



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

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November 19, 2003

Subsurface Investigation Report
at the
FORMER VIBRATECH FACILITY
537 East Delevan
Buffalo, New York
Spill # 9710497 * PIN # H80271

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1.0 Introduction

Nature's Way Environmental Consultants & Contractors, Inc., (NWECC, Inc.) was contracted by the New York State Department of Environmental Conservation (NYSDEC) - Region 9, to identify the source, and determine the extent of petroleum contamination identified within the groundwater table in the upper portion of the bedrock, at the former VIBRATECH Facility, located at 537 E. Delevan and Winchester Avenue, Buffalo, New York (See Figure 7.1- Regional Site Location Map).

This investigation was initially authorized due to the discovery of an "oil-like floating layer" in MW-6, during a routine sampling event performed as part of the Hazardous Waste Remediation (HWR) project conducted by Conestoga-Rovers & Associates (CRA) in June of 2000.

The first phase of this investigation consisted of installing five (5) bedrock monitoring wells designated MW 1-02 through MW 5-02, in January 2002, on the southwest portion of the Vibrattech property in the vicinity of MW-6 (see Figure 7.2 - Monitoring Well Location Map). These wells were installed in an attempt to further identify the extent of the previously reported petroleum contamination at MW-6. Well development and sampling efforts, performed in January of 2002, identified accumulations of free phase petroleum product present in MW 6, MW 1-02 and MW 3-02. The results and observations from this investigation indicated that a product source is present at the Site in an up-gradient direction (east) of MW-6 (See Figure 7.3a)

Additional well development and sampling, performed in January of 2003 (Figure 7.3b), identified free phase petroleum product in MW 1-02, 3-02, 4-02, 5-02, MW 5, and MW 6. Also during this site visit, an apparent oil sheen was noticed emanating through the brick lined sewer manhole along Winchester Avenue. The presence of free phase petroleum in MW 5, located up-gradient, prompted further site reconnaissance in an up-gradient (easterly) direction. Two #6 heating oil UST's were identified east (outside) of the old boiler room. These UST's were located, gauged and found to contain thick dark gray colored product. Because the product in the UST's and that found in the monitoring wells were visually similar, the NYSDEC authorized the installation of several additional bedrock wells in the vicinity of the UST's. During January and February of 2003, nine additional bedrock wells were installed.



1.1 Objectives

The primary objectives of these subsurface investigations were to:

Define the areal and vertical extent of subsurface free-phase petroleum contamination which was initially identified at (MW 6) in the southwestern portion of the property near the former loading docks.

Determine the source(s) of this free-phase petroleum contamination.

2.0 Site Description

2.1 Site Location/Setting

The site is located at 537 East Delevan, on the east side of Winchester Avenue in the City of Buffalo, Erie County, New York (Figure 7.1). This mixed old industrial and residential area is serviced by public water and sewer. The main area of concern is the southern portion of the former VIBRATECH facility.

3.0 Investigative Methodology

3.1 Soil/Rock Borings

A Diedrich D-50 and/or Acker AD II drilling rigs were utilized to secure overburden soil samples and to advance 4 1/4 inch I.D. hollow stem augers according to ASTM-D-1586 specifications. Bedrock cores were obtained by advancing an HQ size core barrel according to ASTM-D-2113 specifications.

Collected soil and bedrock samples were examined and classified on-site by NWECC's, Senior Geologist. Collected soil samples were stored in clean 8 oz., sample jars and set aside for a minimum 15 minute period at approx. 70 F, to allow concentrations of volatile organic compounds (VOC) to accumulate. Bedrock core samples were properly labeled and stored in wooden core boxes.

Sample descriptions, well installation details and OVM measurements were recorded and are presented on boring logs which were generated for each soil/bedrock boring (Appendix 8.1 - Soil Boring /Monitoring Well Log).



3.1.1 OVM/PID Screening

A model 580 S OVM Photo-Ionization Detector (OVM/PID), calibrated daily to a 100 ppm Isobutylene Standard, was utilized to quantify VOC concentrations within the sample jar head space.

3.1.2 Sample Selection (Soil)

A total of two (2) representative soil samples from the first phase of the investigation performed by NWECC&C (January 2002), were submitted to the Lozier Analytical Group for laboratory analysis by EPA Method 8260 GC/MS and 8270 STARS.

These two (2) samples were selected based on the presence of free phase petroleum observed within the bedrock during coring operations at these locations. No soil samples were submitted for analysis from this phase of the investigation as field screening results did not detect the presence of contamination in the overburden soils.

3.2 Monitoring Well Installation, Gauging and Sampling

The monitoring wells installed by NWECC&C, Inc., were located and constructed with the objectives of: determining depth to groundwater, to detect potential free-phase petroleum contamination, and to determine groundwater flow patterns.



3.2.1 Monitoring Well Installation

A total of fourteen (14) monitoring wells (MW-1-02 through MW-5-02) installed in January of 2002 and (MW 6-03 through MW 14-03) installed in February 2003.

These wells were installed within the overburden/bedrock at selected locations across the site. MW 1-02 through MW 5-02 were constructed of two (2) inch inside diameter ASTM flush threaded .010 or .020 inch slot stainless steel screens and riser pipe. MW 6-03 through MW 14-03 were constructed of two (2) inch inside diameter ASTM flush threaded .010 slot PVC screen and riser pipe. (See Appendix 8.1 for soil boring logs / monitoring well details)

3.2.2 Monitoring Well Gauging

February of 2003, the top of casing (TOC) elevations were established for all installed wells utilizing the USGS elevations reported for the pre-existing Hazardous Waste Remediation (HWR) wells. A sonic interface probe was utilized to gauge water levels and total depths at the monitoring wells, to determine the volume of water present in each well for development purposes, to determine if free-phase petroleum product is present, and to establish ground water flow direction.

3.2.3 Well Development and Sampling

Several rounds of well development and sampling were performed throughout the various phases of this investigation.

Eight (8) of the wells, (MW 1-02 through MW 5-02, MW 2, MW 6 and MW 7) located within the initial petroleum impacted area of concern, were developed (purged) on January 23rd, 2002, to obtain representative water and free phase petroleum samples for analytical testing (Figure 7.3a).

The ground water samples from these wells were analyzed by EPA Method 8260 and 8270 STARS. Representative samples from MW 1-02, MW 3-02 and MW 6, which contained free phase petroleum were also analyzed by EPA method 310.13 (which was performed on the water portion of the sample).



3.2.3 Well Development and Sampling (continued)

The following year (January 2nd, 2003) groundwater samples were secured from (MW 2, MW 6, MW 7, MW 2-02 and MW 5-02) and analyzed by EPA Method 8260 TCL. At this time several product samples were secured from the product bearing wells (MW 1-02, MW 4-02 and MW 5) along with a product sample from the #6 heating oil UST and the hydraulic lines under the loading dock. These samples were also analyzed by Method 8260 TCL. (Figure 7.3b)

On February 25th, 2003, the newly installed monitoring wells (MW 6-03 through MW 14-03) in the southeastern portion of the site were developed, sampled and analyzed by EPA Method 8260 TCL, along with DOH Method 310.13, and chromatographic fingerprint comparison, and PCB's (EPA Method 8080) (Figure 7.3c).

4.0 Investigation Results & Findings

4.1 Geologic Description/Condition

The investigated area on the west side of the Facility is mantled with a thin layer of asphalt with a sand and gravel base to a depth of +/- 1.0 feet below ground surface (BGS). MW 5-02 positioned within the building encountered concrete at the surface which is present to a depth of 0.7 feet BGS. An apparent concrete slab was encountered at a depth of +/-3.5 BGS, in MW 1-02 and MW 5-02. Man deposited soil fill with varying textures and gravel contents is present throughout this portion of the site at depths ranging from 5.0 to 7.0 feet BGS. This fill material is present throughout the soil profile in MW 4-02, to the top of bedrock, at a depth of 5.1 feet BGS.

The natural soils identified below the fill consist of fine textured lake deposited sediment with a (CLAYEY-SILT) texture and/or glacial deposits extending to the top of bedrock at depths ranging from 8.2 to 11.5 feet BGS at the remaining locations.

The subsurface conditions present in monitoring wells MW 6-03 through MW 14-03, performed on the eastern side of the site, encountered fill material at depths ranging from 1.0 to 6.5 feet BGS. The fill material is underlain by (CLAYEY-SILT) textured lake sediment and/or glacial till extending to the top of bed rock which ranges from 1.8 to 8.0 feet BGS



4.1 Geologic Description/Condition (continued)

The bedrock encountered at the site is typical of the Onondaga Limestone Formation. This bedrock unit is gray in color, very hard and occurs in very thin to thin beds 1 to 5 inches thick. Thin fracture zones and/or weathered bedding planes were encountered at each of the core locations with several location on the east and west sides of the site possessing an oil sheen and petroleum and/or chemical odor.

The most notable fractures and presence of oil sheen and free phase liquid occurred in MW 1-02 and MW 3-02 positioned in the approximate center of the western portion of the study area.

MW 1-02 - a fracture zone was encountered between 12.5 to 13.0 feet BGS, where all water return was lost. Close examination of the core revealed a pronounced sheen and strong petroleum odor within this fractured interval.

MW 3-02 - from 9.2 to 10.0 feet BGS, numerous vertical fractures were observed, with a noticeable oil sheen present. Below 10.0 feet and extending to a depth of 12.5 feet BGS, a soil filled layer was encountered and contained a thick, dark gray oily substance.

The most noticeable presence of "free phase oil" product encountered within the bedrock, on the east side of the site occurred in MW 6-03, MW 7-03, MW 8-03 and MW 9-03.

MW 6-03-below 9.0 feet occasional vertical fractures and weathered bedding planes contained thick, dark gray oil.

MW 7-03-encountered occasional thin fracture zones which possessed dark gray oil and an iridescent sheen.

MW 8-03-vertical fractures were noticed between 5.0 to 6.0 feet BGS along with numerous weathered zones containing black oil and an iridescent sheen.

MW 9-03-noticed thick dark gray oil along a bedding plane at 12.0 feet BGS with an oil sheen present along the bedding planes in the interval from 9.6 to 13.0 feet BGS.



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4.1.1 PID/OVM Volatile Organic Compound (VOC) Screening Results (Soil Samples)

The results from the OVM/PID screening for all sample intervals for each boring are provided on the individual boring logs. OVM readings for all intervals throughout the soil profile registered 0.0 ppm.

4.1.2 Analytical Results (Soil Samples)

The soil samples secured from MW 1-02 and MW 3-02, were submitted to the Lozier Analytical Group for analysis via EPA Method 8260 and 8270 GC/MS based upon the discovery of free phase petroleum present on the groundwater surface within the monitoring wells installed at these locations.

Analytical results obtained for these soil samples are provided in the attached accompanying laboratory reports (Appendix 8.2). The analytical results obtained from these soil samples were all below laboratory detection limits.

4.2 Groundwater Investigation Results

4.2.1 Monitoring Well Installation, Gauging and Groundwater Flow

Of the previously installed monitoring wells, four were located and utilized in this investigation and include wells MW 1, MW 2, MW 6 and MW 7.

NWEC&C, Inc., performed this investigation in two phases. The first phase was conducted in January 2002, with the installation of five bedrock monitoring wells with the nomenclature of MW 1-02 through MW 5-02 (the suffix 02 - signifying year 2002). All nine (9) wells on-site consist of two (2) inch diameter stainless steel screen and riser. Well development and sampling of the pre-existing wells and the 02 wells was conducted in (1/02).



4.2.1 Monitoring Well Installation, Gauging and Groundwater Flow

The elevations to the top of the water table in the eight (8) bedrock wells present in the southwestern portion of this property are presented in the water level data tables and groundwater flow maps included as an attachment to this report. Groundwater data obtained on January 21st, 2002, identified that the water table resides at a depth of 4.61 to 11.89 feet BGS with the elevations ranging from 644.99 to 642.49 feet across this portion of the site. Based on this data, the general site ground water flow converges toward the center of the loading ramp in the vicinity of MW 3-02 and eventually flows in a northwesterly direction toward MW 7 and the existing Winchester Avenue sewer (See Figure 7.5a)

Due to the findings of the (1-02) gauging and sampling event and additional site reconnaissance, nine (9) additional monitoring wells were installed in the southeastern portion of the site during the time period from January 20th through February 3rd, 2003, and include (MW 6-03 through MW 14-03). All nine (9) of these wells consist of two (2) inch diameter schedule 40 PVC screen and riser.

The elevations to the top of the water table in all seventeen (17) bedrock wells present across the southern portion of this property are presented in Figures 7.3d and 7.5b. With the additional data provided by the second phase of investigation, groundwater flow data obtained on June 20th, 2003, identified that the water table resides at a depth of 4.53 to 11.96 feet BGS with the elevations ranging from 649.46 to 642.31 feet across this portion of the site. Based on this data, the general site ground water flow converges toward the UST area and eventually flows in a westerly direction toward MW 3 and the loading ramp and eventually toward MW 7 and the Winchester Avenue Sewer.



4.2.2 Analytical Results (Groundwater Samples)

Analytical results obtained for the groundwater samples are summarized in the attached Groundwater Analytical Results Table(s) of the detected analytes only (Figures 7.4a - 8260, 7.4b - 310.13, and 7.4c-PCB's) and on the laboratory reports included as (Appendix 8.3) of this report. The initial water samples were analyzed by EPA Method 8260 and 8270 GC/MS. Analytical results are posted on Figure 7.6 (8260 Chlorinated Analytical Map) and Figure 7.7 (Total 8260 minus Chlorinated Map).

The 8260 analytical results from numerous monitoring wells exceed the NYSDEC TOGS 1.1.1 Standards/Guidance Values for 8260 list. MW 1-02, 6-03, 7-03, 8-03, 11-03 and MW 14-03 exceeded guidance values for both chlorinated solvent compounds and STARS List compounds.

Monitoring wells, MW 3-02, MW 4-02, MW 2, MW 6, MW 9-03, MW 10-03, MW 12-03, MW 13-03 and MW 14-03 identified only chlorinated solvent compounds above TOGS 1.1.1 guidance values. MW 5 was the only well in which only petroleum constituent compounds were identified. However, other analytes may have been present in the sample, but due to highly elevated detection limits (results in ppm), were not reported. Elevated detection limits were also reported for other samples secured during the 1/02/03 sampling event in which all analytes were below detection limits, but can not be compared to guidance values / standards.

It should be noted that monitoring wells MW 5, MW 6, MW 7, MW 1-02, MW 3-02, MW 4-02, 5-02 and MW 8-03 contain free phase product. Water samples from MW 5-02 and MW 7 have been below laboratory detection limits (MW 7) or TOGS 1.1.1 (MW 5.02). Historical Product thickness are presented on Figure 7.8 (Product Thickness Map)

The results obtained from the 8270 analysis from the eight (8) wells were all below the laboratory detection limits.



4.2.3 Analytical Results (Groundwater Samples - Product Identification)

The analytical results on the groundwater samples obtained from the wells which contain free phase petroleum, identified Lube Oil as being present based on the results of the DOH 310.13. The presence of lube oil (not fuel oil) does not appear to link the product in the UST's to that found in the petroleum bearing wells.

Chromatographic fingerprint comparisons were also performed on the product samples secured from the petroleum impacted wells for comparison with the oil present in the UST's. Based on chromatographic results and discussions with an independent laboratory (Mr. Bruce Hoogesteger with Paradigm Environmental Services, Inc.) the product present in several of the monitoring wells exhibits similarities to lube oil (Laboratory analytical reports including chromatographs are included in Appendix 8.3)

Despite Product Identification analytical results to the contrary it is our opinion that the free phase product present in several on-site monitoring wells, which was identified as lube oil by DOH 310.13 analytical methodology, may be extensively weathered #6 fuel oil. This opinion is based on the field observations of the oil present in the fractures and bedding planes within the bedrock and comparisons of the free-phase product present in the monitoring wells to that found in the UST's. The free phase product observed in MW 6 and MW 5-02 was light in color and had the appearance of lube oil, while the product in the other wells was darker in color and more viscous, more closely resembling the fuel oil within the UST's.

4.2.4 Analytical Results (Groundwater Samples - PCB's)

Samples from the nine wells positioned around the UST's as well as the UST contents were analyzed for PCB's by Method 8080 identified. The results indicated that no PCB were present. A sample secured from an oil filled "I" beam inside the Vibratex facility identified Aroclor 1248 at a level of 5.9 ppm.



5.0 Summary & Conclusions

The analytical results obtained from the seventeen (17) monitoring wells indicate that concentrations of chlorinated VOC's above the NYSDEC published guidance values exists in MW 2 and MW 6, MW 3-02, MW 4-02 and MW 6-03 through MW 14-03. Results and Observations indicate that two (2) contaminant types/sources are present at the Site (petroleum distillates and chlorinated solvents).

Free phase petroleum contamination was found to be present at several wells across the site including MW 5, MW 6, MW 7, MW 1-02, MW 3-02, MW 4-02, MW 5-02, MW 7-03 and MW 8-03. The petroleum identification analysis performed at five (5) product bearing wells detected lube oil present. Previous analytical data obtained from MW 6 also identified lube oil. Dissolved Phase Chlorinated VOC contamination is also present across the site.

The total detected 8260 analytes (STARS List) minus chlorinated indicates those wells impacted with dissolved petroleum contamination include MW 5, MW 1-02, MW 6-03, MW 7-03, MW 8-03, MW 11-03, MW 14-03 and the UST's.

The groundwater flow identified across the site, converges toward the existing UST area in the southeast portion of the site, as well as the center of the loading ramp access area in the vicinity of MW 1-02 and MW 3-02, and eventually flows in a westerly direction toward MW 7 and the Winchester Avenue sewer.

Based on review of the data collected during the subsurface investigation it appears that the free phase lube oil contamination and/or extensively weathered #6 fuel oil exists predominantly within the weathered and fractured portions of the bedrock in the vicinity the UST's and extending to the former loading dock area and Winchester Avenue storm sewer.

Information obtained from a previous report submitted by CRA, Titled "Soil Remediation Construction Summary" dated March 4th, 1996, stated that while excavating soils for placement into SVE piles, "soil contaminated with fuel oil #6 was encountered". This soil was inappropriate for treatment within the SVE system and was disposed of off site. A total of 132.5 tons of #6 fuel oil contaminated soil was disposed at Chemical Waste Management. It is likely that this contamination, associated with the railroad spur, and/or UST's, are the source(s) of oil contamination in the bedrock.



6.0 Recommendations

Excavate, Remove, Inert, Cut, Clean and Dispose the two existing #6 fuel oil petroleum UST'S and remove all accessible petroleum impacted soil from around the UST's.

In an effort to remediate the site in a cost-effective and technically-feasible manner we recommend the installation of a low-flow recovery pumping system that pumps impacted groundwater and free product together. By limiting the pumping rate of the system, a small but sufficient water table depression will be created to allow for the migration of product into the recovery well, while keeping the volume of recovered groundwater to a minimum. A 6-inch diameter recovery well should be installed adjacent to the existing two-inch diameter monitoring wells MW 3-02 or MW 1-02 located down-gradient from the suspected source. The larger diameter recovery well is necessary to accommodate the pumping system.

The product Recovery/Groundwater Depression well should be connected to an above-ground oil water separator and activated carbon filtration treatment system to remove recovered contaminants. Discharge of treated water should be to the sanitary sewer.

Remedial progress should be monitored through quarterly gauging and sampling of the existing monitoring wells until remedial objectives have been achieved.



7.0 FIGURES

7.1 Regional Site Location Map

7.2 Monitoring Well Location Map

7.3 Groundwater Elevation Tables

7.3.a January 2002

7.3b January 2003

7.3c March 2003

7.3d June 2003

7.4 Sample Log

7.4a EPA Method 8260 Results Table

7.4b NYSDOH Method 310.13 Results Table

7.4c EPA Method 8080 for PCB's Table

7.5 Groundwater Flow Maps

7.5a January 2002

7.5b June 2003

7.6 Posted 8260 (Chlorinated) Analytical Map

7.7 Posted 8260 (minus Chlorinated) Analytical Map

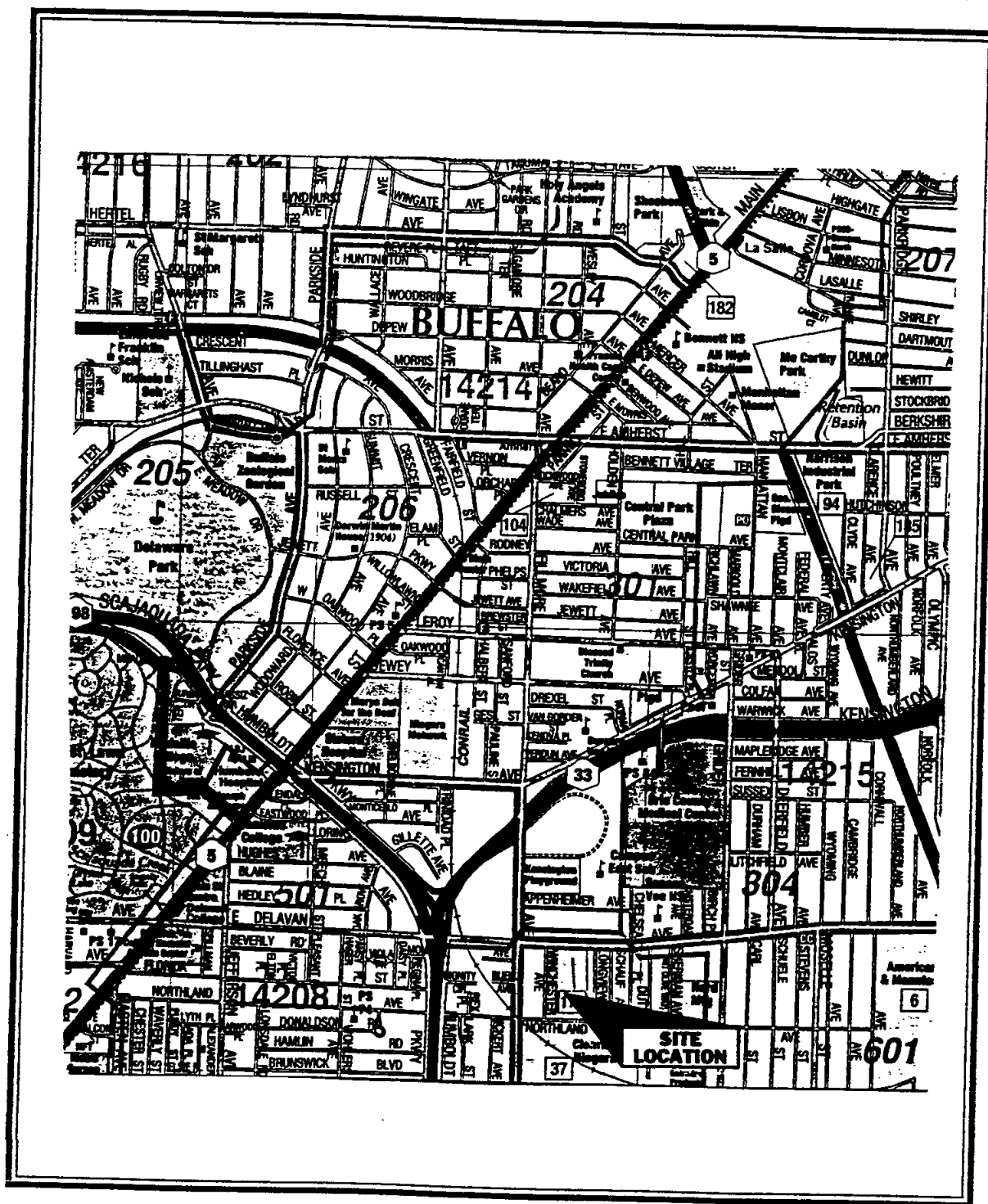
7.8 Product Thickness Map

7.9 Hydraulic Line Sample Location Map



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Regional Site Map

Former Vibratex Facility
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Figure 7.1

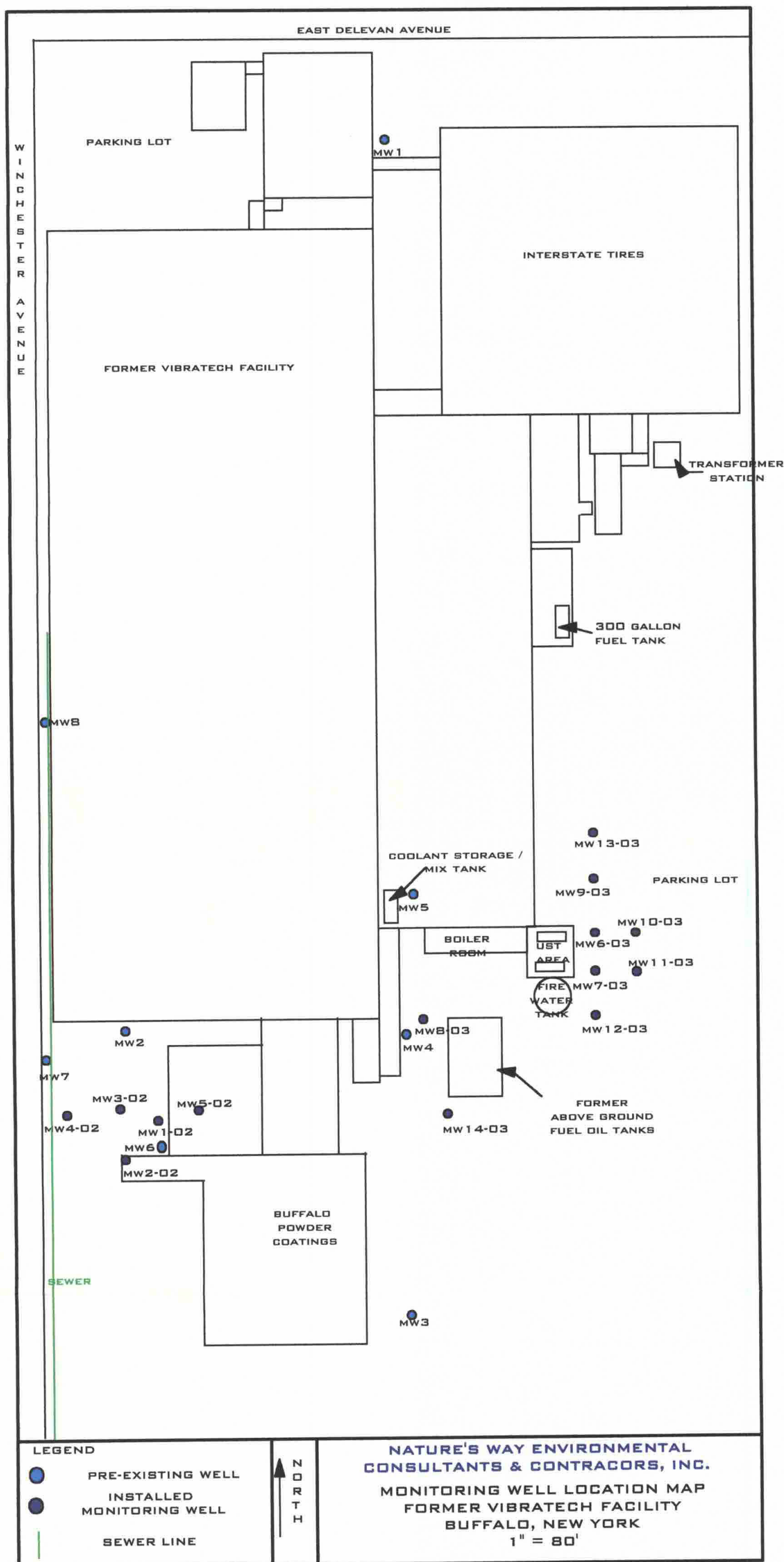


FIGURE 7.2



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Figure 7.3a

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Groundwater Elevation Table

January 21st, 2002

Monitoring Well #	TOC Elevation	Water Level	Water Table Elevation
MW 1-02	656.01	11.48	644.53
MW 2-02	652.95	8.48	644.47
MW 3-02	652.55	8.39	644.16
MW 4-02	650.30	5.82	644.48
MW 5-02	656.23	11.24	644.99
MW 2	649.34	4.61	644.73
MW 6	656.35	11.89	644.46
MW 7	649.58	7.09	642.49



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Figure 7.3b

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Groundwater Elevation Table

January 2nd, 2003

Monitoring Well #	TOC Elevation	Water Level	Water Table Elevation
MW 1-02	656.01	11.3	644.71
MW 2-02	652.95	8.23	644.72
MW 3-02	652.55	8.11	644.44
MW 4-02	650.30	6.56	643.74
MW 5-02	656.23	10.44	645.79
MW 2	649.34	4.01	645.33
MW 5	654.05	6.77	647.28
MW 6	656.35	11.50	644.85
MW 7	649.58	7.05	642.53



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Figure 7.3c

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Groundwater Elevation Table

March 4th, 2003

Monitoring Well #	TOC Elevation	Depth to Product	Water Level	Product Thickness	Corrected Water Level	Water Table Elevation
MW 1-02	656.01	11.20	13.20	2.0	11.6	644.41
MW 2-02	652.95	-	-	-	-	-
MW 3-02	652.55	-	-	-	-	-
MW 4-02	650.30	-	-	-	-	-
MW 5-02	656.23	11.02	11.04	.02	11.02	645.21
MW 2	649.34	-	-	-	-	-
MW 5	654.05	6.80	7.00	.20	6.84	647.21
MW 6	656.35	11.76	11.80	.04	11.77	644.58
MW 7	649.58	-	-	-	-	-
MW 6-03	654.69		8.90			645.79
MW 7-03	653.47		8.62			644.85
MW 8-03	653.76	6.55	7.10	.55	6.66	647.10
MW 9-03	655.25		9.14		trace oil	646.11
MW 10-03	654.63		9.23			645.38
MW 11-03	654.27		9.46			644.81
MW 12-03	653.00		8.22		trace oil	644.78
MW 13-03	655.60		8.73			646.87
MW 14-03	653.99		4.54		trace oil	649.45

- wells buried under +/- 2.0 feet of snow



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Figure 7.3d

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Groundwater Elevation Table

June 20th, 2003

Monitoring Well #	TOC Elevation	Depth to Product	Water Level	Product Thickness	Corrected Water Level	Water Table Elevation
MW 1-02	656.01	11.25	13.95	2.7'	11.79	644.21
MW 2-02	652.95	-	8.63	-	-	644.32
MW 3-02	652.55	8.1	9.15	1.05'	8.31	644.24
MW 4-02	650.30	6.8	7.13	.33'	6.86	643.43
MW 5-02	656.23	-	11.41	-	-	644.82
MW 2	649.34	-	4.88	-	-	644.46
MW 5	654.05	6.83	7.14	.31'	6.89	647.16
MW 6	656.35	11.96	11.97	.01'	11.96	644.39
MW 7	649.58	7.27	7.28	.01'	7.27	642.31
MW 6-03	654.69	-	9.24	-	-	645.45
MW 7-03	653.47	-	7.27	-	-	646.20
MW 8-03	653.76	7.35	7.50	.15'	7.38	646.38
MW 9-03	655.25	-	9.20	-	-	646.05
MW 10-03	654.63	-	9.27	-	-	645.36
MW 11-03	654.27	-	9.51	-	-	644.76
MW 12-03	653.00	-	-	-	-	*
MW 13-03	655.60	-	9.43	-	-	646.17
MW 14-03	653.99	-	4.53	-	-	649.46



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Vibratech Sampling Log
01-03 through 04-03

