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5980.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 2000.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000060
Client No.

SI-8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500619

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5982.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5000.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	50000	U
75-27-4	Bromodichloromethane	50000	U
75-25-2	Bromoform	50000	U
74-83-9	Bromomethane	50000	U
78-93-3	2-Butanone	50000	U
75-15-0	Carbon Disulfide	50000	U
56-23-5	Carbon Tetrachloride	50000	U
75-00-3	Chloroethane	50000	U
67-66-3	Chloroform	50000	U
74-87-3	Chloromethane	50000	U
10061-01-5	cis-1,3-Dichloropropene	50000	U
124-48-1	Dibromochloromethane	50000	U
75-34-3	1,1-Dichloroethane	50000	U
107-06-2	1,2-Dichloroethane	50000	U
75-35-4	1,1-Dichloroethene	50000	U
540-59-0	1,2-Dichloroethene (Total)	50000	U
78-87-5	1,2-Dichloropropane	50000	U
591-78-6	2-Hexanone	50000	U
75-09-2	Methylene chloride	50000	U
108-10-1	4-Methyl-2-pentanone	50000	U
100-42-5	Styrene	50000	U
10061-02-6	trans-1,3-Dichloropropene	50000	U
127-18-4	Tetrachloroethene	50000	U
79-34-5	1,1,2,2-Tetrachloroethane	50000	U
71-55-6	1,1,1-Trichloroethane	50000	U
79-00-5	1,1,2-Trichloroethane	50000	U
79-01-6	Trichloroethene	50000	U
75-01-4	Vinyl chloride	50000	U
71-43-2	Benzene	50000	U
108-90-7	Chlorobenzene	50000	U
100-41-4	Ethylbenzene	50000	U
108-88-3	Toluene	570000	
1330-20-7	Total Xylenes	50000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000061

Client No.

SI-8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) WATER Lab Sample ID: A0500619

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5982.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5000.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000017

Client No.

SI-9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5919.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 400.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	4000	U
75-27-4	Bromodichloromethane	4000	U
75-25-2	Bromoform	4000	U
74-83-9	Bromomethane	4000	U
78-93-3	2-Butanone	4000	U
75-15-0	Carbon Disulfide	4000	U
56-23-5	Carbon Tetrachloride	4000	U
75-00-3	Chloroethane	4000	U
67-66-3	Chloroform	4000	U
74-87-3	Chloromethane	4000	U
10061-01-5	cis-1,3-Dichloropropene	4000	U
124-48-1	Dibromochloromethane	4000	U
75-34-3	1,1-Dichloroethane	(530)	J
107-06-2	1,2-Dichloroethane	4000	U
75-35-4	1,1-Dichloroethene	4000	U
540-59-0	1,2-Dichloroethene (Total)	4000	U
78-87-5	1,2-Dichloropropane	4000	U
591-78-6	2-Hexanone	4000	U
75-09-2	Methylene chloride	4000	U
108-10-1	4-Methyl-2-pentanone	4000	U
100-42-5	Styrene	4000	U
10061-02-6	trans-1,3-Dichloropropene	4000	U
127-18-4	Tetrachloroethene	4000	U
79-34-5	1,1,2,2-Tetrachloroethane	4000	U
71-55-6	1,1,1-Trichloroethane	4000	U
79-00-5	1,1,2-Trichloroethane	4000	U
79-01-6	Trichloroethene	4000	U
75-01-4	Vinyl chloride	4000	U
71-43-2	Benzene	4000	U
108-90-7	Chlorobenzene	4000	U
100-41-4	Ethylbenzene	(440)	J
108-88-3	Toluene	(150000)	E
1330-20-7	Total Xylenes	(2200)	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000018

Client No.

SI-9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5919.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 400.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000019

Client No.

SI-9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500702DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5929.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/24/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2500.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	25000	U
75-27-4	Bromodichloromethane	25000	U
75-25-2	Bromoform	25000	U
74-83-9	Bromomethane	25000	U
78-93-3	2-Butanone	25000	U
75-15-0	Carbon Disulfide	25000	U
56-23-5	Carbon Tetrachloride	25000	U
75-00-3	Chloroethane	25000	U
67-66-3	Chloroform	25000	U
74-87-3	Chloromethane	25000	U
10061-01-5	cis-1,3-Dichloropropene	25000	U
124-48-1	Dibromochloromethane	25000	U
75-34-3	1,1-Dichloroethane	25000	U
107-06-2	1,2-Dichloroethane	25000	U
75-35-4	1,1-Dichloroethene	25000	U
540-59-0	1,2-Dichloroethene (Total)	25000	U
78-87-5	1,2-Dichloropropane	25000	U
591-78-6	2-Hexanone	25000	U
75-09-2	Methylene chloride	25000	U
108-10-1	4-Methyl-2-pentanone	25000	U
100-42-5	Styrene	25000	U
10061-02-6	trans-1,3-Dichloropropene	25000	U
127-18-4	Tetrachloroethene	25000	U
79-34-5	1,1,2,2-Tetrachloroethane	25000	U
71-55-6	1,1,1-Trichloroethane	25000	U
79-00-5	1,1,2-Trichloroethane	25000	U
79-01-6	Trichloroethene	25000	U
75-01-4	Vinyl chloride	25000	U
71-43-2	Benzene	25000	U
108-90-7	Chlorobenzene	25000	U
100-41-4	Ethylbenzene	25000	U
108-88-3	Toluene	430000	D
1330-20-7	Total Xylenes	25000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SI-9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500702DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5929.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/24/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2500.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
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ANALYSIS DATA SHEET

000027

Client No.

SI-10

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5882.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/21/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 400.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	72000	
75-27-4	Bromodichloromethane	4000	U
75-25-2	Bromoform	4000	U
74-83-9	Bromomethane	4000	U
78-93-3	2-Butanone	4200	
75-15-0	Carbon Disulfide	4000	U
56-23-5	Carbon Tetrachloride	4000	U
75-00-3	Chloroethane	4000	U
67-66-3	Chloroform	4000	U
74-87-3	Chloromethane	4000	U
10061-01-5	cis-1,3-Dichloropropene	4000	U
124-48-1	Dibromochloromethane	4000	U
75-34-3	1,1-Dichloroethane	930	J
107-06-2	1,2-Dichloroethane	4000	U
75-35-4	1,1-Dichloroethene	4000	U
540-59-0	1,2-Dichloroethene (Total)	4000	U
78-87-5	1,2-Dichloropropane	4000	U
591-78-6	2-Hexanone	4000	U
75-09-2	Methylene chloride	970	J
108-10-1	4-Methyl-2-pentanone	4000	U
100-42-5	Styrene	4000	U
10061-02-6	trans-1,3-Dichloropropene	4000	U
127-18-4	Tetrachloroethene	4000	U
79-34-5	1,1,2,2-Tetrachloroethane	4000	U
71-55-6	1,1,1-Trichloroethane	4000	U
79-00-5	1,1,2-Trichloroethane	4000	U
79-01-6	Trichloroethene	4000	U
75-01-4	Vinyl chloride	4000	U
71-43-2	Benzene	4000	U
108-90-7	Chlorobenzene	4000	U
100-41-4	Ethylbenzene	4000	U
108-88-3	Toluene	120000	E
1330-20-7	Total Xylenes	4000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000028

Client No.

SI-10

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5882.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/21/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 400.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
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ANALYSIS DATA SHEET

000029

Client No.

SI-10 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500705DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5933.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/24/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2500.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	57000	D
75-27-4	Bromodichloromethane	25000	U
75-25-2	Bromoform	25000	U
74-83-9	Bromomethane	25000	U
78-93-3	2-Butanone	25000	U
75-15-0	Carbon Disulfide	25000	U
56-23-5	Carbon Tetrachloride	25000	U
75-00-3	Chloroethane	25000	U
67-66-3	Chloroform	25000	U
74-87-3	Chloromethane	25000	U
10061-01-5	cis-1,3-Dichloropropene	25000	U
124-48-1	Dibromochloromethane	25000	U
75-34-3	1,1-Dichloroethane	25000	U
107-06-2	1,2-Dichloroethane	25000	U
75-35-4	1,1-Dichloroethene	25000	U
540-59-0	1,2-Dichloroethene (Total)	25000	U
78-87-5	1,2-Dichloropropane	25000	U
591-78-6	2-Hexanone	25000	U
75-09-2	Methylene chloride	25000	U
108-10-1	4-Methyl-2-pentanone	25000	U
100-42-5	Styrene	25000	U
10061-02-6	trans-1,3-Dichloropropene	25000	U
127-18-4	Tetrachloroethene	25000	U
79-34-5	1,1,2,2-Tetrachloroethane	25000	U
71-55-6	1,1,1-Trichloroethane	25000	U
79-00-5	1,1,2-Trichloroethane	25000	U
79-01-6	Trichloroethene	25000	U
75-01-4	Vinyl chloride	25000	U
71-43-2	Benzene	25000	U
108-90-7	Chlorobenzene	25000	U
100-41-4	Ethylbenzene	25000	U
108-88-3	Toluene	480000	D
1330-20-7	Total Xylenes	25000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-10 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500705DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5933.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/24/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2500.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
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Client No.

SI-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) WATER Lab Sample ID: A0500708

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5934.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/24/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2500.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	25000	U
75-27-4	Bromodichloromethane	25000	U
75-25-2	Bromoform	25000	U
74-83-9	Bromomethane	25000	U
78-93-3	2-Butanone	25000	U
75-15-0	Carbon Disulfide	25000	U
56-23-5	Carbon Tetrachloride	25000	U
75-00-3	Chloroethane	25000	U
67-66-3	Chloroform	25000	U
74-87-3	Chloromethane	25000	U
10061-01-5	cis-1,3-Dichloropropene	25000	U
124-48-1	Dibromochloromethane	25000	U
75-34-3	1,1-Dichloroethane	25000	U
107-06-2	1,2-Dichloroethane	25000	U
75-35-4	1,1-Dichloroethene	25000	U
540-59-0	1,2-Dichloroethene (Total)	25000	U
78-87-5	1,2-Dichloropropane	25000	U
591-78-6	2-Hexanone	25000	U
75-09-2	Methylene chloride	25000	U
108-10-1	4-Methyl-2-pentanone	25000	U
100-42-5	Styrene	25000	U
10061-02-6	trans-1,3-Dichloropropene	25000	U
127-18-4	Tetrachloroethene	25000	U
79-34-5	1,1,2,2-Tetrachloroethane	25000	U
71-55-6	1,1,1-Trichloroethane	25000	U
79-00-5	1,1,2-Trichloroethane	25000	U
79-01-6	Trichloroethene	25000	U
75-01-4	Vinyl chloride	25000	U
71-43-2	Benzene	25000	U
108-90-7	Chlorobenzene	25000	U
100-41-4	Ethylbenzene	25000	U
108-88-3	Toluene	490000	
1330-20-7	Total Xylenes	25000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SI-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500708

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5934.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/24/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2500.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
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ANALYSIS DATA SHEET

Client No.

SI-12

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) WATER Lab Sample ID: A0500710__

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5930.RR_____

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/24/2000

GC Column: DB-624___ ID: 0.25 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	100	U
75-27-4	Bromodichloromethane	100	U
75-25-2	Bromoform	100	U
74-83-9	Bromomethane	100	U
78-93-3	2-Butanone	100	U
75-15-0	Carbon Disulfide	100	U
56-23-5	Carbon Tetrachloride	100	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	100	U
74-87-3	Chloromethane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
124-48-1	Dibromochloromethane	100	U
75-34-3	1,1-Dichloroethane	100	U
107-06-2	1,2-Dichloroethane	100	U
75-35-4	1,1-Dichloroethene	100	U
540-59-0	1,2-Dichloroethene (Total)	100	U
78-87-5	1,2-Dichloropropane	100	U
591-78-6	2-Hexanone	100	U
75-09-2	Methylene chloride	100	U
108-10-1	4-Methyl-2-pentanone	100	U
100-42-5	Styrene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
127-18-4	Tetrachloroethene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
71-55-6	1,1,1-Trichloroethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
79-01-6	Trichloroethene	100	U
75-01-4	Vinyl chloride	100	U
71-43-2	Benzene	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	100	U
108-88-3	Toluene	1800	
1330-20-7	Total Xylenes	100	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SI-12

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500710

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5930.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/24/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000053
Client No.

SI-13

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) WATER Lab Sample ID: A0500712__

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5907.RR_____

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/22/2000

GC Column: DB-624___ ID: 0.25 (mm) Dilution Factor: ___1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	2	J
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	10	U
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	10	U
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	21	
1330-20-7	Total Xylenes	10	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.
SI-13

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500712

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5907.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/22/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	3.58	6	J
2.	UNKNOWN	5.00	6	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.: SI-14

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500714

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5908.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/22/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	10	U
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	10	U
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	10	U
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	[illegible]	U
1330-20-7	Total Xylenes	10	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000058

Client No.

SI-14

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500714

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5908.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/22/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000061

Client No.

SI-15

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) WATER Lab Sample ID: A0500716__

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5909.RR_____

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/22/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	2	J
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	10	U
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	10	U
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	2	J
1330-20-7	Total Xylenes	10	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.
SI-15

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500716

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5909.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/22/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
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000065

Client No.

SI-16

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500717

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5928.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/24/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	3	J
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	1	J
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	10	U
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	8	J
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	10	U
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	10	U
1330-20-7	Total Xylenes	10	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.
SI-16

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) WATER Lab Sample ID: A0500717

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5928.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. _____ Date Analyzed: 07/24/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

000021

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-18

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500808

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5914.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	6	J
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	140	
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	66	
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	10	
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	13	
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	1	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	2	J
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	23	
75-01-4	Vinyl chloride	1	J
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	22	
1330-20-7	Total Xylenes	4	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000020
Client No.

SI-17 4-8'DLRE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500804V

Sample wt/vol: 1.09 (g/mL) G Lab File ID: G7635.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 25.9 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	24.87	500	J
2.		UNKNOWN CYCLOALKANE	25.52	780	J
3.		UNKNOWN	26.93	910	J
4.		UNKNOWN BENZENE DERIVATIVE	27.72	520	J
5.		UNKNOWN BENZENE DERIVATIVE	29.12	380	J
6.		UNKNOWN BENZENE DERIVATIVE	29.73	670	J
7.		UNKNOWN BENZENE DERIVATIVE	29.90	720	J
8.		UNKNOWN BENZENE DERIVATIVE	30.70	520	J
9.		UNKNOWN BENZENE DERIVATIVE	30.80	990	J
10.		UNKNOWN BENZENE DERIVATIVE	31.67	680	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000027

Client No.

ST-19

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500809

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5916.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	4	J
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
75-00-3	Chloroethane	56	
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	24	
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
540-59-0	1,2-Dichloroethene (Total)	2	J
78-87-5	1,2-Dichloropropane	10	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	4	J
108-10-1	4-Methyl-2-pentanone	10	U
100-42-5	Styrene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	7	J
75-01-4	Vinyl chloride	10	U
71-43-2	Benzene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
108-88-3	Toluene	5	J
1330-20-7	Total Xylenes	10	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000026
Client No.

SI-18 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500807

Sample wt/vol: 5.16 (g/mL) G Lab File ID: G7569.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 46.1 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	24.88	14	J
2.		UNKNOWN CYCLOALKANE	25.53	18	J
3.	110-81-6	DIETHYL DISULFIDE	25.98	12	JN
4.		UNKNOWN	26.43	16	J
5.		UNKNOWN	26.93	23	J
6.		UNKNOWN ALKANE	27.55	17	J
7.		UNKNOWN ALKANE	28.13	21	J
8.		UNKNOWN ALKANE	28.63	16	J
9.		UNKNOWN BLEED	30.13	18	J
10.		UNKNOWN BENZENE DERIVATIVE	30.80	11	J

I T CORPORATION
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ANALYSIS DATA SHEET

000031

Client No.