FIGURE 7.4

Date	Location	Product	8260	Analysis		8270	Soil
				310.13	PCB		
1-25-02	MW 1-02		*			*	
	MW 2-03		*			*	
	MW 3-02		*			*	
	MW 4-02		*			*	
	MW 5-02		*			*	
	MW 2		*	*		*	
	Mw 6		*	*		*	
	MW 7		*	*		*	
	MW1-02 (10.5'-11.8')		*			*	*
	MW 3-02 (7'-9')		*			*	*
01-02-03	MW 5-02		*				
	MW 7		*				
	MW 2		*				
	MW 6		*				
	MW 2-02		*				
	MW 1-02	*	*	*			
	UST	*	*	*			
	MW 5	*	*	*			
	MW 4-02	*	*	*			
	Hydraulic Line	*		*			
02-03-03	Oil Sample	*	*	*	*		
	From I Beam						
01-08-03	North UST	*	*	*			
02-25-03	MW 6-03		*	*	*		
	MW 7-03		*	*	*		
	MW 8-03		*	*	*		
	MW 9-03		*	*	*		
	MW 10-03		*	*	*		
	MW 11-03		*	*	*		
	MW 12-03		*	*	*		
	MW 13-03		*	*	*		
	MW 14-03		*	*	*		
03-25-03	MW 1	*	*	*		*	
	MW 4-02	*	*	*		*	
	MW 8-02	*	*	*		*	
3-31-03	MW 7	*		*			
	MW 12	*		*			
04-03-03	Tank #1	*			*		
	Tank #2	*			*		

FIGURE 7.4a

Former Vibrattech Facility
8260 Full List (Detected analytes only) Table - Results in ppb unless otherwise noted

Date	ID	Benzene	Chloroethane	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethylbenzene	Toluene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride	Xylenes	sec-Butylbenzene	Napthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total
Standard /GV		0.7ppb	5.0ppb	7.0ppb	5.0ppb	5.0ppb	5.0ppb	5.0ppb	5.0ppb	5.0ppb	5.0ppb	5.0ppb	5.0ppb	5.0ppb	10.0ppb	5.0ppb	5.0ppb	
1/23/02	MW 1-02	-	-	-	27.1	-	43.0	-	41.6	-	-	-	-	-	-	-	-	111.7
	MW 2-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL
	MW 3-02	-	-	-	45.3	-	37.6	-	-	-	-	-	-	-	-	-	-	82.9
	MW 4-02	-	-	-	95.7	-	28.5	-	-	-	-	14.3	-	-	-	-	-	138.5
	MW 5-02	-	-	-	-	-	-	-	-	-	-	-	-	4.4	-	4.7	-	9.1
	MW 2	-	22.0	-	181.9	-	195.5	-	-	23.7	-	33.9	-	-	-	-	-	457.0
	MW 6	-	-	-	-	-	10.3	-	-	-	-	-	-	-	-	-	-	10.3
	MW 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL
1/02/03	* MW 1-02	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	*BDL
	MW 2-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL
	* MW 4-02	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**BDL
	* MW 5-02	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	_*	*BDL
	MW 2	-	-	-	100.0	-	14.0	-	-	110.0	16.0	-	-	-	-	-	-	240
	** MW 5	**	**	**	**	**	**	-	-	**	**	**	33.0 ppm	**	**	**	**	**33ppm
	MW 6	-	-	-	25.0	-	25.0	-	-	-	-	26.0	-	-	-	-	-	76
	MW 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL
	** S UST	**	**	**	**	**	**	27.0 ppm	47.0 ppm	**	**	**	170.0 ppm	39.0ppm	340.0ppm	270.0ppm	95.0ppm	**988ppm
1/08/03	** N UST	**	**	**	**	**	**	29.0 ppm	28.0 ppm	**	**	**	190.0 ppm	49.0ppm	380.0ppm	320.0ppm	130.0ppm	**1126ppm
2/03/03	I Beam	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**BDL
2/25/03	MW 6-03	26.0	320.0	-	160.0	-	210.0	-	5.1	210.0	-	250.0	12.0	-	33.0	18.0	9.0	1253.1
	MW 7-03	4.6	45.0	-	370.0	3.4	45.0	-	-	180.0	26.0	28.0	-	-	-	-	-	702
	MW 8-03	-	-	-	5.4	-	11.0	1.6	3.8	1.0	-	7.4	5.7	-	7.3	4.3	-	47.5
	MW 9-03	-	10.0	3.5	16.0	-	71.0	-	-	29.0	170.0	27.0	-	-	-	-	-	326.5
	MW 10-03	-	1.4	1.1	12.0	-	23.0	-	-	14.0	42.0	1.2	-	-	-	-	-	94.7
	MW 11-03	5.9	45.0	2.0	640.0	4.2	53.0	-	-	390.0	72.0	32.0	1.9	-	-	-	-	1246
	MW 12-03	-	14.0	-	60.0	-	47.0	-	-	46.0	52.0	14.0	-	-	-	-	-	233
	MW 13-03	-	-	-	1.5	-	2.5	-	-	6.1	16.0	-	-	-	-	-	-	26.1
	MW 14-03	1.0	1.8	-	19.0	-	41.0	-	1.8	-	3.8	14.0	2.0	-	2.8	1.3	-	88.5
3/25/03	MW1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL

* - Elevated Detection Limits (too high to compare relation to guidance standards / values)
** - Results in ppm (laboratory detection limits are too high to compare to TOGS 1.1.1)
BDL = Below laboratory detection limits
Bolded Intervals Exceed Standards / Guidance Values published in the 1998 TOGS 1.1.1 for the (GW) water class

FIGURE 7.4b

Former Vibrattech Facility
537 East Delevan
Buffalo, New York
NYSDEC Spill#9710497

EPA 310.13 Results

Results in %w/w and mg/l																						
	1/23/02	1/23/02	1/23/02	1/02/03	1/02/03	1/02/03	1/02/03	1/02/03	1/08/03	2/03/03	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	3/25/03	3/25/03	3/25/03
	MW 1-02	MW 3-02	MW 6	MW 1-02	MW 4-02	MW 5	Hydraulic Line	UST Sample (S #1)	North UST	1 Beam	MW 6-03	MW 7-03	MW 8-03	MW 9-03	MW 10-03	MW 11-03	MW 12-03	MW 13-03	MW 14-03	MW 1	MW 4-02	MW 8-03
Fuel Oil#2	<0.1 mg/l	<0.1 mg/l	<0.1 mg/l	<10 %w/w	<10 %w/w	<10 %w/w	**	28 %w/w	29 %w/w	<20 mg/kg	<2mg/l	<2mg/l	<10 mg/l	<2mg/l	<2mg/l	<2mg/l	<2mg/l	<2mg/l	<2mg/l	<0.1 mg/l	<1.0 %w/w	<1.0 %w/w
Gasoline	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Kerosene	<0.1 mg/l	<0.1 mg/l	<0.1 mg/l	<10 %w/w	<10 %w/w	<10 %w/w	<10 %w/w	<10 %w/w	<1%w/w	<20 mg/kg	<2mg/l	<2mg/l	<10 mg/l	<2mg/l	<2mg/l	<2mg/l	<2mg/l	<2mg/l	<2mg/l	<0.1 mg/l	<1.0 %w/w	<1.0 %w/w
Lube Oil	16.3 mg/l	<0.1 mg/l	<0.1 mg/l	P	P	P	**	NP	NP	P	NP	NP	P 1200mg/l	NP	NP	NP	P 34mg/l	NP	NP	NP	P >99% w/w	P >99% w/w

** This NYS DOH 310-13 identification of this sample is inconclusive. Although it appears to contain some straight chain hydrocarbons that match those of Fuel Oil, it has a retention time and shape that more closely resembles Lube Oil

FIGURE 7.4c

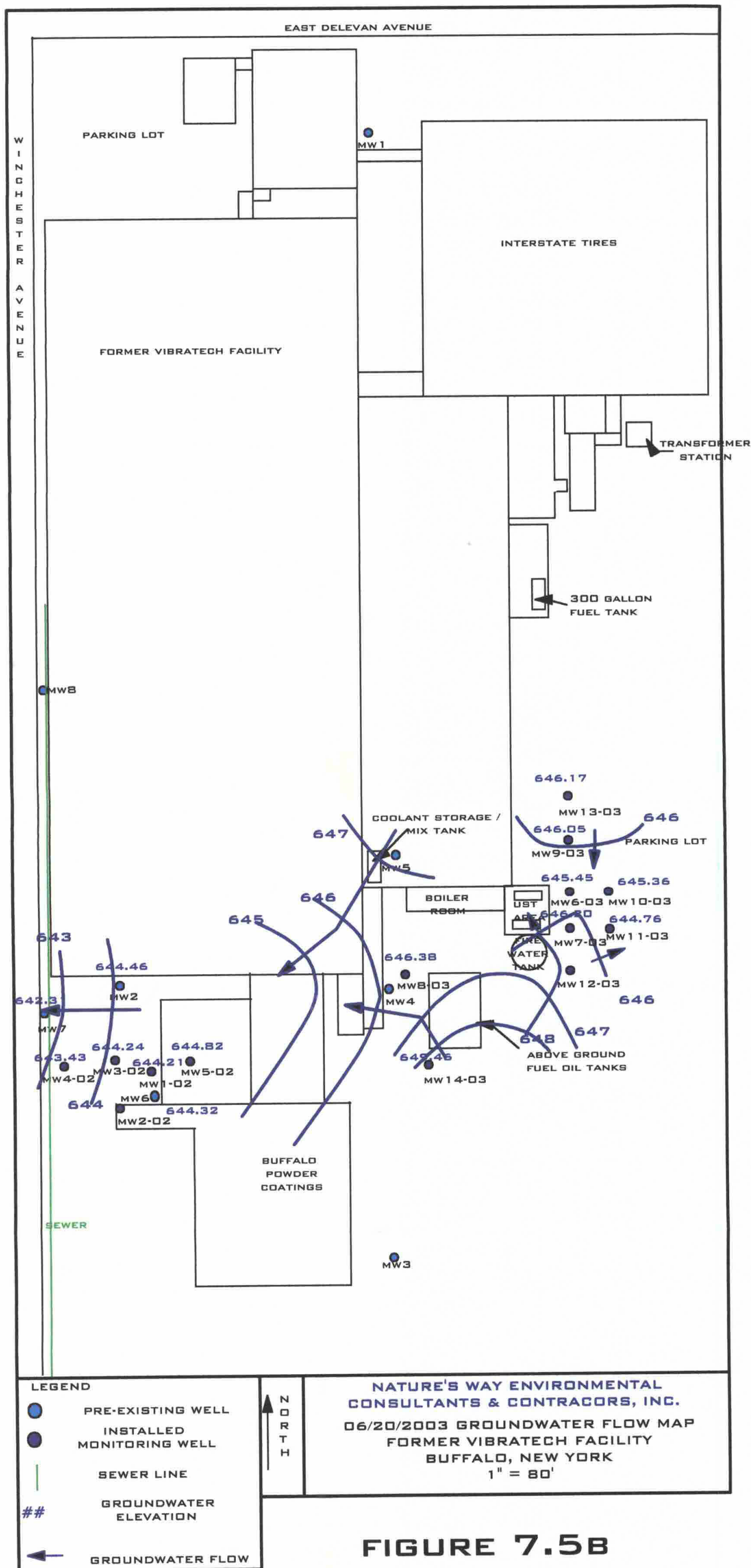
Former Vibrattech Facility
 537 East Delevan
 Buffalo, New York
 NYSDEC Spill#9710497

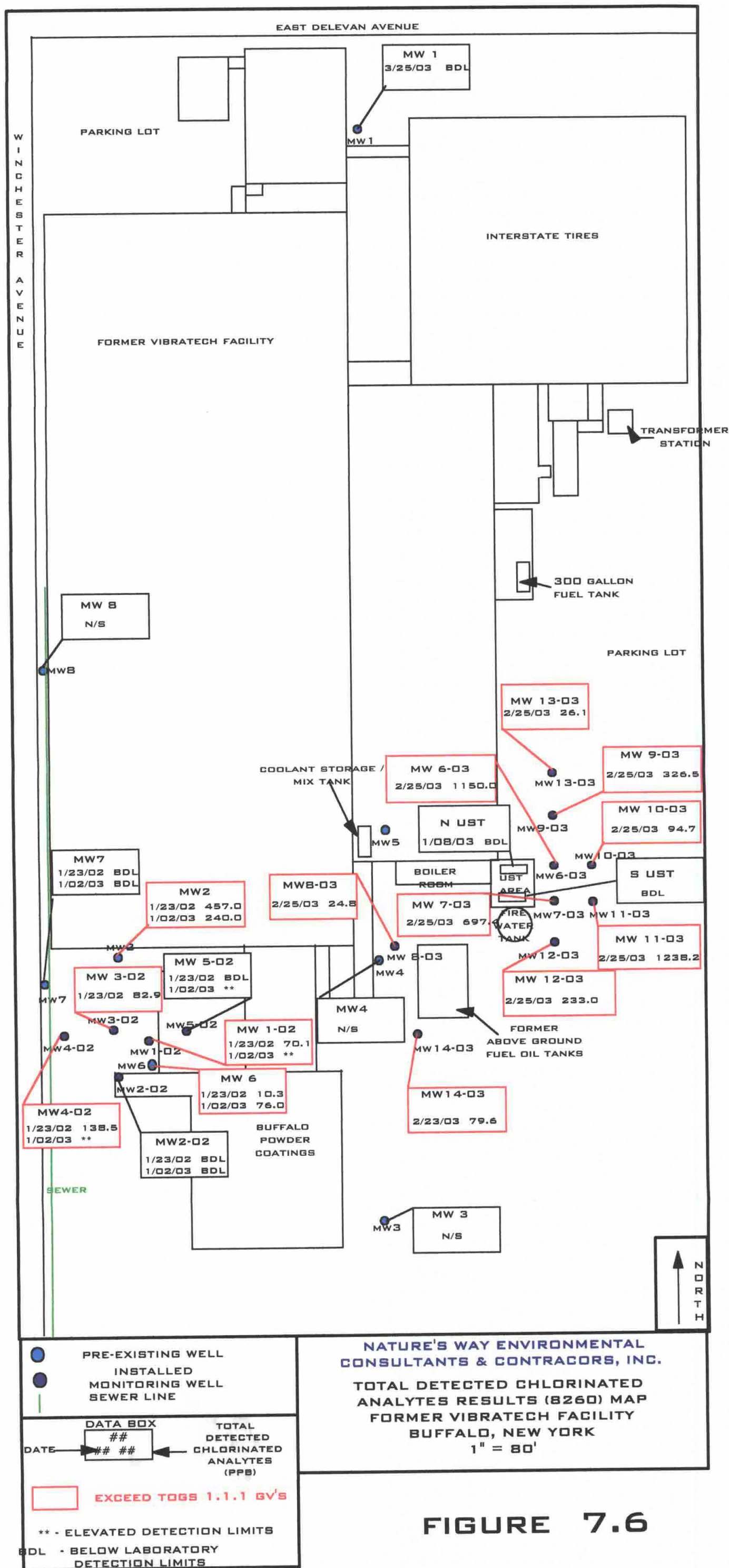
PCB's Results

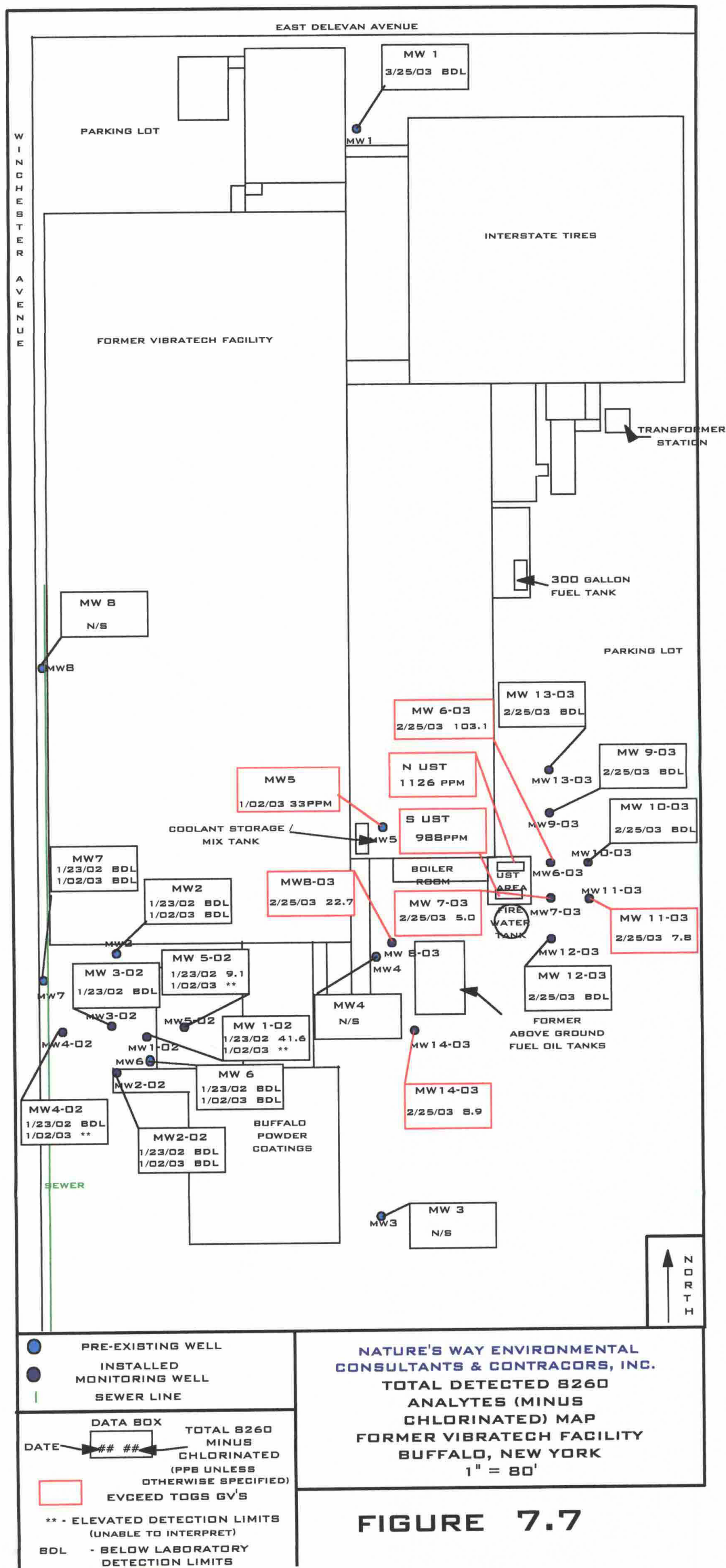
PCB's By 8080 Soil = ug/l (unless otherwise noted)

	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	2/25/03	2/03/03	4/03/03	4/030/03
Parameter	MW 6-03	MW 7-03	MW 8-03	MW 9-03	MW 10-03	MW 11-03	MW 12-03	MW 13-03	MW 14-03	1 Beam	Tank Contents 1	Tank Contents 2
Aroclor 1016	<0.2	<0.2	<1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.0 mg/kg	<2.0 mg/kg	<2.0 mg/kg
Aroclor 1221	<0.2	<0.2	<1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.0 mg/kg	<2.0 mg/kg	<2.0 mg/kg
Aroclor 1232	<0.2	<0.2	<1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.0 mg/kg	<2.0 mg/kg	<2.0 mg/kg
Aroclor 1242	<0.2	<0.2	<1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.0 mg/kg	<2.0 mg/kg	<2.0 mg/kg
Aroclor 1248	<0.2	<0.2	<1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	5.9 mg/kg	<2.0 mg/kg	<2.0 mg/kg
Aroclor 1254	<0.2	<0.2	<1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.0 mg/kg	<2.0 mg/kg	<2.0 mg/kg
Aroclor 1260	<0.2	<0.2	<1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.0 mg/kg	<2.0 mg/kg	<2.0 mg/kg
Total	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.9	BDL	BDL

BDL = Below Laboratory Detection Limits







NATURE'S WAY ENVIRONMENTAL CONSULTANTS & CONTRACORS, INC.
 TOTAL DETECTED 8260 ANALYTES (MINUS CHLORINATED) MAP
 FORMER VIBRATECH FACILITY
 BUFFALO, NEW YORK
 1" = 80'

FIGURE 7.7

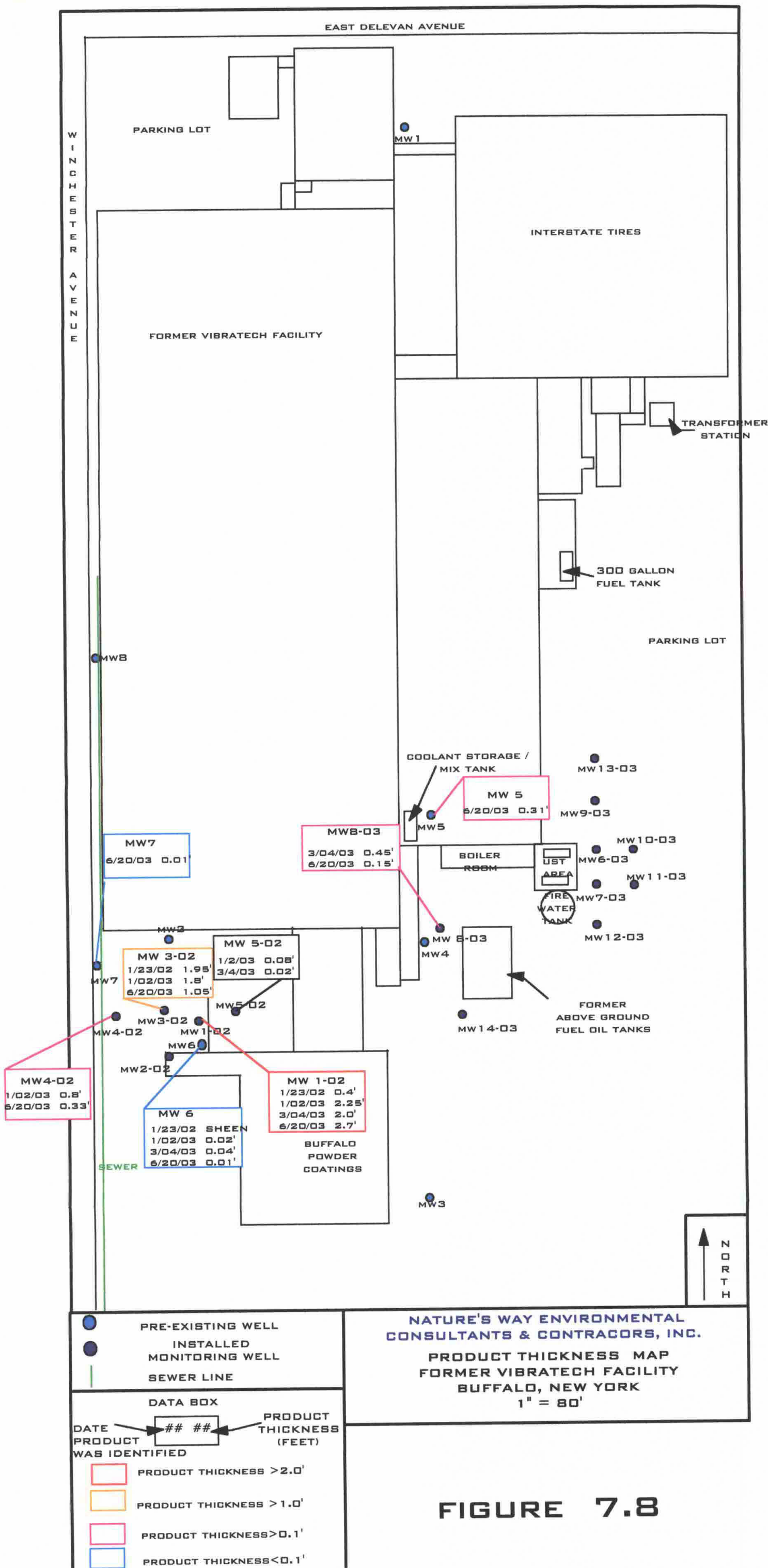


FIGURE 7.8

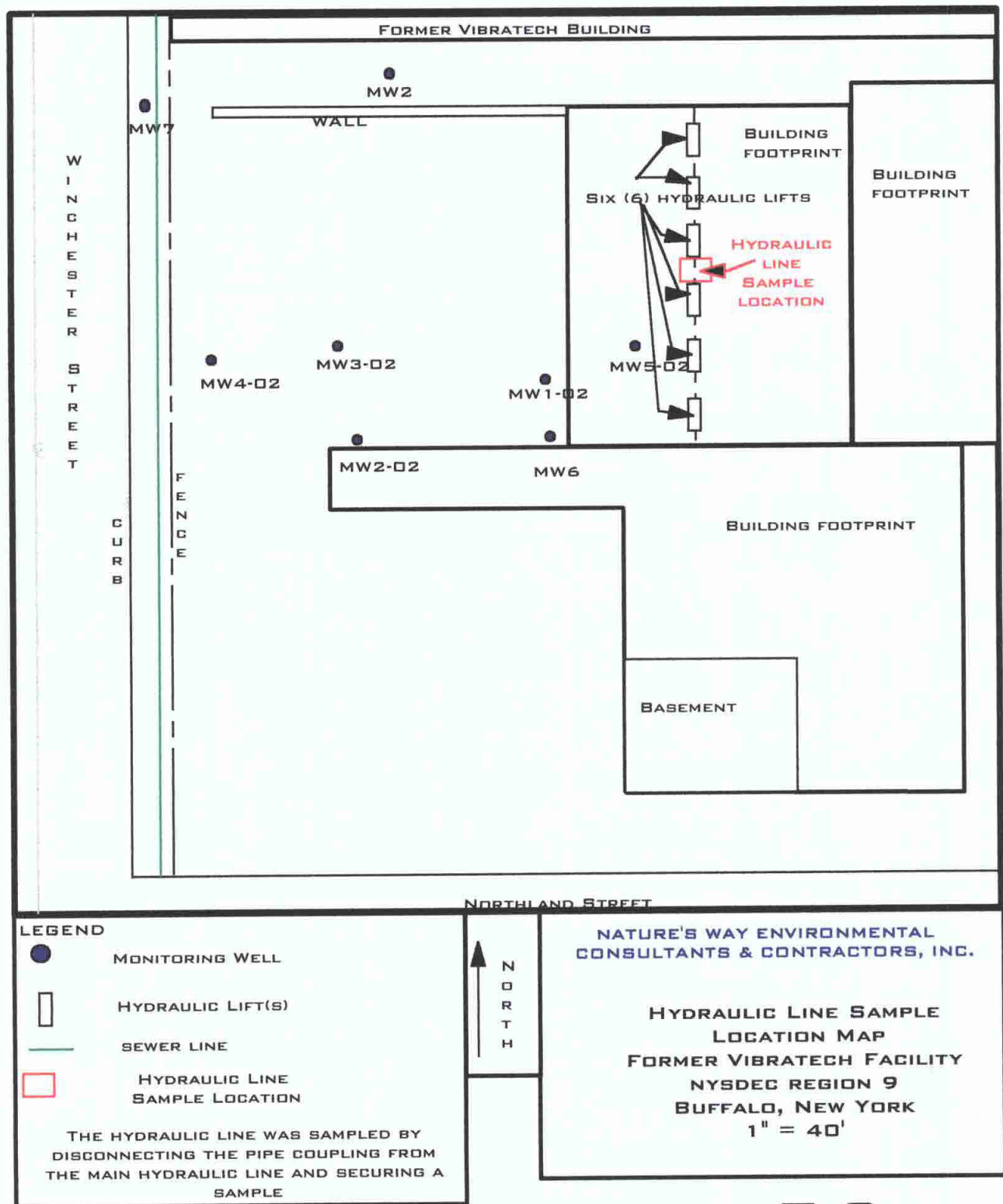


FIGURE 7.9



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8.0 APPENDIX

8.1 Soil Boring Logs / Monitoring Well Details

8.2 Soil Laboratory Analytical Reports

8.3 Groundwater Laboratory Analytical Reports
(Chronological Order)



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Appendix 8.1

Soil Boring Logs/Monitoring Well Details



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527

SYRACUSE
(315) 635-9818

DATE: 1/18/02

HOLE NUMBER: MW 1-02

GROUND ELEVATION:

PROJECT

Subsurface Investigation and Monitoring Well Installation at

the Former Vibratex Facility, 537 East Delevan, Buffalo, New York

PREPARED FOR:

NYSDEC Region 9 - Spill #9710497

BORING LOCATION:

See Map

SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION	OVM	Well	REMARKS
0	*						Asphalt	0.4	0.0	Asphalt to 0.4 foot
							Limestone gravel fill	1.0	0.0	over gravel fill to 1.0 foot
1	16						Moist, black (SILTY-SAND) fill with very fine to fine size sand, little silt, loose		1.5	fill to 3.8 feet
		5			11				2" Stainless Steel Riser Pipe	4.5 feet over mixed silty and coarse silty soil fill to 6.5 feet
			5						Bentonite Seal	over clayey lake sediment to 9.5 feet
2	9						Concrete	3.6	0.0	feet over silty glacial till to 11.5 feet
		50/4						4.5	4.5	over fractured limestone bedrock to 11.8 feet
3	13						Moist, mixed brown (CLAYEY-SILT) fill with little clay and dark gray (SANDY-SILT) fill with little very fine size sand, stiff to compact		5.5	Limestone bedrock to end of coring
		8			14			6.5	#0 Size Sand	* Advanced 4 1/4 HSA through asphalt and fill to 1.0 foot
4	3						Moist, reddish brown (CLAYEY-SILT) with some clay, stiff, thinly laminated		6.5	** Advanced 4 1/4 HSA through concrete 3.8 to 4.5 feet
		5			13			0.0	2" 20 Slot Stainless Steel Screen	
5	8						Extremely moist, brown, gravelly (CLAYEY-SILT) with 15 to 25% gravel, little clay, compact, massive soil structure		11.5	
		7			14			11.8	Well Installation Completed at 15.5 feet	
6	9						Fractured Limestone Bedrock			Lost Water Returns at 12.5 feet BGS
		32					Onondaga Limestone bedrock, gray, very hard, thin to medium bedded 2 to 6 inches thick, noticed fracture zone from 12.5 to 13.0 feet (lost water) noticed oil sheen and petroleum odor in this zone		15.5	1" Void encountered while coring from 14.5 to 14.6 feet BGS
		50/3					Coring Completed at 16.8 feet			
15										

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PAGE 1 OF 1



SYRACUSE
(315) 635-9818

GROUND ELEVATION:

Subsurface Investigation and Monitoring Well Installation at

the Former Vibratech Facility, 537 East Delevan, Buffalo, New York

BORING LOCATION: _____ See Map

LOGGED BY David M. Jones Senior Scientist

PAGE 2 OF 2

PROJECT

Subsurface Investigation and Monitoring Well Installation at

the Former Vibratex Facility, 537 East Delevan, Buffalo, New York

PREPARED FOR:

NYSDEC Region 9 - Spill #9710497

BORING LOCATION:

See Map

CORE DATA

RUN	Int.	Len.	Rec.	Rec.	RQD
#	(ft)	(ft)	(ft)	%	%
1	8.2				
	to	18	18	100	85%
	10.0				
2	10.0				
	to	31	31	100	100
	13.1				

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1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

PAGE : OF

PROJECT

Subsurface Investigation and Monitoring Well Installation at

the Former Vibratex Facility, 537 East Delevan, Buffalo, New York

PREPARED FOR:

NYSDEC Region 9 - Spill #9710497

BORING LOCATION:

See Map

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116222. Gerson, R. and J. A. Gerson. 1978. The

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ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527SYRACUSE
(315) 635-9818

DATE: 1/22/02

HOLE NUMBER: MW 5-02

GROUND ELEVATION:

PROJECT

Subsurface Investigation and Monitoring Well Installation at

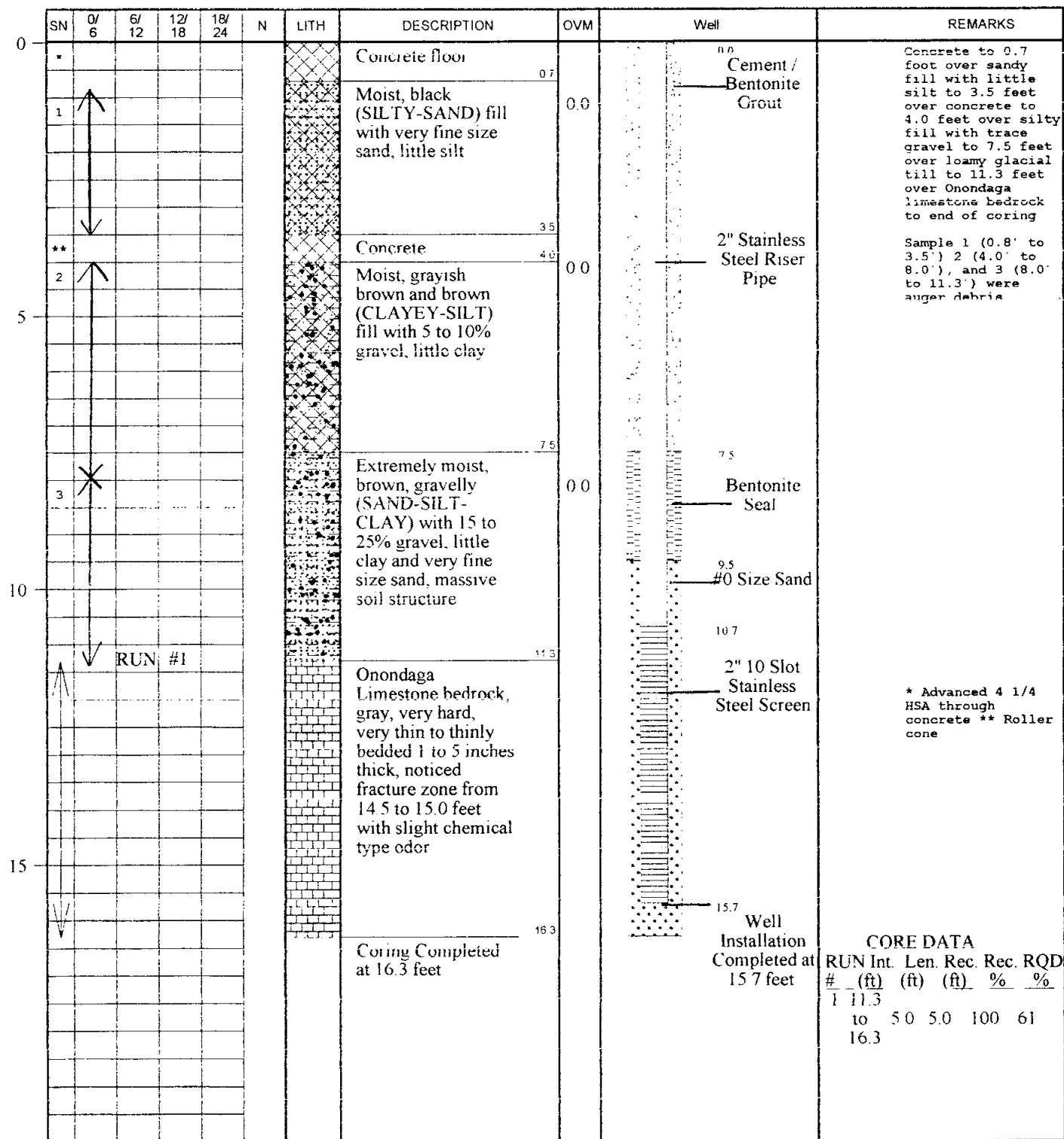
the Former Vibratex Facility, 537 East Delevan, Buffalo, New York

PREPARED FOR:

NYSDEC Region 9 - Spill #9710497

BORING LOCATION:

See Map



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DANIEL A. FRANKS / Senior Geologist

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OF



SYRACUSE
(315) 635-9818

SURF. ELEV.