ST-20

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500813

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5913.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	100	U
75-27-4	Bromodichloromethane	100	U
75-25-2	Bromoform	100	U
74-83-9	Bromomethane	100	U
78-93-3	2-Butanone	100	U
75-15-0	Carbon Disulfide	100	U
56-23-5	Carbon Tetrachloride	100	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	100	U
74-87-3	Chloromethane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
124-48-1	Dibromochloromethane	100	U
75-34-3	1,1-Dichloroethane	100	U
107-06-2	1,2-Dichloroethane	100	U
75-35-4	1,1-Dichloroethene	100	U
540-59-0	1,2-Dichloroethene (Total)	100	U
78-87-5	1,2-Dichloropropane	100	U
591-78-6	2-Hexanone	100	U
75-09-2	Methylene chloride	100	U
108-10-1	4-Methyl-2-pentanone	100	U
100-42-5	Styrene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
127-18-4	Tetrachloroethene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
71-55-6	1,1,1-Trichloroethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
79-01-6	Trichloroethene	100	U
75-01-4	Vinyl chloride	100	U
71-43-2	Benzene	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	100	U
108-88-3	Toluene	1400	
1330-20-7	Total Xylenes	100	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000030

Client No.

ST-19 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500810

Sample wt/vol: 5.06 (g/mL) G Lab File ID: G7551.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 19.3 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

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000012

Client No.

SI-1 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500601

Sample wt/vol: 5.07 (g/mL) G Lab File ID: G7566.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 31.7 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl chloride	3	J
75-00-3	Chloroethane	4	J
75-09-2	Methylene chloride	8	BJ
67-64-1	Acetone	27	
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	5	J
540-59-0	1,2-Dichloroethene (Total)	22	
67-66-3	Chloroform	5	BJ
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	6	J
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	1	BJ
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	31	
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
108-88-3	Toluene	11	J
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Total Xylenes	14	U

SOIL DATA

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-1 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500601

Sample wt/vol: 5.07 (g/mL) G Lab File ID: G7566.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 31.7 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN BLEED	30.10	10	J

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Client No.

SI-2 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500603

Sample wt/vol: 5.13 (g/mL) G Lab File ID: G7574.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 23.4 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene chloride	6	BJ
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (Total)	13	U
67-66-3	Chloroform	11	BJ
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	2	BJ
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	2	J
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	0.7	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-2 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500603

Sample wt/vol: 5.13 (g/mL) G Lab File ID: G7574.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 23.4 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	17.82	15	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000018

Client No.

SI-3 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500605

Sample wt/vol: 5.14 (g/mL) G Lab File ID: G7613.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 14.7 Heated Purge: Y Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	40	
75-09-2	Methylene chloride	7	BJ
67-64-1	Acetone	86	
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (Total)	11	U
67-66-3	Chloroform	2	BJ
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	22	
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	24	
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
108-88-3	Toluene	9	BJ
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	18	
100-42-5	Styrene	11	U
1330-20-7	Total Xylenes	34	

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-3 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500605

Sample wt/vol: 5.14 (g/mL) G Lab File ID: G7613.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 14.7 Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN BENZENE DERIVATIVE	26.92	320	J
2.		UNKNOWN BENZENE DERIVATIVE	27.35	190	J
3.		UNKNOWN ALKANE	29.33	180	J
4.		UNKNOWN BENZENE DERIVATIVE	29.72	250	J
5.		UNKNOWN CYCLOALKANE	30.55	310	J
6.		UNKNOWN ALKANE	30.92	170	J
7.		UNKNOWN BENZENE DERIVATIVE	31.65	340	J
8.		UNKNOWN ALKANE	31.80	210	J
9.		UNKNOWN ALKANE	32.72	170	J
10.		UNKNOWN	32.98	230	J

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Client No.

SI-4 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500607

Sample wt/vol: 5.18 (g/mL) G Lab File ID: G7573.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.1 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	64	
75-09-2	Methylene chloride	26	B
67-64-1	Acetone	460	E
75-15-0	Carbon Disulfide	15	
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	3	J
540-59-0	1,2-Dichloroethene (Total)	13	U
67-66-3	Chloroform	3	BJ
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	25	
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	0.6	BJ
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	6	J
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	97	
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	21	
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	3	J
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	9	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-4 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500607

Sample wt/vol: 5.18 (g/mL) G Lab File ID: G7573.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.1 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	6.45	24	J
2.	UNKNOWN CYCLOALKANE	13.02	64	J
3.	UNKNOWN	16.13	68	J
4.	UNKNOWN CYCLOALKANE	16.48	59	J
5.	UNKNOWN	17.92	1200	J
6.	UNKNOWN CYCLOALKANE	18.65	140	J
7.	UNKNOWN CYCLOALKANE	19.18	200	J
8.	UNKNOWN ALKANE	19.68	58	J
9.	UNKNOWN ALKANE	19.93	80	J

I T CORPORATION
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Client No.

SI-4 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500607DL

Sample wt/vol: 1.17 (g/mL) G Lab File ID: G7837.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.1 Heated Purge: Y Date Analyzed: 08/07/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	56	U
74-83-9	Bromomethane	56	U
75-01-4	Vinyl chloride	56	U
75-00-3	Chloroethane	56	U
75-09-2	Methylene chloride	62	BD
67-64-1	Acetone	580	D
75-15-0	Carbon Disulfide	17	DJ
75-35-4	1,1-Dichloroethene	56	U
75-34-3	1,1-Dichloroethane	56	U
540-59-0	1,2-Dichloroethene (Total)	56	U
67-66-3	Chloroform	56	U
107-06-2	1,2-Dichloroethane	56	U
78-93-3	2-Butanone	56	U
71-55-6	1,1,1-Trichloroethane	56	U
56-23-5	Carbon Tetrachloride	56	U
75-27-4	Bromodichloromethane	56	U
78-87-5	1,2-Dichloropropane	56	U
10061-01-5	cis-1,3-Dichloropropene	56	U
79-01-6	Trichloroethene	56	U
124-48-1	Dibromochloromethane	56	U
79-00-5	1,1,2-Trichloroethane	56	U
71-43-2	Benzene	56	U
10061-02-6	trans-1,3-Dichloropropene	56	U
75-25-2	Bromoform	56	U
108-10-1	4-Methyl-2-pentanone	91	D
591-78-6	2-Hexanone	56	U
127-18-4	Tetrachloroethene	56	U
108-88-3	Toluene	170	D
79-34-5	1,1,2,2-Tetrachloroethane	56	U
108-90-7	Chlorobenzene	56	U
100-41-4	Ethylbenzene	56	U
100-42-5	Styrene	56	U
1330-20-7	Total Xylenes	56	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SI-4 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500607DL

Sample wt/vol: 1.17 (g/mL) G Lab File ID: G7837.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.1 Date Analyzed: 08/07/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN CYCLOALKANE	18.13	210	J

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Client No.

SI-5 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500608

Sample wt/vol: 5.04 (g/mL) G Lab File ID: G7576.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 26.1 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	9	J
75-00-3	Chloroethane	49	
75-09-2	Methylene chloride	13	U
67-64-1	Acetone	71	
75-15-0	Carbon Disulfide	3	J
75-35-4	1,1-Dichloroethene	9	J
75-34-3	1,1-Dichloroethane	970	E
540-59-0	1,2-Dichloroethene (Total)	3	J
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	64	
71-55-6	1,1,1-Trichloroethane	530	E
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	0.7	J
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	60	
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	1300	E
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	310	E
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	630	

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-5 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500608

Sample wt/vol: 5.04 (g/mL) G Lab File ID: G7576.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 26.1 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	21.00	730	J
2.		UNKNOWN	29.18	510	J
3.		UNKNOWN	29.78	620	J
4.		UNKNOWN	29.93	580	J
5.		UNKNOWN	30.77	510	J
6.		UNKNOWN BENZENE DERIVATIVE	30.85	980	J
7.		UNKNOWN PAH	31.40	620	J
8.		UNKNOWN PAH	31.77	870	J
9.		UNKNOWN	32.43	490	J

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Client No.

SI-5 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500608DL

Sample wt/vol: 4.09 (g/mL) G Lab File ID: M6002.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 26.1 Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 8.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13000	U
74-83-9	Bromomethane	13000	U
75-01-4	Vinyl chloride	13000	U
75-00-3	Chloroethane	13000	U
75-09-2	Methylene chloride	3400	DJ
67-64-1	Acetone	13000	U
75-15-0	Carbon Disulfide	13000	U
75-35-4	1,1-Dichloroethene	13000	U
75-34-3	1,1-Dichloroethane	11000	DJ
540-59-0	1,2-Dichloroethene (Total)	13000	U
67-66-3	Chloroform	13000	U
107-06-2	1,2-Dichloroethane	13000	U
78-93-3	2-Butanone	13000	U
71-55-6	1,1,1-Trichloroethane	13000	U
56-23-5	Carbon Tetrachloride	13000	U
75-27-4	Bromodichloromethane	13000	U
78-87-5	1,2-Dichloropropane	13000	U
10061-01-5	cis-1,3-Dichloropropene	13000	U
79-01-6	Trichloroethene	13000	U
124-48-1	Dibromochloromethane	13000	U
79-00-5	1,1,2-Trichloroethane	13000	U
71-43-2	Benzene	13000	U
10061-02-6	trans-1,3-Dichloropropene	13000	U
75-25-2	Bromoform	13000	U
108-10-1	4-Methyl-2-pentanone	13000	U
591-78-6	2-Hexanone	13000	U
127-18-4	Tetrachloroethene	13000	U
108-88-3	Toluene	160000	D
79-34-5	1,1,2,2-Tetrachloroethane	13000	U
108-90-7	Chlorobenzene	13000	U
100-41-4	Ethylbenzene	13000	U
100-42-5	Styrene	13000	U
1330-20-7	Total Xylenes	2600	DJ

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No

SI-5 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500608DL

Sample wt/vol: 4.09 (g/mL) G Lab File ID: M6002.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 26.1 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 8.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN ALKANE	9.18	110000	J
2.		UNKNOWN ALKANE	9.77	240000	J
3.		UNKNOWN CYCLOALKANE	11.03	110000	J
4.		UNKNOWN ALKANE	13.30	250000	J
5.		UNKNOWN BENZENE DERIVATIVE	23.05	110000	J
6.		UNKNOWN BENZENE DERIVATIVE	23.72	140000	J
7.		UNKNOWN BENZENE DERIVATIVE	24.42	110000	J
8.		UNKNOWN BENZENE DERIVATIVE	24.52	170000	J
9.		UNKNOWN BENZENE DERIVATIVE	25.28	84000	J
10.		UNKNOWN PAH	25.35	86000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-5 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500609

Sample wt/vol: 4.14 (g/mL) G Lab File ID: M5955.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 29.1 Heated Purge: N Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	34000	U
74-83-9	Bromomethane	34000	U
75-01-4	Vinyl chloride	34000	U
75-00-3	Chloroethane	34000	U
75-09-2	Methylene chloride	34000	U
67-64-1	Acetone	34000	U
75-15-0	Carbon Disulfide	34000	U
75-35-4	1,1-Dichloroethene	34000	U
75-34-3	1,1-Dichloroethane	16000	J
540-59-0	1,2-Dichloroethene (Total)	34000	U
67-66-3	Chloroform	34000	U
107-06-2	1,2-Dichloroethane	34000	U
78-93-3	2-Butanone	34000	U
71-55-6	1,1,1-Trichloroethane	34000	U
56-23-5	Carbon Tetrachloride	34000	U
75-27-4	Bromodichloromethane	34000	U
78-87-5	1,2-Dichloropropane	34000	U
10061-01-5	cis-1,3-Dichloropropene	34000	U
79-01-6	Trichloroethene	34000	U
124-48-1	Dibromochloromethane	34000	U
79-00-5	1,1,2-Trichloroethane	34000	U
71-43-2	Benzene	34000	U
10061-02-6	trans-1,3-Dichloropropene	34000	U
75-25-2	Bromoform	34000	U
108-10-1	4-Methyl-2-pentanone	34000	U
591-78-6	2-Hexanone	34000	U
127-18-4	Tetrachloroethene	34000	U
108-88-3	Toluene	630000	
79-34-5	1,1,2,2-Tetrachloroethane	34000	U
108-90-7	Chlorobenzene	34000	U
100-41-4	Ethylbenzene	4600	J
100-42-5	Styrene	34000	U
1330-20-7	Total Xylenes	16000	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000035

Client No

SI-5 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500609

Sample wt/vol: 4.14 (g/mL) G Lab File ID: M5955.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 29.1 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN ALKANE	8.62	470000	J
2.		UNKNOWN ALKANE	9.17	650000	J
3.		UNKNOWN ALKANE	9.75	1200000	J
4.		UNKNOWN CYCLOALKANE	11.00	510000	J
5.		UNKNOWN ALKANE	12.17	310000	J
6.		UNKNOWN ALKANE	12.50	370000	J
7.		UNKNOWN ALKANE	13.28	1100000	J
8.		UNKNOWN CYCLOALKANE	14.35	1700000	J
9.		UNKNOWN BENZENE DERIVATIVE	23.72	350000	J
10.		UNKNOWN BENZENE DERIVATIVE	24.50	400000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-6 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500611

Sample wt/vol: 1.13 (g/mL) G Lab File ID: G7614.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.0 Heated Purge: Y Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	58	U
74-83-9	Bromomethane	58	U
75-01-4	Vinyl chloride	58	U
75-00-3	Chloroethane	23	J
75-09-2	Methylene chloride	58	U
67-64-1	Acetone	110	
75-15-0	Carbon Disulfide	58	U
75-35-4	1,1-Dichloroethene	58	U
75-34-3	1,1-Dichloroethane	26	J
540-59-0	1,2-Dichloroethene (Total)	58	U
67-66-3	Chloroform	58	U
107-06-2	1,2-Dichloroethane	58	U
78-93-3	2-Butanone	41	J
71-55-6	1,1,1-Trichloroethane	58	U
56-23-5	Carbon Tetrachloride	58	U
75-27-4	Bromodichloromethane	58	U
78-87-5	1,2-Dichloropropane	58	U
10061-01-5	cis-1,3-Dichloropropene	58	U
79-01-6	Trichloroethene	58	U
124-48-1	Dibromochloromethane	58	U
79-00-5	1,1,2-Trichloroethane	58	U
71-43-2	Benzene	94	
10061-02-6	trans-1,3-Dichloropropene	58	U
75-25-2	Bromoform	58	U
108-10-1	4-Methyl-2-pentanone	58	U
591-78-6	2-Hexanone	58	U
127-18-4	Tetrachloroethene	58	U
108-88-3	Toluene	2300	BE
79-34-5	1,1,2,2-Tetrachloroethane	58	U
108-90-7	Chlorobenzene	58	U
100-41-4	Ethylbenzene	1300	E
100-42-5	Styrene	58	U
1330-20-7	Total Xylenes	1100	

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000039

Client No.

SI-6 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500611

Sample wt/vol: 1.13 (g/mL) G Lab File ID: G7614.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.0 Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	29.12	1500	J
2.		UNKNOWN	29.73	2300	J
3.		UNKNOWN	29.90	2400	J
4.		UNKNOWN	30.15	1300	J
5.		UNKNOWN	30.70	1900	J
6.		UNKNOWN	30.82	2600	J
7.		UNKNOWN BENZENE DERIVATIVE	30.97	1500	J
8.		UNKNOWN PAH	31.37	1500	J
9.		UNKNOWN PAH	31.68	3200	J
10.		UNKNOWN BENZENE DERIVATIVE	32.40	1700	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-6 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500611DL

Sample wt/vol: 4.12 (g/mL) G Lab File ID: M6019.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.0 Heated Purge: N Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1600	U
74-83-9	Bromomethane	1600	U
75-01-4	Vinyl chloride	1600	U
75-00-3	Chloroethane	1600	U
75-09-2	Methylene chloride	1600	U
67-64-1	Acetone	690	DJ
75-15-0	Carbon Disulfide	1600	U
75-35-4	1,1-Dichloroethene	1600	U
75-34-3	1,1-Dichloroethane	1600	U
540-59-0	1,2-Dichloroethene (Total)	1600	U
67-66-3	Chloroform	1600	U
107-06-2	1,2-Dichloroethane	1600	U
78-93-3	2-Butanone	1600	U
71-55-6	1,1,1-Trichloroethane	1600	U
56-23-5	Carbon Tetrachloride	1600	U
75-27-4	Bromodichloromethane	1600	U
78-87-5	1,2-Dichloropropane	1600	U
10061-01-5	cis-1,3-Dichloropropene	1600	U
79-01-6	Trichloroethene	1600	U
124-48-1	Dibromochloromethane	1600	U
79-00-5	1,1,2-Trichloroethane	1600	U
71-43-2	Benzene	510	DJ
10061-02-6	trans-1,3-Dichloropropene	1600	U
75-25-2	Bromoform	1600	U
108-10-1	4-Methyl-2-pentanone	1600	U
591-78-6	2-Hexanone	1600	U
127-18-4	Tetrachloroethene	1600	U
108-88-3	Toluene	52000	DE
79-34-5	1,1,2,2-Tetrachloroethane	1600	U
108-90-7	Chlorobenzene	1600	U
100-41-4	Ethylbenzene	3400	D
100-42-5	Styrene	1600	U
1330-20-7	Total Xylenes	14000	D

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-6 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500611DL

Sample wt/vol: 4.12 (g/mL) G Lab File ID: M6019.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.0 Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN ALKANE	9.17	210000	J
2.		UNKNOWN ALKANE	11.02	370000	J
3.		UNKNOWN ALKANE	14.37	270000	J
4.		UNKNOWN BENZENE DERIVATIVE	22.97	120000	J
5.		UNKNOWN BENZENE DERIVATIVE	23.05	170000	J
6.		UNKNOWN BENZENE DERIVATIVE	23.73	230000	J
7.		UNKNOWN BENZENE DERIVATIVE	24.43	200000	J
8.		UNKNOWN BENZENE DERIVATIVE	24.53	230000	J
9.		UNKNOWN BENZENE DERIVATIVE	25.30	200000	J
10.		UNKNOWN PAH	25.37	160000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000042

Client No.

SI-6 0-4' DL2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500611D2

Sample wt/vol: 4.12 (g/mL) G Lab File ID: M6037.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.0 Heated Purge: N Date Analyzed: 07/29/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	6400	U
74-83-9	Bromomethane	6400	U
75-01-4	Vinyl chloride	6400	U
75-00-3	Chloroethane	770	DJ
75-09-2	Methylene chloride	6400	U
67-64-1	Acetone	6400	U
75-15-0	Carbon Disulfide	6400	U
75-35-4	1,1-Dichloroethene	6400	U
75-34-3	1,1-Dichloroethane	6400	U
540-59-0	1,2-Dichloroethene (Total)	6400	U
67-66-3	Chloroform	6400	U
107-06-2	1,2-Dichloroethane	6400	U
78-93-3	2-Butanone	6400	U
71-55-6	1,1,1-Trichloroethane	6400	U
56-23-5	Carbon Tetrachloride	6400	U
75-27-4	Bromodichloromethane	6400	U
78-87-5	1,2-Dichloropropane	6400	U
10061-01-5	cis-1,3-Dichloropropene	6400	U
79-01-6	Trichloroethene	6400	U
124-48-1	Dibromochloromethane	6400	U
79-00-5	1,1,2-Trichloroethane	6400	U
71-43-2	Benzene	6400	U
10061-02-6	trans-1,3-Dichloropropene	6400	U
75-25-2	Bromoform	6400	U
108-10-1	4-Methyl-2-pentanone	6400	U
591-78-6	2-Hexanone	6400	U
127-18-4	Tetrachloroethene	6400	U
108-88-3	Toluene	95000	D
79-34-5	1,1,2,2-Tetrachloroethane	6400	U
108-90-7	Chlorobenzene	6400	U
100-41-4	Ethylbenzene	3300	DJ
100-42-5	Styrene	6400	U
1330-20-7	Total Xylenes	15000	D

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-6 0-4' DL2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500611D2

Sample wt/vol: 4.12 (g/mL) G Lab File ID: M6037.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.0 Date Analyzed: 07/29/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN ALKANE	9.18	260000	J
2.		UNKNOWN ALKANE	11.03	440000	J
3.		UNKNOWN ALKANE	14.37	300000	J
4.		UNKNOWN BENZENE DERIVATIVE	23.07	200000	J
5.		UNKNOWN BENZENE DERIVATIVE	23.55	120000	J
6.		UNKNOWN BENZENE DERIVATIVE	23.73	260000	J
7.		UNKNOWN BENZENE DERIVATIVE	24.43	210000	J
8.		UNKNOWN BENZENE DERIVATIVE	24.53	300000	J
9.		UNKNOWN BENZENE DERIVATIVE	25.30	200000	J
10.		UNKNOWN PAH	25.37	190000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000044

Client No.

SI-6 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500612

Sample wt/vol: 5.20 (g/mL) G Lab File ID: G7580.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.2 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	16	
75-09-2	Methylene chloride	13	U
67-64-1	Acetone	73	
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	12	J
540-59-0	1,2-Dichloroethene (Total)	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	73	
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	45	
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	310	E
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	360	E
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	300	

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000045

Client No.

SI-6 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500612

Sample wt/vol: 5.20 (g/mL) G Lab File ID: G7580.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.2 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	9.78	730	J
2.	UNKNOWN	12.52	340	J
3.	UNKNOWN CYCLOALKANE	13.18	1300	J
4.	UNKNOWN CYCLOALKANE	15.15	600	J
5.	UNKNOWN CYCLOALKANE	18.33	820	J
6.	UNKNOWN BENZENE DERIVATIVE	29.77	380	J
7.	UNKNOWN	29.93	350	J
8.	UNKNOWN	30.85	670	J
9.	UNKNOWN PAH	31.38	330	J
10.	UNKNOWN PAH	31.72	410	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000046

Client No.

SI-6 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500612DL

Sample wt/vol: 4.10 (g/mL) G Lab File ID: M6020.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.2 Heated Purge: N Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1600	U
74-83-9	Bromomethane	1600	U
75-01-4	Vinyl chloride	1600	U
75-00-3	Chloroethane	1600	U
75-09-2	Methylene chloride	1600	U
67-64-1	Acetone	420	DJ
75-15-0	Carbon Disulfide	1600	U
75-35-4	1,1-Dichloroethene	1600	U
75-34-3	1,1-Dichloroethane	1600	U
540-59-0	1,2-Dichloroethene (Total)	1600	U
67-66-3	Chloroform	1600	U
107-06-2	1,2-Dichloroethane	1600	U
78-93-3	2-Butanone	1600	U
71-55-6	1,1,1-Trichloroethane	1600	U
56-23-5	Carbon Tetrachloride	1600	U
75-27-4	Bromodichloromethane	1600	U
78-87-5	1,2-Dichloropropane	1600	U
10061-01-5	cis-1,3-Dichloropropene	1600	U
79-01-6	Trichloroethene	1600	U
124-48-1	Dibromochloromethane	1600	U
79-00-5	1,1,2-Trichloroethane	1600	U
71-43-2	Benzene	410	DJ
10061-02-6	trans-1,3-Dichloropropene	1600	U
75-25-2	Bromoform	1600	U
108-10-1	4-Methyl-2-pentanone	1600	U
591-78-6	2-Hexanone	1600	U
127-18-4	Tetrachloroethene	1600	U
108-88-3	Toluene	19000	D
79-34-5	1,1,2,2-Tetrachloroethane	1600	U
108-90-7	Chlorobenzene	1600	U
100-41-4	Ethylbenzene	1100	DJ
100-42-5	Styrene	1600	U
1330-20-7	Total Xylenes	7600	D

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client N

SI-6 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500612DL

Sample wt/vol: 4.10 (g/mL) G Lab File ID: M6020.RR

Level: (low/med) MED Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. 24.2 Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN ALKANE	9.17	160000	J
2.		UNKNOWN ALKANE	11.02	270000	J
3.		UNKNOWN ALKANE	12.30	81000	J
4.		UNKNOWN ALKANE	14.37	180000	J
5.		UNKNOWN BENZENE DERIVATIVE	23.05	96000	J
6.		UNKNOWN BENZENE DERIVATIVE	23.72	110000	J
7.		UNKNOWN BENZENE DERIVATIVE	24.42	96000	J
8.		UNKNOWN BENZENE DERIVATIVE	24.52	120000	J
9.		UNKNOWN BENZENE DERIVATIVE	25.28	88000	J
10.		UNKNOWN PAH	25.35	82000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-7 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500613

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M5956.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 27.4 Heated Purge: N Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	83000	U
74-83-9	Bromomethane	83000	U
75-01-4	Vinyl chloride	83000	U
75-00-3	Chloroethane	83000	U
75-09-2	Methylene chloride	83000	U
67-64-1	Acetone	83000	U
75-15-0	Carbon Disulfide	83000	U
75-35-4	1,1-Dichloroethene	83000	U
75-34-3	1,1-Dichloroethane	83000	U
540-59-0	1,2-Dichloroethene (Total)	83000	U
67-66-3	Chloroform	83000	U
107-06-2	1,2-Dichloroethane	83000	U
78-93-3	2-Butanone	83000	U
71-55-6	1,1,1-Trichloroethane	83000	U
56-23-5	Carbon Tetrachloride	83000	U
75-27-4	Bromodichloromethane	83000	U
78-87-5	1,2-Dichloropropane	83000	U
10061-01-5	cis-1,3-Dichloropropene	83000	U
79-01-6	Trichloroethene	83000	U
124-48-1	Dibromochloromethane	83000	U
79-00-5	1,1,2-Trichloroethane	83000	U
71-43-2	Benzene	83000	U
10061-02-6	trans-1,3-Dichloropropene	83000	U
75-25-2	Bromoform	83000	U
108-10-1	4-Methyl-2-pentanone	83000	U
591-78-6	2-Hexanone	83000	U
127-18-4	Tetrachloroethene	83000	U
108-88-3	Toluene	7100000	E
79-34-5	1,1,2,2-Tetrachloroethane	83000	U
108-90-7	Chlorobenzene	83000	U
100-41-4	Ethylbenzene	83000	U
100-42-5	Styrene	83000	U
1330-20-7	Total Xylenes	83000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-7 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500613

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M5956.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 27.4 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN BENZENE DERIVATIVE	23.72	120000	J
2.	UNKNOWN BENZENE DERIVATIVE	24.40	87000	J
3.	UNKNOWN BENZENE DERIVATIVE	24.50	160000	J
4.	UNKNOWN BENZENE DERIVATIVE	25.28	84000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-7 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500613DL

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M6003.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 27.4 Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 400.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	670000	U
74-83-9	Bromomethane	670000	U
75-01-4	Vinyl chloride	670000	U
75-00-3	Chloroethane	670000	U
75-09-2	Methylene chloride	670000	U
67-64-1	Acetone	670000	U
75-15-0	Carbon Disulfide	670000	U
75-35-4	1,1-Dichloroethene	670000	U
75-34-3	1,1-Dichloroethane	670000	U
540-59-0	1,2-Dichloroethene (Total)	670000	U
67-66-3	Chloroform	670000	U
107-06-2	1,2-Dichloroethane	670000	U
78-93-3	2-Butanone	670000	U
71-55-6	1,1,1-Trichloroethane	670000	U
56-23-5	Carbon Tetrachloride	670000	U
75-27-4	Bromodichloromethane	670000	U
78-87-5	1,2-Dichloropropane	670000	U
10061-01-5	cis-1,3-Dichloropropene	670000	U
79-01-6	Trichloroethene	670000	U
124-48-1	Dibromochloromethane	670000	U
79-00-5	1,1,2-Trichloroethane	670000	U
71-43-2	Benzene	670000	U
10061-02-6	trans-1,3-Dichloropropene	670000	U
75-25-2	Bromoform	670000	U
108-10-1	4-Methyl-2-pentanone	670000	U
591-78-6	2-Hexanone	670000	U
127-18-4	Tetrachloroethene	670000	U
108-88-3	Toluene	8700000	D
79-34-5	1,1,2,2-Tetrachloroethane	670000	U
108-90-7	Chlorobenzene	670000	U
100-41-4	Ethylbenzene	670000	U
100-42-5	Styrene	670000	U
1330-20-7	Total Xylenes	670000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-7 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500613DL

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M6003.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 27.4 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 400.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-7 0-4' DLRE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500613V

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M6018.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 27.4 Heated Purge: N Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 400.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	670000	U
74-83-9	Bromomethane	670000	U
75-01-4	Vinyl chloride	670000	U
75-00-3	Chloroethane	670000	U
75-09-2	Methylene chloride	670000	U
67-64-1	Acetone	670000	U
75-15-0	Carbon Disulfide	670000	U
75-35-4	1,1-Dichloroethene	670000	U
75-34-3	1,1-Dichloroethane	670000	U
540-59-0	1,2-Dichloroethene (Total)	670000	U
67-66-3	Chloroform	670000	U
107-06-2	1,2-Dichloroethane	670000	U
78-93-3	2-Butanone	670000	U
71-55-6	1,1,1-Trichloroethane	670000	U
56-23-5	Carbon Tetrachloride	670000	U
75-27-4	Bromodichloromethane	670000	U
78-87-5	1,2-Dichloropropane	670000	U
10061-01-5	cis-1,3-Dichloropropene	670000	U
79-01-6	Trichloroethene	670000	U
124-48-1	Dibromochloromethane	670000	U
79-00-5	1,1,2-Trichloroethane	670000	U
71-43-2	Benzene	670000	U
10061-02-6	trans-1,3-Dichloropropene	670000	U
75-25-2	Bromoform	670000	U
108-10-1	4-Methyl-2-pentanone	670000	U
591-78-6	2-Hexanone	670000	U
127-18-4	Tetrachloroethene	670000	U
108-88-3	Toluene	11000000	D
79-34-5	1,1,2,2-Tetrachloroethane	670000	U
108-90-7	Chlorobenzene	670000	U
100-41-4	Ethylbenzene	670000	U
100-42-5	Styrene	670000	U
1330-20-7	Total Xylenes	670000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-7 0-4' DLRE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500613V

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M6018.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 27.4 Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 400.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.: SI-7 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500614

Sample wt/vol: 5.01 (g/mL) G Lab File ID: G7625.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 37.7 Heated Purge: Y Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16	U
74-83-9	Bromomethane	16	U
75-01-4	Vinyl chloride	16	U
75-00-3	Chloroethane	130	
75-09-2	Methylene chloride	8	BJ
67-64-1	Acetone	120	
75-15-0	Carbon Disulfide	16	U
75-35-4	1,1-Dichloroethene	16	U
75-34-3	1,1-Dichloroethane	16	U
540-59-0	1,2-Dichloroethene (Total)	16	U
67-66-3	Chloroform	4	BJ
107-06-2	1,2-Dichloroethane	16	U
78-93-3	2-Butanone	41	
71-55-6	1,1,1-Trichloroethane	16	U
56-23-5	Carbon Tetrachloride	16	U
75-27-4	Bromodichloromethane	16	U
78-87-5	1,2-Dichloropropane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
79-01-6	Trichloroethene	16	U
124-48-1	Dibromochloromethane	16	U
79-00-5	1,1,2-Trichloroethane	16	U
71-43-2	Benzene	87	
10061-02-6	trans-1,3-Dichloropropene	16	U
75-25-2	Bromoform	16	U
108-10-1	4-Methyl-2-pentanone	16	U
591-78-6	2-Hexanone	16	U
127-18-4	Tetrachloroethene	16	U
108-88-3	Toluene	2400	BE
79-34-5	1,1,2,2-Tetrachloroethane	16	U
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	120	
100-42-5	Styrene	16	U
1330-20-7	Total Xylenes	740	

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-7 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500614

Sample wt/vol: 5.01 (g/mL) G Lab File ID: G7625.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 37.7 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	13.07	80	J
2.		UNKNOWN BENZENE DERIVATIVE	29.02	80	J
3.		UNKNOWN BENZENE DERIVATIVE	29.15	77	J
4.		UNKNOWN BENZENE DERIVATIVE	29.75	88	J
5.		UNKNOWN BENZENE DERIVATIVE	29.92	130	J
6.		UNKNOWN BENZENE DERIVATIVE	30.72	83	J
7.		UNKNOWN BENZENE DERIVATIVE	30.82	160	J
8.		UNKNOWN BENZENE DERIVATIVE	31.68	130	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-7 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500614DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: M6066.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 37.7 Heated Purge: N Date Analyzed: 08/02/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2000	U
74-83-9	Bromomethane	2000	U
75-01-4	Vinyl chloride	2000	U
75-00-3	Chloroethane	960	DJ
75-09-2	Methylene chloride	360	DJ
67-64-1	Acetone	2000	U
75-15-0	Carbon Disulfide	2000	U
75-35-4	1,1-Dichloroethene	2000	U
75-34-3	1,1-Dichloroethane	2000	U
540-59-0	1,2-Dichloroethene (Total)	2000	U
67-66-3	Chloroform	2000	U
107-06-2	1,2-Dichloroethane	2000	U
78-93-3	2-Butanone	2000	U
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon Tetrachloride	2000	U
75-27-4	Bromodichloromethane	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
79-01-6	Trichloroethene	2000	U
124-48-1	Dibromochloromethane	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
71-43-2	Benzene	2000	U
10061-02-6	trans-1,3-Dichloropropene	2000	U
75-25-2	Bromoform	2000	U
108-10-1	4-Methyl-2-pentanone	2000	U
591-78-6	2-Hexanone	2000	U
127-18-4	Tetrachloroethene	2000	U
108-88-3	Toluene	35000	D
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	Ethylbenzene	820	DJ
100-42-5	Styrene	2000	U
1330-20-7	Total Xylenes	16000	D