LOCATION See Map

SHEET 1 OF 1



(315) 635-9818

SURF. ELEV. _____ (315) 635-9811

LOCATION See Map

SHEET 1 OF 1



SYRACUSE
(315) 635-9818

SURF. ELEV. _____

LOCATION See Map

LOGGED BY Dale M. Gramza / Senior Geologist

SHEET 1 OF 1

3553 CRITTENDEN ROAD • CRITTENDEN, NEW YORK 14038 • FAX (716) 937-9360
7025 VAN BUREN ROAD BLDG 2 • SYRACUSE, NEW YORK 13209 • FAX (315) 635-9577



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527

SYRACUSE
(315) 635-9818

HOLE NO. MW 9-03

SURF. ELEV. _____

PROJECT Former Vibratex Facility

LOCATION See Map

| 0 | SN | 0/
6 | 6/
12 | 12/
18 | 18/
24 | N | LITH | DESCRIPTION | REC | Core
Hole | Well
Detail | REMARKS |
|----|----|---------|----------|-----------|-----------|------|------|---------------------------|------|--------------|-------------------|-------------------------------|
| | | | | | | | | Asphalt | 0.4 | * | Cement / | Asphalt to 0.4 foot over |
| | | | | | | | | Sand and gravel fill | 1.0 | | 0.0 Bentonite | sand |
| | 1 | 20 | | | | 27 | | Moist, brown, very | 1.4' | | Grout | and gravel fill to 1.0 |
| | | | 15 | | | | | gravelly (SANDY-SILT) | | | | foot |
| | | | | 12 | | | | fill with 40 to 50% | | | 2" PVC | over coarse silt and |
| | | | | | 15 | | | gravel, little very | | | Riser Pipe | gravel |
| | | | | | | | | fine size sand, compact | 3.0 | | | fill to 3.0 feet over |
| | 2 | 9 | | | | 12 | | Moist, brown, gravelly | 1.3' | | | loamy |
| | | | 8 | | | | | (SAND-SILT-CLAY) | | | 3.0 | glacial till to 7.0 feet |
| | | | | 4 | | | | with 15 to 25% gravel, | | | Bentonite | over |
| | | | | | 5 | | | little clay and | | | Seal | fractured limestone rock |
| 5 | | | | | | | | very fine size sand, | 1.5' | | | to |
| | 3 | 9 | | | | 21 | | compact, massive | | | | 8.6 feet over Onondaga |
| | | | 11 | | | | | soil structure | | | 5.0 | Limestone bedrock to end |
| | | | | 10 | | | | | | | 5.7 | of |
| | | | | | 10 | | | | 7.0 | | | coring |
| | 4 | 30 | | | | >132 | | Fractured Limestone | | | 2" 10 Slot | |
| | | | 32 | | | | | rock | | | PVC Screen | |
| | | | | 100/2 | | | | | 8.6 | | | |
| | | | RUN #1 | | | | | Onondaga Limestone | | | | |
| | | | | | | | | Bedrock, gray, very | | | | |
| 10 | | | | | | | | hard, thinly bedded 2 to | | | | |
| | | | | | | | | 6 inches thick, | | | | |
| | | | | | | | | Noticed dark gray thick | | | | |
| | | | | | | | | oil along | | | | |
| | | | | | | | | bedding plane at 12.0' | | | | |
| | | | | | | | | with oil sheen | | | | |
| | | | | | | | | present in bedding planes | | | | |
| | | | | | | | | from 9.6' to | | | | |
| | | | | | | | | 13.0' | | | | |
| 15 | | | | | | | | | 16.0 | | | |
| | | | | | | | | Coring Completed at | | | 15.7 Well | |
| | | | | | | | | 16.0 feet | | | 16.0 Installation | |
| | | | | | | | | | | | Completed | |
| | | | | | | | | | | | at 15.7 feet | |
| | | | | | | | | | | | | CORE DATA |
| | | | | | | | | | | | | RUN Int. Length Rec. Rec. RQD |
| | | | | | | | | | | | | # (ft) (ft) % % |
| | | | | | | | | | | | | 1 8.6 |
| | | | | | | | | | | | | to 7.4 7.4 100 92% |
| | | | | | | | | | | | | 16.0 |

LOGGED BY Dale M. Granza / Senior Geologist

SHEET 1 OF 1



SYRACUSE
(315) 635-9818

SURF. ELEV. _____

LOCATION See Map

SHEET 1 OF 1



SYRACUSE
(315) 635-9818

SURF. ELEV. _____

LOCATION See Map

LOGGED BY Dale M. Gramza / Senior Geologist

SHEET 1 OF 1

3553 CRITTENDEN ROAD • CRITTENDEN, NEW YORK 14038 • FAX (716) 937-9360
7035 VAN BUREN ROAD, BLDG 2 • SYRACUSE, NEW YORK 13209 • FAX (315) 635-9577



HOLE NO. MW 12-03

SURF. ELEV.

PROJECT Former Vibratech Facility

LOCATION See Map

LOGGED BY Dale M. Gramza / Senior Geologist

SHEET 1 OF 1



SYRACUSE
(315) 635-9818

SURF. ELEV. _____

LOCATION See Map

LOGGED BY Dale M. Gramza / Senior Geologist

SHEET 1 OF 1

3553 CRITTENDEN ROAD • CRITTENDEN, NEW YORK 14038 • FAX (716) 937-9360
7035 VAN BUREN ROAD • BLDG 2 • SYRACUSE, NEW YORK 13209 • FAX (315) 635-9577



SYRACUSE
(315) 635-9818

SURF. ELEV. _____

LOCATION See Map

LOGGED BY Dale M. Gramza / Senior Geologist

SHEET 1 OF 1



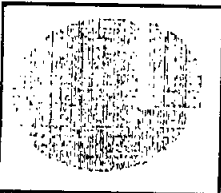
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

**CRITTENDEN
(716) 937-6527**

**SYRACUSE
(315) 635-9818**

Appendix 8.2

Soil Laboratory Analytical Reports



Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48843

Sample ID#1(CUST)

MW 1-02 SAMPLE # 6

Sample ID#2(CUST)

(10.5 TO 11.8)

Matrix

SOIL

Sampled By

DALE GRAMZA

Date Sampled

01/21/02

Date Received

01/28/02 03:30

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

| | | |
|--------|------|---------------------------|
| <DL(U) | 4.0 | 1,1-Dichloropropene |
| <DL(U) | 4.0 | Carbon Tetrachloride |
| <DL(U) | 4.0 | 1,2-Dichloroethane |
| <DL(U) | 4.0 | Trichloroethene |
| <DL(U) | 4.0 | 1,2-Dichloropropane |
| <DL(U) | 4.0 | Dibromomethane |
| <DL(U) | 4.0 | Bromoform |
| <DL(U) | 20.0 | Bromodichloromethane |
| <DL(U) | 20.0 | 1,1,2,2-Tetrachloroethane |
| <DL(U) | 4.0 | Benzene |
| <DL(U) | 4.0 | cis-1,3-Dichloropropene |
| <DL(U) | 4.0 | 4-Methyl-2-pentanone |
| <DL(U) | 4.0 | Toluene |
| <DL(U) | 4.0 | trans-1,3-Dichloropropene |
| <DL(U) | 4.0 | 1,1,2-Trichloroethane |
| <DL(U) | 4.0 | Tetrachloroethene |
| <DL(U) | 4.0 | 1,3-Dichloropropane |
| <DL(U) | 4.0 | 2-Hexanone |

Results Det Limit*

| | |
|--------|-----|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |

Dichlorodifluoromethane

Vinyl Chloride

Chloromethane

Bromomethane

Chloroethane

Trichlorofluoromethane

1,1-Dichloroethene

Acetone

Methylene Chloride

trans-1,2-Dichloroethene

Methyl-tert-butyl ether

1,1-Dichloroethane

2,2-Dichloropropane

cis-1,2-Dichloroethene

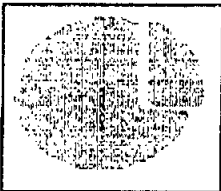
Methyl ethyl ketone

Bromochloromethane

Chloroform

1,1,1-Trichloroethane

* DL = Detection Limit



Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGRO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatle Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48843

Sample ID#1(CUST)

MW 1-02 SAMPLE # 6

Sample ID#2(CUST)

(10.5 TO 11.8)

Matrix

SOIL

Sampled By

DALE GRAMZA

Date Sampled

01/21/02

Date Received

01/28/02 03:30

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

Results Det Limit*

Dibromochloromethane

<DL(U) 4.0

1,3-Dichlorobenzene

<DL(U) 4.0

1,2-Dibromoethane

<DL(U) 4.0

4-Isopropyltoluene

<DL(U) 4.0

Ethylbenzene

<DL(U) 4.0

1,4-Dichlorobenzene

<DL(U) 4.0

m&p-Xylene

<DL(U) 8.0

1,2-Dichlorobenzene

<DL(U) 4.0

o-Xylene

<DL(U) 4.0

n-Butylbenzene

<DL(U) 4.0

Styrene

<DL(U) 4.0

1,2-Dibromo-3-chloropropane

<DL(U) 4.0

Isopropylbenzene

<DL(U) 4.0

1,2,4-Trichlorobenzene

<DL(U) 4.0

n-Propylbenzene

<DL(U) 4.0

Hexachlorobutadiene

<DL(U) 4.0

1,3,5-Trimethylbenzene

<DL(U) 4.0

Naphthalene

<DL(U) 10.0

tert-Butylbenzene

<DL(U) 4.0

1,2,3-Trichlorobenzene

<DL(U) 4.0

1,2,4-Trimethylbenzene

<DL(U) 4.0

sec-Butylbenzene

<DL(U) 4.0

Chlorobenzene

<DL(U) 4.0

1,1,1,2-Tetrachloroethane

<DL(U) 4.0

Bromobenzene

<DL(U) 4.0

1,2,3-Trichloropropane

<DL(U) 4.0

2-Chlorotoluene

<DL(U) 4.0

4-Chlorotoluene

<DL(U) 4.0

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



Lozier Analytical Group

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888 - 841 - 5227

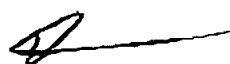
☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

| | |
|--------------------|-------|
| 48844 | |
| MW 3-02 SAMPLE # 4 | |
| (7.0 TO 9.0) | |
| SOIL | |
| DALE GRAMZA | |
| 01/22/02 | |
| 01/28/02 | 03:30 |
| 01/31/02 | |
| 02/01/02 | |

Results Det Limit*

Dichlorodifluoromethane
 Vinyl Chloride
 Chloromethane
 Bromomethane
 Chloroethane
 Trichlorofluoromethane
 1,1-Dichloroethene
 Acetone
 Methylene Chloride
 trans-1,2-Dichloroethene
 Methyl-tert-butyl ether
 1,1-Dichloroethane
 2,2-Dichloropropane
 cis-1,2-Dichloroethene
 Methyl ethyl ketone
 Bromochloromethane
 Chloroform
 1,1,1-Trichloroethane

| | | |
|--------|------|---------------------------|
| <DL(U) | 4.0 | 1,1-Dichloropropene |
| <DL(U) | 4.0 | Carbon Tetrachloride |
| <DL(U) | 4.0 | 1,2-Dichloroethane |
| <DL(U) | 4.0 | Trichloroethene |
| <DL(U) | 4.0 | 1,2-Dichloropropane |
| <DL(U) | 4.0 | Dibromomethane |
| <DL(U) | 4.0 | Bromoform |
| <DL(U) | 20.0 | Bromodichloromethane |
| <DL(U) | 20.0 | 1,1,2,2-Tetrachloroethane |
| <DL(U) | 4.0 | Benzene |
| <DL(U) | 4.0 | cis-1,3-Dichloropropene |
| <DL(U) | 4.0 | 4-Methyl-2-pentanone |
| <DL(U) | 4.0 | Toluene |
| <DL(U) | 4.0 | trans-1,3-Dichloropropene |
| <DL(U) | 4.0 | 1,1,2-Trichloroethane |
| <DL(U) | 4.0 | Tetrachloroethene |
| <DL(U) | 4.0 | 1,3-Dichloropropane |
| <DL(U) | 4.0 | 2-Hexanone |

Results Det Limit*

| | |
|--------|-----|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |

* DL = Detection Limit



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48844

Sample ID#1(CUST)

MW 3-02 SAMPLE # 4

Sample ID#2(CUST)

(7.0 TO 9.0)

Matrix

SOIL

Sampled By

DALE GRAMZA

Date Sampled

01/22/02

Date Received

01/28/02 03:30

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

Results Det Limit*

Dibromochloromethane

<DL(U) 4.0

1,3-Dichlorobenzene

<DL(U) 4.0

1,2-Dibromoethane

<DL(U) 4.0

4-Isopropyltoluene

<DL(U) 4.0

Ethylbenzene

<DL(U) 4.0

1,4-Dichlorobenzene

<DL(U) 4.0

m&p-Xylene

<DL(U) 8.0

1,2-Dichlorobenzene

<DL(U) 4.0

o-Xylene

<DL(U) 4.0

n-Butylbenzene

<DL(U) 4.0

Styrene

<DL(U) 4.0

1,2-Dibromo-3-chloropropane

<DL(U) 4.0

Isopropylbenzene

<DL(U) 4.0

1,2,4-Trichlorobenzene

<DL(U) 4.0

n-Propylbenzene

<DL(U) 4.0

Hexachlorobutadiene

<DL(U) 4.0

1,3,5-Trimethylbenzene

<DL(U) 4.0

Naphthalene

<DL(U) 10.0

tert-Butylbenzene

<DL(U) 4.0

1,2,3-Trichlorobenzene

<DL(U) 4.0

1,2,4-Trimethylbenzene

<DL(U) 4.0

sec-Butylbenzene

<DL(U) 4.0

Chlorobenzene

<DL(U) 4.0

1,1,1,2-Tetrachloroethane

<DL(U) 4.0

Bromobenzene

<DL(U) 4.0

1,2,3-Trichloropropane

<DL(U) 4.0

2-Chlorotoluene

<DL(U) 4.0

4-Chlorotoluene

<DL(U) 4.0

<DL(U)= analyzed but not detected

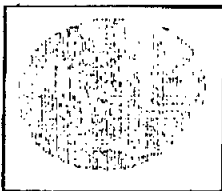
L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < ppl but > MDL

* DL = Detection Limit



Lozier Analytical Group

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888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=mg/Kg ppm

Results shown are: **PAH Compounds**Extraction Method: **EPA 3550 Sonication**Analysis Method: **EPA 8270 GC/MS**

*See Individual Limit

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

48843

MW 1-02 SAMPLE # 6

(10.5 TO 11.8)

SOIL

DALE GRAMZA

01/21/02 00:00

01/28/02 03:30

01/31/02

01/31/02

Results Det Limit*

Naphthalene

< DL(U) 0.167

Acenaphthylene

< DL(U) 0.167

Acenaphthene

< DL(U) 0.167

Fluorene

< DL(U) 0.167

Phenanthrene

< DL(U) 0.167

Anthracene

< DL(U) 0.167

Fluoranthene

< DL(U) 0.167

Pyrene

< DL(U) 0.167

Benzo(a)anthracene

< DL(U) 0.167

Chrysene

< DL(U) 0.167

Benzo(b)fluoranthene

< DL(U) 0.167

Benzo(k)fluoranthene

< DL(U) 0.167

Benzo(a)pyrene

< DL(U) 0.167

Indeno(1,2,3-c,d)pyrene

< DL(U) 0.167

Dibenz(a,h)anthracene

< DL(U) 0.167

Benzo(g,h,i)perylene

< DL(U) 0.167

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

 PO Number: **SPILL # 9710497**

 Project Number **PIN # H80271**

Project Cust:

 Project Site: **VIBRATECH BUFFALO**

Date FAXED:

Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=mg/Kg ppm

*See Individual Limit

 Results shown are: **PAH Compounds**

 Extraction Method: **EPA 3550 Sonication**

 Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)

49844

Sample ID#1(CUST)

MW 3-02 SAMPLE # 4

Sample ID#2(CUST)

(7.0 TO 9.0)

Matrix

SOIL

Sampled By

DALE GRAMZA

Date Sampled

01/22/02 00:00

Date Received

01/28/02 03:30

Date Analyzed

01/31/02

Date Reported

01/31/02

Results Det Limit*

Naphthalene
 Acenaphthylene
 Acenaphthene
 Fluorene
 Phenanthrene
 Anthracene
 Fluoranthene
 Pyrene
 Benzo(a)anthracene
 Chrysene
 Benzo(b)fluoranthene
 Benzo(k)fluoranthene
 Benzo(a)pyrene
 Indeno(1,2,3-c,d)pyrene
 Dibenz(a,h)anthracene
 Benzo(g,h,i)perylene

| | |
|---------|-------|
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



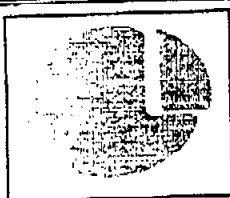
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527

SYRACUSE
(315) 635-9818

Appendix 8.3

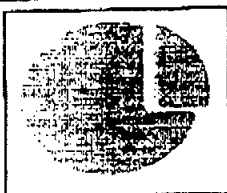
Groundwater Laboratory Analytical Reports (Chronological Order)



800 - 843 - 5227

PO Number: **SPILL # 9710497**
Project Number **PIN # H80271**
Project Cust:
Project Site: **VIBRATECH BUFFALO**
Date FAXED:
Lab Director

Page 1



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48795

Sample ID#1(CUST)

MW 1-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dibromochloromethane

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |

1,2-Dibromoethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Ethylbenzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

m&p-Xylene

| | |
|--------|-----|
| <DL(U) | 8.0 |
|--------|-----|

o-Xylene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Styrene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Isopropylbenzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

n-Propylbenzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,3,5-Trimethylbenzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

tert-Butylbenzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,2,4-Trimethylbenzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

sec-Butylbenzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Chlorobenzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,1,1,2-Tetrachloroethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Bromobenzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,2,3-Trichloropropane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

2-Chlorotoluene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

4-Chlorotoluene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,3-Dichlorobenzene

4-Isopropyltoluene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

n-Butylbenzene

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

Hexachlorobutadiene

Naphthalene

1,2,3-Trichlorobenzene

Results Det Limit*

| | |
|--------|------|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 10.0 |
| <DL(U) | 4.0 |

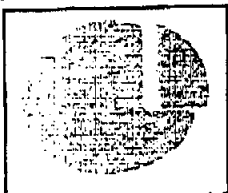
< DL(U) = analyzed but not detected

L = estimated value

B = analyte found in blank

E = exceed calibration range

J = < pql but > MDL



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48796
MW 2-02

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

WATER
DALE GRAMZA

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

01/23/02
01/28/02 09:00
01/31/02
02/01/02

Dichlorodifluoromethane

Vinyl Chloride

Chloromethane

Bromomethane

Chloroethane

Trichlorofluoromethane

1,1-Dichloroethene

Acetone

Methylene Chloride

trans-1,2-Dichloroethene

Methyl-tert-butyl ether

1,1-Dichloroethane

2,2-Dichloropropane

cis-1,2-Dichloroethene

Methyl ethyl ketone

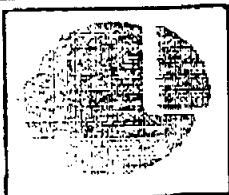
Bromochloromethane

Chloroform

1,1,1-Trichloroethane

| Results | Det Limit* | Results | Det Limit* |
|---------|------------|---------------------------|------------|
| <DL(U) | 4.0 | 1,1-Dichloropropene | <DL(U) 4.0 |
| <DL(U) | 4.0 | Carbon Tetrachloride | <DL(U) 4.0 |
| <DL(U) | 4.0 | 1,2-Dichloroethane | <DL(U) 4.0 |
| <DL(U) | 4.0 | Trichloroethene | <DL(U) 4.0 |
| <DL(U) | 4.0 | 1,2-Dichloropropane | <DL(U) 4.0 |
| <DL(U) | 4.0 | Dibromomethane | <DL(U) 4.0 |
| <DL(U) | 4.0 | Bromoform | <DL(U) 4.0 |
| <DL(U) | 20.0 | Bromodichloromethane | <DL(U) 4.0 |
| <DL(U) | 20.0 | 1,1,2,2-Tetrachloroethane | <DL(U) 4.0 |
| <DL(U) | 4.0 | Benzene | <DL(U) 4.0 |
| <DL(U) | 4.0 | cis-1,3-Dichloropropene | <DL(U) 4.0 |
| <DL(U) | 4.0 | 4-Methyl-2-pentanone | <DL(U) 4.0 |
| <DL(U) | 4.0 | Toluene | <DL(U) 4.0 |
| <DL(U) | 4.0 | trans-1,3-Dichloropropene | <DL(U) 4.0 |
| <DL(U) | 4.0 | 1,1,2-Trichloroethane | <DL(U) 4.0 |
| <DL(U) | 4.0 | Tetrachloroethene | <DL(U) 4.0 |
| <DL(U) | 4.0 | 1,3-Dichloropropane | <DL(U) 4.0 |
| <DL(U) | 4.0 | 2-Hexanone | <DL(U) 4.0 |

* DL = Detection Limit



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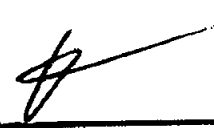
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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48796

Sample ID#1(CUST)

MW 2-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dibromochloromethane

1,2-Dibromoethane

Ethylbenzene

m&p-Xylene

o-Xylene

Styrene

Isopropylbenzene

n-Propylbenzene

1,3,5-Trimethylbenzene

tert-Butylbenzene

1,2,4-Trimethylbenzene

sec-Butylbenzene

Chlorobenzene

1,1,1,2-Tetrachloroethane

Bromobenzene

1,2,3-Trichloropropane

2-Chlorotoluene

4-Chlorotoluene

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 8.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |

1,3-Dichlorobenzene
 4-Isopropyltoluene
 1,4-Dichlorobenzene
 1,2-Dichlorobenzene
 n-Butylbenzene
 1,2-Dibromo-3-chloropropane
 1,2,4-Trichlorobenzene
 Hexachlorobutadiene
 Naphthalene
 1,2,3-Trichlorobenzene

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 10.0 |
| <DL(U) | 4.0 |

< DL(U)= analyzed but not detected

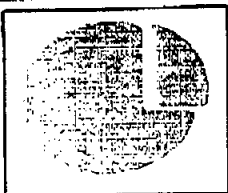
L= estimated value

B= analyte found in blank

E= exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEG0**

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: VIBRATECH BUFFALO
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)

48797

Sample ID#1(CUST)

MW 3-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dichlorodifluoromethane

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 20.0 |

Vinyl Chloride

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Chloromethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Bromomethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Chloroethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Trichlorofluoromethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,1-Dichloroethene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Acetone

| | |
|--------|-------|
| <DL(U) | 100.0 |
|--------|-------|

Methylene Chloride

| | |
|--------|-------|
| <DL(U) | 100.0 |
|--------|-------|

trans-1,2-Dichloroethene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Methyl-tert-butyl ether

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,1-Dichloroethane

| | |
|------|------|
| 45.3 | 20.0 |
|------|------|

2,2-Dichloropropane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

cis-1,2-Dichloroethene

| | |
|------|------|
| 37.6 | 20.0 |
|------|------|

Methyl ethyl ketone

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Bromochloromethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Chloroform

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,1,1-Trichloroethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,1-Dichloropropene

Carbon Tetrachloride

1,2-Dichloroethane

Trichloroethene

1,2-Dichloropropane

Dibromomethane

Bromoform

Bromodichloromethane

1,1,2,2-Tetrachloroethane

Benzene

cis-1,3-Dichloropropene

4-Methyl-2-pentanone

Toluene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

Tetrachloroethene

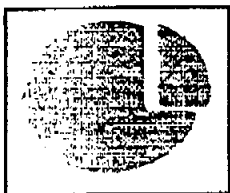
1,3-Dichloropropane

2-Hexanone

Results Det Limit*

| | |
|--------|------|
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48797

Sample ID#1(CUST)

MW 3-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dibromochloromethane

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 20.0 |

1,2-Dibromoethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Ethylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

m&p-Xylene

| | |
|--------|------|
| <DL(U) | 40.0 |
|--------|------|

o-Xylene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Styrene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Isopropylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

n-Propylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,3,5-Trimethylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

tert-Butylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,2,4-Trimethylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

sec-Butylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Chlorobenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,1,1,2-Tetrachloroethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Bromobenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,2,3-Trichloropropane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

2-Chlorotoluene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

4-Chlorotoluene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,3-Dichlorobenzene

4-Isopropyltoluene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

n-Butylbenzene

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

Hexachlorobutadiene

Naphthalene

1,2,3-Trichlorobenzene

Results Det Limit*

| | |
|--------|------|
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 50.0 |
| <DL(U) | 20.0 |

<DL(U)= analyzed but not detected

L= estimated value

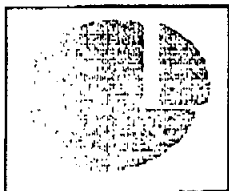
B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit

Page 2



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LABORATORY REPORT - METHOD 8260

Cust N.Y.S. DEC. REG. 9
 Address: 270 MICHIGAN AVE.
 BUFFALO, N.Y. 14203-2999
 Attn: FRANCINE GALLEGO

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: VIBRATECH BUFFALO
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)

48798

Sample ID#1(CUST)

MW 4-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

Dichlorodifluoromethane

<DL(U)

1,1-Dichloropropene

<DL(U)

8.0

Vinyl Chloride

14.3

Carbon Tetrachloride

<DL(U)

8.0

Chloromethane

<DL(U)

1,2-Dichloroethane

<DL(U)

8.0

Bromomethane

<DL(U)

Trichloroethene

<DL(U)

8.0

Chloroethane

<DL(U)

1,2-Dichloropropane

<DL(U)

8.0

Trichlorofluoromethane

<DL(U)

Dibromomethane

<DL(U)

8.0

1,1-Dichloroethene

<DL(U)

Bromoform

<DL(U)

8.0

Acetone

<DL(U)

Bromodichloromethane

<DL(U)

8.0

Methylene Chloride

<DL(U)

1,1,2,2-Tetrachloroethane

<DL(U)

8.0

trans-1,2-Dichloroethene

<DL(U)

Benzene

<DL(U)

8.0

Methyl-tert-butyl ether

<DL(U)

cis-1,3-Dichloropropene

<DL(U)

8.0

1,1-Dichloroethane

95.7

4-Methyl-2-pentanone

<DL(U)

8.0

2,2-Dichloropropane

<DL(U)

Toluene

<DL(U)

8.0

cis-1,2-Dichloroethene

28.5

trans-1,3-Dichloropropene

<DL(U)

8.0

Methyl ethyl ketone

<DL(U)

1,1,2-Trichloroethane

<DL(U)

8.0

Bromochloromethane

<DL(U)

Tetrachloroethene

<DL(U)

8.0

Chloroform

<DL(U)

1,3-Dichloropropane

<DL(U)

8.0

1,1,1-Trichloroethane

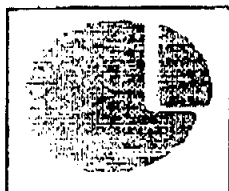
<DL(U)

2-Hexanone

<DL(U)

8.0

* DL = Detection Limit



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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48798

Sample ID#1(CUST)

MW 4-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dibromochloromethane

Results Det Limit*

<DL(U) 8.0

1,2-Dibromoethane

<DL(U) 8.0

Ethylbenzene

<DL(U) 8.0

m&p-Xylene

<DL(U) 16.0

o-Xylene

<DL(U) 8.0

Styrene

<DL(U) 8.0

Isopropylbenzene

<DL(U) 8.0

n-Propylbenzene

<DL(U) 8.0

1,3,5-Trimethylbenzene

<DL(U) 8.0

tert-Butylbenzene

<DL(U) 8.0

1,2,4-Trimethylbenzene

<DL(U) 8.0

sec-Butylbenzene

<DL(U) 8.0

Chlorobenzene

<DL(U) 8.0

1,1,1,2-Tetrachloroethane

<DL(U) 8.0

Bromobenzene

<DL(U) 8.0

1,2,3-Trichloropropane

<DL(U) 8.0

2-Chlorotoluene

<DL(U) 8.0

4-Chlorotoluene

<DL(U) 8.0

1,3-Dichlorobenzene

4-Isopropyltoluene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

n-Butylbenzene

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

Hexachlorobutadiene

Naphthalene

1,2,3-Trichlorobenzene

Results Det Limit*

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 20.0

<DL(U) 8.0

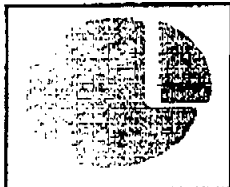
<DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL



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LABORATORY REPORT - METHOD 8260

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 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48799

Sample ID#1(CUST)