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000059

Client No

SI-7 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500614DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: M6066.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 37.7 Date Analyzed: 08/02/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	5.25	12000	J
2.		UNKNOWN ALKANE	8.57	3000	J
3.		UNKNOWN ALKANE	9.12	3600	J
4.		UNKNOWN ALKANE	9.70	5100	J
5.		UNKNOWN CYCLOALKANE	10.97	7200	J
6.		UNKNOWN BENZENE DERIVATIVE	23.03	1800	J
7.		UNKNOWN BENZENE DERIVATIVE	23.70	2600	J
8.		UNKNOWN BENZENE DERIVATIVE	24.40	1900	J
9.		UNKNOWN BENZENE DERIVATIVE	24.50	3800	J
10.		UNKNOWN PAH	25.33	1600	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-8 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500617

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M5957.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.6 Heated Purge: N Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	85000	U
74-83-9	Bromomethane	85000	U
75-01-4	Vinyl chloride	85000	U
75-00-3	Chloroethane	85000	U
75-09-2	Methylene chloride	85000	U
67-64-1	Acetone	85000	U
75-15-0	Carbon Disulfide	85000	U
75-35-4	1,1-Dichloroethene	85000	U
75-34-3	1,1-Dichloroethane	85000	U
540-59-0	1,2-Dichloroethene (Total)	85000	U
67-66-3	Chloroform	85000	U
107-06-2	1,2-Dichloroethane	85000	U
78-93-3	2-Butanone	85000	U
71-55-6	1,1,1-Trichloroethane	12000	J
56-23-5	Carbon Tetrachloride	85000	U
75-27-4	Bromodichloromethane	85000	U
78-87-5	1,2-Dichloropropane	85000	U
10061-01-5	cis-1,3-Dichloropropene	85000	U
79-01-6	Trichloroethene	85000	U
124-48-1	Dibromochloromethane	85000	U
79-00-5	1,1,2-Trichloroethane	85000	U
71-43-2	Benzene	85000	U
10061-02-6	trans-1,3-Dichloropropene	85000	U
75-25-2	Bromoform	85000	U
108-10-1	4-Methyl-2-pentanone	85000	U
591-78-6	2-Hexanone	85000	U
127-18-4	Tetrachloroethene	85000	U
108-88-3	Toluene	4100000	E
79-34-5	1,1,2,2-Tetrachloroethane	85000	U
108-90-7	Chlorobenzene	85000	U
100-41-4	Ethylbenzene	14000	J
100-42-5	Styrene	85000	U
1330-20-7	Total Xylenes	79000	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No

SI-8 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500617

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M5957.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.6 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000064

Client No.

SI-8 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500617DL

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M6004.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.6 Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 250.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	420000	U
74-83-9	Bromomethane	420000	U
75-01-4	Vinyl chloride	420000	U
75-00-3	Chloroethane	420000	U
75-09-2	Methylene chloride	420000	U
67-64-1	Acetone	420000	U
75-15-0	Carbon Disulfide	420000	U
75-35-4	1,1-Dichloroethene	420000	U
75-34-3	1,1-Dichloroethane	420000	U
540-59-0	1,2-Dichloroethene (Total)	420000	U
67-66-3	Chloroform	420000	U
107-06-2	1,2-Dichloroethane	420000	U
78-93-3	2-Butanone	420000	U
71-55-6	1,1,1-Trichloroethane	420000	U
56-23-5	Carbon Tetrachloride	420000	U
75-27-4	Bromodichloromethane	420000	U
78-87-5	1,2-Dichloropropane	420000	U
10061-01-5	cis-1,3-Dichloropropene	420000	U
79-01-6	Trichloroethene	420000	U
124-48-1	Dibromochloromethane	420000	U
79-00-5	1,1,2-Trichloroethane	420000	U
71-43-2	Benzene	420000	U
10061-02-6	trans-1,3-Dichloropropene	420000	U
75-25-2	Bromoform	420000	U
108-10-1	4-Methyl-2-pentanone	420000	U
591-78-6	2-Hexanone	420000	U
127-18-4	Tetrachloroethene	420000	U
108-88-3	Toluene	6000000	D
79-34-5	1,1,2,2-Tetrachloroethane	420000	U
108-90-7	Chlorobenzene	420000	U
100-41-4	Ethylbenzene	420000	U
100-42-5	Styrene	420000	U
1330-20-7	Total Xylenes	420000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SI-8 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500617DL

Sample wt/vol: 4.13 (g/mL) G Lab File ID: M6004.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.6 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 250.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-8 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500618

Sample wt/vol: 4.05 (g/mL) G Lab File ID: M5958.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 35.2 Heated Purge: N Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	190000	U
74-83-9	Bromomethane	190000	U
75-01-4	Vinyl chloride	190000	U
75-00-3	Chloroethane	190000	U
75-09-2	Methylene chloride	190000	U
67-64-1	Acetone	190000	U
75-15-0	Carbon Disulfide	190000	U
75-35-4	1,1-Dichloroethene	190000	U
75-34-3	1,1-Dichloroethane	190000	U
540-59-0	1,2-Dichloroethene (Total)	190000	U
67-66-3	Chloroform	190000	U
107-06-2	1,2-Dichloroethane	190000	U
78-93-3	2-Butanone	190000	U
71-55-6	1,1,1-Trichloroethane	31000	J
56-23-5	Carbon Tetrachloride	190000	U
75-27-4	Bromodichloromethane	190000	U
78-87-5	1,2-Dichloropropane	190000	U
10061-01-5	cis-1,3-Dichloropropene	190000	U
79-01-6	Trichloroethene	190000	U
124-48-1	Dibromochloromethane	190000	U
79-00-5	1,1,2-Trichloroethane	190000	U
71-43-2	Benzene	190000	U
10061-02-6	trans-1,3-Dichloropropene	190000	U
75-25-2	Bromoform	190000	U
108-10-1	4-Methyl-2-pentanone	190000	U
591-78-6	2-Hexanone	190000	U
127-18-4	Tetrachloroethene	190000	U
108-88-3	Toluene	8100000	E
79-34-5	1,1,2,2-Tetrachloroethane	190000	U
108-90-7	Chlorobenzene	190000	U
100-41-4	Ethylbenzene	190000	U
100-42-5	Styrene	190000	U
1330-20-7	Total Xylenes	99000	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000067

Client No.

SI-8 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500618

Sample wt/vol: 4.05 (g/mL) G Lab File ID: M5958.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 35.2 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-8 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500618DL

Sample wt/vol: 4.05 (g/mL) G Lab File ID: M6005.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 35.2 Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 400.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	760000	U
74-83-9	Bromomethane	760000	U
75-01-4	Vinyl chloride	760000	U
75-00-3	Chloroethane	760000	U
75-09-2	Methylene chloride	760000	U
67-64-1	Acetone	760000	U
75-15-0	Carbon Disulfide	760000	U
75-35-4	1,1-Dichloroethene	760000	U
75-34-3	1,1-Dichloroethane	760000	U
540-59-0	1,2-Dichloroethene (Total)	760000	U
67-66-3	Chloroform	760000	U
107-06-2	1,2-Dichloroethane	760000	U
78-93-3	2-Butanone	760000	U
71-55-6	1,1,1-Trichloroethane	760000	U
56-23-5	Carbon Tetrachloride	760000	U
75-27-4	Bromodichloromethane	760000	U
78-87-5	1,2-Dichloropropane	760000	U
10061-01-5	cis-1,3-Dichloropropene	760000	U
79-01-6	Trichloroethene	760000	U
124-48-1	Dibromochloromethane	760000	U
79-00-5	1,1,2-Trichloroethane	760000	U
71-43-2	Benzene	760000	U
10061-02-6	trans-1,3-Dichloropropene	760000	U
75-25-2	Bromoform	760000	U
108-10-1	4-Methyl-2-pentanone	760000	U
591-78-6	2-Hexanone	760000	U
127-18-4	Tetrachloroethene	760000	U
108-88-3	Toluene	10000000	D
79-34-5	1,1,2,2-Tetrachloroethane	760000	U
108-90-7	Chlorobenzene	760000	U
100-41-4	Ethylbenzene	760000	U
100-42-5	Styrene	760000	U
1330-20-7	Total Xylenes	760000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-8 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500618DL

Sample wt/vol: 4.05 (g/mL) G Lab File ID: M6005.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 35.2 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 400.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000070

Client No.

SI-9 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500620

Sample wt/vol: 5.09 (g/mL) G Lab File ID: G7616.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 24.6 Heated Purge: Y Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	6	J
75-09-2	Methylene chloride	18	B
67-64-1	Acetone	130	
75-15-0	Carbon Disulfide	12	J
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	37	
540-59-0	1,2-Dichloroethene (Total)	13	U
67-66-3	Chloroform	16	B
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	39	
71-55-6	1,1,1-Trichloroethane	3	J
56-23-5	Carbon Tetrachloride	3	J
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	4	J
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	10	J
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	1600	BE
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	2	J
100-41-4	Ethylbenzene	590	E
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	1400	E

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000071

Client No

SI-9 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500620

Sample wt/vol: 5.09 (g/mL) G Lab File ID: G7616.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 24.6 Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN BENZENE DERIVATIVE	29.02	150	J
2.		UNKNOWN BENZENE DERIVATIVE	29.15	170	J
3.		UNKNOWN BENZENE DERIVATIVE	29.77	200	J
4.		UNKNOWN BENZENE DERIVATIVE	29.95	200	J
5.		UNKNOWN	30.18	130	J
6.		UNKNOWN	30.75	150	J
7.		UNKNOWN	30.87	260	J
8.		UNKNOWN PAH	31.38	150	J
9.		UNKNOWN	31.72	240	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000072

Client No.

SI-9 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500620DL

Sample wt/vol: 4.04 (g/mL) G Lab File ID: M6021.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 24.6 Heated Purge: N Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1600	U
74-83-9	Bromomethane	1600	U
75-01-4	Vinyl chloride	1600	U
75-00-3	Chloroethane	1600	U
75-09-2	Methylene chloride	1600	U
67-64-1	Acetone	1600	U
75-15-0	Carbon Disulfide	1600	U
75-35-4	1,1-Dichloroethene	1600	U
75-34-3	1,1-Dichloroethane	1600	U
540-59-0	1,2-Dichloroethene (Total)	1600	U
67-66-3	Chloroform	1600	U
107-06-2	1,2-Dichloroethane	1600	U
78-93-3	2-Butanone	1600	U
71-55-6	1,1,1-Trichloroethane	1600	U
56-23-5	Carbon Tetrachloride	1600	U
75-27-4	Bromodichloromethane	1600	U
78-87-5	1,2-Dichloropropane	1600	U
10061-01-5	cis-1,3-Dichloropropene	1600	U
79-01-6	Trichloroethene	1600	U
124-48-1	Dibromochloromethane	1600	U
79-00-5	1,1,2-Trichloroethane	1600	U
71-43-2	Benzene	1600	U
10061-02-6	trans-1,3-Dichloropropene	1600	U
75-25-2	Bromoform	1600	U
108-10-1	4-Methyl-2-pentanone	1600	U
591-78-6	2-Hexanone	1600	U
127-18-4	Tetrachloroethene	1600	U
108-88-3	Toluene	44000	DE
79-34-5	1,1,2,2-Tetrachloroethane	1600	U
108-90-7	Chlorobenzene	1600	U
100-41-4	Ethylbenzene	1700	D
100-42-5	Styrene	1600	U
1330-20-7	Total Xylenes	8400	D

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000073

Client No.: SI-9 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500620DL

Sample wt/vol: 4.04 (g/mL) G Lab File ID: M6021.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 24.6 Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN BENZENE DERIVATIVE	23.05	18000	J
2.		UNKNOWN BENZENE DERIVATIVE	23.55	13000	J
3.		UNKNOWN BENZENE DERIVATIVE	23.60	11000	J
4.		UNKNOWN BENZENE DERIVATIVE	23.73	23000	J
5.		UNKNOWN BENZENE DERIVATIVE	23.97	9400	J
6.		UNKNOWN BENZENE DERIVATIVE	24.42	19000	J
7.		UNKNOWN BENZENE DERIVATIVE	24.52	26000	J
8.		UNKNOWN PAH	25.05	13000	J
9.		UNKNOWN BENZENE DERIVATIVE	25.28	17000	J
10.		UNKNOWN PAH	25.35	15000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-9 0-4' DL2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500620D2

Sample wt/vol: 4.04 (g/mL) G Lab File ID: M6039.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 24.6 Heated Purge: N Date Analyzed: 07/29/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	160000	U
74-83-9	Bromomethane	160000	U
75-01-4	Vinyl chloride	160000	U
75-00-3	Chloroethane	160000	U
75-09-2	Methylene chloride	160000	U
67-64-1	Acetone	160000	U
75-15-0	Carbon Disulfide	160000	U
75-35-4	1,1-Dichloroethene	160000	U
75-34-3	1,1-Dichloroethane	160000	U
540-59-0	1,2-Dichloroethene (Total)	160000	U
67-66-3	Chloroform	160000	U
107-06-2	1,2-Dichloroethane	160000	U
78-93-3	2-Butanone	160000	U
71-55-6	1,1,1-Trichloroethane	160000	U
56-23-5	Carbon Tetrachloride	160000	U
75-27-4	Bromodichloromethane	160000	U
78-87-5	1,2-Dichloropropane	160000	U
10061-01-5	cis-1,3-Dichloropropene	160000	U
79-01-6	Trichloroethene	160000	U
124-48-1	Dibromochloromethane	160000	U
79-00-5	1,1,2-Trichloroethane	160000	U
71-43-2	Benzene	160000	U
10061-02-6	trans-1,3-Dichloropropene	160000	U
75-25-2	Bromoform	160000	U
108-10-1	4-Methyl-2-pentanone	160000	U
591-78-6	2-Hexanone	160000	U
127-18-4	Tetrachloroethene	160000	U
108-88-3	Toluene	340000	D
79-34-5	1,1,2,2-Tetrachloroethane	160000	U
108-90-7	Chlorobenzene	160000	U
100-41-4	Ethylbenzene	160000	U
100-42-5	Styrene	160000	U
1330-20-7	Total Xylenes	160000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-9 0-4' DL2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI1

Matrix: (soil/water) SOIL Lab Sample ID: A0500620D2

Sample wt/vol: 4.04 (g/mL) G Lab File ID: M6039.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 24.6 Date Analyzed: 07/29/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	5.12	190000	J
2.		UNKNOWN BENZENE DERIVATIVE	23.53	340000	J
3.		UNKNOWN BENZENE DERIVATIVE	24.42	200000	J
4.		UNKNOWN BENZENE DERIVATIVE	24.50	220000	J
5.		UNKNOWN	24.98	310000	J
6.		UNKNOWN BENZENE DERIVATIVE	25.28	320000	J
7.		UNKNOWN BENZENE DERIVATIVE	25.90	260000	J
8.		UNKNOWN BENZENE DERIVATIVE	26.15	230000	J
9.	91-20-3	NAPHTHALENE	26.63	190000	JN
10.		UNKNOWN PAH	27.28	310000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000021

Client No.

SI-9 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500701

Sample wt/vol: 5.11 (g/mL) G Lab File ID: G7619.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 36.2 Heated Purge: Y Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	15	U
74-83-9	Bromomethane	15	U
75-01-4	Vinyl chloride	15	U
75-00-3	Chloroethane	320	E
75-09-2	Methylene chloride	9	BJ
67-64-1	Acetone	120	
75-15-0	Carbon Disulfide	15	U
75-35-4	1,1-Dichloroethene	15	U
75-34-3	1,1-Dichloroethane	30	
540-59-0	1,2-Dichloroethene (Total)	15	U
67-66-3	Chloroform	4	BJ
107-06-2	1,2-Dichloroethane	15	U
78-93-3	2-Butanone	15	U
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
75-27-4	Bromodichloromethane	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
79-01-6	Trichloroethene	15	U
124-48-1	Dibromochloromethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
71-43-2	Benzene	5	J
10061-02-6	trans-1,3-Dichloropropene	15	U
75-25-2	Bromoform	15	U
108-10-1	4-Methyl-2-pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	15	U
108-88-3	Toluene	1400	BE
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	360	E
100-42-5	Styrene	15	U
1330-20-7	Total Xylenes	970	E

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-9 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500701

Sample wt/vol: 5.11 (g/mL) G Lab File ID: G7619.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 36.2 Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	13.03	77	J
2.		UNKNOWN BENZENE DERIVATIVE	29.00	94	J
3.		UNKNOWN BENZENE DERIVATIVE	29.12	110	J
4.		UNKNOWN BENZENE DERIVATIVE	29.73	120	J
5.		UNKNOWN BENZENE DERIVATIVE	29.90	130	J
6.		UNKNOWN BENZENE DERIVATIVE	30.70	71	J
7.		UNKNOWN	30.82	140	J
8.		UNKNOWN PAH	31.37	86	J
9.		UNKNOWN BENZENE DERIVATIVE	31.68	170	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-9 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500701DL

Sample wt/vol: 4.11 (g/mL) G Lab File ID: M6022.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 36.2 Heated Purge: N Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1900	U
74-83-9	Bromomethane	1900	U
75-01-4	Vinyl chloride	1900	U
75-00-3	Chloroethane	2700	D
75-09-2	Methylene chloride	1900	U
67-64-1	Acetone	430	DJ
75-15-0	Carbon Disulfide	1900	U
75-35-4	1,1-Dichloroethene	1900	U
75-34-3	1,1-Dichloroethane	1900	U
540-59-0	1,2-Dichloroethene (Total)	1900	U
67-66-3	Chloroform	1900	U
107-06-2	1,2-Dichloroethane	1900	U
78-93-3	2-Butanone	1900	U
71-55-6	1,1,1-Trichloroethane	1900	U
56-23-5	Carbon Tetrachloride	1900	U
75-27-4	Bromodichloromethane	1900	U
78-87-5	1,2-Dichloropropane	1900	U
10061-01-5	cis-1,3-Dichloropropene	1900	U
79-01-6	Trichloroethene	1900	U
124-48-1	Dibromochloromethane	1900	U
79-00-5	1,1,2-Trichloroethane	1900	U
71-43-2	Benzene	1900	U
10061-02-6	trans-1,3-Dichloropropene	1900	U
75-25-2	Bromoform	1900	U
108-10-1	4-Methyl-2-pentanone	1900	U
591-78-6	2-Hexanone	1900	U
127-18-4	Tetrachloroethene	1900	U
108-88-3	Toluene	53000	DE
79-34-5	1,1,2,2-Tetrachloroethane	1900	U
108-90-7	Chlorobenzene	1900	U
100-41-4	Ethylbenzene	4100	D
100-42-5	Styrene	1900	U
1330-20-7	Total Xylenes	22000	D

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-9 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500701DL

Sample wt/vol: 4.11 (g/mL) G Lab File ID: M6022.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 36.2 Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN BENZENE DERIVATIVE	23.07	24000	J
2.		UNKNOWN BENZENE DERIVATIVE	23.55	17000	J
3.		UNKNOWN BENZENE DERIVATIVE	23.62	14000	J
4.		UNKNOWN BENZENE DERIVATIVE	23.73	30000	J
5.		UNKNOWN BENZENE DERIVATIVE	24.00	13000	J
6.		UNKNOWN BENZENE DERIVATIVE	24.43	26000	J
7.		UNKNOWN BENZENE DERIVATIVE	24.53	35000	J
8.		UNKNOWN PAH	25.05	17000	J
9.		UNKNOWN BENZENE DERIVATIVE	25.30	24000	J
10.		UNKNOWN PAH	25.37	22000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000025

Client No.

SI-9 4-8' DL2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500701D2

Sample wt/vol: 4.11 (g/mL) G Lab File ID: M6041.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 36.2 Heated Purge: N Date Analyzed: 07/29/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	38000	U
74-83-9	Bromomethane	38000	U
75-01-4	Vinyl chloride	38000	U
75-00-3	Chloroethane	5800	DJ
75-09-2	Methylene chloride	38000	U
67-64-1	Acetone	38000	U
75-15-0	Carbon Disulfide	38000	U
75-35-4	1,1-Dichloroethene	38000	U
75-34-3	1,1-Dichloroethane	38000	U
540-59-0	1,2-Dichloroethene (Total)	38000	U
67-66-3	Chloroform	38000	U
107-06-2	1,2-Dichloroethane	38000	U
78-93-3	2-Butanone	38000	U
71-55-6	1,1,1-Trichloroethane	38000	U
56-23-5	Carbon Tetrachloride	38000	U
75-27-4	Bromodichloromethane	38000	U
78-87-5	1,2-Dichloropropane	38000	U
10061-01-5	cis-1,3-Dichloropropene	38000	U
79-01-6	Trichloroethene	38000	U
124-48-1	Dibromochloromethane	38000	U
79-00-5	1,1,2-Trichloroethane	38000	U
71-43-2	Benzene	38000	U
10061-02-6	trans-1,3-Dichloropropene	38000	U
75-25-2	Bromoform	38000	U
108-10-1	4-Methyl-2-pentanone	38000	U
591-78-6	2-Hexanone	38000	U
127-18-4	Tetrachloroethene	38000	U
108-88-3	Toluene	400000	D
79-34-5	1,1,2,2-Tetrachloroethane	38000	U
108-90-7	Chlorobenzene	38000	U
100-41-4	Ethylbenzene	5000	DJ
100-42-5	Styrene	38000	U
1330-20-7	Total Xylenes	26000	DJ

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-9 4-8' DL2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500701D2

Sample wt/vol: 4.11 (g/mL) G Lab File ID: M6041.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 36.2 Date Analyzed: 07/29/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN BENZENE DERIVATIVE	23.03	21000	J
2.	UNKNOWN BENZENE DERIVATIVE	23.52	40000	J
3.	UNKNOWN BENZENE DERIVATIVE	23.70	33000	J
4.	UNKNOWN BENZENE DERIVATIVE	24.40	34000	J
5.	UNKNOWN BENZENE DERIVATIVE	24.48	48000	J
6.	UNKNOWN	24.65	43000	J
7.	UNKNOWN	24.95	60000	J
8.	UNKNOWN BENZENE DERIVATIVE	25.27	39000	J
9.	UNKNOWN PAH	25.33	30000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-10 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9__

Matrix: (soil/water) SOIL Lab Sample ID: A0500703__

Sample wt/vol: 4.15 (g/mL) G Lab File ID: M5952.RR_____

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.7 Heated Purge: N Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	170000	U
74-83-9	Bromomethane	170000	U
75-01-4	Vinyl chloride	170000	U
75-00-3	Chloroethane	170000	U
75-09-2	Methylene chloride	170000	U
67-64-1	Acetone	170000	U
75-15-0	Carbon Disulfide	170000	U
75-35-4	1,1-Dichloroethene	170000	U
75-34-3	1,1-Dichloroethane	170000	U
540-59-0	1,2-Dichloroethene (Total)	170000	U
67-66-3	Chloroform	170000	U
107-06-2	1,2-Dichloroethane	170000	U
78-93-3	2-Butanone	170000	U
71-55-6	1,1,1-Trichloroethane	170000	U
56-23-5	Carbon Tetrachloride	170000	U
75-27-4	Bromodichloromethane	170000	U
78-87-5	1,2-Dichloropropane	170000	U
10061-01-5	cis-1,3-Dichloropropene	170000	U
79-01-6	Trichloroethene	170000	U
124-48-1	Dibromochloromethane	170000	U
79-00-5	1,1,2-Trichloroethane	170000	U
71-43-2	Benzene	170000	U
10061-02-6	trans-1,3-Dichloropropene	170000	U
75-25-2	Bromoform	170000	U
108-10-1	4-Methyl-2-pentanone	170000	U
591-78-6	2-Hexanone	170000	U
127-18-4	Tetrachloroethene	170000	U
108-88-3	Toluene	9600000	E
79-34-5	1,1,2,2-Tetrachloroethane	170000	U
108-90-7	Chlorobenzene	170000	U
100-41-4	Ethylbenzene	170000	U
100-42-5	Styrene	170000	U
1330-20-7	Total Xylenes	170000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SI-10 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) SOIL Lab Sample ID: A0500703__

Sample wt/vol: __4.15__ (g/mL) G__ Lab File ID: M5952.RR_____

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 28.7 Date Analyzed: 07/25/2000

GC Column: DB-624___ ID: 0.25 (mm) Dilution Factor: __100.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: __100.00__ (uL)

Number TICs found: __2

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	13.28	410000	J
2.	UNKNOWN CYCLOALKANE	14.37	790000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.: SI-10 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500703DL

Sample wt/vol: 4.15 (g/mL) G Lab File ID: M5997.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.7 Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1000.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1700000	U
74-83-9	Bromomethane	1700000	U
75-01-4	Vinyl chloride	1700000	U
75-00-3	Chloroethane	1700000	U
75-09-2	Methylene chloride	1700000	U
67-64-1	Acetone	1700000	U
75-15-0	Carbon Disulfide	1700000	U
75-35-4	1,1-Dichloroethene	1700000	U
75-34-3	1,1-Dichloroethane	1700000	U
540-59-0	1,2-Dichloroethene (Total)	1700000	U
67-66-3	Chloroform	1700000	U
107-06-2	1,2-Dichloroethane	1700000	U
78-93-3	2-Butanone	1700000	U
71-55-6	1,1,1-Trichloroethane	1700000	U
56-23-5	Carbon Tetrachloride	1700000	U
75-27-4	Bromodichloromethane	1700000	U
78-87-5	1,2-Dichloropropane	1700000	U
10061-01-5	cis-1,3-Dichloropropene	1700000	U
79-01-6	Trichloroethene	1700000	U
124-48-1	Dibromochloromethane	1700000	U
79-00-5	1,1,2-Trichloroethane	1700000	U
71-43-2	Benzene	1700000	U
10061-02-6	trans-1,3-Dichloropropene	1700000	U
75-25-2	Bromoform	1700000	U
108-10-1	4-Methyl-2-pentanone	1700000	U
591-78-6	2-Hexanone	1700000	U
127-18-4	Tetrachloroethene	1700000	U
108-88-3	Toluene	10000000	D
79-34-5	1,1,2,2-Tetrachloroethane	1700000	U
108-90-7	Chlorobenzene	1700000	U
100-41-4	Ethylbenzene	1700000	U
100-42-5	Styrene	1700000	U
1330-20-7	Total Xylenes	1700000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SI-10 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500703DL

Sample wt/vol: 4.15 (g/mL) G Lab File ID: M5997.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 28.7 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1000.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-10 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500704

Sample wt/vol: 4.10 (g/mL) G Lab File ID: M5953.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 41.0 Heated Purge: N Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	100000	U
74-83-9	Bromomethane	100000	U
75-01-4	Vinyl chloride	100000	U
75-00-3	Chloroethane	100000	U
75-09-2	Methylene chloride	100000	U
67-64-1	Acetone	30000	J
75-15-0	Carbon Disulfide	100000	U
75-35-4	1,1-Dichloroethene	100000	U
75-34-3	1,1-Dichloroethane	100000	U
540-59-0	1,2-Dichloroethene (Total)	100000	U
67-66-3	Chloroform	100000	U
107-06-2	1,2-Dichloroethane	100000	U
78-93-3	2-Butanone	100000	U
71-55-6	1,1,1-Trichloroethane	100000	U
56-23-5	Carbon Tetrachloride	100000	U
75-27-4	Bromodichloromethane	100000	U
78-87-5	1,2-Dichloropropane	100000	U
10061-01-5	cis-1,3-Dichloropropene	100000	U
79-01-6	Trichloroethene	100000	U
124-48-1	Dibromochloromethane	100000	U
79-00-5	1,1,2-Trichloroethane	100000	U
71-43-2	Benzene	100000	U
10061-02-6	trans-1,3-Dichloropropene	100000	U
75-25-2	Bromoform	100000	U
108-10-1	4-Methyl-2-pentanone	100000	U
591-78-6	2-Hexanone	100000	U
127-18-4	Tetrachloroethene	100000	U
108-88-3	Toluene	3000000	E
79-34-5	1,1,2,2-Tetrachloroethane	100000	U
108-90-7	Chlorobenzene	100000	U
100-41-4	Ethylbenzene	100000	U
100-42-5	Styrene	100000	U
1330-20-7	Total Xylenes	100000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000036

Client No.

SI-10 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500704

Sample wt/vol: 4.10 (g/mL) G Lab File ID: M5953.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 41.0 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKENE	9.75	110000	J
2.	UNKNOWN ALKANE	13.28	100000	J
3.	UNKNOWN CYCLOALKANE	14.35	190000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000037

Client No.

SI-10 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) SOIL Lab Sample ID: A0500704DL

Sample wt/vol: 4.10 (g/mL) G Lab File ID: M5998.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 41.0 Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 200.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	410000	U
74-83-9	Bromomethane	410000	U
75-01-4	Vinyl chloride	410000	U
75-00-3	Chloroethane	410000	U
75-09-2	Methylene chloride	410000	U
67-64-1	Acetone	410000	U
75-15-0	Carbon Disulfide	410000	U
75-35-4	1,1-Dichloroethene	410000	U
75-34-3	1,1-Dichloroethane	410000	U
540-59-0	1,2-Dichloroethene (Total)	410000	U
67-66-3	Chloroform	410000	U
107-06-2	1,2-Dichloroethane	410000	U
78-93-3	2-Butanone	410000	U
71-55-6	1,1,1-Trichloroethane	410000	U
56-23-5	Carbon Tetrachloride	410000	U
75-27-4	Bromodichloromethane	410000	U
78-87-5	1,2-Dichloropropane	410000	U
10061-01-5	cis-1,3-Dichloropropene	410000	U
79-01-6	Trichloroethene	410000	U
124-48-1	Dibromochloromethane	410000	U
79-00-5	1,1,2-Trichloroethane	410000	U
71-43-2	Benzene	410000	U
10061-02-6	trans-1,3-Dichloropropene	410000	U
75-25-2	Bromoform	410000	U
108-10-1	4-Methyl-2-pentanone	410000	U
591-78-6	2-Hexanone	410000	U
127-18-4	Tetrachloroethene	410000	U
108-88-3	Toluene	2900000	D
79-34-5	1,1,2,2-Tetrachloroethane	410000	U
108-90-7	Chlorobenzene	410000	U
100-41-4	Ethylbenzene	410000	U
100-42-5	Styrene	410000	U
1330-20-7	Total Xylenes	410000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000038

Client No.

SI-10 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) SOIL Lab Sample ID: A0500704DL

Sample wt/vol: 4.10 (g/mL) G Lab File ID: M5998.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 41.0 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 200.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

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Client No.