MW 5-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

Dichlorodifluoromethane

<DL(U) 4.0

Vinyl Chloride

<DL(U) 4.0

Chloromethane

<DL(U) 4.0

Bromomethane

<DL(U) 4.0

Chloroethane

<DL(U) 4.0

Trichlorofluoromethane

<DL(U) 4.0

1,1-Dichloroethene

<DL(U) 4.0

Acetone

<DL(U) 20.0

Methylene Chloride

<DL(U) 20.0

trans-1,2-Dichloroethene

<DL(U) 4.0

Methyl-tert-butyl ether

<DL(U) 4.0

1,1-Dichloroethane

<DL(U) 4.0

2,2-Dichloropropane

<DL(U) 4.0

cis-1,2-Dichloroethene

<DL(U) 4.0

Methyl ethyl ketone

<DL(U) 4.0

Bromochloromethane

<DL(U) 4.0

Chloroform

<DL(U) 4.0

1,1,1-Trichloroethane

<DL(U) 4.0

1,1-Dichloropropene

Carbon Tetrachloride

1,2-Dichloroethane

Trichloroethene

1,2-Dichloropropane

Dibromomethane

Bromoform

Bromodichloromethane

1,1,2,2-Tetrachloroethane

Benzene

cis-1,3-Dichloropropene

4-Methyl-2-pentanone

Toluene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

Tetrachloroethene

1,3-Dichloropropane

2-Hexanone

Results Det Limit*

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

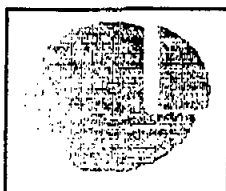
<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

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 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEG0**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48799

Sample ID#1(CUST)

MW 5-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

Results Det Limit*

Dibromochloromethane

<DL(U) 4.0

1,3-Dichlorobenzene

<DL(U) 4.0

1,2-Dibromoethane

<DL(U) 4.0

4-Isopropyltoluene

<DL(U) 4.0

Ethylbenzene

<DL(U) 4.0

1,4-Dichlorobenzene

<DL(U) 4.0

m&p-Xylene

<DL(U) 8.0

1,2-Dichlorobenzene

<DL(U) 4.0

o-Xylene

<DL(U) 4.0

n-Butylbenzene

<DL(U) 4.0

Styrene

<DL(U) 4.0

1,2-Dibromo-3-chloropropane

<DL(U) 4.0

Isopropylbenzene

<DL(U) 4.0

1,2,4-Trichlorobenzene

<DL(U) 4.0

n-Propylbenzene

<DL(U) 4.0

Hexachlorobutadiene

<DL(U) 4.0

1,3,5-Trimethylbenzene

<DL(U) 4.0

Naphthalene

<DL(U) 10.0

tert-Butylbenzene

<DL(U) 4.0

1,2,3-Trichlorobenzene

<DL(U) 4.0

1,2,4-Trimethylbenzene

4.7 4.0

sec-Butylbenzene

4.4 4.0

Chlorobenzene

<DL(U) 4.0

1,1,1,2-Tetrachloroethane

<DL(U) 4.0

Bromobenzene

<DL(U) 4.0

1,2,3-Trichloropropane

<DL(U) 4.0

2-Chlorotoluene

<DL(U) 4.0

4-Chlorotoluene

<DL(U) 4.0

<DL(U)= analyzed but not detected

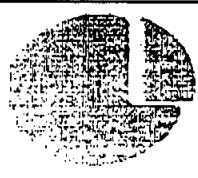
L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

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BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48800

Sample ID#1(CUST)

EXISTING MW 2

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

Dichlorodifluoromethane

<DL(U) 20.0

Vinyl Chloride

33.9 20.0

Chloromethane

<DL(U) 20.0

Bromomethane

<DL(U) 20.0

Chloroethane

22.0 20.0

Trichlorofluoromethane

<DL(U) 20.0

1,1-Dichloroethene

<DL(U) 20.0

Acetone

<DL(U) 100.0

Methylene Chloride

<DL(U) 100.0

trans-1,2-Dichloroethene

<DL(U) 20.0

Methyl-tert-butyl ether

<DL(U) 20.0

1,1-Dichloroethane

181.9 20.0

2,2-Dichloropropane

<DL(U) 20.0

cis-1,2-Dichloroethene

195.5 20.0

Methyl ethyl ketone

<DL(U) 20.0

Bromochloromethane

<DL(U) 20.0

Chloroform

<DL(U) 20.0

1,1,1-Trichloroethane

23.7 20.0

1,1-Dichloropropene

Carbon Tetrachloride

1,2-Dichloroethane

Trichloroethene

1,2-Dichloropropane

Dibromomethane

Bromoform

Bromodichloromethane

1,1,2,2-Tetrachloroethane

Benzene

cis-1,3-Dichloropropene

4-Methyl-2-pentanone

Toluene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

Tetrachloroethene

1,3-Dichloropropane

2-Hexanone

Results Det Limit*

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

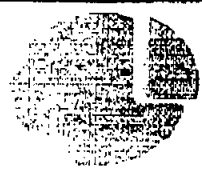
<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

* DL = Detection Limit

Page 1



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
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 Attn: **FRANCINE GALLEG0**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48800

Sample ID#1(CUST)

EXISTING MW 2

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dibromochloromethane

Results Der Limit*
<DL(U) 20.0

1,2-Dibromoethane

<DL(U) 20.0

Ethylbenzene

<DL(U) 20.0

m&p-Xylene

<DL(U) 40.0

o-Xylene

<DL(U) 20.0

Styrene

<DL(U) 20.0

Isopropylbenzene

<DL(U) 20.0

n-Propylbenzene

<DL(U) 20.0

1,3,5-Trimethylbenzene

<DL(U) 20.0

tert-Butylbenzene

<DL(U) 20.0

1,2,4-Trimethylbenzene

<DL(U) 20.0

sec-Butylbenzene

<DL(U) 20.0

Chlorobenzene

<DL(U) 20.0

1,1,1,2-Tetrachloroethane

<DL(U) 20.0

Bromobenzene

<DL(U) 20.0

1,2,3-Trichloropropane

<DL(U) 20.0

2-Chlorotoluene

<DL(U) 20.0

4-Chlorotoluene

<DL(U) 20.0

1,3-Dichlorobenzene

4-Isopropyltoluene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

n-Butylbenzene

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

Hexachlorobutadiene

Naphthalene

1,2,3-Trichlorobenzene

Results Det Limit*

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 50.0

<DL(U) 20.0

< DL(U) = analyzed but not detected

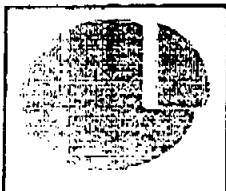
L = estimated value

B = analyte found in blank

E = exceed calibration range

J = < pql but > MDL

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

| | |
|---------------|-------|
| 48801 | |
| EXISTING MW 6 | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | |
| 01/28/02 | 09:00 |
| 01/31/02 | |
| 02/01/02 | |

Results Det Limit*

Dichlorodifluoromethane

Vinyl Chloride

Chloromethane

Bromomethane

Chloroethane

Trichlorofluoromethane

1,1-Dichloroethene

Acetone

Methylene Chloride

trans-1,2-Dichloroethene

Methyl-tert-butyl ether

1,1-Dichloroethane

2,2-Dichloropropane

cis-1,2-Dichloroethene

Methyl ethyl ketone

Bromochloromethane

Chloroform

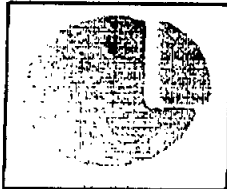
1,1,1-Trichloroethane

| | | |
|--------|------|---------------------------|
| <DL(U) | 8.0 | 1,1-Dichloropropene |
| <DL(U) | 8.0 | Carbon Tetrachloride |
| <DL(U) | 8.0 | 1,2-Dichloroethane |
| <DL(U) | 8.0 | Trichloroethene |
| <DL(U) | 8.0 | 1,2-Dichloropropane |
| <DL(U) | 8.0 | Dibromomethane |
| <DL(U) | 8.0 | Bromoform |
| <DL(U) | 40.0 | Bromodichloromethane |
| <DL(U) | 40.0 | 1,1,2,2-Tetrachloroethane |
| <DL(U) | 8.0 | Benzene |
| <DL(U) | 8.0 | cis-1,3-Dichloropropene |
| <DL(U) | 8.0 | 4-Methyl-2-pentanone |
| <DL(U) | 8.0 | Toluene |
| 10.3 | 8.0 | trans-1,3-Dichloropropene |
| <DL(U) | 8.0 | 1,1,2-Trichloroethane |
| <DL(U) | 8.0 | Tetrachloroethene |
| <DL(U) | 8.0 | 1,3-Dichloropropane |
| <DL(U) | 8.0 | 2-Hexanone |

Results Det Limit*

| | |
|--------|-----|
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

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BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| |
|-----------------------|
| 48801 |
| EXISTING MW 6 |
| WATER |
| DALE GRAMZA |
| 01/23/02 |
| 01/28/02 09:00 |
| 01/31/02 |
| 02/01/02 |

Dibromochloromethane
 1,2-Dibromoethane
 Ethylbenzene
 m&p-Xylene
 o-Xylene
 Styrene
 Isopropylbenzene
 n-Propylbenzene
 1,3,5-Trimethylbenzene
 tert-Butylbenzene
 1,2,4-Trimethylbenzene
 sec-Butylbenzene
 Chlorobenzene
 1,1,1,2-Tetrachloroethane
 Bromobenzene
 1,2,3-Trichloropropane
 2-Chlorotoluene
 4-Chlorotoluene

| Results | Det Limit* |
|---------|---------------------------------|
| <DL(U) | 8.0 1,3-Dichlorobenzene |
| <DL(U) | 8.0 4-Isopropyltoluene |
| <DL(U) | 8.0 1,4-Dichlorobenzene |
| <DL(U) | 16.0 1,2-Dichlorobenzene |
| <DL(U) | 8.0 n-Butylbenzene |
| <DL(U) | 8.0 1,2-Dibromo-3-chloropropane |
| <DL(U) | 8.0 1,2,4-Trichlorobenzene |
| <DL(U) | 8.0 Hexachlorobutadiene |
| <DL(U) | 8.0 Naphthalene |
| <DL(U) | 8.0 1,2,3-Trichlorobenzene |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 20.0 |
| <DL(U) | 8.0 |

< DL(U)= analyzed but not detected

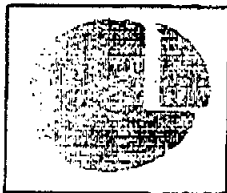
L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| | |
|---------------|-------|
| 48802 | |
| EXISTING MW 7 | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | |
| 01/28/02 | 09:00 |
| 01/31/02 | |
| 02/01/02 | |

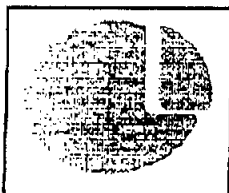
Results Det Limit*

| | | | |
|--------------------------|--------|------|---------------------------|
| Dichlorodifluoromethane | <DL(U) | 4.0 | 1,1-Dichloropropene |
| Vinyl Chloride | <DL(U) | 4.0 | Carbon Tetrachloride |
| Chloromethane | <DL(U) | 4.0 | 1,2-Dichloroethane |
| Bromomethane | <DL(U) | 4.0 | Trichloroethene |
| Chloroethane | <DL(U) | 4.0 | 1,2-Dichloropropane |
| Trichlorofluoromethane | <DL(U) | 4.0 | Dibromomethane |
| 1,1-Dichloroethene | <DL(U) | 4.0 | Bromoform |
| Acetone | <DL(U) | 20.0 | Bromodichloromethane |
| Methylene Chloride | <DL(U) | 20.0 | 1,1,2,2-Tetrachloroethane |
| trans-1,2-Dichloroethene | <DL(U) | 4.0 | Benzene |
| Methyl-tert-butyl ether | <DL(U) | 4.0 | cis-1,3-Dichloropropene |
| 1,1-Dichloroethane | <DL(U) | 4.0 | 4-Methyl-2-pentanone |
| 2,2-Dichloropropane | <DL(U) | 4.0 | Toluene |
| cis-1,2-Dichloroethene | <DL(U) | 4.0 | trans-1,3-Dichloropropene |
| Methyl ethyl ketone | <DL(U) | 4.0 | 1,1,2-Trichloroethane |
| Bromochloromethane | <DL(U) | 4.0 | Tetrachloroethene |
| Chloroform | <DL(U) | 4.0 | 1,3-Dichloropropane |
| 1,1,1-Trichloroethane | <DL(U) | 4.0 | 2-Hexanone |

Results Det Limit*

| | |
|--------|-----|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |

* DL = Detection Limit



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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**Extraction Method: **EPA 5030 Purge & Trap**Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

49802

Sample ID#1(CUST)

EXISTING MW 7

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

Dibromochloromethane

<DL(U) 4.0

1,2-Dibromoethane

<DL(U) 4.0

Ethylbenzene

<DL(U) 4.0

m&p-Xylene

<DL(U) 8.0

o-Xylene

<DL(U) 4.0

Styrene

<DL(U) 4.0

Isopropylbenzene

<DL(U) 4.0

n-Propylbenzene

<DL(U) 4.0

1,3,5-Trimethylbenzene

<DL(U) 4.0

tert-Butylbenzene

<DL(U) 4.0

1,2,4-Trimethylbenzene

<DL(U) 4.0

sec-Butylbenzene

<DL(U) 4.0

Chlorobenzene

<DL(U) 4.0

1,1,1,2-Tetrachloroethane

<DL(U) 4.0

Bromobenzene

<DL(U) 4.0

1,2,3-Trichloropropane

<DL(U) 4.0

2-Chlorotoluene

<DL(U) 4.0

4-Chlorotoluene

<DL(U) 4.0

1,3-Dichlorobenzene

4-Isopropyltoluene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

n-Butylbenzene

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

Hexachlorobutadiene

Naphthalene

1,2,3-Trichlorobenzene

Results Det Limit*

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 10.0

<DL(U) 4.0

<DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Results shown are: **PAH Compounds**

Extraction Method: **EPA 3510 Liquid-Liquid**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| | |
|-------------|-------|
| 48795 | |
| MW 1-02 | |
| | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | |
| 01/28/02 | 09:00 |
| 01/31/02 | |
| 01/31/02 | |

Naphthalene
 Acenaphthylene
 Acenaphthene
 Fluorene
 Phenanthrene
 Anthracene
 Fluoranthene
 Pyrene
 Benzo(a)anthracene
 Chrysene
 Benzo(b)fluoranthene
 Benzo(k)fluoranthene
 Benzo(a)pyrene
 Indeno(1,2,3-c,d)pyrene
 Dibenzo(a,h)anthracene
 Benzo(g,h,i)perylene

| Results | Det Limit* |
|---------|------------|
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**FAX **851-7252**PO Number: **SPILL # 9710497**Project Number PIN # **H80271**

Project Cust:

Project Site: **VIBRATECH BUFFALO**

Date FAXED:

Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

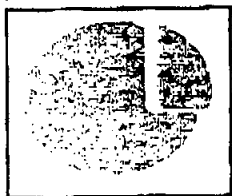
Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

| | |
|-------------------------|---------------------------|
| Sample ID (LAB) | 48796 |
| Sample ID#1(CUST) | MW 2-02 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 01/31/02 |
| | Results Det Limit* |
| Naphthalene | < DL(U) 0.010 |
| Acenaphthylene | < DL(U) 0.010 |
| Acenaphthene | < DL(U) 0.010 |
| Fluorene | < DL(U) 0.010 |
| Phenanthrene | < DL(U) 0.010 |
| Anthracene | < DL(U) 0.010 |
| Fluoranthene | < DL(U) 0.010 |
| Pyrene | < DL(U) 0.010 |
| Benzo(a)anthracene | < DL(U) 0.010 |
| Chrysene | < DL(U) 0.010 |
| Benzo(b)fluoranthene | < DL(U) 0.010 |
| Benzo(k)fluoranthene | < DL(U) 0.010 |
| Benzo(a)pyrene | < DL(U) 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) 0.010 |
| Dibenz(a,h)anthracene | < DL(U) 0.010 |
| Benzo(g,h,i)perylene | < DL(U) 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

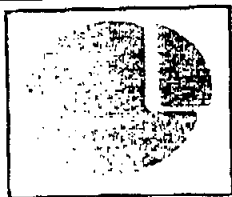
Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

| | |
|-------------------------|---------------------------|
| Sample ID (LAB) | 48797 |
| Sample ID#1(CUST) | MW 3-02 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 01/31/02 |
| | Results Det Limit* |
| Naphthalene | < DL(U) 0.010 |
| Acenaphthylene | < DL(U) 0.010 |
| Acenaphthene | < DL(U) 0.010 |
| Fluorene | < DL(U) 0.010 |
| Phenanthrene | < DL(U) 0.010 |
| Anthracene | < DL(U) 0.010 |
| Fluoranthene | < DL(U) 0.010 |
| Pyrene | < DL(U) 0.010 |
| Benzo(a)anthracene | < DL(U) 0.010 |
| Chrysene | < DL(U) 0.010 |
| Benzo(b)fluoranthene | < DL(U) 0.010 |
| Benzo(k)fluoranthene | < DL(U) 0.010 |
| Benzo(a)pyrene | < DL(U) 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) 0.010 |
| Dibenz(a,h)anthracene | < DL(U) 0.010 |
| Benzo(g,h,i)perylene | < DL(U) 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Results shown are: **PAH Compounds**

Extraction Method: **EPA 3510 Liquid-Liquid**

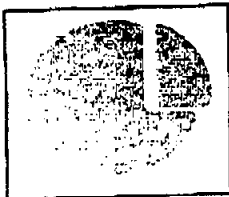
Analysis Method: **EPA 8270 GC/MS**

| | | |
|-------------------------|-------------|------------|
| Sample ID (LAB) | 48798 | |
| Sample ID#1(CUST) | MW 4-02 | |
| Sample ID#2(CUST) | | |
| Matrix | WATER | |
| Sampled By | DALE GRAMZA | |
| Date Sampled | 01/23/02 | |
| Date Received | 01/28/02 | 09:00 |
| Date Analyzed | 01/31/02 | |
| Date Reported | 01/31/02 | |
| | Results | Det Limit* |
| Naphthalene | < DL(U) | 0.010 |
| Acenaphthylene | < DL(U) | 0.010 |
| Acenaphthene | < DL(U) | 0.010 |
| Fluorene | < DL(U) | 0.010 |
| Phenanthrene | < DL(U) | 0.010 |
| Anthracene | < DL(U) | 0.010 |
| Fluoranthene | < DL(U) | 0.010 |
| Pyrene | < DL(U) | 0.010 |
| Benzo(a)anthracene | < DL(U) | 0.010 |
| Chrysene | < DL(U) | 0.010 |
| Benzo(b)fluoranthene | < DL(U) | 0.010 |
| Benzo(k)fluoranthene | < DL(U) | 0.010 |
| Benzo(a)pyrene | < DL(U) | 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) | 0.010 |
| Dibenz(a,h)anthracene | < DL(U) | 0.010 |
| Benzo(g,h,i)perylene | < DL(U) | 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

Results shown are: **PAH Compounds**
 Extraction Method: **EPA 3510 Liquid-Liquid**
 Analysis Method: **EPA 8270 GC/MS**

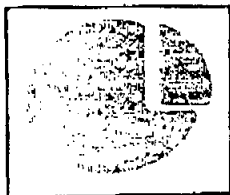
| | |
|-------------|-------|
| 48799 | |
| MW 5-02 | |
| | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | |
| 01/28/02 | 09:00 |
| 01/31/02 | |
| 01/31/02 | |

| | Results | Det Limit* |
|-------------------------|---------|------------|
| Naphthalene | < DL(U) | 0.010 |
| Acenaphthylene | < DL(U) | 0.010 |
| Acenaphthene | < DL(U) | 0.010 |
| Fluorene | < DL(U) | 0.010 |
| Phenanthrene | < DL(U) | 0.010 |
| Anthracene | < DL(U) | 0.010 |
| Fluoranthene | < DL(U) | 0.010 |
| Pyrene | < DL(U) | 0.010 |
| Benzo(a)anthracene | < DL(U) | 0.010 |
| Chrysene | < DL(U) | 0.010 |
| Benzo(b)fluoranthene | < DL(U) | 0.010 |
| Benzo(k)fluoranthene | < DL(U) | 0.010 |
| Benzo(a)pyrene | < DL(U) | 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) | 0.010 |
| Dibenz(a,h)anthracene | < DL(U) | 0.010 |
| Benzo(g,h,i)perylene | < DL(U) | 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

48800

EXISTING MW 2

WATER

DALE GRAMZA

01/23/02

01/28/02 09:00

01/31/02

01/31/02

Results Det Limit*

Naphthalene

< DL(U) 0.010

Acenaphthylene

< DL(U) 0.010

Acenaphthene

< DL(U) 0.010

Fluorene

< DL(U) 0.010

Phenanthrene

< DL(U) 0.010

Anthracene

< DL(U) 0.010

Fluoranthene

< DL(U) 0.010

Pyrene

< DL(U) 0.010

Benzo(a)anthracene

< DL(U) 0.010

Chrysene

< DL(U) 0.010

Benzo(b)fluoranthene

< DL(U) 0.010

Benzo(k)fluoranthene

< DL(U) 0.010

Benzo(a)pyrene

< DL(U) 0.010

Indeno(1,2,3-c,d)pyrene

< DL(U) 0.010

Dibenz(a,h)anthracene

< DL(U) 0.010

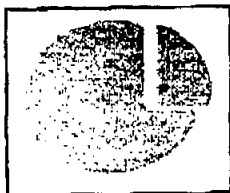
Benzo(g,h,i)perylene

< DL(U) 0.010

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

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800 - 843 - 5227

LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

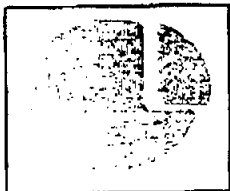
| | |
|---------------|-------|
| 48801 | |
| EXISTING MW 6 | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | |
| 01/28/02 | 09:00 |
| 01/31/02 | |
| 01/31/02 | |

| | Results | Det Limit* |
|-------------------------|---------|------------|
| Naphthalene | < DL(U) | 0.010 |
| Acenaphthylene | < DL(U) | 0.010 |
| Acenaphthene | < DL(U) | 0.010 |
| Fluorene | < DL(U) | 0.010 |
| Phenanthrene | < DL(U) | 0.010 |
| Anthracene | < DL(U) | 0.010 |
| Fluoranthene | < DL(U) | 0.010 |
| Pyrene | < DL(U) | 0.010 |
| Benzo(a)anthracene | < DL(U) | 0.010 |
| Chrysene | < DL(U) | 0.010 |
| Benzo(b)fluoranthene | < DL(U) | 0.010 |
| Benzo(k)fluoranthene | < DL(U) | 0.010 |
| Benzo(a)pyrene | < DL(U) | 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) | 0.010 |
| Dibenz(a,h)anthracene | < DL(U) | 0.010 |
| Benzo(g,h,i)perylene | < DL(U) | 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

| | |
|-------------------------|---------------------------|
| Sample ID (LAB) | 48802 |
| Sample ID#1(CUST) | EXISTING MW 7 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 01/31/02 |
| | Results Det Limit* |
| Naphthalene | < DL(U) 0.010 |
| Acenaphthylene | < DL(U) 0.010 |
| Acenaphthene | < DL(U) 0.010 |
| Fluorene | < DL(U) 0.010 |
| Phenanthrene | < DL(U) 0.010 |
| Anthracene | < DL(U) 0.010 |
| Fluoranthene | < DL(U) 0.010 |
| Pyrene | < DL(U) 0.010 |
| Benzo(a)anthracene | < DL(U) 0.010 |
| Chrysene | < DL(U) 0.010 |
| Benzo(b)fluoranthene | < DL(U) 0.010 |
| Benzo(k)fluoranthene | < DL(U) 0.010 |
| Benzo(a)pyrene | < DL(U) 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) 0.010 |
| Dibenz(a,h)anthracene | < DL(U) 0.010 |
| Benzo(g,h,i)perylene | < DL(U) 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM

Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - TPH-310.13

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone 851-7220

FAX 851-7252

PO Number: SPILL # 9710497

Project Number PIN # H80271

Project Cust:

Project Site: VIBRATECH BUFFALO

Date FAXED:

Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

Extraction Method: EPA 3550 Sonication

Analysis Method: EPA 8270 GC/MS

*See Individual Limit

Sample ID (LAB)

48795

Sample ID#1(CUST)

MW 1-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02 00:00

Date Received

01/28/02 09:00

Date Analyzed

01/28/02

Date Reported

01/29/02

Det Limit*(ppm)

Kerosene

< DL(U) 0.1

Fuel Oil #2

< DL(U) 0.1

Lube Oil

16.3 0.1

Gasoline

Not Detected

Unknown Hydrocarbons

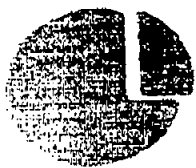
< DL(U) 0.1

E=Exceeds calibration range

J=Detected above MDL, but below PQL

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RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - TPH-310.13

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
 Detection Limits* = Water=mg/L ppm

*See Individual Limit

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| | |
|-------------|-------|
| 48797 | |
| MW 3-02 | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | 00:00 |
| 01/28/02 | 09:00 |
| 01/28/02 | |
| 01/29/02 | |

Det Limit*(ppm)

Kerosene
 Fuel Oil #2
 Lube Oil
 Gasoline
 Unknown Hydrocarbons

| | |
|--------------|-----|
| < DL(U) | 0.1 |
| < DL(U) | 0.1 |
| < DL(U) | 0.1 |
| Not Detected | |
| < DL(U) | 0.1 |

Extraction Method: **EPA 3550 Sonication**
 Analysis Method: **EPA 8270 GC/MS**

E=Exceeds calibration range

J=Detected above MDL, but below PQL

Page 1

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - TPH-310.13

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**Project Number **PIN # H80271**

Project Cust:

Project Site: **VIBRATECH BUFFALO**

Date FAXED:

Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Water=mg/L ppm

Extraction Method: **EPA 3550 Sonication**Analysis Method: **EPA 8270 GC/MS**

*See Individual Limit

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

| | |
|---------------|-------|
| 48801 | |
| EXISTING MW 6 | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | 00:00 |
| 01/28/02 | 09:00 |
| 01/28/02 | |
| 01/29/02 | |

Det Limit*(ppm)

Kerosene

< DL(U) 0.1

Fuel Oil #2

< DL(U) 0.1

Lube Oil

< DL(U) 0.1

Gasoline

Not Detected

Unknown Hydrocarbons

< DL(U) 0.1

E=Exceeds calibration range

J=Detected above MDL, but below PQL

Page 1

RESULTS WHEN YOU WANT THEM



Francine Gallego
New York State DEC - Region 9
270 Michigan Ave.
Buffalo, NY 14203

Phone: (716) 851-7220

FAX: (716) 851-7252

Revised Laboratory Analysis Report for the New York State Department of Environmental Conservation

Contract Number: C200209

NYS DEC Spill #: 9710497

NYS DEC Pin #: H-0271

LSL Project ID: 0300088

Receive Date/Time: 01/03/03 14:10 by: EE

"I certify that this laboratory has current ELAP certification to provide the analytical results in this report and that the data package is in compliance with the terms and conditions of the contract."

Francine Gallego QAD 1-21-03
Reviewed By Date

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NYS DOH ELAP #10760

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Fax. (585) 554-6743
NYS DOH ELAP #11369

-- REVISED LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW5-02 LSL Sample ID: 0300088-001
Location: Vibrattech
Sampled: 01/02/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Prep | Analysis | Analyst |
|-----------------------------|-----------|-------------|----------|
| Analyte | Date | Date & Time | Initials |
| (1) ITEM #SS-13- ,EPA 8260B | | | |
| Acetone | <200 ug/l | 1/9/03 | LEF |
| Benzene | <100 ug/l | 1/9/03 | LEF |
| Bromodichloromethane | <100 ug/l | 1/9/03 | LEF |
| Bromoform | <100 ug/l | 1/9/03 | LEF |
| Bromomethane | <100 ug/l | 1/9/03 | LEF |
| 2-Butanone (MEK) | <200 ug/l | 1/9/03 | LEF |
| Carbon disulfide | <100 ug/l | 1/9/03 | LEF |
| Carbon tetrachloride | <100 ug/l | 1/9/03 | LEF |
| Chlorobenzene | <100 ug/l | 1/9/03 | LEF |
| Chloroethane | <100 ug/l | 1/9/03 | LEF |
| Chloroform | <100 ug/l | 1/9/03 | LEF |
| Chloromethane | <100 ug/l | 1/9/03 | LEF |
| Dibromochloromethane | <100 ug/l | 1/9/03 | LEF |
| 1,1-Dichloroethane | <100 ug/l | 1/9/03 | LEF |
| 1,2-Dichloroethane | <100 ug/l | 1/9/03 | LEF |
| 1,1-Dichloroethene | <100 ug/l | 1/9/03 | LEF |
| 1,2-Dichloroethene, Total | <100 ug/l | 1/9/03 | LEF |
| 1,2-Dichloropropane | <100 ug/l | 1/9/03 | LEF |
| cis-1,3-Dichloropropene | <100 ug/l | 1/9/03 | LEF |
| trans-1,3-Dichloropropene | <100 ug/l | 1/9/03 | LEF |
| Ethyl benzene | <100 ug/l | 1/9/03 | LEF |
| 2-Hexanone | <200 ug/l | 1/9/03 | LEF |
| Methylene chloride | <200 ug/l | 1/9/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <200 ug/l | 1/9/03 | LEF |
| Styrene | <100 ug/l | 1/9/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <100 ug/l | 1/9/03 | LEF |
| Tetrachloroethene | <100 ug/l | 1/9/03 | LEF |
| Toluene | <100 ug/l | 1/9/03 | LEF |
| 1,1,1-Trichloroethane | <100 ug/l | 1/9/03 | LEF |
| 1,1,2-Trichloroethane | <100 ug/l | 1/9/03 | LEF |
| Trichloroethene | <100 ug/l | 1/9/03 | LEF |
| Vinyl chloride | <100 ug/l | 1/9/03 | LEF |
| Xylenes (Total) | <100 ug/l | 1/9/03 | LEF |
| Surrogate (4-BFB) | 107 %R | 1/9/03 | LEF |
| Surrogate (Tol-d8) | 98 %R | 1/9/03 | LEF |
| Surrogate (1,2-DCA-d4) | 93 %R | 1/9/03 | LEF |

Elevated detection limits due to the presence of free petroleum hydrocarbon product in the sample.