SI-11 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) SOIL Lab Sample ID: A0500706__

Sample wt/vol: 4.03 (g/mL) G Lab File ID: M5954.RR_____

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 31.3 Heated Purge: N Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	180000	U
74-83-9	Bromomethane	180000	U
75-01-4	Vinyl chloride	180000	U
75-00-3	Chloroethane	180000	U
75-09-2	Methylene chloride	180000	U
67-64-1	Acetone	180000	U
75-15-0	Carbon Disulfide	180000	U
75-35-4	1,1-Dichloroethene	180000	U
75-34-3	1,1-Dichloroethane	180000	U
540-59-0	1,2-Dichloroethene (Total)	180000	U
67-66-3	Chloroform	180000	U
107-06-2	1,2-Dichloroethane	180000	U
78-93-3	2-Butanone	180000	U
71-55-6	1,1,1-Trichloroethane	180000	U
56-23-5	Carbon Tetrachloride	180000	U
75-27-4	Bromodichloromethane	180000	U
78-87-5	1,2-Dichloropropane	180000	U
10061-01-5	cis-1,3-Dichloropropene	180000	U
79-01-6	Trichloroethene	180000	U
124-48-1	Dibromochloromethane	180000	U
79-00-5	1,1,2-Trichloroethane	180000	U
71-43-2	Benzene	180000	U
10061-02-6	trans-1,3-Dichloropropene	180000	U
75-25-2	Bromoform	180000	U
108-10-1	4-Methyl-2-pentanone	180000	U
591-78-6	2-Hexanone	180000	U
127-18-4	Tetrachloroethene	180000	U
108-88-3	Toluene	9900000	E
79-34-5	1,1,2,2-Tetrachloroethane	180000	U
108-90-7	Chlorobenzene	180000	U
100-41-4	Ethylbenzene	180000	U
100-42-5	Styrene	180000	U
1330-20-7	Total Xylenes	19000	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000042

Client No.

SI-11 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9__

Matrix: (soil/water) SOIL Lab Sample ID: A0500706__

Sample wt/vol: 4.03 (g/mL) G Lab File ID: M5954.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 31.3 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000043

Client No.

SI-11 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500706DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: M5999.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 31.3 Heated Purge: N Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 500.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	900000	U
74-83-9	Bromomethane	900000	U
75-01-4	Vinyl chloride	900000	U
75-00-3	Chloroethane	900000	U
75-09-2	Methylene chloride	900000	U
67-64-1	Acetone	900000	U
75-15-0	Carbon Disulfide	900000	U
75-35-4	1,1-Dichloroethene	900000	U
75-34-3	1,1-Dichloroethane	900000	U
540-59-0	1,2-Dichloroethene (Total)	900000	U
67-66-3	Chloroform	900000	U
107-06-2	1,2-Dichloroethane	900000	U
78-93-3	2-Butanone	900000	U
71-55-6	1,1,1-Trichloroethane	900000	U
56-23-5	Carbon Tetrachloride	900000	U
75-27-4	Bromodichloromethane	900000	U
78-87-5	1,2-Dichloropropane	900000	U
10061-01-5	cis-1,3-Dichloropropene	900000	U
79-01-6	Trichloroethene	900000	U
124-48-1	Dibromochloromethane	900000	U
79-00-5	1,1,2-Trichloroethane	900000	U
71-43-2	Benzene	900000	U
10061-02-6	trans-1,3-Dichloropropene	900000	U
75-25-2	Bromoform	900000	U
108-10-1	4-Methyl-2-pentanone	900000	U
591-78-6	2-Hexanone	900000	U
127-18-4	Tetrachloroethene	900000	U
108-88-3	Toluene	8000000	D
79-34-5	1,1,2,2-Tetrachloroethane	900000	U
108-90-7	Chlorobenzene	900000	U
100-41-4	Ethylbenzene	900000	U
100-42-5	Styrene	900000	U
1330-20-7	Total Xylenes	900000	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SI-11 4-8' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) SOIL Lab Sample ID: A0500706DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: M5999.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 31.3 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 500.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

60045
Client No.

SI-11 8-12'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500707

Sample wt/vol: 5.20 (g/mL) G Lab File ID: G7620.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 23.0 Heated Purge: Y Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	25	B
67-64-1	Acetone	46	
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (Total)	12	U
67-66-3	Chloroform	16	B
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	6	J
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	9	J
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	16	
108-88-3	Toluene	1400	BE
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	23	
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	80	

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-11 8-12'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500707

Sample wt/vol: 5.20 (g/mL) G Lab File ID: G7620.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 23.0 Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	9.70	100	J
2.	UNKNOWN ALKANE	10.83	310	J
3.	UNKNOWN CYCLOALKANE	13.03	200	J
4.	UNKNOWN CYCLOALKANE	15.10	58	J
5.	UNKNOWN ALKANE	15.58	17	J
6.	UNKNOWN ALKANE	16.82	42	J
7.	UNKNOWN CYCLOALKANE	18.18	160	J
8.	UNKNOWN CYCLOALKANE	18.65	12	J
9.	UNKNOWN ALKANE	19.72	12	J
10. 91-20-3	NAPHTHALENE	32.97	10	JN

I T CORPORATION
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ANALYSIS DATA SHEET

Client No.

SI-11 8-12' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500707DL

Sample wt/vol: 4.10 (g/mL) G Lab File ID: M6023.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 23.0 Heated Purge: N Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1600	U
74-83-9	Bromomethane	1600	U
75-01-4	Vinyl chloride	1600	U
75-00-3	Chloroethane	1600	U
75-09-2	Methylene chloride	1600	U
67-64-1	Acetone	1600	U
75-15-0	Carbon Disulfide	1600	U
75-35-4	1,1-Dichloroethene	1600	U
75-34-3	1,1-Dichloroethane	1600	U
540-59-0	1,2-Dichloroethene (Total)	1600	U
67-66-3	Chloroform	1600	U
107-06-2	1,2-Dichloroethane	1600	U
78-93-3	2-Butanone	1600	U
71-55-6	1,1,1-Trichloroethane	1600	U
56-23-5	Carbon Tetrachloride	1600	U
75-27-4	Bromodichloromethane	1600	U
78-87-5	1,2-Dichloropropane	1600	U
10061-01-5	cis-1,3-Dichloropropene	1600	U
79-01-6	Trichloroethene	1600	U
124-48-1	Dibromochloromethane	1600	U
79-00-5	1,1,2-Trichloroethane	1600	U
71-43-2	Benzene	1600	U
10061-02-6	trans-1,3-Dichloropropene	1600	U
75-25-2	Bromoform	1600	U
108-10-1	4-Methyl-2-pentanone	1600	U
591-78-6	2-Hexanone	1600	U
127-18-4	Tetrachloroethene	1600	U
108-88-3	Toluene	18000	D
79-34-5	1,1,2,2-Tetrachloroethane	1600	U
108-90-7	Chlorobenzene	1600	U
100-41-4	Ethylbenzene	1600	U
100-42-5	Styrene	1600	U
1330-20-7	Total Xylenes	210	DJ

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: SI-11 8-12' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500707DL

Sample wt/vol: 4.10 (g/mL) G Lab File ID: M6023.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 23.0 Date Analyzed: 07/28/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	9.75	1100	J
2.	UNKNOWN	23.52	2600	J
3.	UNKNOWN BENZENE DERIVATIVE	24.42	1200	J
4.	UNKNOWN BENZENE DERIVATIVE	24.52	1800	J
5.	UNKNOWN	24.72	2000	J
6.	UNKNOWN	24.98	3100	J
7.	UNKNOWN BENZENE DERIVATIVE	25.28	2200	J
8.	UNKNOWN	25.50	1400	J
9.	UNKNOWN BENZENE DERIVATIVE	25.92	1500	J
10. 91-20-3	NAPHTHALENE	26.63	1100	JN

I T CORPORATION
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000051

Client No.

SI-12 10-14'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500709

Sample wt/vol: 5.07 (g/mL) G Lab File ID: G7631.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 23.3 Heated Purge: Y Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene chloride	9	BJ
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (Total)	13	U
67-66-3	Chloroform	9	BJ
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	56	B
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	1	J
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	13	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000052

Client No.

SI-12 10-14'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500709

Sample wt/vol: 5.07 (g/mL) G Lab File ID: G7631.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 23.3 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000055

Client No.

SI-13 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500711

Sample wt/vol: 5.09 (g/mL) G Lab File ID: G7632.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 23.5 Heated Purge: Y Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene chloride	5	BJ
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (Total)	13	U
67-66-3	Chloroform	4	BJ
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	2	J
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	11	BJ
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	13	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000056

Client No.

SI-13 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9__

Matrix: (soil/water) SOIL Lab Sample ID: A0500711__

Sample wt/vol: 5.09 (g/mL) G Lab File ID: G7632.RR_____

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 23.5 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
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Client No.

SI-14 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500713

Sample wt/vol: 5.07 (g/mL) G Lab File ID: G7633.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 17.2 Heated Purge: Y Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	7	BJ
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (Total)	12	U
67-66-3	Chloroform	4	BJ
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	1	J
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
108-88-3	Toluene	14	B
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	12	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000060

Client No.

SI-14 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500713

Sample wt/vol: 5.07 (g/mL) G Lab File ID: G7633.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 17.2 Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN BLEED	30.12	9	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.

SI-15 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9

Matrix: (soil/water) SOIL Lab Sample ID: A0500715

Sample wt/vol: 5.12 (g/mL) G Lab File ID: G7634.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 10.4 Heated Purge: Y Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	5	BJ
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (Total)	11	U
67-66-3	Chloroform	4	BJ
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	1	J
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
108-88-3	Toluene	8	BJ
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Total Xylenes	11	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SI-15 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI9___

Matrix: (soil/water) SOIL Lab Sample ID: A0500715__

Sample wt/vol: 5.12 (g/mL) G Lab File ID: G7634.RR_____

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/200

% Moisture: not dec. 10.4 Date Analyzed: 07/27/2000

GC Column: DB-624___ ID: 0.53 (mm) Dilution Factor: ___1.00

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

Number TICs found: 1

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN BLEED'	30.10	14	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000010
Client No.

SI-16 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500803

Sample wt/vol: 5.04 (g/mL) G Lab File ID: G7567.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 22.8 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene chloride	12	BJ
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (Total)	13	U
67-66-3	Chloroform	10	BJ
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	2	BJ
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	10	J
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	13	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000009

Client No.

MW-3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5918.RR

Level: (low/med) LOW Date Samp/Recv: 07/17/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

600010A
Client No.

SI-16 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500803

Sample wt/vol: 5.04 (g/mL) G Lab File ID: G7567.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 22.8 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN BLEED	30.10	10	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000011

Client No

SI-17 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500805

Sample wt/vol: 5.08 (g/mL) G Lab File ID: G7548.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.0 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl chloride	14	U
75-00-3	Chloroethane	2	J
75-09-2	Methylene chloride	23	B
67-64-1	Acetone	370	E
75-15-0	Carbon Disulfide	8	J
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	30	
540-59-0	1,2-Dichloroethene (Total)	8	J
67-66-3	Chloroform	11	BJ
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	130	
71-55-6	1,1,1-Trichloroethane	3	J
56-23-5	Carbon Tetrachloride	2	BJ
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
108-88-3	Toluene	170	
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	300	E
100-42-5	Styrene	14	U
1330-20-7	Total Xylenes	860	E

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000012

Client No.

SI-17 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500805

Sample wt/vol: 5.08 (g/mL) G Lab File ID: G7548.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.0 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	24.65	190	J
2.		UNKNOWN	25.37	180	J
3.		UNKNOWN	25.47	170	J
4.		UNKNOWN	25.63	310	J
5.		UNKNOWN	25.97	240	J
6.		UNKNOWN	26.32	220	J
7.		UNKNOWN	26.53	250	J
8.		UNKNOWN	27.02	700	J
9.		UNKNOWN	27.45	280	J
10.		UNKNOWN	27.78	200	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.: SI-17 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500805DL

Sample wt/vol: 4.15 (g/mL) G Lab File ID: M6025.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.0 Heated Purge: N Date Analyzed: 07/29/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1700	U
74-83-9	Bromomethane	1700	U
75-01-4	Vinyl chloride	1700	U
75-00-3	Chloroethane	1000	DJ
75-09-2	Methylene chloride	1200	DJ
67-64-1	Acetone	1000	DJ
75-15-0	Carbon Disulfide	1700	U
75-35-4	1,1-Dichloroethene	1700	U
75-34-3	1,1-Dichloroethane	3500	D
540-59-0	1,2-Dichloroethene (Total)	370	DJ
67-66-3	Chloroform	1700	U
107-06-2	1,2-Dichloroethane	1700	U
78-93-3	2-Butanone	740	DJ
71-55-6	1,1,1-Trichloroethane	1200	DJ
56-23-5	Carbon Tetrachloride	1700	U
75-27-4	Bromodichloromethane	1700	U
78-87-5	1,2-Dichloropropane	1700	U
10061-01-5	cis-1,3-Dichloropropene	1700	U
79-01-6	Trichloroethene	1700	U
124-48-1	Dibromochloromethane	1700	U
79-00-5	1,1,2-Trichloroethane	1700	U
71-43-2	Benzene	740	DJ
10061-02-6	trans-1,3-Dichloropropene	1700	U
75-25-2	Bromoform	1700	U
108-10-1	4-Methyl-2-pentanone	3000	D
591-78-6	2-Hexanone	1700	U
127-18-4	Tetrachloroethene	1700	U
108-88-3	Toluene	21000	D
79-34-5	1,1,2,2-Tetrachloroethane	1700	U
108-90-7	Chlorobenzene	1700	U
100-41-4	Ethylbenzene	10000	D
100-42-5	Styrene	1700	U
1330-20-7	Total Xylenes	66000	D

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000014

Client No.

SI-17 0-4' DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500805DL

Sample wt/vol: 4.15 (g/mL) G Lab File ID: M6025.RR

Level: (low/med) MED Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.0 Date Analyzed: 07/29/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN ALKANE	18.05	17000	J
2.		UNKNOWN ALKANE	18.90	92000	J
3.		UNKNOWN ALKANE	19.37	16000	J
4.		UNKNOWN ALKANE	19.52	25000	J
5.		UNKNOWN ALKANE	19.75	36000	J
6.		UNKNOWN ALKANE	20.00	39000	J
7.		UNKNOWN ALKANE	20.30	26000	J
8.		UNKNOWN ALKANE	20.35	43000	J
9.		UNKNOWN ALKANE	21.15	79000	J
10.		UNKNOWN CYCLOALKANE	21.22	16000	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

Client No.: SI-17 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500804

Sample wt/vol: 5.13 (g/mL) G Lab File ID: G7547.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 25.9 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	17	
75-09-2	Methylene chloride	30	B
67-64-1	Acetone	120	
75-15-0	Carbon Disulfide	4	J
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	21	
540-59-0	1,2-Dichloroethene (Total)	1	J
67-66-3	Chloroform	8	BJ
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	40	
71-55-6	1,1,1-Trichloroethane	7	J
56-23-5	Carbon Tetrachloride	2	BJ
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	14	
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	15	
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	0.9	J
108-88-3	Toluene	190	
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	110	
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	980	E

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000016

Client No.

SI-17 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500804

Sample wt/vol: 5.13 (g/mL) G Lab File ID: G7547.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 25.9 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN CYCLOALKANE	24.92	360	J
2.	UNKNOWN ALKANE	25.28	290	J
3.	UNKNOWN PAH	25.42	330	J
4.	UNKNOWN CYCLOALKANE	25.57	630	J
5.	UNKNOWN ALKANE	25.90	220	J
6.	UNKNOWN ALKANE	26.02	290	J
7.	UNKNOWN	26.47	200	J
8.	UNKNOWN	26.97	790	J
9.	UNKNOWN BENZENE DERIVATIVE	29.92	210	J
10.	UNKNOWN BENZENE DERIVATIVE	30.83	260	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000017

Client No.

SI-17 4-8'DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500804DL

Sample wt/vol: 1.08 (g/mL) G Lab File ID: G7571.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 25.9 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	62	U
74-83-9	Bromomethane	62	U
75-01-4	Vinyl chloride	62	U
75-00-3	Chloroethane	17	DJ
75-09-2	Methylene chloride	70	BD
67-64-1	Acetone	220	D
75-15-0	Carbon Disulfide	9	DJ
75-35-4	1,1-Dichloroethene	62	U
75-34-3	1,1-Dichloroethane	26	DJ
540-59-0	1,2-Dichloroethene (Total)	62	U
67-66-3	Chloroform	20	BDJ
107-06-2	1,2-Dichloroethane	62	U
78-93-3	2-Butanone	41	DJ
71-55-6	1,1,1-Trichloroethane	10	DJ
56-23-5	Carbon Tetrachloride	5	BDJ
75-27-4	Bromodichloromethane	62	U
78-87-5	1,2-Dichloropropane	62	U
10061-01-5	cis-1,3-Dichloropropene	62	U
79-01-6	Trichloroethene	62	U
124-48-1	Dibromochloromethane	62	U
79-00-5	1,1,2-Trichloroethane	62	U
71-43-2	Benzene	20	DJ
10061-02-6	trans-1,3-Dichloropropene	62	U
75-25-2	Bromoform	62	U
108-10-1	4-Methyl-2-pentanone	24	DJ
591-78-6	2-Hexanone	8	DJ
127-18-4	Tetrachloroethene	62	U
108-88-3	Toluene	370	D
79-34-5	1,1,2,2-Tetrachloroethane	62	U
108-90-7	Chlorobenzene	62	U
100-41-4	Ethylbenzene	200	D
100-42-5	Styrene	62	U
1330-20-7	Total Xylenes	2200	D

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000018
Client No.

SI-17 4-8'DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500804DL

Sample wt/vol: 1.08 (g/mL) G Lab File ID: G7571.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 25.9 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	24.87	410	J
2.		UNKNOWN CYCLOALKANE	25.50	580	J
3.		UNKNOWN BENZENE DERIVATIVE	26.77	390	J
4.		UNKNOWN BENZENE DERIVATIVE	26.92	540	J
5.		UNKNOWN BENZENE DERIVATIVE	27.70	480	J
6.		UNKNOWN BENZENE DERIVATIVE	29.72	640	J
7.		UNKNOWN BENZENE DERIVATIVE	29.87	760	J
8.		UNKNOWN BENZENE DERIVATIVE	30.67	540	J
9.		UNKNOWN BENZENE DERIVATIVE	30.78	1000	J
10.		UNKNOWN PAH	31.65	630	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000019

Client No.

SI-17 4-8'DLRE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500804V

Sample wt/vol: 1.09 (g/mL) G Lab File ID: G7635.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 25.9 Heated Purge: Y Date Analyzed: 07/27/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	62	U
74-83-9	Bromomethane	62	U
75-01-4	Vinyl chloride	62	U
75-00-3	Chloroethane	62	U
75-09-2	Methylene chloride	58	BDJ
67-64-1	Acetone	130	D
75-15-0	Carbon Disulfide	62	U
75-35-4	1,1-Dichloroethene	62	U
75-34-3	1,1-Dichloroethane	11	DJ
540-59-0	1,2-Dichloroethene (Total)	62	U
67-66-3	Chloroform	18	BDJ
107-06-2	1,2-Dichloroethane	62	U
78-93-3	2-Butanone	62	U
71-55-6	1,1,1-Trichloroethane	62	U
56-23-5	Carbon Tetrachloride	62	U
75-27-4	Bromodichloromethane	62	U
78-87-5	1,2-Dichloropropane	62	U
10061-01-5	cis-1,3-Dichloropropene	62	U
79-01-6	Trichloroethene	62	U
124-48-1	Dibromochloromethane	62	U
79-00-5	1,1,2-Trichloroethane	62	U
71-43-2	Benzene	62	U
10061-02-6	trans-1,3-Dichloropropene	62	U
75-25-2	Bromoform	62	U
108-10-1	4-Methyl-2-pentanone	19	DJ
591-78-6	2-Hexanone	62	U
127-18-4	Tetrachloroethene	62	U
108-88-3	Toluene	230	BD
79-34-5	1,1,2,2-Tetrachloroethane	62	U
108-90-7	Chlorobenzene	62	U
100-41-4	Ethylbenzene	91	D
100-42-5	Styrene	62	U
1330-20-7	Total Xylenes	1700	D

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000023

Client No.

SI-18 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500806

Sample wt/vol: 5.18 (g/mL) G Lab File ID: G7568.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.3 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	2	J
75-09-2	Methylene chloride	10	BJ
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	34	
540-59-0	1,2-Dichloroethene (Total)	72	
67-66-3	Chloroform	4	BJ
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	1	BJ
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	26	
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	1	J
108-88-3	Toluene	1	J
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	13	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000022

Client No.

SI-18

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500808

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5914.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000024

Client No.

SI-18 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500806

Sample wt/vol: 5.18 (g/mL) G Lab File ID: G7568.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 28.3 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	24.22	11	J
2.		UNKNOWN CYCLOALKANE	24.85	12	J
3.		UNKNOWN ALKANE	25.52	13	J
4.	110-81-6	DIETHYL DISULFIDE	25.95	13	JN
5.		UNKNOWN CYCLOALKANE	26.40	12	J
6.		UNKNOWN	26.87	11	J
7.		UNKNOWN ALKANE	27.52	23	J
8.		UNKNOWN ALKANE	28.10	18	J
9.		UNKNOWN ALKANE	28.60	14	J
10.		UNKNOWN BLEED	30.08	7	J

I T CORPORATION
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ANALYSIS DATA SHEET

Client No.: SI-18 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500807

Sample wt/vol: 5.16 (g/mL) G Lab File ID: G7569.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 46.1 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	18	U
74-83-9	Bromomethane	18	U
75-01-4	Vinyl chloride	18	U
75-00-3	Chloroethane	26	
75-09-2	Methylene chloride	18	B
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	18	U
75-35-4	1,1-Dichloroethene	18	U
75-34-3	1,1-Dichloroethane	45	
540-59-0	1,2-Dichloroethene (Total)	19	
67-66-3	Chloroform	4	BJ
107-06-2	1,2-Dichloroethane	18	U
78-93-3	2-Butanone	18	U
71-55-6	1,1,1-Trichloroethane	2	J
56-23-5	Carbon Tetrachloride	1	BJ
75-27-4	Bromodichloromethane	18	U
78-87-5	1,2-Dichloropropane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
79-01-6	Trichloroethene	31	
124-48-1	Dibromochloromethane	18	U
79-00-5	1,1,2-Trichloroethane	18	U
71-43-2	Benzene	18	U
10061-02-6	trans-1,3-Dichloropropene	18	U
75-25-2	Bromoform	18	U
108-10-1	4-Methyl-2-pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	3	J
108-88-3	Toluene	16	J
79-34-5	1,1,2,2-Tetrachloroethane	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
100-42-5	Styrene	18	U
1330-20-7	Total Xylenes	7	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000029

Client No.

ST-19 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500810

Sample wt/vol: 5.06 (g/mL) G Lab File ID: G7551.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 19.3 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	4	BJ
67-64-1	Acetone	5	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (Total)	12	U
67-66-3	Chloroform	3	BJ
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	0.8	BJ
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	3	J
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
108-88-3	Toluene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	12	U

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000028

Client No.

ST-19

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500809

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5916.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

I T CORPORATION
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000033

Client No.

ST-20 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500811

Sample wt/vol: 5.08 (g/mL) G Lab File ID: G7570.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 23.5 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene chloride	11	BJ
67-64-1	Acetone	12	J
75-15-0	Carbon Disulfide	1	J
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (Total)	13	U
67-66-3	Chloroform	8	BJ
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	2	BJ
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	3	J
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	18	
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	0.8	J
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	2	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.
ST-20

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) WATER Lab Sample ID: A0500813

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: M5913.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. _____ Date Analyzed: 07/23/2000

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.00

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

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN ALKANE	11.02	140	J
2.		UNKNOWN CYCLOALKANE	12.30	610	J
3.		UNKNOWN ALKANE	12.50	62	J
4.		UNKNOWN ALKANE	13.15	76	J
5.		UNKNOWN ALKANE	13.28	110	J
6.		UNKNOWN CYCLOALKANE	14.37	1700	J
7.		UNKNOWN ALKANE	14.67	78	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000034

Client No.

ST-20 0-4'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500811

Sample wt/vol: 5.08 (g/mL) G Lab File ID: G7570.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 23.5 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	15.10	42	J
2.		UNKNOWN ALKANE	15.60	40	J
3.		UNKNOWN CYCLOALKANE	16.50	21	J
4.		UNKNOWN ALKANE	16.82	110	J
5.		UNKNOWN CYCLOALKANE	18.18	480	J
6.		UNKNOWN CYCLOALKANE	18.65	44	J
7.		UNKNOWN CYCLOALKANE	18.83	28	J
8.		UNKNOWN CYCLOALKANE	19.18	30	J
9.		UNKNOWN ALKANE	19.72	78	J
10.		UNKNOWN ALKANE	20.05	53	J

I T CORPORATION
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Client No.: ST-20 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500812

Sample wt/vol: 5.03 (g/mL) G Lab File ID: G7579.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 35.3 Heated Purge: Y Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	15	U
74-83-9	Bromomethane	15	U
75-01-4	Vinyl chloride	15	U
75-00-3	Chloroethane	15	U
75-09-2	Methylene chloride	14	BJ
67-64-1	Acetone	68	
75-15-0	Carbon Disulfide	1	J
75-35-4	1,1-Dichloroethene	15	U
75-34-3	1,1-Dichloroethane	15	U
540-59-0	1,2-Dichloroethene (Total)	15	U
67-66-3	Chloroform	4	BJ
107-06-2	1,2-Dichloroethane	15	U
78-93-3	2-Butanone	20	
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
75-27-4	Bromodichloromethane	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
79-01-6	Trichloroethene	15	U
124-48-1	Dibromochloromethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
71-43-2	Benzene	6	J
10061-02-6	trans-1,3-Dichloropropene	15	U
75-25-2	Bromoform	15	U
108-10-1	4-Methyl-2-pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	15	U
108-88-3	Toluene	50	
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	0.9	J
100-42-5	Styrene	15	U
1330-20-7	Total Xylenes	3	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

000036

Client No.

ST-20 4-8'

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500812

Sample wt/vol: 5.03 (g/mL) G Lab File ID: G7579.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 35.3 Date Analyzed: 07/25/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	13.03	81	J
2.		UNKNOWN ALKANE	15.07	170	J
3.		UNKNOWN ALKANE	15.58	150	J
4.		UNKNOWN ALKANE	16.80	330	J
5.		UNKNOWN CYCLOALKANE	18.18	870	J
6.		UNKNOWN ALKANE	18.38	71	J
7.		UNKNOWN CYCLOALKANE	18.82	68	J
8.		UNKNOWN ALKANE	19.70	200	J
9.		UNKNOWN ALKANE	20.03	120	J
10.		UNKNOWN ALKANE	20.47	79	J

I T CORPORATION
ASP 95 - VOLATILES
ANALYSIS DATA SHEET

000037

Client No.

ST-20 4-8' RE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500812RI

Sample wt/vol: 5.16 (g/mL) G Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 35.3 Heated Purge: Y Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	15	U
74-83-9	Bromomethane	15	U
75-01-4	Vinyl chloride	15	U
75-00-3	Chloroethane	15	U
75-09-2	Methylene chloride	13	BJ
67-64-1	Acetone	98	
75-15-0	Carbon Disulfide	2	J
75-35-4	1,1-Dichloroethene	15	U
75-34-3	1,1-Dichloroethane	15	U
540-59-0	1,2-Dichloroethene (Total)	15	U
67-66-3	Chloroform	4	BJ
107-06-2	1,2-Dichloroethane	15	U
78-93-3	2-Butanone	32	
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
75-27-4	Bromodichloromethane	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
79-01-6	Trichloroethene	15	U
124-48-1	Dibromochloromethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
71-43-2	Benzene	11	J
10061-02-6	trans-1,3-Dichloropropene	15	U
75-25-2	Bromoform	15	U
108-10-1	4-Methyl-2-pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	15	U
108-88-3	Toluene	110	B
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	U
100-42-5	Styrene	15	U
1330-20-7	Total Xylenes	8	J

I T CORPORATION
ASP 95 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

ST-20 4-8' RE

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Matrix: (soil/water) SOIL Lab Sample ID: A0500812RI

Sample wt/vol: 5.16 (g/mL) G Lab File ID: G7618.RR

Level: (low/med) LOW Date Samp/Recv: 07/18/2000 07/18/2000

% Moisture: not dec. 35.3 Date Analyzed: 07/26/2000

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN CYCLOALKANE	13.03	110	J
2.		UNKNOWN ALKANE	15.08	140	J
3.		UNKNOWN ALKANE	15.58	52	J
4.		UNKNOWN ALKANE	16.60	120	J
5.		UNKNOWN CYCLOALKANE	18.18	640	J
6.		UNKNOWN CYCLOALKANE	18.67	45	J
7.		UNKNOWN CYCLOALKANE	18.83	31	J
8.		UNKNOWN CYCLOALKANE	19.18	30	J
9.		UNKNOWN ALKANE	19.72	72	J
10.		UNKNOWN ALKANE	20.03	47	J

I T CORPORATION
ASP 95 - VOLATILES
SOIL SURROGATE RECOVERY

000039

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SI16

Level (low/med): LOW

	Client Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	MSB68	95		101		98							0
2	MSB69	97		105		97							0
3	MSB70	94		100		98							0
4	MSB71	94		101		97							0
5	SI-16 0-4'	94		106		97							0
6	SI-17 0-4'	237	*	102		71	*						2
7	SI-17 4-8'	171	*	103		96							1
8	SI-17 4-8'DL	122	*	101		93							1
9	SI-17 4-8'DLRE	127	*	96		93							1
10	SI-18 0-4'	104		106		92							0
11	SI-18 4-8'	108		104		92							0
12	ST-19 0-4'	104		105		106							0
13	ST-20 0-4'	95		104		103							0
14	ST-20 4-8'	104		115		109							0
15	ST-20 4-8' RE	102		118		107							0
16	VBLK68	96		102		100							0
17	VBLK69	95		106		97							0
18	VBLK70	100		101		98							0
19	VBLK71	94		101		97							0

QC LIMITS

BFB = p-Bromofluorobenzene (59-113)
DCE = 1,2-Dichloroethane-D4 (70-121)
TOL = Toluene-D8 (84-138)

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

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2999
Phone: (716) 851-7220 • FAX: (716) 851-7226
Website: www.dec.state.ny.us

John P. Cahill
Commissioner

March 2, 2001

Mr. Craig Slater
Harter, Secrest & Emery
One Marine Midland Center
Suite 3550
Buffalo, New York 14203-2884

Dear Mr. Slater:

Site Investigation Report
Sovereign Speciality Chemicals, Inc.
Buffalo(C), Erie County

The New York State Department of Environmental Conservation (DEC) and Department of Health (DOH) have completed a review of the report entitled, "Site Investigation Report, Pierce n& Stevens Facility, Buffalo, New York", prepared by IT Corporation and dated January 2001. The following comments are offered:

1. Was a groundwater sample collected from SI-3 to determine the extent of contamination to the east of the tank farm area? If it was not, why?

2. The text should explain the methodology used in the field for sampling the core samples. Was each four (4) foot core barrel composited evenly throughout it's length or were samples biased based on field PID readings.

3. In accordance with the work plan (Appendix B) each sample was required to have a head space analysis performed on it. A table should be provided that summarizes the results of these PID readings associated with the depth of the sample and location.

4. We can not agree that the extent of contamination has been adequately defined when there are still significantly high levels of contamination detected along the sites boundary such as at SI-5. Since the contamination at SI-5 is beyond the extent of the tank farm and contrary to the groundwater flow direction, what rationale can be provided to substantiate the conclusions in the report.

5. The report should include a summary and review of all previous sampling information from previous studies on the site. This would pertain to only information in the area of the tank farm that has not already been addressed during the tank farm construction work.

6. In lieu of providing all the analytical QA/QC data in the report, the report should include the results of the evaluation of the data. The evaluation should be conducted in conformance with the Department Data Usability Summary Report (DUSR) guidance. A copy of the procedure is attached. The report should continue to provide a copy of all the a analytical data sheets.

7. Why was SI-12 sampled so deep into the clay layer and why wasn't the upper fill layer sampled at this location?

8. There are several discrepancies in the analytical data between the initial analysis and the dilution analysis. For example in sample SI-5 0-4', the initial analysis showed a estimated value of 1300 ug/kg for toluene for a dilution factor of 1.00 while the reanalysis presents a value of 160,000 ug/kg for toluene for a dilution factor of 8.00. This sample also shows methylene chloride not detected for the first analysis and at 3400 ug/kg DJ in the dilution. These types of issues should be reviewed and explained as part of the DUSR noted above to make certain good quality data is available to base remedial decision upon.

9. It is suggested that copies of the Appendices (if lengthy) be provided on Compact Disc in Adobe® Acrobat format as an alternative to providing additional hard copies of this section of the report. Again, it is not required to provide the analytical QA/QC data in the appendices.