-- REVISED LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW7 LSL Sample ID: 0300088-002
Location: Vibratex
Sampled: 01/02/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | | | Prep | Analysis | Analyst |
|-----------------------------|--------|-------|------|-------------|----------|
| Analyte | Result | Units | Date | Date & Time | Initials |
| (1) ITEM #SS-13- ,EPA 8260B | | | | | |
| Acetone | <10 | ug/l | | 1/9/03 | LEF |
| Benzene | <5 | ug/l | | 1/9/03 | LEF |
| Bromodichloromethane | <5 | ug/l | | 1/9/03 | LEF |
| Bromoform | <5 | ug/l | | 1/9/03 | LEF |
| Bromomethane | <5 | ug/l | | 1/9/03 | LEF |
| 2-Butanone (MEK) | <10 | ug/l | | 1/9/03 | LEF |
| Carbon disulfide | <5 | ug/l | | 1/9/03 | LEF |
| Carbon tetrachloride | <5 | ug/l | | 1/9/03 | LEF |
| Chlorobenzene | <5 | ug/l | | 1/9/03 | LEF |
| Chloroethane | <5 | ug/l | | 1/9/03 | LEF |
| Chloroform | <5 | ug/l | | 1/9/03 | LEF |
| Chloromethane | <5 | ug/l | | 1/9/03 | LEF |
| Dibromochloromethane | <5 | ug/l | | 1/9/03 | LEF |
| 1,1-Dichloroethane | <5 | ug/l | | 1/9/03 | LEF |
| 1,2-Dichloroethane | <5 | ug/l | | 1/9/03 | LEF |
| 1,1-Dichloroethene | <5 | ug/l | | 1/9/03 | LEF |
| 1,2-Dichloroethene, Total | <5 | ug/l | | 1/9/03 | LEF |
| 1,2-Dichloropropane | <5 | ug/l | | 1/9/03 | LEF |
| cis-1,3-Dichloropropene | <5 | ug/l | | 1/9/03 | LEF |
| trans-1,3-Dichloropropene | <5 | ug/l | | 1/9/03 | LEF |
| Ethyl benzene | <5 | ug/l | | 1/9/03 | LEF |
| 2-Hexanone | <10 | ug/l | | 1/9/03 | LEF |
| Methylene chloride | <10 | ug/l | | 1/9/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <10 | ug/l | | 1/9/03 | LEF |
| Styrene | <5 | ug/l | | 1/9/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <5 | ug/l | | 1/9/03 | LEF |
| Tetrachloroethene | <5 | ug/l | | 1/9/03 | LEF |
| Toluene | <5 | ug/l | | 1/9/03 | LEF |
| 1,1,1-Trichloroethane | <5 | ug/l | | 1/9/03 | LEF |
| 1,1,2-Trichloroethane | <5 | ug/l | | 1/9/03 | LEF |
| Trichloroethene | <5 | ug/l | | 1/9/03 | LEF |
| Vinyl chloride | <5 | ug/l | | 1/9/03 | LEF |
| Xylenes (Total) | <5 | ug/l | | 1/9/03 | LEF |
| Surrogate (4-BFB) | 100 | %R | | 1/9/03 | LEF |
| Surrogate (Tol-d8) | 99 | %R | | 1/9/03 | LEF |
| Surrogate (1,2-DCA-d4) | 100 | %R | | 1/9/03 | LEF |

-- REVISED LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW2 LSL Sample ID: 0300088-003
Location: Vibrattech
Sampled: 01/02/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Prep Date | Analysis Date & Time | Analyst Initials |
|-----------------------------|-----------|----------------------|------------------|
| Analyte | Result | Units | |
| (1) ITEM #SS-13- ,EPA 8260B | | | |
| Acetone | <10 | ug/l | 1/9/03 LEF |
| Benzene | <5 | ug/l | 1/9/03 LEF |
| Bromodichloromethane | <5 | ug/l | 1/9/03 LEF |
| Bromoform | <5 | ug/l | 1/9/03 LEF |
| Bromomethane | <5 | ug/l | 1/9/03 LEF |
| 2-Butanone (MEK) | <10 | ug/l | 1/9/03 LEF |
| Carbon disulfide | <5 | ug/l | 1/9/03 LEF |
| Carbon tetrachloride | <5 | ug/l | 1/9/03 LEF |
| Chlorobenzene | <5 | ug/l | 1/9/03 LEF |
| Chloroethane | <5 | ug/l | 1/9/03 LEF |
| Chloroform | <5 | ug/l | 1/9/03 LEF |
| Chloromethane | <5 | ug/l | 1/9/03 LEF |
| Dibromochloromethane | <5 | ug/l | 1/9/03 LEF |
| 1,1-Dichloroethane | 100 | ug/l | 1/9/03 LEF |
| 1,2-Dichloroethane | <5 | ug/l | 1/9/03 LEF |
| 1,1-Dichloroethene | <5 | ug/l | 1/9/03 LEF |
| 1,2-Dichloroethene, Total | 14 | ug/l | 1/9/03 LEF |
| 1,2-Dichloropropane | <5 | ug/l | 1/9/03 LEF |
| cis-1,3-Dichloropropene | <5 | ug/l | 1/9/03 LEF |
| trans-1,3-Dichloropropene | <5 | ug/l | 1/9/03 LEF |
| Ethyl benzene | <5 | ug/l | 1/9/03 LEF |
| 2-Hexanone | <10 | ug/l | 1/9/03 LEF |
| Methylene chloride | <10 | ug/l | 1/9/03 LEF |
| 4-Methyl-2-pentanone (MIBK) | <10 | ug/l | 1/9/03 LEF |
| Styrene | <5 | ug/l | 1/9/03 LEF |
| 1,1,2,2-Tetrachloroethane | <5 | ug/l | 1/9/03 LEF |
| Tetrachloroethene | <5 | ug/l | 1/9/03 LEF |
| Toluene | <5 | ug/l | 1/9/03 LEF |
| 1,1,1-Trichloroethane | 110 | ug/l | 1/9/03 LEF |
| 1,1,2-Trichloroethane | <5 | ug/l | 1/9/03 LEF |
| Trichloroethene | 16 | ug/l | 1/9/03 LEF |
| Vinyl chloride | <5 | ug/l | 1/9/03 LEF |
| Xylenes (Total) | <5 | ug/l | 1/9/03 LEF |
| Surrogate (4-BFB) | 100 | %R | 1/9/03 LEF |
| Surrogate (Tol-d8) | 100 | %R | 1/9/03 LEF |
| Surrogate (1,2-DCA-d4) | 95 | %R | 1/9/03 LEF |

- - REVISED LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW6 LSL Sample ID: 0300088-004
Location: Vibrattech
Sampled: 01/02/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Prep | Analysis | Analyst |
|-----------------------------|----------|-------------|----------|
| Analyte | Date | Date & Time | Initials |
| (1) ITEM #SS-13- ,EPA 8260B | | | |
| Acetone | <10 ug/l | 1/9/03 | LEF |
| Benzene | <5 ug/l | 1/9/03 | LEF |
| Bromodichloromethane | <5 ug/l | 1/9/03 | LEF |
| Bromoform | <5 ug/l | 1/9/03 | LEF |
| Bromomethane | <5 ug/l | 1/9/03 | LEF |
| 2-Butanone (MEK) | <10 ug/l | 1/9/03 | LEF |
| Carbon disulfide | <5 ug/l | 1/9/03 | LEF |
| Carbon tetrachloride | <5 ug/l | 1/9/03 | LEF |
| Chlorobenzene | <5 ug/l | 1/9/03 | LEF |
| Chloroethane | <5 ug/l | 1/9/03 | LEF |
| Chloroform | <5 ug/l | 1/9/03 | LEF |
| Chloromethane | <5 ug/l | 1/9/03 | LEF |
| Dibromochloromethane | <5 ug/l | 1/9/03 | LEF |
| 1,1-Dichloroethane | 25 ug/l | 1/9/03 | LEF |
| 1,2-Dichloroethane | <5 ug/l | 1/9/03 | LEF |
| 1,1-Dichloroethene | <5 ug/l | 1/9/03 | LEF |
| 1,2-Dichloroethene, Total | 25 ug/l | 1/9/03 | LEF |
| 1,2-Dichloropropane | <5 ug/l | 1/9/03 | LEF |
| cis-1,3-Dichloropropene | <5 ug/l | 1/9/03 | LEF |
| trans-1,3-Dichloropropene | <5 ug/l | 1/9/03 | LEF |
| Ethyl benzene | <5 ug/l | 1/9/03 | LEF |
| 2-Hexanone | <10 ug/l | 1/9/03 | LEF |
| Methylene chloride | <10 ug/l | 1/9/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <10 ug/l | 1/9/03 | LEF |
| Styrene | <5 ug/l | 1/9/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <5 ug/l | 1/9/03 | LEF |
| Tetrachloroethene | <5 ug/l | 1/9/03 | LEF |
| Toluene | <5 ug/l | 1/9/03 | LEF |
| 1,1,1-Trichloroethane | <5 ug/l | 1/9/03 | LEF |
| 1,1,2-Trichloroethane | <5 ug/l | 1/9/03 | LEF |
| Trichloroethene | <5 ug/l | 1/9/03 | LEF |
| Vinyl chloride | 26 ug/l | 1/9/03 | LEF |
| Xylenes (Total) | <5 ug/l | 1/9/03 | LEF |
| Surrogate (4-BFB) | 103 %R | 1/9/03 | LEF |
| Surrogate (Tol-d8) | 102 %R | 1/9/03 | LEF |
| Surrogate (1,2-DCA-d4) | 100 %R | 1/9/03 | LEF |

-- REVISED LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW2-02 LSL Sample ID: 0300088-005
Location: Vibrattech
Sampled: 01/02/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Prep | Analysis | Analyst |
|-----------------------------|----------|-------------|----------|
| Analyte | Date | Date & Time | Initials |
| (1) ITEM #SS-13- ,EPA 8260B | | | |
| Acetone | <10 ug/l | 1/9/03 | LEF |
| Benzene | <5 ug/l | 1/9/03 | LEF |
| Bromodichloromethane | <5 ug/l | 1/9/03 | LEF |
| Bromoform | <5 ug/l | 1/9/03 | LEF |
| Bromomethane | <5 ug/l | 1/9/03 | LEF |
| 2-Butanone (MEK) | <10 ug/l | 1/9/03 | LEF |
| Carbon disulfide | <5 ug/l | 1/9/03 | LEF |
| Carbon tetrachloride | <5 ug/l | 1/9/03 | LEF |
| Chlorobenzene | <5 ug/l | 1/9/03 | LEF |
| Chloroethane | <5 ug/l | 1/9/03 | LEF |
| Chloroform | <5 ug/l | 1/9/03 | LEF |
| Chloromethane | <5 ug/l | 1/9/03 | LEF |
| Dibromochloromethane | <5 ug/l | 1/9/03 | LEF |
| 1,1-Dichloroethane | <5 ug/l | 1/9/03 | LEF |
| 1,2-Dichloroethane | <5 ug/l | 1/9/03 | LEF |
| 1,1-Dichloroethene | <5 ug/l | 1/9/03 | LEF |
| 1,2-Dichloroethene, Total | <5 ug/l | 1/9/03 | LEF |
| 1,2-Dichloropropane | <5 ug/l | 1/9/03 | LEF |
| cis-1,3-Dichloropropene | <5 ug/l | 1/9/03 | LEF |
| trans-1,3-Dichloropropene | <5 ug/l | 1/9/03 | LEF |
| Ethyl benzene | <5 ug/l | 1/9/03 | LEF |
| 2-Hexanone | <10 ug/l | 1/9/03 | LEF |
| Methylene chloride | <10 ug/l | 1/9/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <10 ug/l | 1/9/03 | LEF |
| Styrene | <5 ug/l | 1/9/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <5 ug/l | 1/9/03 | LEF |
| Tetrachloroethene | <5 ug/l | 1/9/03 | LEF |
| Toluene | <5 ug/l | 1/9/03 | LEF |
| 1,1,1-Trichloroethane | <5 ug/l | 1/9/03 | LEF |
| 1,1,2-Trichloroethane | <5 ug/l | 1/9/03 | LEF |
| Trichloroethene | <5 ug/l | 1/9/03 | LEF |
| Vinyl chloride | <5 ug/l | 1/9/03 | LEF |
| Xylenes (Total) | <5 ug/l | 1/9/03 | LEF |
| Surrogate (4-BFB) | 104 %R | 1/9/03 | LEF |
| Surrogate (Tol-d8) | 99 %R | 1/9/03 | LEF |
| Surrogate (1,2-DCA-d4) | 100 %R | 1/9/03 | LEF |

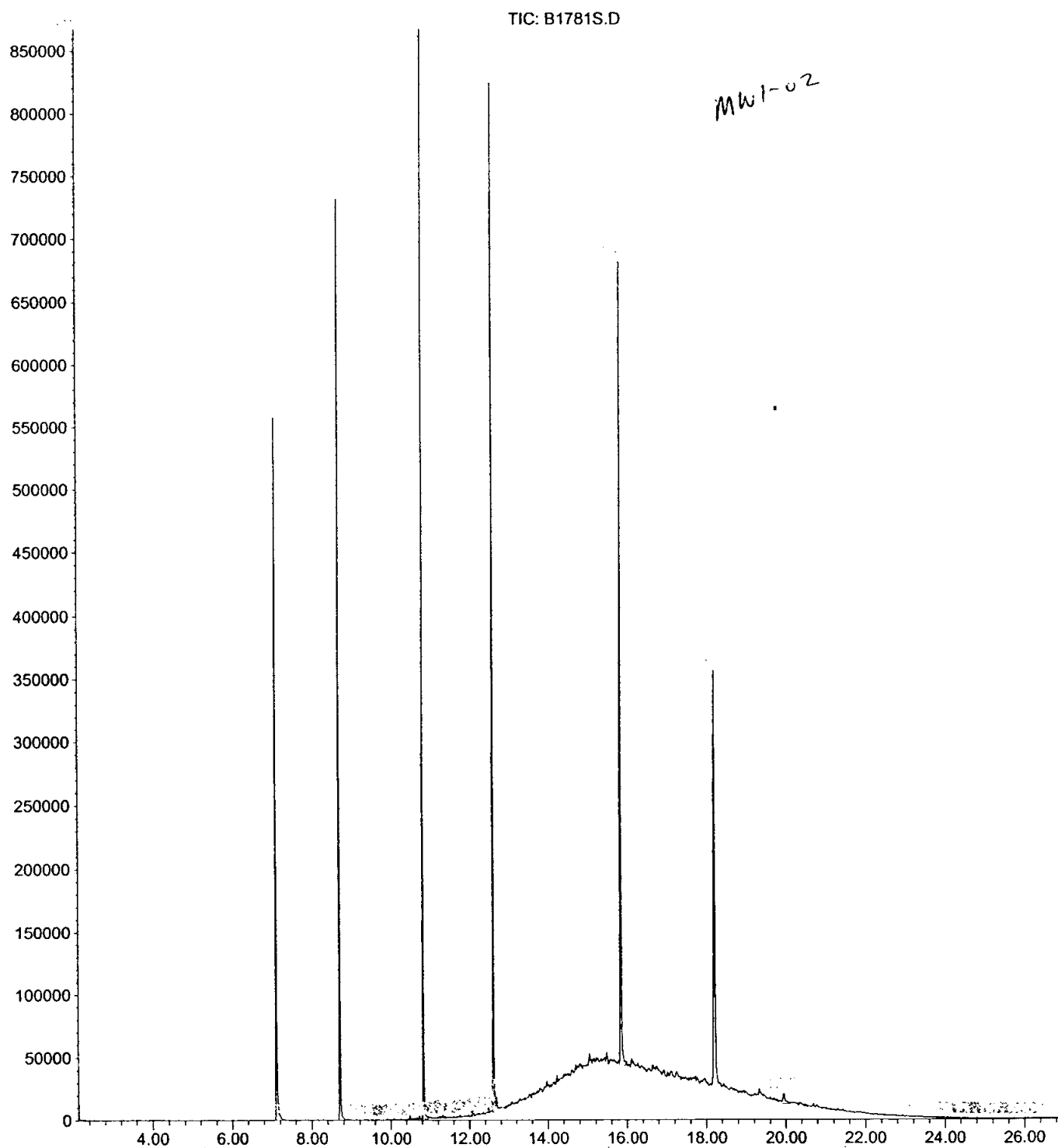
-- REVISED LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW1-02 LSL Sample ID: 0300088-006
Location: Vibratex
Sampled: 01/02/03 0:00 Sampled By: DG
Sample Matrix: SHW as Recd

| Analytical Method | | | Prep | Analysis | Analyst |
|--------------------------------------|-------------|-------|---------|-------------|----------|
| Analyte | Result | Units | Date | Date & Time | Initials |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <10 | % w/w | 1/15/03 | 1/16/03 | CRT |
| Gasoline | Not Present | | 1/15/03 | 1/16/03 | CRT |
| Kerosene | <10 | % w/w | 1/15/03 | 1/16/03 | CRT |
| Lubricating oil | Present | | 1/15/03 | 1/16/03 | CRT |
| (1) ITEM #ID-02- , NYSDOH 310-14 TPH | | | | | |
| Fingerprint ID | | | 1/15/03 | 1/16/03 | CRT |
| See attached chromatogram. | | | | | |
| (1) ITEM #SS-13- , EPA 8260B | | | | | |
| Acetone | <50 | mg/kg | | 1/10/03 | LEF |
| Benzene | <20 | mg/kg | | 1/10/03 | LEF |
| Bromodichloromethane | <20 | mg/kg | | 1/10/03 | LEF |
| Bromoform | <20 | mg/kg | | 1/10/03 | LEF |
| Bromomethane | <20 | mg/kg | | 1/10/03 | LEF |
| 2-Butanone (MEK) | <50 | mg/kg | | 1/10/03 | LEF |
| Carbon disulfide | <20 | mg/kg | | 1/10/03 | LEF |
| Carbon tetrachloride | <20 | mg/kg | | 1/10/03 | LEF |
| Chlorobenzene | <20 | mg/kg | | 1/10/03 | LEF |
| Chloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| Chloroform | <20 | mg/kg | | 1/10/03 | LEF |
| Chloromethane | <20 | mg/kg | | 1/10/03 | LEF |
| Dibromochloromethane | <20 | mg/kg | | 1/10/03 | LEF |
| 1,1-Dichloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| 1,2-Dichloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| 1,1-Dichloroethene | <20 | mg/kg | | 1/10/03 | LEF |
| 1,2-Dichloroethene, Total | <20 | mg/kg | | 1/10/03 | LEF |
| 1,2-Dichloropropane | <20 | mg/kg | | 1/10/03 | LEF |
| cis-1,3-Dichloropropene | <20 | mg/kg | | 1/10/03 | LEF |
| trans-1,3-Dichloropropene | <20 | mg/kg | | 1/10/03 | LEF |
| Ethyl benzene | <20 | mg/kg | | 1/10/03 | LEF |
| 2-Hexanone | <50 | mg/kg | | 1/10/03 | LEF |
| Methylene chloride | <50 | mg/kg | | 1/10/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <50 | mg/kg | | 1/10/03 | LEF |
| Styrene | <20 | mg/kg | | 1/10/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| Tetrachloroethene | <20 | mg/kg | | 1/10/03 | LEF |
| Toluene | <20 | mg/kg | | 1/10/03 | LEF |
| 1,1,1-Trichloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| 1,1,2-Trichloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| Trichloroethene | <20 | mg/kg | | 1/10/03 | LEF |
| Vinyl chloride | <20 | mg/kg | | 1/10/03 | LEF |
| Xylenes (Total) | <20 | mg/kg | | 1/10/03 | LEF |
| Surrogate (4-BFB) | 104 | %R | | 1/10/03 | LEF |
| Surrogate (Tol-d8) | 95 | %R | | 1/10/03 | LEF |
| Surrogate (1,2-DCA-d4) | 98 | %R | | 1/10/03 | LEF |

File : D:\HPCHEM\1\DATA\B1781S.D
Operator : TURNER
Acquired : 16 Jan 2003 9:59 using AcqMethod EPABNA
Instrument : 5972
Sample Name: 0300088-006
Misc Info : +40ppm SVIS47 0.116G/10ML 10X
Vial Number: 78



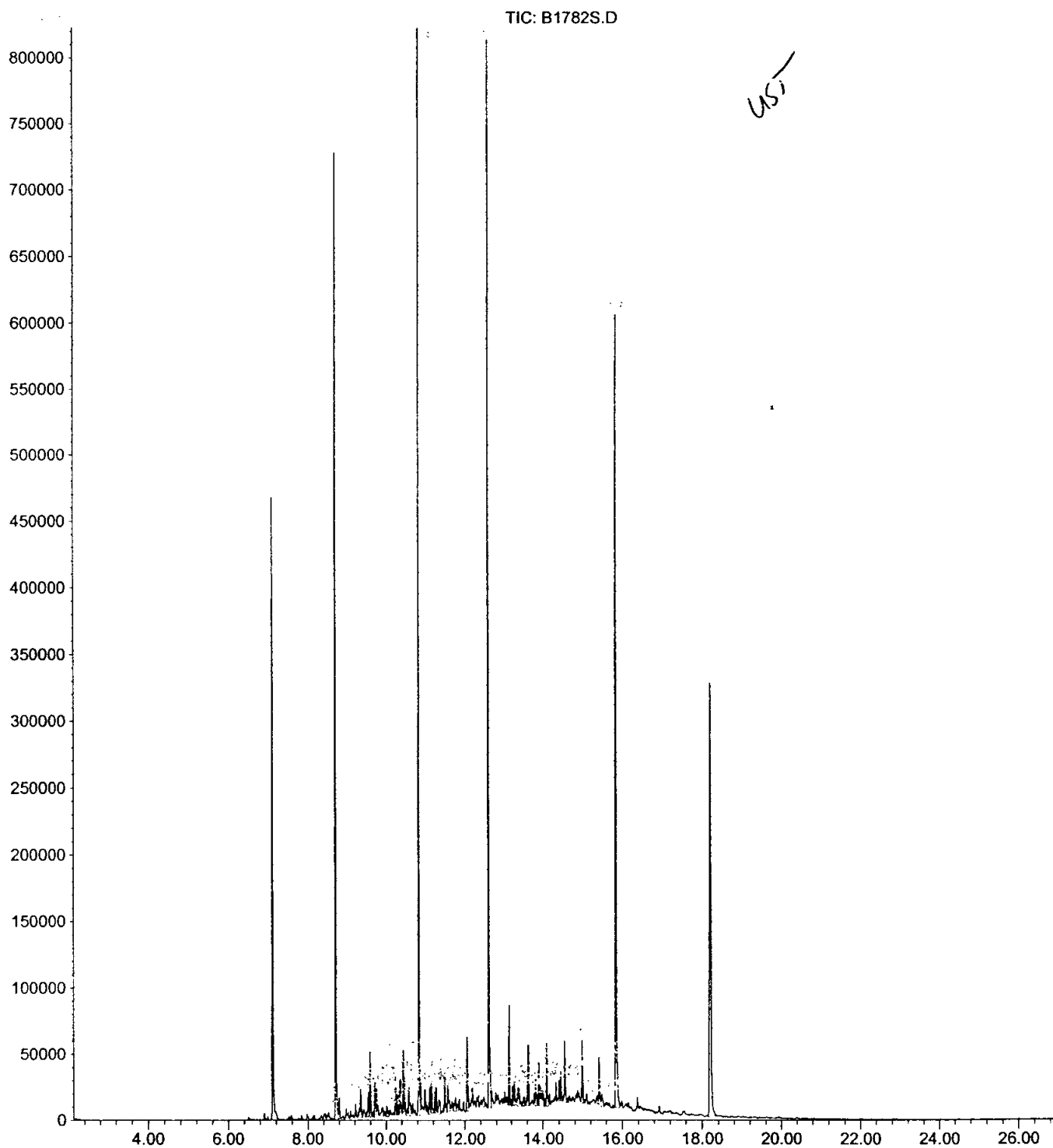
- - REVISED LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|-----------------------|---------------|-----------------------|-------------|
| Sample ID: | UST Sample | LSL Sample ID: | 0300088-007 |
| Location: | Vibratech | | |
| Sampled: | 01/02/03 0:00 | Sampled By: | DG |
| Sample Matrix: | SHW as Recd | | |

| Analytical Method | | | Prep Date | Analysis Date & Time | Analyst Initials |
|--------------------------------------|-------------|-------|-----------|----------------------|------------------|
| Analyte | Result | Units | | | |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | 28 | % w/w | 1/15/03 | 1/16/03 | CRT |
| Gasoline | Not Present | | 1/15/03 | 1/16/03 | CRT |
| Kerosene | <10 | % w/w | 1/15/03 | 1/16/03 | CRT |
| Lubricating oil | Not Present | | 1/15/03 | 1/16/03 | CRT |
| (1) ITEM #ID-02- , NYSDOH 310-14 TPH | | | | | |
| Fingerprint ID | | | 1/15/03 | 1/16/03 | CRT |
| <i>See attached chromatogram.</i> | | | | | |
| (1) ITEM #SS-13- ,EPA 8260B | | | | | |
| Acetone | <50 | mg/kg | | 1/10/03 | LEF |
| Benzene | <20 | mg/kg | | 1/10/03 | LEF |
| Bromodichloromethane | <20 | mg/kg | | 1/10/03 | LEF |
| Bromoform | <20 | mg/kg | | 1/10/03 | LEF |
| Bromomethane | <20 | mg/kg | | 1/10/03 | LEF |
| 2-Butanone (MEK) | <50 | mg/kg | | 1/10/03 | LEF |
| Carbon disulfide | <20 | mg/kg | | 1/10/03 | LEF |
| Carbon tetrachloride | <20 | mg/kg | | 1/10/03 | LEF |
| Chlorobenzene | <20 | mg/kg | | 1/10/03 | LEF |
| Chloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| Chloroform | <20 | mg/kg | | 1/10/03 | LEF |
| Chloromethane | <20 | mg/kg | | 1/10/03 | LEF |
| Dibromochloromethane | <20 | mg/kg | | 1/10/03 | LEF |
| 1,1-Dichloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| 1,2-Dichloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| 1,1-Dichloroethene | <20 | mg/kg | | 1/10/03 | LEF |
| 1,2-Dichloroethene, Total | <20 | mg/kg | | 1/10/03 | LEF |
| 1,2-Dichloropropane | <20 | mg/kg | | 1/10/03 | LEF |
| cis-1,3-Dichloropropene | <20 | mg/kg | | 1/10/03 | LEF |
| trans-1,3-Dichloropropene | <20 | mg/kg | | 1/10/03 | LEF |
| Ethyl benzene | 27 | mg/kg | | 1/10/03 | LEF |
| 2-Hexanone | <50 | mg/kg | | 1/10/03 | LEF |
| Methylene chloride | <50 | mg/kg | | 1/10/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <50 | mg/kg | | 1/10/03 | LEF |
| Styrene | <20 | mg/kg | | 1/10/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| Tetrachloroethene | <20 | mg/kg | | 1/10/03 | LEF |
| Toluene | 47 | mg/kg | | 1/10/03 | LEF |
| 1,1,1-Trichloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| 1,1,2-Trichloroethane | <20 | mg/kg | | 1/10/03 | LEF |
| Trichloroethene | <20 | mg/kg | | 1/10/03 | LEF |
| Vinyl chloride | <20 | mg/kg | | 1/10/03 | LEF |
| Xylenes (Total) | 170 | mg/kg | | 1/10/03 | LEF |
| Surrogate (4-BFB) | 107 | %R | | 1/10/03 | LEF |
| Surrogate (Tol-d8) | 99 | %R | | 1/10/03 | LEF |
| Surrogate (1,2-DCA-d4) | 100 | %R | | 1/10/03 | LEF |

File : D:\HPCHEM\1\DATA\B1782S.D
Operator : TURNER
Acquired : 16 Jan 2003 10:38 using AcqMethod EPABNA
Instrument : 5972
Sample Name: 0300088-007
Misc Info : +40ppm SVIS47 0.128G/10ML 10X
Vial Number: 79



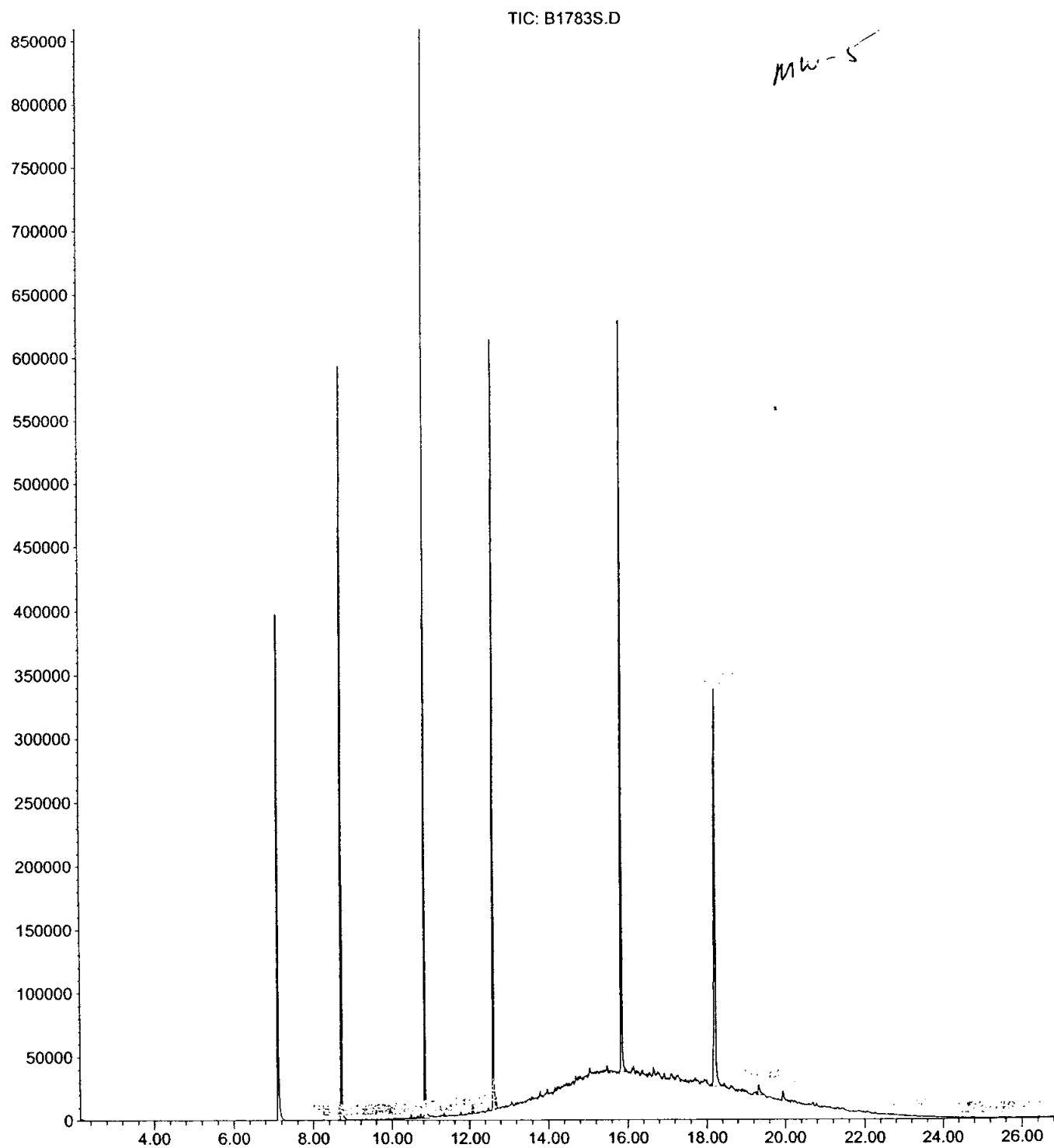
- - REVISED LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|----------------|---------------|----------------|-------------|
| Sample ID: | MW5 | LSL Sample ID: | 0300088-008 |
| Location: | Vibratech | | |
| Sampled: | 01/02/03 0:00 | Sampled By: | DG |
| Sample Matrix: | SHW as Recd | | |

| Analytical Method | | | Prep | Analysis | Analyst |
|--------------------------------------|-------------|-------|---------|-------------|----------|
| Analyte | Result | Units | Date | Date & Time | Initials |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <10 | % w/w | 1/15/03 | 1/16/03 | CRT |
| Gasoline | Not Present | | 1/15/03 | 1/16/03 | CRT |
| Kerosene | <10 | % w/w | 1/15/03 | 1/16/03 | CRT |
| Lubricating oil | Present | | 1/15/03 | 1/16/03 | CRT |
| (1) ITEM #ID-02- , NYSDOH 310-14 TPH | | | | | |
| Fingerprint ID | | | 1/15/03 | 1/16/03 | CRT |
| <i>See attached chromatogram.</i> | | | | | |
| (1) ITEM #SS-13- , EPA 8260B | | | | | |
| Acetone | <50 | mg/kg | | 1/11/03 | LEF |
| Benzene | <20 | mg/kg | | 1/11/03 | LEF |
| Bromodichloromethane | <20 | mg/kg | | 1/11/03 | LEF |
| Bromoform | <20 | mg/kg | | 1/11/03 | LEF |
| Bromomethane | <20 | mg/kg | | 1/11/03 | LEF |
| 2-Butanone (MEK) | <50 | mg/kg | | 1/11/03 | LEF |
| Carbon disulfide | <20 | mg/kg | | 1/11/03 | LEF |
| Carbon tetrachloride | <20 | mg/kg | | 1/11/03 | LEF |
| Chlorobenzene | <20 | mg/kg | | 1/11/03 | LEF |
| Chloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| Chloroform | <20 | mg/kg | | 1/11/03 | LEF |
| Chloromethane | <20 | mg/kg | | 1/11/03 | LEF |
| Dibromochloromethane | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1-Dichloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| 1,2-Dichloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1-Dichloroethene | <20 | mg/kg | | 1/11/03 | LEF |
| 1,2-Dichloroethene, Total | <20 | mg/kg | | 1/11/03 | LEF |
| 1,2-Dichloropropane | <20 | mg/kg | | 1/11/03 | LEF |
| cis-1,3-Dichloropropene | <20 | mg/kg | | 1/11/03 | LEF |
| trans-1,3-Dichloropropene | <20 | mg/kg | | 1/11/03 | LEF |
| Ethyl benzene | <20 | mg/kg | | 1/11/03 | LEF |
| 2-Hexanone | <50 | mg/kg | | 1/11/03 | LEF |
| Methylene chloride | <50 | mg/kg | | 1/11/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <50 | mg/kg | | 1/11/03 | LEF |
| Styrene | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| Tetrachloroethene | <20 | mg/kg | | 1/11/03 | LEF |
| Toluene | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1,1-Trichloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1,2-Trichloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| Trichloroethene | <20 | mg/kg | | 1/11/03 | LEF |
| Vinyl chloride | <20 | mg/kg | | 1/11/03 | LEF |
| Xylenes (Total) | 33 | mg/kg | | 1/11/03 | LEF |
| Surrogate (4-BFB) | 99 | %R | | 1/11/03 | LEF |
| Surrogate (Tol-d8) | 93 | %R | | 1/11/03 | LEF |
| Surrogate (1,2-DCA-d4) | 99 | %R | | 1/11/03 | LEF |

File : D:\HPCHEM\1\DATA\B1783S.D
Operator : TURNER
Acquired : 16 Jan 2003 11:17 using AcqMethod EPABNA
Instrument : 5972
Sample Name: 0300088-008
Misc Info : +40ppm SVIS47 0.110G/10ML 10X
Vial Number: 80



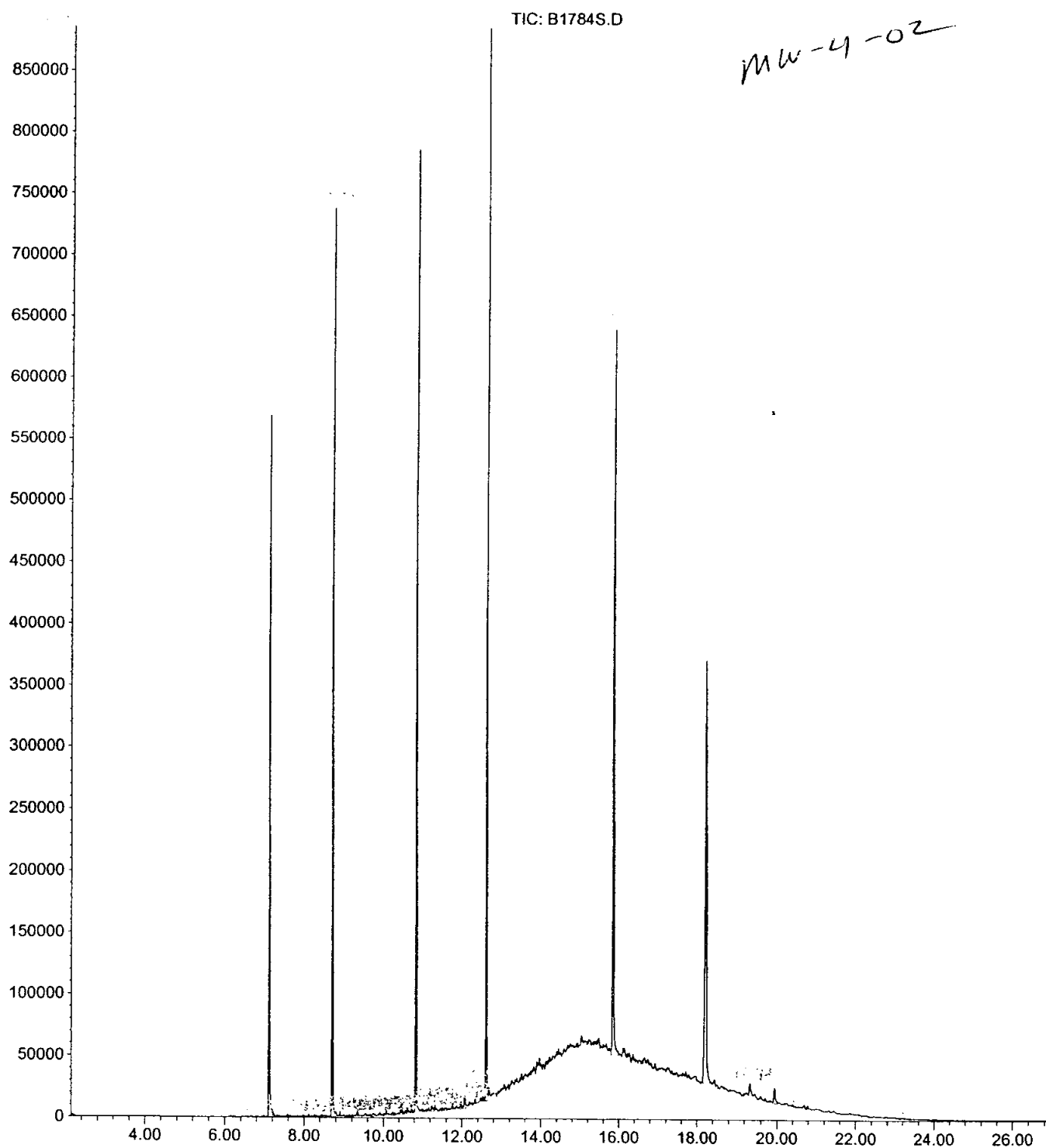
- - REVISED LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|----------------|---------------|----------------|-------------|
| Sample ID: | MW4-01 | LSL Sample ID: | 0300088-009 |
| Location: | Vibrattech | | |
| Sampled: | 01/02/03 0:00 | Sampled By: | DG |
| Sample Matrix: | SHW as Recd | | |

| Analytical Method | | | Prep Date | Analysis Date & Time | Analyst Initials |
|--------------------------------------|-------------|-------|-----------|----------------------|------------------|
| Analyte | Result | Units | | | |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <10 | % w/w | 1/15/03 | 1/16/03 | CRT |
| Gasoline | Not Present | | 1/15/03 | 1/16/03 | CRT |
| Kerosene | <10 | % w/w | 1/15/03 | 1/16/03 | CRT |
| Lubricating oil | Present | | 1/15/03 | 1/16/03 | CRT |
| (1) ITEM #ID-02- , NYSDOH 310-14 TPH | | | | | |
| Fingerprint ID | | | 1/15/03 | 1/16/03 | CRT |
| See attached chromatogram. | | | | | |
| (1) ITEM #SS-13- , EPA 8260B | | | | | |
| Acetone | <50 | mg/kg | | 1/11/03 | LEF |
| Benzene | <20 | mg/kg | | 1/11/03 | LEF |
| Bromodichloromethane | <20 | mg/kg | | 1/11/03 | LEF |
| Bromoform | <20 | mg/kg | | 1/11/03 | LEF |
| Bromomethane | <20 | mg/kg | | 1/11/03 | LEF |
| 2-Butanone (MEK) | <50 | mg/kg | | 1/11/03 | LEF |
| Carbon disulfide | <20 | mg/kg | | 1/11/03 | LEF |
| Carbon tetrachloride | <20 | mg/kg | | 1/11/03 | LEF |
| Chlorobenzene | <20 | mg/kg | | 1/11/03 | LEF |
| Chloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| Chloroform | <20 | mg/kg | | 1/11/03 | LEF |
| Chloromethane | <20 | mg/kg | | 1/11/03 | LEF |
| Dibromochloromethane | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1-Dichloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| 1,2-Dichloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1-Dichloroethene | <20 | mg/kg | | 1/11/03 | LEF |
| 1,2-Dichloroethene, Total | <20 | mg/kg | | 1/11/03 | LEF |
| 1,2-Dichloropropane | <20 | mg/kg | | 1/11/03 | LEF |
| cis-1,3-Dichloropropene | <20 | mg/kg | | 1/11/03 | LEF |
| trans-1,3-Dichloropropene | <20 | mg/kg | | 1/11/03 | LEF |
| Ethyl benzene | <20 | mg/kg | | 1/11/03 | LEF |
| 2-Hexanone | <50 | mg/kg | | 1/11/03 | LEF |
| Methylene chloride | <50 | mg/kg | | 1/11/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <50 | mg/kg | | 1/11/03 | LEF |
| Styrene | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| Tetrachloroethene | <20 | mg/kg | | 1/11/03 | LEF |
| Toluene | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1,1-Trichloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| 1,1,2-Trichloroethane | <20 | mg/kg | | 1/11/03 | LEF |
| Trichloroethene | <20 | mg/kg | | 1/11/03 | LEF |
| Vinyl chloride | <20 | mg/kg | | 1/11/03 | LEF |
| Xylenes (Total) | <20 | mg/kg | | 1/11/03 | LEF |
| Surrogate (4-BFB) | 99 | %R | | 1/11/03 | LEF |
| Surrogate (Tol-d8) | 88 | %R | | 1/11/03 | LEF |
| Surrogate (1,2-DCA-d4) | 115 | %R | | 1/11/03 | LEF |

File : D:\HPCHEM\1\DATA\B1784S.D
Operator : TURNER
Acquired : 16 Jan 2003 11:55 using AcqMethod EPABNA
Instrument : 5972
Sample Name: 0300088-009
Misc Info : +40ppm SVIS47 0.124G/10ML 10X
Vial Number: 81





SURROGATE RECOVERY CONTROL LIMITS FOR ORGANIC METHODS

8/14/02

| <u>Method</u> | <u>Surrogate(s)</u> | <u>Water
Limits, %R</u> | <u>SHW
Limits, %R</u> |
|---------------|----------------------------|-----------------------------|---------------------------|
| EPA 504 | TCMX | 80-120 | NA |
| EPA 508 | DCB | 70-130 | NA |
| EPA 515.4 | DCAA | 70-130 | NA |
| EPA 524.2 | 1,2-DCA-d4, 4-BFB | 80-120 | NA |
| EPA 525.2 | 1,3-DM-2-NB, TPP, Per-d12 | 70-130 | NA |
| EPA 526 | 1,3-DM-2-NB, TPP | 70-130 | NA |
| EPA 528 | 2-CP-3,4,5,6-d4, 2,4,6-TBP | 70-130 | NA |
| EPA 551.1 | Decafluorobiphenyl | 80-120 | NA |
| EPA 552.2 | 2,3-DBPA | 80-120 | NA |
| EPA 601 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 602 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 608 | DCB | 30-150 | NA |
| EPA 624 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 625, AE | 2-Fluorophenol | 21-110 | NA |
| EPA 625, AE | Phenol-d5 | 10-110 | NA |
| EPA 625, AE | 2,4,6-Tribromophenol | 10-123 | NA |
| EPA 625, BN | Nitrobenzene-d5 | 35-114 | NA |
| EPA 625, BN | 2-Fluorobiphenyl | 43-116 | NA |
| EPA 625, BN | Terphenyl-d14 | 33-141 | NA |
| EPA 8010 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8020 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8021 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8081 | TCMX, DCB | 30-150 | 30-150 |
| EPA 8082 | DCB | 30-150 | 30-150 |
| EPA 8151 | DCAA | 70-130 | 30-120 |
| EPA 8260 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8270, AE | 2-Fluorophenol | 21-110 | 25-121 |
| EPA 8270, AE | Phenol-d5 | 10-110 | 24-113 |
| EPA 8270, AE | 2,4,6-Tribromophenol | 10-123 | 19-122 |
| EPA 8270, BN | Nitrobenzene-d5 | 35-114 | 23-120 |
| EPA 8270, BN | 2-Fluorobiphenyl | 43-116 | 30-115 |
| EPA 8270, BN | Terphenyl-d14 | 33-141 | 18-137 |
| DOH 310-13 | Dodecane | 40-110 | 40-110 |
| DOH 310-14 | Dodecane | 40-110 | 40-110 |
| DOH 310-15 | Dodecane | 40-110 | 40-110 |
| DOH 310-34* | 4-BFB | 50-150 | 50-150 |
| 8015M_GRO* | 4-BFB | 50-150 | 50-150 |
| 8015M_DRO* | Terphenyl-d14 | 50-150 | 50-150 |

*Run by GC/MS.

-- REVISED LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: Hydraulic Line Sample LSL Sample ID: 0300088-010
Location: Vibratex
Sampled: 01/02/03 0:00 Sampled By: DG
Sample Matrix: SHW as Recd

| Analytical Method | | | Prep | Analysis | Analyst |
|--------------------------------------|-------------|-------|---------|-------------|----------|
| Analyte | Result | Units | Date | Date & Time | Initials |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | see comment | | 1/15/03 | 1/16/03 | CRT |
| Gasoline | Not Present | | 1/15/03 | 1/16/03 | CRT |
| Kerosene | <10 | % w/w | 1/15/03 | 1/16/03 | CRT |
| Lubricating oil | see comment | | 1/15/03 | 1/16/03 | CRT |

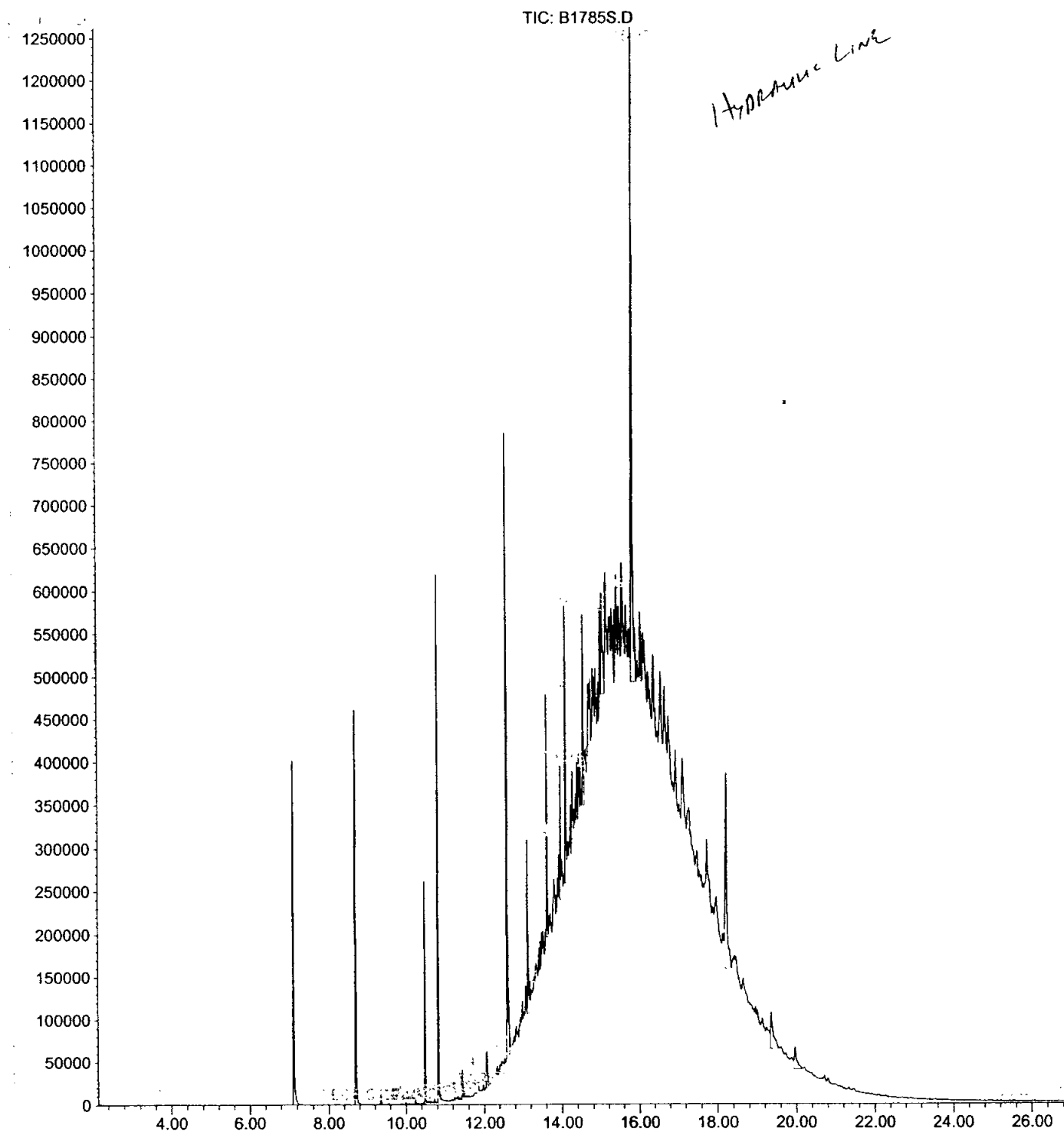
The NYS DOH Method 310-13 identification of this sample is inconclusive. Although it appears to contain some straight chain hydrocarbons that match those of Fuel Oil, it has a retention time and shape that more closely resembles Lube Oil.

(1) ITEM #ID-02- , NYSDOH 310-14 TPH

Fingerprint ID 1/15/03 1/16/03 CRT

See attached chromatogram. The retention time of the major "hump" and pattern of this chromatogram closely matches the retention time of the major "hump" and pattern in the chromatograms of the Monitoring Well samples in this report.

File : D:\HPCHEM\1\DATA\B1785S.D
Operator : TURNER
Acquired : 16 Jan 2003 12:34 using AcqMethod EPABNA
Instrument : 5972
Sample Name: 0300088-010
Misc Info : +40ppm SVIS47 0.112G/10ML
Vial Number: 82



- - LABORATORY ANALYSIS REPORT - -*New York State DEC - Region 9 Buffalo, NY*

| | | | |
|-----------------------|---------------------------------|-----------------------|--------------------|
| Sample ID: | North UST Product Sample | LSL Sample ID: | 0300667-001 |
| Location: | Vibratech | | |
| Sampled: | 01/08/03 0:00 | Sampled By: | DG |
| Sample Matrix: | SHW as Recd | | |

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--------------------------|---------------|--------------|------------------|---------------------------------|-------------------------|
|--------------------------|---------------|--------------|------------------|---------------------------------|-------------------------|

(1) ITEM #ID-01- , NYSDOH 310-13 TPH

| | | | | | |
|-----------------|-------------|-------|---------|---------|-----|
| Fuel oil #2 | 29 | % w/w | 1/28/03 | 1/29/03 | CRT |
| Gasoline | Not Present | | 1/28/03 | 1/29/03 | CRT |
| Kerosene | <1 | % w/w | 1/28/03 | 1/29/03 | CRT |
| Lubricating oil | Not Present | | 1/28/03 | 1/29/03 | CRT |

(2) ITEM #ID-02- , NYSDOH 310-14 TPH

| | | | | | |
|----------------|--|--|---------|---------|-----|
| Fingerprint ID | | | 1/28/03 | 1/29/03 | CRT |
|----------------|--|--|---------|---------|-----|

*The pattern resembles Fuel Oil #2.***(1) ITEM #SS-13- , EPA 8260B**

| | | | | |
|-----------------------------|-----|-------|---------|-----|
| Acetone | <50 | mg/kg | 1/21/03 | LEF |
| Benzene | <20 | mg/kg | 1/21/03 | LEF |
| Bromodichloromethane | <20 | mg/kg | 1/21/03 | LEF |
| Bromoform | <20 | mg/kg | 1/21/03 | LEF |
| Bromomethane | <20 | mg/kg | 1/21/03 | LEF |
| 2-Butanone (MEK) | <50 | mg/kg | 1/21/03 | LEF |
| Carbon disulfide | <20 | mg/kg | 1/21/03 | LEF |
| Carbon tetrachloride | <20 | mg/kg | 1/21/03 | LEF |
| Chlorobenzene | <20 | mg/kg | 1/21/03 | LEF |
| Chloroethane | <20 | mg/kg | 1/21/03 | LEF |
| Chloroform | <20 | mg/kg | 1/21/03 | LEF |
| Chloromethane | <20 | mg/kg | 1/21/03 | LEF |
| Dibromochloromethane | <20 | mg/kg | 1/21/03 | LEF |
| 1,1-Dichloroethane | <20 | mg/kg | 1/21/03 | LEF |
| 1,2-Dichloroethane | <20 | mg/kg | 1/21/03 | LEF |
| 1,1-Dichloroethene | <20 | mg/kg | 1/21/03 | LEF |
| 1,2-Dichloroethene, Total | <20 | mg/kg | 1/21/03 | LEF |
| 1,2-Dichloropropane | <20 | mg/kg | 1/21/03 | LEF |
| cis-1,3-Dichloropropene | <20 | mg/kg | 1/21/03 | LEF |
| trans-1,3-Dichloropropene | <20 | mg/kg | 1/21/03 | LEF |
| Ethyl benzene | 29 | mg/kg | 1/21/03 | LEF |
| 2-Hexanone | <50 | mg/kg | 1/21/03 | LEF |
| Methylene chloride | <50 | mg/kg | 1/21/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <50 | mg/kg | 1/21/03 | LEF |
| Styrene | <20 | mg/kg | 1/21/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <20 | mg/kg | 1/21/03 | LEF |
| Tetrachloroethene | <20 | mg/kg | 1/21/03 | LEF |
| Toluene | 28 | mg/kg | 1/21/03 | LEF |
| 1,1,1-Trichloroethane | <20 | mg/kg | 1/21/03 | LEF |
| 1,1,2-Trichloroethane | <20 | mg/kg | 1/21/03 | LEF |
| Trichloroethene | <20 | mg/kg | 1/21/03 | LEF |
| Vinyl chloride | <20 | mg/kg | 1/21/03 | LEF |
| Xylenes (Total) | 190 | mg/kg | 1/21/03 | LEF |
| Surrogate (4-BFB) | 101 | %R | 1/21/03 | LEF |
| Surrogate (Tol-d8) | 98 | %R | 1/21/03 | LEF |
| Surrogate (1,2-DCA-d4) | 107 | %R | 1/21/03 | LEF |

Ion 57.00 (56.70 to 57.70): B1898S.D

NORTH UST
Product SAMPLE
1/8/03
VIBRATECH
SPIN # 9710497
PIN # H80271

Mass spectrum plot showing relative intensity versus mass-to-charge ratio (m/z). The x-axis ranges from 4.00 to 24.00, and the y-axis ranges from 0 to 3800. The spectrum shows a base peak at m/z 57.00 and several other significant peaks labeled with their m/z values.

| m/z | Relative Intensity (approx) |
|-------|-----------------------------|
| 7.86 | 700 |
| 9.47 | 1200 |
| 10.47 | 2200 |
| 11.47 | 2800 |
| 12.53 | 2900 |
| 13.53 | 3700 |
| 14.02 | 2700 |
| 14.42 | 3600 |
| 15.42 | 3000 |
| 16.42 | 2400 |
| 17.42 | 1800 |
| 18.47 | 1100 |
| 19.47 | 1000 |
| 20.47 | 800 |
| 21.47 | 600 |
| 22.47 | 400 |
| 23.47 | 200 |

NORTH UST
Product SAMPLE
1/8/03
VIBRATECH
SAIL # 9710497
PIN # H80271



Francine Gallego
New York State DEC - Region 9
270 Michigan Ave.
Buffalo, NY 14203

Phone: (716) 851-7220

FAX: (716) 851-7252

Laboratory Analysis Report for the New York State Department of Environmental Conservation

Contract Number: C200209

NYS DEC Spill #: 9710497

NYS DEC Pin #: 02619

LSL Project ID: 0301790

Receive Date/Time: 02/05/03 14:50 by: EE

"I certify that this laboratory has current ELAP certification to provide the analytical results in this report and that the data package is in compliance with the terms and conditions of the contract."

Syeda M. Hant 2-19-03

Reviewed By

Date

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- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|----------------|--|----------------|-------------|
| Sample ID: | Oil Sample, Metal "I" Beam Front Bldg. | LSL Sample ID: | 0301790-001 |
| Location: | Vibrattech | | |
| Sampled: | 02/03/03 0:00 | Sampled By: | DG |
| Sample Matrix: | SHW as Recd | | |

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|-------------------|--------|-------|-----------|----------------------|------------------|
|-------------------|--------|-------|-----------|----------------------|------------------|

(1) ITEM #ID-01- , NYSDOH 310-13 TPH

| | | | | | |
|-----------------|-------------|-------|---------|---------|-----|
| Fuel oil #2 | <20 | mg/kg | 2/18/03 | 2/18/03 | LEF |
| Gasoline | Not Present | | 2/18/03 | 2/18/03 | LEF |
| Kerosene | <20 | mg/kg | 2/18/03 | 2/18/03 | LEF |
| Lubricating oil | Present | | 2/18/03 | 2/18/03 | LEF |

(1) ITEM #SS-13- ,EPA 8260B

| | | | | | |
|-----------------------------|-----|-------|--|---------|-----|
| Acetone | <50 | mg/kg | | 2/12/03 | LEF |
| Benzene | <20 | mg/kg | | 2/12/03 | LEF |
| Bromodichloromethane | <20 | mg/kg | | 2/12/03 | LEF |
| Bromoform | <20 | mg/kg | | 2/12/03 | LEF |
| Bromomethane | <20 | mg/kg | | 2/12/03 | LEF |
| 2-Butanone (MEK) | <50 | mg/kg | | 2/12/03 | LEF |
| Carbon disulfide | <20 | mg/kg | | 2/12/03 | LEF |
| Carbon tetrachloride | <20 | mg/kg | | 2/12/03 | LEF |
| Chlorobenzene | <20 | mg/kg | | 2/12/03 | LEF |
| Chloroethane | <20 | mg/kg | | 2/12/03 | LEF |
| Chloroform | <20 | mg/kg | | 2/12/03 | LEF |
| Chloromethane | <20 | mg/kg | | 2/12/03 | LEF |
| Dibromochloromethane | <20 | mg/kg | | 2/12/03 | LEF |
| 1,1-Dichloroethane | <20 | mg/kg | | 2/12/03 | LEF |
| 1,2-Dichloroethane | <20 | mg/kg | | 2/12/03 | LEF |
| 1,1-Dichloroethene | <20 | mg/kg | | 2/12/03 | LEF |
| 1,2-Dichloroethene, Total | <20 | mg/kg | | 2/12/03 | LEF |
| 1,2-Dichloropropane | <20 | mg/kg | | 2/12/03 | LEF |
| cis-1,3-Dichloropropene | <20 | mg/kg | | 2/12/03 | LEF |
| trans-1,3-Dichloropropene | <20 | mg/kg | | 2/12/03 | LEF |
| Ethyl benzene | <20 | mg/kg | | 2/12/03 | LEF |
| 2-Hexanone | <50 | mg/kg | | 2/12/03 | LEF |
| Methylene chloride | <50 | mg/kg | | 2/12/03 | LEF |
| 4-Methyl-2-pentanone (MIBK) | <50 | mg/kg | | 2/12/03 | LEF |
| Styrene | <20 | mg/kg | | 2/12/03 | LEF |
| 1,1,2,2-Tetrachloroethane | <20 | mg/kg | | 2/12/03 | LEF |
| Tetrachloroethene | <20 | mg/kg | | 2/12/03 | LEF |
| Toluene | <20 | mg/kg | | 2/12/03 | LEF |
| 1,1,1-Trichloroethane | <20 | mg/kg | | 2/12/03 | LEF |
| 1,1,2-Trichloroethane | <20 | mg/kg | | 2/12/03 | LEF |
| Trichloroethene | <20 | mg/kg | | 2/12/03 | LEF |
| Vinyl chloride | <20 | mg/kg | | 2/12/03 | LEF |
| Xylenes (Total) | <20 | mg/kg | | 2/12/03 | LEF |
| Surrogate (4-BFB) | 113 | mg/kg | | 2/12/03 | LEF |
| Surrogate (Tol-d8) | 94 | mg/kg | | 2/12/03 | LEF |
| Surrogate (1,2-DCA-d4) | 108 | mg/kg | | 2/12/03 | LEF |

(1) NYS DOH 313-4 PCB's in Oil

| | | | | | |
|--------------|----|-------|---------|---------|-----|
| Aroclor-1016 | <2 | mg/kg | 2/14/03 | 2/14/03 | AMW |
| Aroclor-1221 | <2 | mg/kg | 2/14/03 | 2/14/03 | AMW |
| Aroclor-1232 | <2 | mg/kg | 2/14/03 | 2/14/03 | AMW |
| Aroclor-1242 | <2 | mg/kg | 2/14/03 | 2/14/03 | AMW |

Life Science Laboratories, Inc.