10. In accordance with Section 4.4 of the May 2000 Work Plan and paragraph II.B.3 of the Order on Consent, the Site Investigation report is required to include a remedial action plan (RAP). The report does not provide a satisfactory submission of this component. At a minimum a RAP shall include:

- Submission of remedial action objectives (RAOs).
- Provide a review and evaluation of suitable remedial alternatives for the site. The selected remedy must be shown to conform with the eight guidance criteria of the Superfund program.
- Include a detailed description (engineered conceptual model) of the proposed remedy along with a demonstration that the remedy can achieve the RAOs for the site
- Provide a tentative schedule for the design and construction of the remedial action, including submission of the RD/RA work plan.

11. In addition to providing two copies of the report to the Buffalo Office, one copy of the revised report should be mailed directly to each of the following parties:

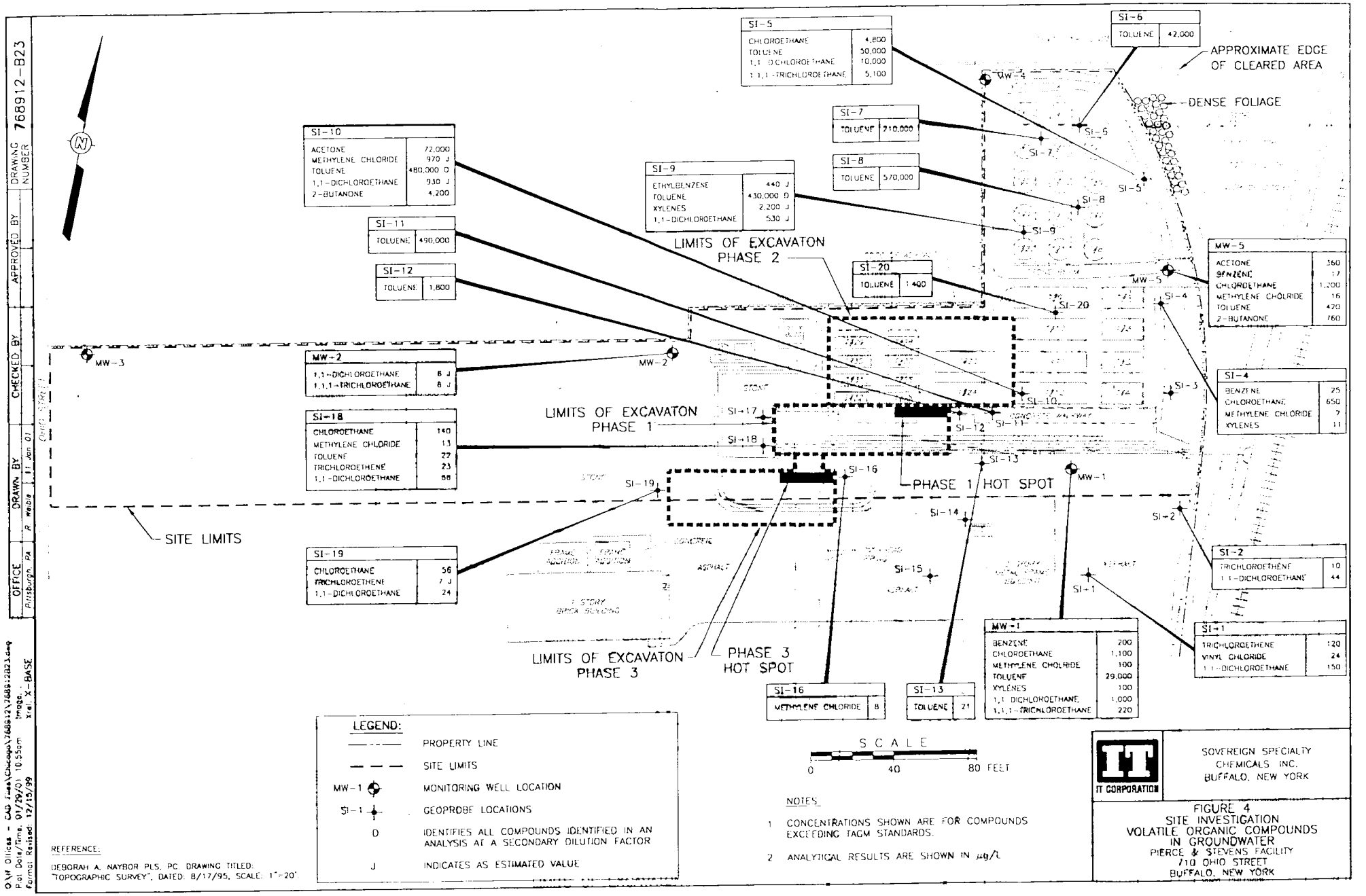
- Mr. Andrew English, P.E., NYSDEC, 50 Wolf Road, Albany, NY 12210
- Mr. Mark Van Valkenburg, NYSDOH, Bureau of Environmental Exposure, Flanigan Square, Room 300, 547 River Street, Troy, New York 12180
- Mr. Cameron O'Connor, NYSDOH, 584 Delaware Ave, Buffalo, NY 14202
- Ms. Maura Desmond, NYSDEC, 270 Michigan Ave., Buffalo, NY 14203

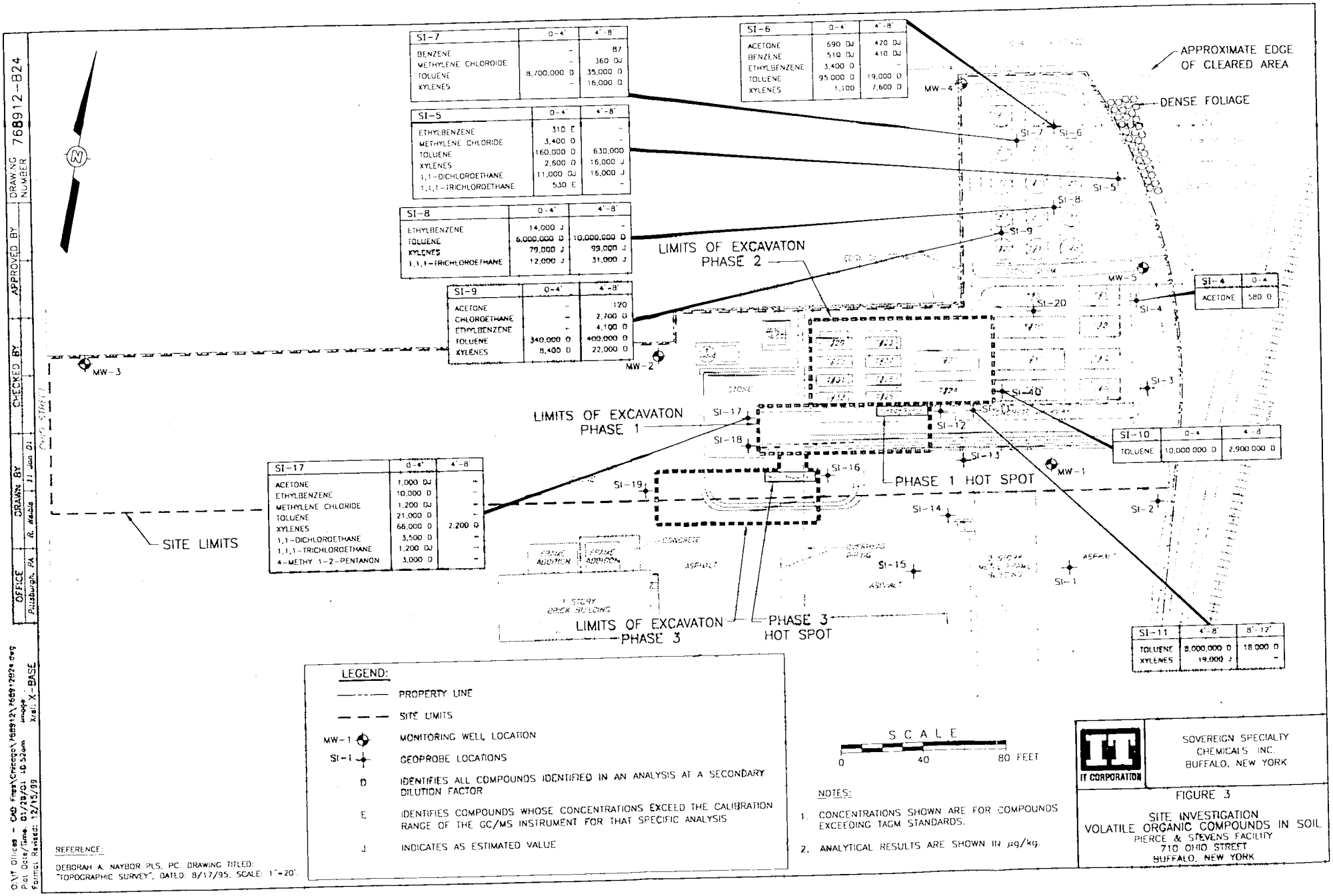
If you have any questions, please feel free to call me at 716/851-7220.

Sincerely,

Gregory P. Sutton, P.E.
Project Engineer
Environmental Remediation

attachment
GPS:tml
cc: Mr. Andrew English - NYSDEC - Albany
Mr. Cameron O'Connor - NYSDOH - Buffalo
Mr. Mark Van Valkenburg - NYSDOH - Albany
Ms. Maura Desmond - NYSDEC - Buffalo
Mr. Kevin Johnson - Sovereign Specialty Chemicals, Inc.
Ms. Patricia Bryan - IT Corp.
File


SI-5
CHLOROETHANE 4,800
TOLUENE 50,000
1,1-DICHLOROETHANE 10,000
1,1,1-TRICHLOROETHANE 5,100
SI-6
TOLUENE 42,000
APPROXIMATE EDGE OF CLEARED AREA
DENSE FOLIAGE
SI-7
TOLUENE 210,000
SI-8
TOLUENE 570,000
SI-9
ETHYLBENZENE 440 J
TOLUENE 430,000 D
XYLENES 2,200 J
1,1-DICHLOROETHANE 530 J
SI-10
ACETONE 72,000
METHYLENE CHLORIDE 970 J
TOLUENE 480,000 D
1,1-DICHLOROETHANE 930 J
2-BUTANONE 4,200
SI-11
TOLUENE 490,000
SI-12
TOLUENE 1,800
SI-20
TOLUENE 1,400
LIMITS OF EXCAVATON PHASE 2
MW-5
ACETONE 360
BENZENE 17
CHLOROETHANE 1,200
METHYLENE CHLORIDE 16
TOLUENE 420
2-BUTANONE 760
MW-3
MW-2
1,1-DICHLOROETHANE 6 J
1,1,1-TRICHLOROETHANE 8 J
SI-4
BENZENE 25
CHLOROETHANE 650
METHYLENE CHLORIDE 7
XYLENES 11
SI-18
CHLOROETHANE 140
METHYLENE CHLORIDE 13
TOLUENE 27
TRICHLOROETHENE 23
1,1-DICHLOROETHANE 66
LIMITS OF EXCAVATON PHASE 1
PHASE 1 HOT SPOT
SITE LIMITS
SI-19
CHLOROETHANE 56
TRICHLOROETHENE 7 J
1,1-DICHLOROETHANE 24
SI-2
TRICHLOROETHENE 10
1,1-DICHLOROETHANE 44
LIMITS OF EXCAVATON PHASE 3
PHASE 3 HOT SPOT
MW-1
BENZENE 200
CHLOROETHANE 1,100
METHYLENE CHLORIDE 100
TOLUENE 29,000
XYLENES 100
1,1-DICHLOROETHANE 1,000
1,1,1-TRICHLOROETHANE 220
SI-1
TRICHLOROETHENE 120
VINYL CHLORIDE 24
1,1-DICHLOROETHANE 150
SI-16
METHYLENE CHLORIDE 8
SI-13
TOLUENE 21
LEGEND:
PROPERTY LINE
SITE LIMITS
MW-1 MONITORING WELL LOCATION
SI-1 GEOPROBE LOCATIONS
D IDENTIFIES ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT A SECONDARY DILUTION FACTOR
J INDICATES AS ESTIMATED VALUE
SCALE
0 40 80 FEET
NOTES
1 CONCENTRATIONS SHOWN ARE FOR COMPOUNDS EXCEEDING TAGM STANDARDS.
2 ANALYTICAL RESULTS ARE SHOWN IN µg/L
REFERENCE:
DEBORAH A. NAYBOR PLS, PC. DRAWING TITLED: "TOPOGRAPHIC SURVEY", DATED: 8/17/95, SCALE: 1"=20'
IT CORPORATION
SOVEREIGN SPECIALTY CHEMICALS INC.
BUFFALO, NEW YORK
FIGURE 4
SITE INVESTIGATION
VOLATILE ORGANIC COMPOUNDS
IN GROUNDWATER
PIERCE & STEVENS FACILITY
710 OHIO STREET
BUFFALO, NEW YORK
OFFICE Pittsburgh, PA
DRAWN BY R. Wade 11 Jan 01
CHECKED BY
APPROVED BY
DRAWING NUMBER 768912-B23
O:\PIT Offices - CAD Files\Chicago\768912\768912B23.dwg
Plot Date/Time: 01/29/01 10:55am
Image: Xref: X-BASE
Format Revised: 12/15/99


SI-7 | 0-4' | 4'-8'
BENZENE | - | 87
METHYLENE CHLORIDE | - | 360 DJ
TOLUENE | 8,700,000 D | 35,000 D
XYLENES | - | 16,000 D
SI-6 | 0-4' | 4'-8'
ACETONE | 690 DJ | 420 DJ
BENZENE | 510 DJ | 410 DJ
ETHYLBENZENE | 3,400 D | -
TOLUENE | 95,000 D | 19,000 D
XYLENES | 1,100 | 7,600 D
SI-5 | 0-4' | 4'-8'
ETHYLBENZENE | 310 E | -
METHYLENE CHLORIDE | 3,400 D | -
TOLUENE | 160,000 D | 630,000
XYLENES | 2,600 D | 16,000 J
1,1-DICHLOROETHANE | 11,000 DJ | 16,000 J
1,1,1-TRICHLOROETHANE | 530 E | -
SI-8 | 0-4' | 4'-8'
ETHYLBENZENE | 14,000 J | -
TOLUENE | 6,000,000 D | 10,000,000 D
XYLENES | 79,000 J | 99,000 J
1,1,1-TRICHLOROETHANE | 12,000 J | 31,000 J
SI-9 | 0-4' | 4'-8'
ACETONE | - | 120
CHLOROETHANE | - | 2,700 D
ETHYLBENZENE | - | 4,100 D
TOLUENE | 340,000 D | 400,000 D
XYLENES | 8,400 D | 22,000 D
SI-4 | 0-4'
ACETONE | 580 D
SI-10 | 0-4' | 4'-8'
TOLUENE | 10,000,000 D | 2,900,000 D
SI-11 | 4'-8' | 8'-12'
TOLUENE | 8,000,000 D | 18,000 D
XYLENES | 19,000 J | -
SI-17 | 0-4' | 4'-8'
ACETONE | 1,000 DJ | -
ETHYLBENZENE | 10,000 D | -
METHYLENE CHLORIDE | 1,200 DJ | -
TOLUENE | 21,000 D | -
XYLENES | 66,000 D | 2,200 D
1,1-DICHLOROETHANE | 3,500 D | -
1,1,1-TRICHLOROETHANE | 1,200 DJ | -
4-METHY 1-2-PENTANON | 3,000 D | -
APPROXIMATE EDGE OF CLEARED AREA
DENSE FOLIAGE
LIMITS OF EXCAVATON PHASE 2
LIMITS OF EXCAVATON PHASE 1
PHASE 1 HOT SPOT
LIMITS OF EXCAVATON PHASE 3
PHASE 3 HOT SPOT
SITE LIMITS
MW-1
MW-2
MW-3
MW-4
MW-5
SI-1
SI-2
SI-3
SI-4
SI-5
SI-6
SI-7
SI-8
SI-9
SI-10
SI-11
SI-12
SI-13
SI-14
SI-15
SI-16
SI-17
SI-18
SI-19
SI-20
1 STORY BRICK BUILDING
FENCE ADDITION
ASPHALT
CONCRETE
OVERHEAD PIPING
STONE
LEGEND:
PROPERTY LINE
SITE LIMITS
MW-1 MONITORING WELL LOCATION
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Plot Date/Time: 01/29/01 10:52am
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