Page 2 of 3

Date Printed: 2/19/03

Analysis performed at NYS DOH ELAP Number: (1) 10248, (2) 10900, (3) 11667, (4) 10760, (5) 11369

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: Oil Sample, Metal "I" Beam Front Bldg. LSL Sample ID: 0301790-001
Location: Vibrattech
Sampled: 02/03/03 0:00 Sampled By: DG
Sample Matrix: SHW as Recd

| Analytical Method | | | Prep | Analysis | Analyst |
|--------------------------------|--------|-------|---------|-------------|----------|
| Analyte | Result | Units | Date | Date & Time | Initials |
| (1) NYS DOH 313-4 PCB's in Oil | | | | | |
| Aroclor-1248 | 5.9 | mg/kg | 2/14/03 | 2/14/03 | AMW |
| Aroclor-1254 | <2 | mg/kg | 2/14/03 | 2/14/03 | AMW |
| Aroclor-1260 | <2 | mg/kg | 2/14/03 | 2/14/03 | AMW |
| Surrogate (DCB) | 91 | %R | 2/14/03 | 2/14/03 | AMW |

Quantitation Report

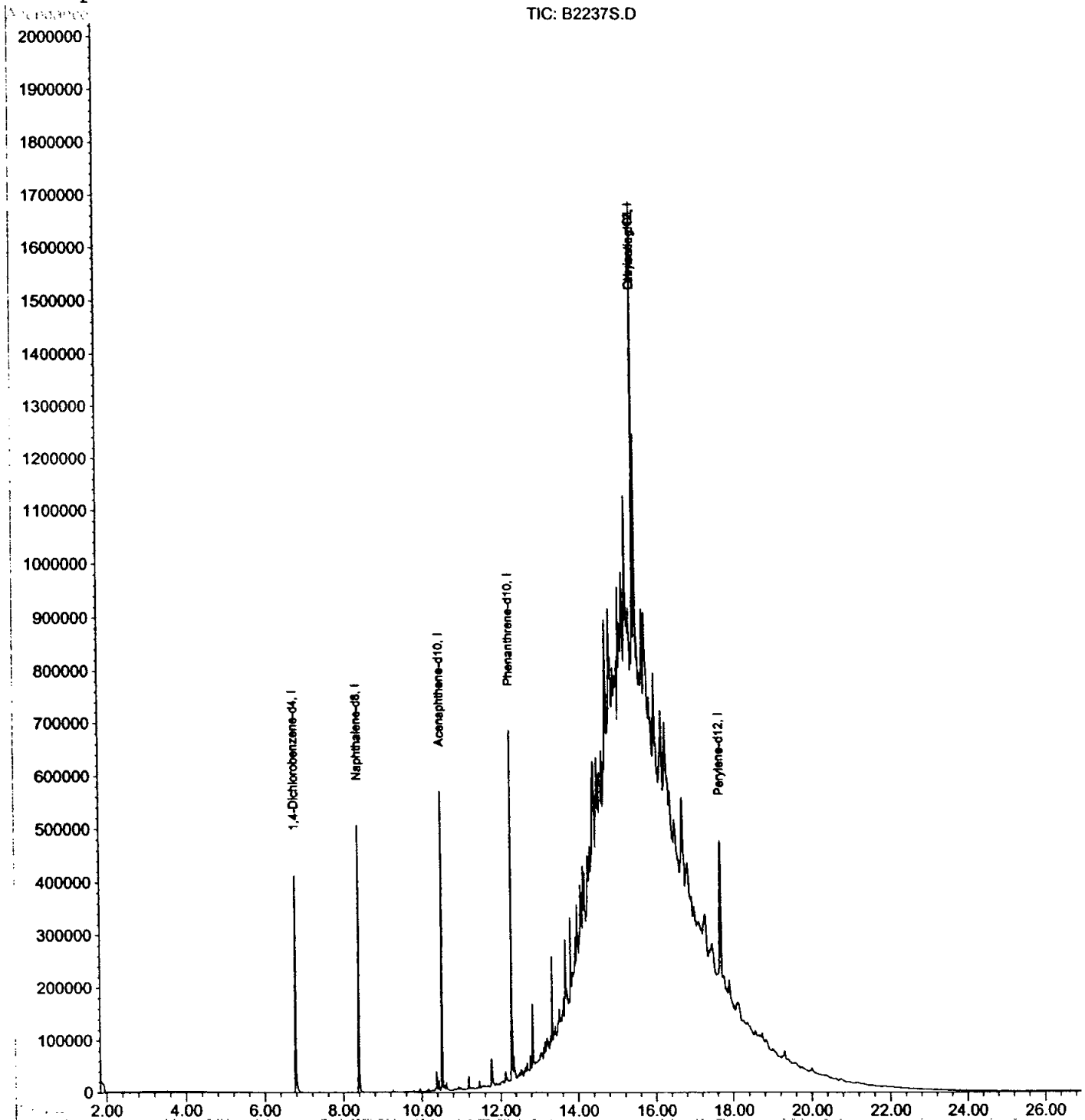
Data File : D:\HPCHEM\1\DATA\B2237S.D
Acq On : 18 Feb 2003 21:31
Sample : 0301790-001
Misc : +40ppm SVIS50 0.107G/10ML
MS Integration Params: rteint.p
Quant Time: Feb 19 11:17 19103

Vial: 31
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Mon Feb 10 09:31:48 2003
Response via : Initial Calibration

TIC: B2237S.D





SURROGATE RECOVERY CONTROL LIMITS FOR ORGANIC METHODS

8/14/02

| <u>Method</u> | <u>Surrogate(s)</u> | <u>Water
Limits, %R</u> | <u>SHW
Limits, %R</u> |
|----------------------|----------------------------|------------------------------------|----------------------------------|
| EPA 504 | TCMX | 80-120 | NA |
| EPA 508 | DCB | 70-130 | NA |
| EPA 515.4 | DCAA | 70-130 | NA |
| EPA 524.2 | 1,2-DCA-d4, 4-BFB | 80-120 | NA |
| EPA 525.2 | 1,3-DM-2-NB, TPP, Per-d12 | 70-130 | NA |
| EPA 526 | 1,3-DM-2-NB, TPP | 70-130 | NA |
| EPA 528 | 2-CP-3,4,5,6-d4, 2,4,6-TBP | 70-130 | NA |
| EPA 551.1 | Decafluorobiphenyl | 80-120 | NA |
| EPA 552.2 | 2,3-DBPA | 80-120 | NA |
| EPA 601 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 602 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 608 | DCB | 30-150 | NA |
| EPA 624 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 625, AE | 2-Fluorophenol | 21-110 | NA |
| EPA 625, AE | Phenol-d5 | 10-110 | NA |
| EPA 625, AE | 2,4,6-Tribromophenol | 10-123 | NA |
| EPA 625, BN | Nitrobenzene-d5 | 35-114 | NA |
| EPA 625, BN | 2-Fluorobiphenyl | 43-116 | NA |
| EPA 625, BN | Terphenyl-d14 | 33-141 | NA |
| EPA 8010 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8020 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8021 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8081 | TCMX, DCB | 30-150 | 30-150 |
| EPA 8082 | DCB | 30-150 | 30-150 |
| EPA 8151 | DCAA | 70-130 | 30-120 |
| EPA 8260 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8270, AE | 2-Fluorophenol | 21-110 | 25-121 |
| EPA 8270, AE | Phenol-d5 | 10-110 | 24-113 |
| EPA 8270, AE | 2,4,6-Tribromophenol | 10-123 | 19-122 |
| EPA 8270, BN | Nitrobenzene-d5 | 35-114 | 23-120 |
| EPA 8270, BN | 2-Fluorobiphenyl | 43-116 | 30-115 |
| EPA 8270, BN | Terphenyl-d14 | 33-141 | 18-137 |
| DOH 310-13 | Dodecane | 40-110 | 40-110 |
| DOH 310-14 | Dodecane | 40-110 | 40-110 |
| DOH 310-15 | Dodecane | 40-110 | 40-110 |
| DOH 310-34* | 4-BFB | 50-150 | 50-150 |
| 8015M_GRO* | 4-BFB | 50-150 | 50-150 |
| 8015M_DRO* | Terphenyl-d14 | 50-150 | 50-150 |

*Run by GC/MS.



MAR 17 2003

01-296

Francine Gallego
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Laboratory Analysis Report for the New York State Department of Environmental Conservation

Contract Number: C200209

NYS DEC Spill #: 9710497

NYS DEC Pin #: 02619

LSL Project ID: 0302646

Receive Date/Time: 02/26/03 14:15 by: EE

"I certify that this laboratory has current ELAP certification to provide the analytical results in this report and that the data package is in compliance with the terms and conditions of the contract."

Jel Mc Coy, RCC
Reviewed By

03-12-03
Date

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Fax. (585) 554-6743
NYS DOH ELAP #11369

A copy of this report was sent to:

Nature's Way

Page 1 of 19

Date Printed: 3/12/03

- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|----------------|--------------------------|----------------|-------------|
| Sample ID: | MW6-03 | LSL Sample ID: | 0302646-001 |
| Location: | Former Vibratex Facility | | |
| Sampled: | 02/25/03 0:00 | Sampled By: | DG |
| Sample Matrix: | NPW | | |

| Analytical Method | | | Prep Date | Analysis Date & Time | Analyst Initials |
|--|--------|-------|-----------|----------------------|------------------|
| Analyte | Result | Units | | | |
| (I) EPA 8082 PCB's | | | | | |
| Aroclor-1016 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1221 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1232 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1242 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1248 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1254 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1260 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Surrogate (DCB) | 83 | %R | 3/4/03 | 3/6/03 | AMW |
| (I) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| Acetone | <50 | ug/l | | 3/5/03 | BD |
| Benzene | 26 | ug/l | | 3/5/03 | BD |
| Bromodichloromethane | <5 | ug/l | | 3/5/03 | BD |
| Bromoform | <5 | ug/l | | 3/5/03 | BD |
| Bromomethane | <5 | ug/l | | 3/5/03 | BD |
| 2-Butanone (MEK) | <50 | ug/l | | 3/5/03 | BD |
| Carbon disulfide | <5 | ug/l | | 3/5/03 | BD |
| Carbon tetrachloride | <5 | ug/l | | 3/5/03 | BD |
| Chlorobenzene | <5 | ug/l | | 3/5/03 | BD |
| Chloroethane | 320 | ug/l | | 3/5/03 | BD |
| Chloroform | <5 | ug/l | | 3/5/03 | BD |
| Chloromethane | <5 | ug/l | | 3/5/03 | BD |
| Dibromochloromethane | <5 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethane | 160 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethane | <5 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethene | <5 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethene, Total | 210 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloropropane | <5 | ug/l | | 3/5/03 | BD |
| cis-1,3-Dichloropropene | <5 | ug/l | | 3/5/03 | BD |
| trans-1,3-Dichloropropene | <5 | ug/l | | 3/5/03 | BD |
| Ethyl benzene | <5 | ug/l | | 3/5/03 | BD |
| 2-Hexanone | <50 | ug/l | | 3/5/03 | BD |
| Methylene chloride | <50 | ug/l | | 3/5/03 | BD |
| 4-Methyl-2-pentanone (MIBK) | <50 | ug/l | | 3/5/03 | BD |
| Styrene | <5 | ug/l | | 3/5/03 | BD |
| 1,1,2,2-Tetrachloroethane | <5 | ug/l | | 3/5/03 | BD |
| Tetrachloroethene | <5 | ug/l | | 3/5/03 | BD |
| Toluene | 5.1 | ug/l | | 3/5/03 | BD |
| 1,1,1-Trichloroethane | 210 | ug/l | | 3/5/03 | BD |
| 1,1,2-Trichloroethane | <5 | ug/l | | 3/5/03 | BD |
| Trichloroethene | <5 | ug/l | | 3/5/03 | BD |
| Vinyl chloride | 250 | ug/l | | 3/5/03 | BD |
| Xylenes (Total) | 12 | ug/l | | 3/5/03 | BD |
| n-Butylbenzene | <5 | ug/l | | 3/5/03 | BD |
| sec-Butylbenzene | <5 | ug/l | | 3/5/03 | BD |
| tert-Butylbenzene | <5 | ug/l | | 3/5/03 | BD |
| Isopropylbenzene (Cumene) | <5 | ug/l | | 3/5/03 | BD |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW6-03 LSL Sample ID: 0302646-001
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--|-------------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| 4-Isopropyl toluene (Cymene) | <5 | ug/l | | 3/5/03 | BD |
| MTBE | <5 | ug/l | | 3/5/03 | BD |
| Naphthalene | 33 | ug/l | | 3/5/03 | BD |
| N-Propylbenzene | <5 | ug/l | | 3/5/03 | BD |
| 1,2,4-Trimethylbenzene | 18 | ug/l | | 3/5/03 | BD |
| 1,3,5-Trimethylbenzene | 9.0 | ug/l | | 3/5/03 | BD |
| t-Butyl alcohol | <1000 | ug/l | | 3/5/03 | BD |
| Surrogate (1,2-DCA-d4) | 98 | %R | | 3/5/03 | BD |
| Surrogate (Tol-d8) | 94 | %R | | 3/5/03 | BD |
| Surrogate (4-BFB) | 92 | %R | | 3/5/03 | BD |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Gasoline | Not Present | | 3/6/03 | 3/8/03 | CRT |
| Kerosene | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Lubricating oil | Not Present | | 3/6/03 | 3/8/03 | CRT |

Quantitation Report

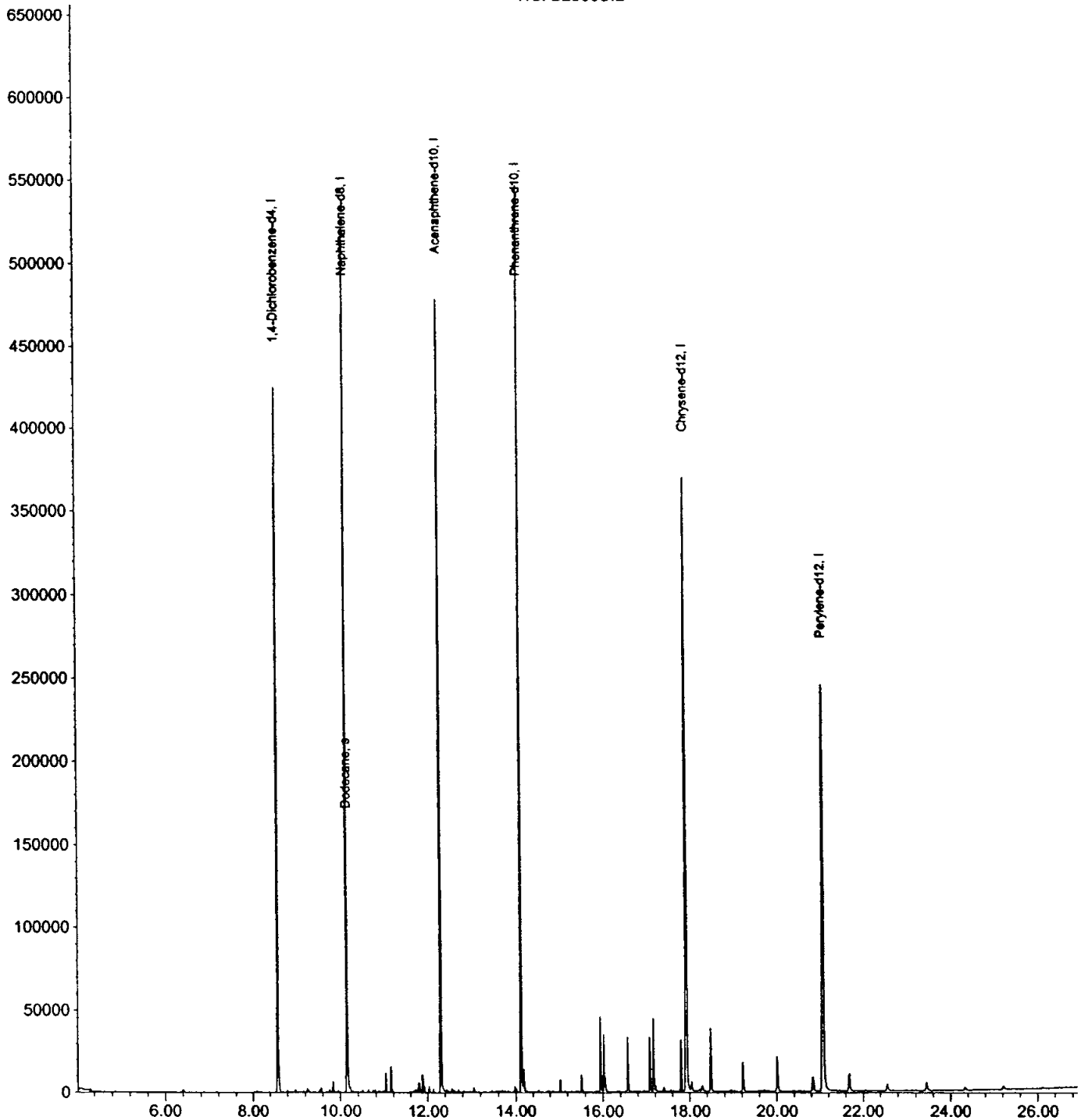
Data File : D:\HPCHEM\1\DATA\B2566S.D
Acq On : 8 Mar 2003 16:15
Sample : 0302646-001
Misc : +40ppm SVIS52 0.500L/10ML
MS Integration Params: rteint.p
Quant Time: Mar 10 8:57 19103

Vial: 42
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Fri Feb 28 08:20:47 2003
Response via : Initial Calibration

TIC: B2566S.D



- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|----------------|--------------------------|----------------|-------------|
| Sample ID: | MW7-03 | LSL Sample ID: | 0302646-002 |
| Location: | Former Vibratex Facility | | |
| Sampled: | 02/25/03 0:00 | Sampled By: | DG |
| Sample Matrix: | NPW | | |

| Analytical Method | | | Prep Date | Analysis Date & Time | Analyst Initials |
|--|--------|-------|-----------|----------------------|------------------|
| Analyte | Result | Units | | | |
| (1) EPA 8082 PCB's | | | | | |
| Aroclor-1016 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1221 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1232 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1242 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1248 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1254 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1260 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Surrogate (DCB) | 86 | %R | 3/4/03 | 3/6/03 | AMW |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| Acetone | <10 | ug/l | | 3/5/03 | BD |
| Benzene | 4.6 | ug/l | | 3/5/03 | BD |
| Bromodichloromethane | <1 | ug/l | | 3/5/03 | BD |
| Bromoform | <1 | ug/l | | 3/5/03 | BD |
| Bromomethane | <1 | ug/l | | 3/5/03 | BD |
| 2-Butanone (MEK) | <10 | ug/l | | 3/5/03 | BD |
| Carbon disulfide | <1 | ug/l | | 3/5/03 | BD |
| Carbon tetrachloride | <1 | ug/l | | 3/5/03 | BD |
| Chlorobenzene | <1 | ug/l | | 3/5/03 | BD |
| Chloroethane | 45 | ug/l | | 3/5/03 | BD |
| Chloroform | <1 | ug/l | | 3/5/03 | BD |
| Chloromethane | <1 | ug/l | | 3/5/03 | BD |
| Dibromochloromethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethane | 370 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethene | 3.4 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethene, Total | 45 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloropropane | <1 | ug/l | | 3/5/03 | BD |
| cis-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| trans-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| Ethyl benzene | <1 | ug/l | | 3/5/03 | BD |
| 2-Hexanone | <10 | ug/l | | 3/5/03 | BD |
| Methylene chloride | <10 | ug/l | | 3/5/03 | BD |
| 4-Methyl-2-pentanone (MIBK) | <10 | ug/l | | 3/5/03 | BD |
| Styrene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,2,2-Tetrachloroethane | <1 | ug/l | | 3/5/03 | BD |
| Tetrachloroethene | <1 | ug/l | | 3/5/03 | BD |
| Toluene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,1-Trichloroethane | 180 | ug/l | | 3/5/03 | BD |
| 1,1,2-Trichloroethane | <1 | ug/l | | 3/5/03 | BD |
| Trichloroethene | 26 | ug/l | | 3/5/03 | BD |
| Vinyl chloride | 28 | ug/l | | 3/5/03 | BD |
| Xylenes (Total) | <1 | ug/l | | 3/5/03 | BD |
| n-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| sec-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| tert-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| Isopropylbenzene (Cumene) | <1 | ug/l | | 3/5/03 | BD |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW7-03 LSL Sample ID: 0302646-002
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | | | Prep Date | Analysis Date & Time | Analyst Initials |
|--|-------------|-------|-----------|----------------------|------------------|
| Analyte | Result | Units | | | |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| 4-Isopropyl toluene (Cymene) | <1 | ug/l | | 3/5/03 | BD |
| MTBE | <1 | ug/l | | 3/5/03 | BD |
| Naphthalene | <1 | ug/l | | 3/5/03 | BD |
| N-Propylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,2,4-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,3,5-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| t-Butyl alcohol | <200 | ug/l | | 3/5/03 | BD |
| Surrogate (1,2-DCA-d4) | 104 | %R | | 3/5/03 | BD |
| Surrogate (Tol-d8) | 94 | %R | | 3/5/03 | BD |
| Surrogate (4-BFB) | 101 | %R | | 3/5/03 | BD |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Gasoline | Not Present | | 3/6/03 | 3/8/03 | CRT |
| Kerosene | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Lubricating oil | Not Present | | 3/6/03 | 3/8/03 | CRT |

Quantitation Report

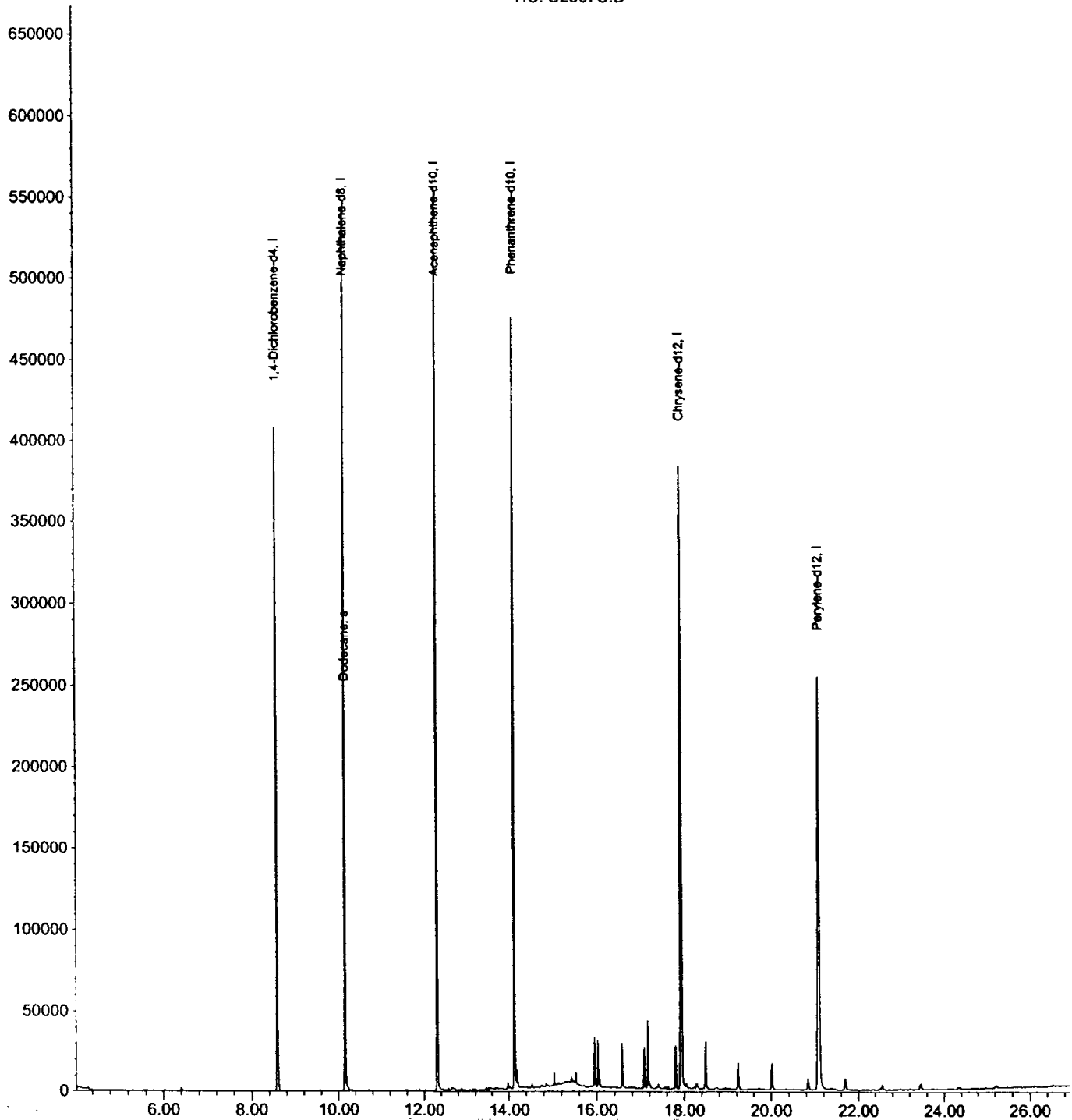
Data File : D:\HPCHEM\1\DATA\B2567S.D
Acq On : 8 Mar 2003 16:52
Sample : 0302646-002
Misc : +40ppm SVIS52 0.500L/10ML
MS Integration Params: rteint.p
Quant Time: Mar 10 8:58 19103

Vial: 43
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Fri Feb 28 08:20:47 2003
Response via : Initial Calibration

TIC: B2567S.D



-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW8-03 LSL Sample ID: 0302646-003
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--|--|--------|-------|-----------|----------------------|------------------|
| Analyte | | | | | | |
| (1) EPA 8082 PCB's | | | | | | |
| Aroclor-1016 | | <1 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1221 | | <1 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1232 | | <1 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1242 | | <1 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1248 | | <1 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1254 | | <1 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1260 | | <1 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Surrogate (DCB) | | 84 | %R | 3/4/03 | 3/6/03 | AMW |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | | |
| Acetone | | <10 | ug/l | | 3/5/03 | BD |
| Benzene | | <1 | ug/l | | 3/5/03 | BD |
| Bromodichloromethane | | <1 | ug/l | | 3/5/03 | BD |
| Bromoform | | <1 | ug/l | | 3/5/03 | BD |
| Bromomethane | | <1 | ug/l | | 3/5/03 | BD |
| 2-Butanone (MEK) | | <10 | ug/l | | 3/5/03 | BD |
| Carbon disulfide | | <1 | ug/l | | 3/5/03 | BD |
| Carbon tetrachloride | | <1 | ug/l | | 3/5/03 | BD |
| Chlorobenzene | | <1 | ug/l | | 3/5/03 | BD |
| Chloroethane | | <1 | ug/l | | 3/5/03 | BD |
| Chloroform | | <1 | ug/l | | 3/5/03 | BD |
| Chloromethane | | <1 | ug/l | | 3/5/03 | BD |
| Dibromochloromethane | | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethane | | 5.4 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethane | | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethene | | <1 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethene, Total | | 11 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloropropane | | <1 | ug/l | | 3/5/03 | BD |
| cis-1,3-Dichloropropene | | <1 | ug/l | | 3/5/03 | BD |
| trans-1,3-Dichloropropene | | <1 | ug/l | | 3/5/03 | BD |
| Ethyl benzene | | 1.6 | ug/l | | 3/5/03 | BD |
| 2-Hexanone | | <10 | ug/l | | 3/5/03 | BD |
| Methylene chloride | | <10 | ug/l | | 3/5/03 | BD |
| 4-Methyl-2-pentanone (MIBK) | | <10 | ug/l | | 3/5/03 | BD |
| Styrene | | <1 | ug/l | | 3/5/03 | BD |
| 1,1,2,2-Tetrachloroethane | | <1 | ug/l | | 3/5/03 | BD |
| Tetrachloroethene | | <1 | ug/l | | 3/5/03 | BD |
| Toluene | | 3.8 | ug/l | | 3/5/03 | BD |
| 1,1,1-Trichloroethane | | 1 | ug/l | | 3/5/03 | BD |
| 1,1,2-Trichloroethane | | <1 | ug/l | | 3/5/03 | BD |
| Trichloroethene | | <1 | ug/l | | 3/5/03 | BD |
| Vinyl chloride | | 7.4 | ug/l | | 3/5/03 | BD |
| Xylenes (Total) | | 5.7 | ug/l | | 3/5/03 | BD |
| n-Butylbenzene | | <1 | ug/l | | 3/5/03 | BD |
| sec-Butylbenzene | | <1 | ug/l | | 3/5/03 | BD |
| tert-Butylbenzene | | <1 | ug/l | | 3/5/03 | BD |
| Isopropylbenzene (Cumene) | | <1 | ug/l | | 3/5/03 | BD |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW8-03 LSL Sample ID: 0302646-003
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | | | Prep | Analysis | Analyst |
|--|-------------|-------|--------|-------------|----------|
| Analyte | Result | Units | Date | Date & Time | Initials |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| 4-Isopropyl toluene (Cymene) | <1 | ug/l | | 3/5/03 | BD |
| MTBE | <1 | ug/l | | 3/5/03 | BD |
| Naphthalene | 7.3 | ug/l | | 3/5/03 | BD |
| N-Propylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,2,4-Trimethylbenzene | 4.3 | ug/l | | 3/5/03 | BD |
| 1,3,5-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| t-Butyl alcohol | <200 | ug/l | | 3/5/03 | BD |
| Surrogate (1,2-DCA-d4) | 95 | %R | | 3/5/03 | BD |
| Surrogate (Tol-d8) | 92 | %R | | 3/5/03 | BD |
| Surrogate (4-BFB) | 88 | %R | | 3/5/03 | BD |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <10 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Gasoline | Not Present | | 3/6/03 | 3/8/03 | CRT |
| Kerosene | <10 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Lubricating oil | Present | | 3/6/03 | 3/8/03 | CRT |

Lubricating Oil is estimated at 1200mg/l.

Quantitation Report

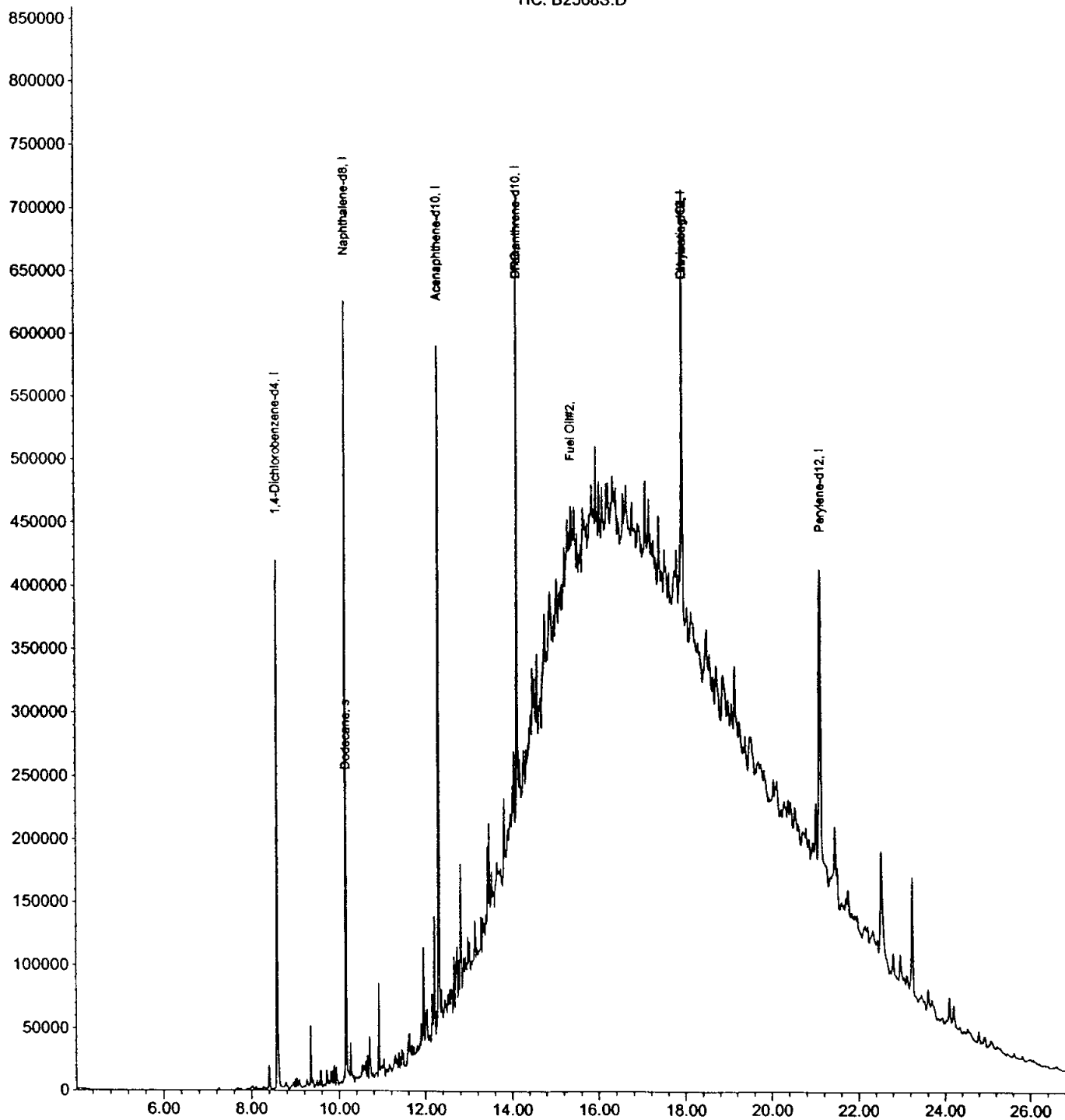
Data File : D:\HPCHEM\1\DATA\B2568S.D
Acq On : 8 Mar 2003 17:29
Sample : 0302646-003
Misc : +40ppm SVIS52 0.860L/10ML 10X
MS Integration Params: rteint.p
Quant Time: Mar 10 8:58 19103

Vial: 44
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Fri Feb 28 08:20:47 2003
Response via : Initial Calibration

TIC: B2568S.D



- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW9-03 LSL Sample ID: 0302646-004
 Location: Former Vibratex Facility
 Sampled: 02/25/03 0:00 Sampled By: DG
 Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--|--------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (I) EPA 8082 PCB's | | | | | |
| Aroclor-1016 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1221 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1232 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1242 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1248 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1254 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1260 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Surrogate (DCB) | 85 | %R | 3/4/03 | 3/6/03 | AMW |
| (I) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| Acetone | <10 | ug/l | | 3/5/03 | BD |
| Benzene | <1 | ug/l | | 3/5/03 | BD |
| Bromodichloromethane | <1 | ug/l | | 3/5/03 | BD |
| Bromoform | <1 | ug/l | | 3/5/03 | BD |
| Bromomethane | <1 | ug/l | | 3/5/03 | BD |
| 2-Butanone (MEK) | <10 | ug/l | | 3/5/03 | BD |
| Carbon disulfide | <1 | ug/l | | 3/5/03 | BD |
| Carbon tetrachloride | <1 | ug/l | | 3/5/03 | BD |
| Chlorobenzene | <1 | ug/l | | 3/5/03 | BD |
| Chloroethane | 10 | ug/l | | 3/5/03 | BD |
| Chloroform | 3.5 | ug/l | | 3/5/03 | BD |
| Chloromethane | <1 | ug/l | | 3/5/03 | BD |
| Dibromochloromethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethane | 16 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethene | <1 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethene, Total | 71 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloropropane | <1 | ug/l | | 3/5/03 | BD |
| cis-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| trans-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| Ethyl benzene | <1 | ug/l | | 3/5/03 | BD |
| 2-Hexanone | <10 | ug/l | | 3/5/03 | BD |
| Methylene chloride | <10 | ug/l | | 3/5/03 | BD |
| 4-Methyl-2-pentanone (MIBK) | <10 | ug/l | | 3/5/03 | BD |
| Styrene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,2,2-Tetrachloroethane | <1 | ug/l | | 3/5/03 | BD |
| Tetrachloroethene | <1 | ug/l | | 3/5/03 | BD |
| Toluene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,1-Trichloroethane | 29 | ug/l | | 3/5/03 | BD |
| 1,1,2-Trichloroethane | <1 | ug/l | | 3/5/03 | BD |
| Trichloroethene | 170 | ug/l | | 3/5/03 | BD |
| Vinyl chloride | 27 | ug/l | | 3/5/03 | BD |
| Xylenes (Total) | <1 | ug/l | | 3/5/03 | BD |
| n-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| sec-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| tert-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| Isopropylbenzene (Cumene) | <1 | ug/l | | 3/5/03 | BD |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW9-03 LSL Sample ID: 0302646-004
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--|-------------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| 4-Isopropyl toluene (Cymene) | <1 | ug/l | | 3/5/03 | BD |
| MTBE | <1 | ug/l | | 3/5/03 | BD |
| Naphthalene | <1 | ug/l | | 3/5/03 | BD |
| N-Propylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,2,4-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,3,5-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| t-Butyl alcohol | <200 | ug/l | | 3/5/03 | BD |
| Surrogate (1,2-DCA-d4) | 106 | %R | | 3/5/03 | BD |
| Surrogate (Tol-d8) | 100 | %R | | 3/5/03 | BD |
| Surrogate (4-BFB) | 96 | %R | | 3/5/03 | BD |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Gasoline | Not Present | | 3/6/03 | 3/8/03 | CRT |
| Kerosene | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Lubricating oil | Not Present | | 3/6/03 | 3/8/03 | CRT |

Quantitation Report

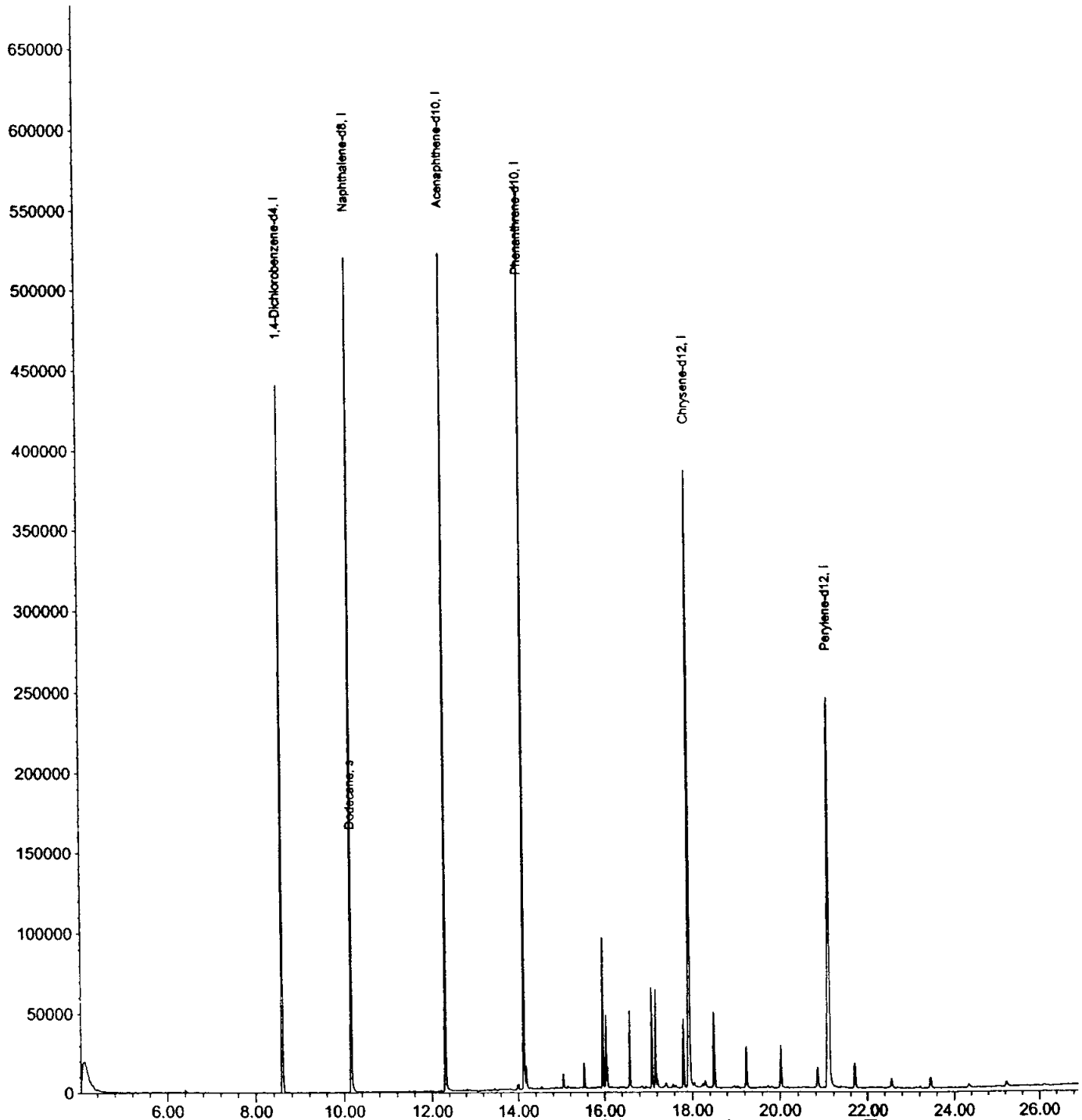
Data File : D:\HPCHEM\1\DATA\B2569S.D
Acq On : 8 Mar 2003 18:06
Sample : 0302646-004
Misc : +40ppm SVIS52 0.440L/10ML
MS Integration Params: rteint.p
Quant Time: Mar 10 8:59 19103

Vial: 45
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Fri Feb 28 08:20:47 2003
Response via : Initial Calibration

TIC: B2569S.D



- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|----------------|--------------------------|----------------|-------------|
| Sample ID: | MW10-03 | LSL Sample ID: | 0302646-005 |
| Location: | Former Vibratex Facility | | |
| Sampled: | 02/25/03 0:00 | Sampled By: | DG |
| Sample Matrix: | NPW | | |

| Analytical Method | | | Prep Date | Analysis Date & Time | Analyst Initials |
|--|--------|-------|-----------|----------------------|------------------|
| Analyte | Result | Units | | | |
| (1) EPA 8082 PCB's | | | | | |
| Aroclor-1016 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1221 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1232 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1242 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1248 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1254 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1260 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Surrogate (DCB) | 106 | %R | 3/4/03 | 3/6/03 | AMW |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| Acetone | <10 | ug/l | | 3/5/03 | BD |
| Benzene | <1 | ug/l | | 3/5/03 | BD |
| Bromodichloromethane | <1 | ug/l | | 3/5/03 | BD |
| Bromoform | <1 | ug/l | | 3/5/03 | BD |
| Bromomethane | <1 | ug/l | | 3/5/03 | BD |
| 2-Butanone (MEK) | <10 | ug/l | | 3/5/03 | BD |
| Carbon disulfide | <1 | ug/l | | 3/5/03 | BD |
| Carbon tetrachloride | <1 | ug/l | | 3/5/03 | BD |
| Chlorobenzene | <1 | ug/l | | 3/5/03 | BD |
| Chloroethane | 1.4 | ug/l | | 3/5/03 | BD |
| Chloroform | 1.1 | ug/l | | 3/5/03 | BD |
| Chloromethane | <1 | ug/l | | 3/5/03 | BD |
| Dibromochloromethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethane | 12 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethene | <1 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethene, Total | 23 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloropropane | <1 | ug/l | | 3/5/03 | BD |
| cis-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| trans-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| Ethyl benzene | <1 | ug/l | | 3/5/03 | BD |
| 2-Hexanone | <10 | ug/l | | 3/5/03 | BD |
| Methylene chloride | <10 | ug/l | | 3/5/03 | BD |
| 4-Methyl-2-pentanone (MIBK) | <10 | ug/l | | 3/5/03 | BD |
| Styrene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,2,2-Tetrachloroethane | <1 | ug/l | | 3/5/03 | BD |
| Tetrachloroethene | <1 | ug/l | | 3/5/03 | BD |
| Toluene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,1-Trichloroethane | 14 | ug/l | | 3/5/03 | BD |
| 1,1,2-Trichloroethane | <1 | ug/l | | 3/5/03 | BD |
| Trichloroethene | 42 | ug/l | | 3/5/03 | BD |
| Vinyl chloride | 1.2 | ug/l | | 3/5/03 | BD |
| Xylenes (Total) | <1 | ug/l | | 3/5/03 | BD |
| n-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| sec-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| tert-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| Isopropylbenzene (Cumene) | <1 | ug/l | | 3/5/03 | BD |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW10-03 LSL Sample ID: 0302646-005
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--|-------------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| 4-Isopropyl toluene (Cymene) | <1 | ug/l | | 3/5/03 | BD |
| MTBE | <1 | ug/l | | 3/5/03 | BD |
| Naphthalene | <1 | ug/l | | 3/5/03 | BD |
| N-Propylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,2,4-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,3,5-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| t-Butyl alcohol | <200 | ug/l | | 3/5/03 | BD |
| Surrogate (1,2-DCA-d4) | 103 | %R | | 3/5/03 | BD |
| Surrogate (Tol-d8) | 91 | %R | | 3/5/03 | BD |
| Surrogate (4-BFB) | 103 | %R | | 3/5/03 | BD |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Gasoline | Not Present | | 3/6/03 | 3/8/03 | CRT |
| Kerosene | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Lubricating oil | Not Present | | 3/6/03 | 3/8/03 | CRT |

Quantitation Report

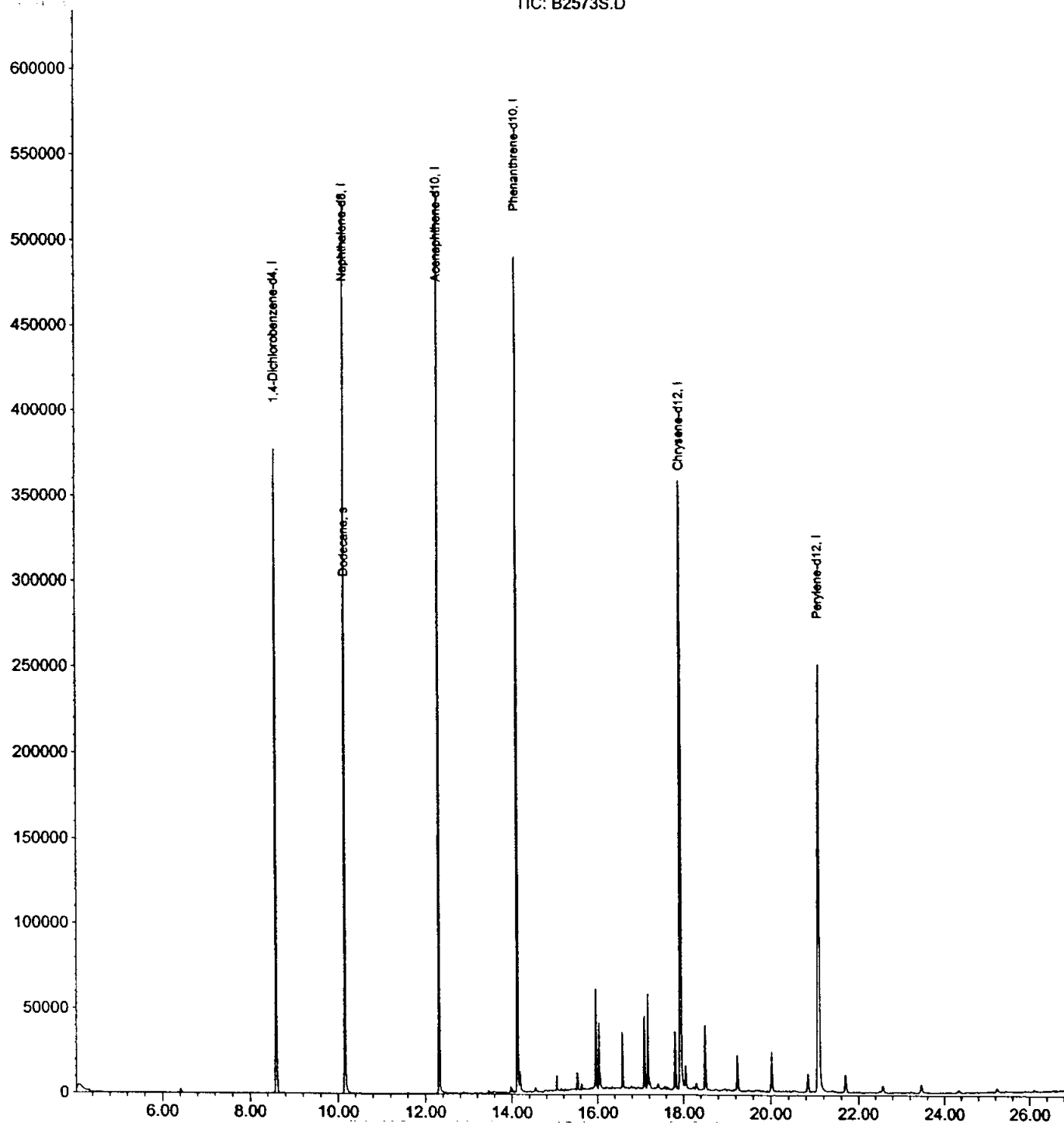
Data File : D:\HPCHEM\1\DATA\B2573S.D
Acq On : 8 Mar 2003 20:34
Sample : 0302646-005
Misc : +40ppm SVIS52 0.560L/10ML
MS Integration Params: rteint.p
Quant Time: Mar 10 9:07 19103

Vial: 46
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Fri Feb 28 08:20:47 2003
Response via : Initial Calibration

TIC: B2573S.D



- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|----------------|--------------------------|----------------|-------------|
| Sample ID: | MW11-03 | LSL Sample ID: | 0302646-006 |
| Location: | Former Vibratex Facility | | |
| Sampled: | 02/25/03 0:00 | Sampled By: | DG |
| Sample Matrix: | NPW | | |

| Analytical Method | | | Prep Date | Analysis Date & Time | Analyst Initials |
|--|--------|-------|-----------|----------------------|------------------|
| Analyte | Result | Units | | | |
| (1) EPA 8082 PCB's | | | | | |
| Aroclor-1016 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1221 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1232 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1242 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1248 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1254 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1260 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Surrogate (DCB) | 93 | %R | 3/4/03 | 3/6/03 | AMW |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| Acetone | <10 | ug/l | | 3/5/03 | BD |
| Benzene | 5.9 | ug/l | | 3/5/03 | BD |
| Bromodichloromethane | <1 | ug/l | | 3/5/03 | BD |
| Bromoform | <1 | ug/l | | 3/5/03 | BD |
| Bromomethane | <1 | ug/l | | 3/5/03 | BD |
| 2-Butanone (MEK) | <10 | ug/l | | 3/5/03 | BD |
| Carbon disulfide | <1 | ug/l | | 3/5/03 | BD |
| Carbon tetrachloride | <1 | ug/l | | 3/5/03 | BD |
| Chlorobenzene | <1 | ug/l | | 3/5/03 | BD |
| Chloroethane | 45 | ug/l | | 3/5/03 | BD |
| Chloroform | 2.0 | ug/l | | 3/5/03 | BD |
| Chloromethane | <1 | ug/l | | 3/5/03 | BD |
| Dibromochloromethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethane | 640 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethene | 4.2 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethene, Total | 53 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloropropane | <1 | ug/l | | 3/5/03 | BD |
| cis-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| trans-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| Ethyl benzene | <1 | ug/l | | 3/5/03 | BD |
| 2-Hexanone | <10 | ug/l | | 3/5/03 | BD |
| Methylene chloride | <10 | ug/l | | 3/5/03 | BD |
| 4-Methyl-2-pentanone (MIBK) | <10 | ug/l | | 3/5/03 | BD |
| Styrene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,2,2-Tetrachloroethane | <1 | ug/l | | 3/5/03 | BD |
| Tetrachloroethene | <1 | ug/l | | 3/5/03 | BD |
| Toluene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,1-Trichloroethane | 390 | ug/l | | 3/5/03 | BD |
| 1,1,2-Trichloroethane | <1 | ug/l | | 3/5/03 | BD |
| Trichloroethene | 72 | ug/l | | 3/5/03 | BD |
| Vinyl chloride | 32 | ug/l | | 3/5/03 | BD |
| Xylenes (Total) | 1.9 | ug/l | | 3/5/03 | BD |
| n-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| sec-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| tert-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| Isopropylbenzene (Cumene) | <1 | ug/l | | 3/5/03 | BD |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW11-03 LSL Sample ID: 0302646-006
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | | Prep | | Analysis | Analyst |
|--|-------------|-------|--------|-------------|----------|
| Analyte | Result | Units | Date | Date & Time | Initials |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| 4-Isopropyl toluene (Cymene) | <1 | ug/l | | 3/5/03 | BD |
| MTBE | <1 | ug/l | | 3/5/03 | BD |
| Naphthalene | <1 | ug/l | | 3/5/03 | BD |
| N-Propylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,2,4-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,3,5-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| t-Butyl alcohol | <200 | ug/l | | 3/5/03 | BD |
| Surrogate (1,2-DCA-d4) | 102 | %R | | 3/5/03 | BD |
| Surrogate (Tol-d8) | 98 | %R | | 3/5/03 | BD |
| Surrogate (4-BFB) | 100 | %R | | 3/5/03 | BD |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Gasoline | Not Present | | 3/6/03 | 3/8/03 | CRT |
| Kerosene | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Lubricating oil | Not Present | | 3/6/03 | 3/8/03 | CRT |

Quantitation Report

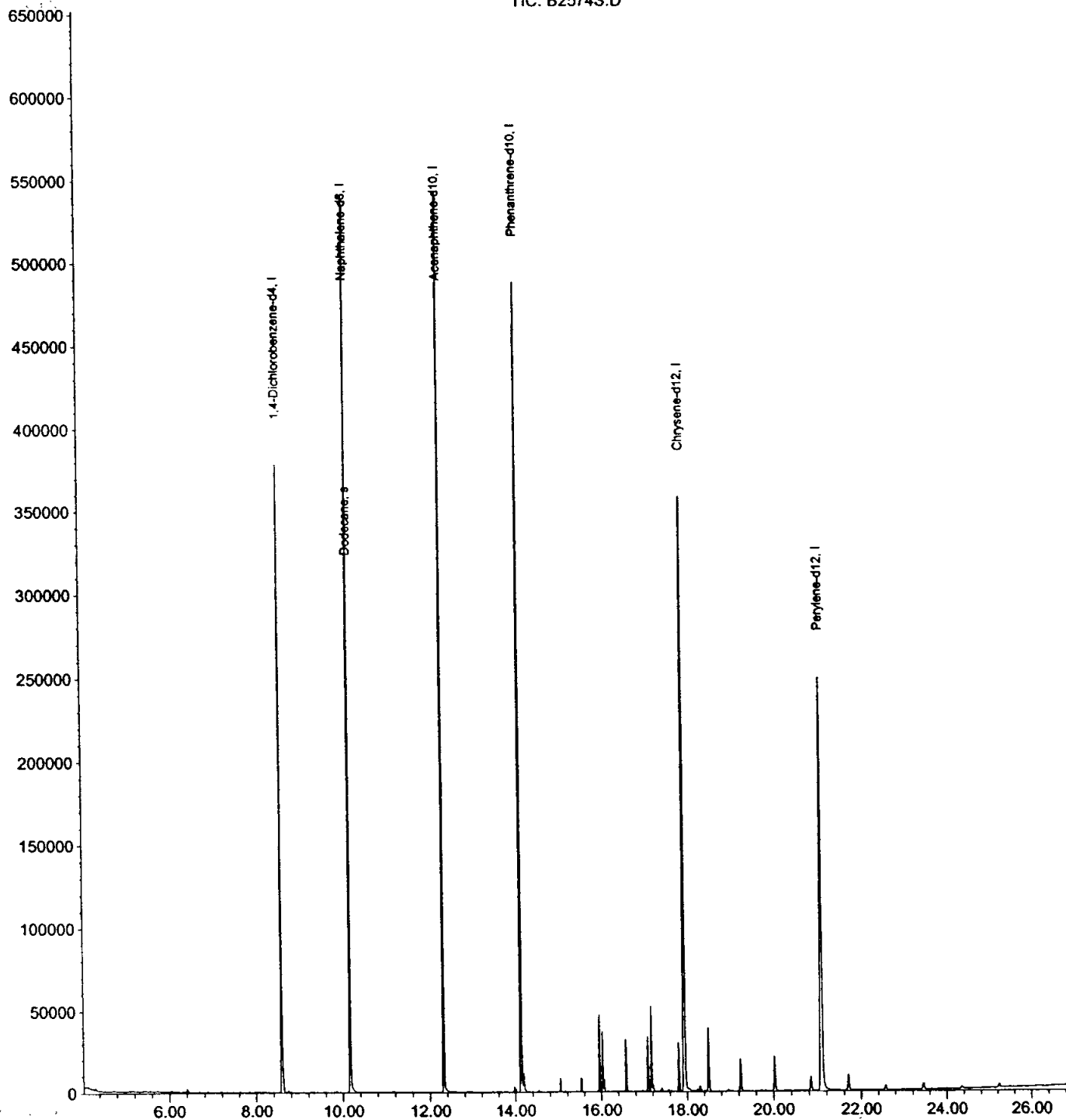
Data File : D:\HPCHEM\1\DATA\B2574S.D
Acq On : 8 Mar 2003 21:11
Sample : 0302646-006
Misc : +40ppm SVIS52 0.520L/10ML
MS Integration Params: rteint.p
Quant Time: Mar 10 9:07 19103

Vial: 47
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Fri Feb 28 08:20:47 2003
Response via : Initial Calibration

TIC: B2574S.D



-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW12-03 LSL Sample ID: 0302646-007
Location: Former Vibrattech Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--|--------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) EPA 8082 PCB's | | | | | |
| Aroclor-1016 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1221 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1232 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1242 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1248 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1254 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1260 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Surrogate (DCB) | 73 | %R | 3/4/03 | 3/6/03 | AMW |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| Acetone | <50 | ug/l | | 3/5/03 | BD |
| Benzene | <5 | ug/l | | 3/5/03 | BD |
| Bromodichloromethane | <5 | ug/l | | 3/5/03 | BD |
| Bromoform | <5 | ug/l | | 3/5/03 | BD |
| Bromomethane | <5 | ug/l | | 3/5/03 | BD |
| 2-Butanone (MEK) | <50 | ug/l | | 3/5/03 | BD |
| Carbon disulfide | <5 | ug/l | | 3/5/03 | BD |
| Carbon tetrachloride | <5 | ug/l | | 3/5/03 | BD |
| Chlorobenzene | <5 | ug/l | | 3/5/03 | BD |
| Chloroethane | 14 | ug/l | | 3/5/03 | BD |
| Chloroform | <5 | ug/l | | 3/5/03 | BD |
| Chloromethane | <5 | ug/l | | 3/5/03 | BD |
| Dibromochloromethane | <5 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethane | 60 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethane | <5 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethene | <5 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethene, Total | 47 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloropropane | <5 | ug/l | | 3/5/03 | BD |
| cis-1,3-Dichloropropene | <5 | ug/l | | 3/5/03 | BD |
| trans-1,3-Dichloropropene | <5 | ug/l | | 3/5/03 | BD |
| Ethyl benzene | <5 | ug/l | | 3/5/03 | BD |
| 2-Hexanone | <50 | ug/l | | 3/5/03 | BD |
| Methylene chloride | <50 | ug/l | | 3/5/03 | BD |
| 4-Methyl-2-pentanone (MIBK) | <50 | ug/l | | 3/5/03 | BD |
| Styrene | <5 | ug/l | | 3/5/03 | BD |
| 1,1,2,2-Tetrachloroethane | <5 | ug/l | | 3/5/03 | BD |
| Tetrachloroethene | <5 | ug/l | | 3/5/03 | BD |
| Toluene | <5 | ug/l | | 3/5/03 | BD |
| 1,1,1-Trichloroethane | 46 | ug/l | | 3/5/03 | BD |
| 1,1,2-Trichloroethane | <5 | ug/l | | 3/5/03 | BD |
| Trichloroethene | 52 | ug/l | | 3/5/03 | BD |
| Vinyl chloride | 14 | ug/l | | 3/5/03 | BD |
| Xylenes (Total) | <5 | ug/l | | 3/5/03 | BD |
| n-Butylbenzene | <5 | ug/l | | 3/5/03 | BD |
| sec-Butylbenzene | <5 | ug/l | | 3/5/03 | BD |
| tert-Butylbenzene | <5 | ug/l | | 3/5/03 | BD |
| Isopropylbenzene (Cumene) | <5 | ug/l | | 3/5/03 | BD |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW12-03 LSL Sample ID: 0302646-007
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--|-------------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| 4-Isopropyl toluene (Cymene) | <5 | ug/l | | 3/5/03 | BD |
| MTBE | <5 | ug/l | | 3/5/03 | BD |
| Naphthalene | <5 | ug/l | | 3/5/03 | BD |
| N-Propylbenzene | <5 | ug/l | | 3/5/03 | BD |
| 1,2,4-Trimethylbenzene | <5 | ug/l | | 3/5/03 | BD |
| 1,3,5-Trimethylbenzene | <5 | ug/l | | 3/5/03 | BD |
| t-Butyl alcohol | <1000 | ug/l | | 3/5/03 | BD |
| Surrogate (1,2-DCA-d4) | 103 | %R | | 3/5/03 | BD |
| Surrogate (Tol-d8) | 101 | %R | | 3/5/03 | BD |
| Surrogate (4-BFB) | 100 | %R | | 3/5/03 | BD |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Gasoline | Not Present | | 3/6/03 | 3/8/03 | CRT |
| Kerosene | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Lubricating oil | Present | | 3/6/03 | 3/8/03 | CRT |

Lubricating Oil is estimated at 34mg/l.

Quantitation Report

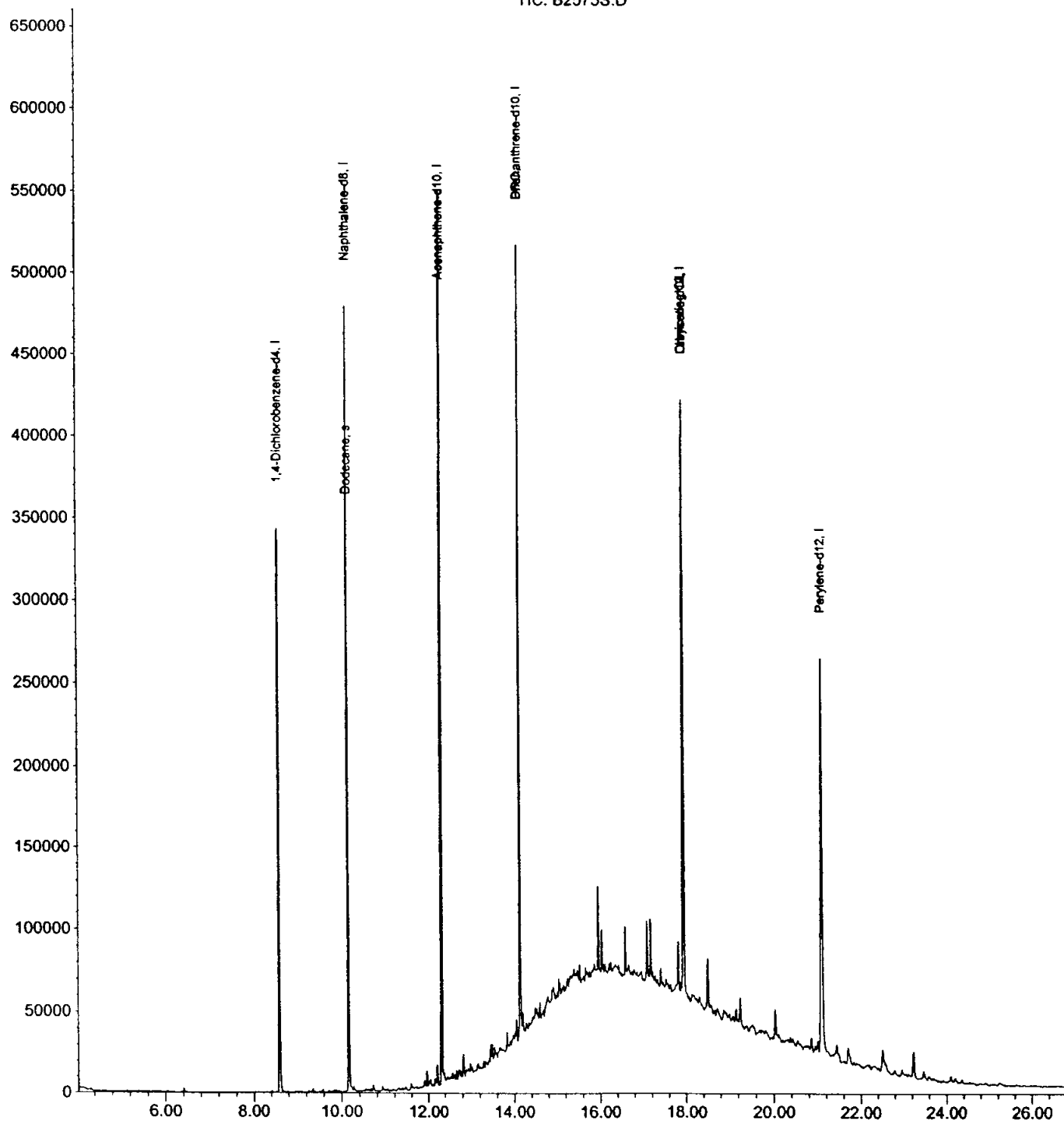
Data File : D:\HPCHEM\1\DATA\B2575S.D
Acq On : 8 Mar 2003 21:48
Sample : 0302646-007
Misc : +40ppm SVIS52 0.520L/10ML
MS Integration Params: rteint.p
Quant Time: Mar 10 9:08 19103

Vial: 48
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Fri Feb 28 08:20:47 2003
Response via : Initial Calibration

TIC: B2575S.D



- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|-----------------------|--------------------------|-----------------------|-------------|
| Sample ID: | MW13-03 | LSL Sample ID: | 0302646-008 |
| Location: | Former Vibratex Facility | | |
| Sampled: | 02/25/03 0:00 | Sampled By: | DG |
| Sample Matrix: | NPW | | |

| Analytical Method | | | Prep Date | Analysis Date & Time | Analyst Initials |
|---|--------|-------|-----------|----------------------|------------------|
| Analyte | Result | Units | | | |
| <i>(1) EPA 8082 PCB's</i> | | | | | |
| Aroclor-1016 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1221 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1232 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1242 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1248 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1254 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1260 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Surrogate (DCB) | 81 | %R | 3/4/03 | 3/6/03 | AMW |
| <i>(1) EPA 8260B TCL & 8021 STARS Volatiles</i> | | | | | |
| Acetone | <10 | ug/l | | 3/5/03 | BD |
| Benzene | <1 | ug/l | | 3/5/03 | BD |
| Bromodichloromethane | <1 | ug/l | | 3/5/03 | BD |
| Bromoform | <1 | ug/l | | 3/5/03 | BD |
| Bromomethane | <1 | ug/l | | 3/5/03 | BD |
| 2-Butanone (MEK) | <10 | ug/l | | 3/5/03 | BD |
| Carbon disulfide | <1 | ug/l | | 3/5/03 | BD |
| Carbon tetrachloride | <1 | ug/l | | 3/5/03 | BD |
| Chlorobenzene | <1 | ug/l | | 3/5/03 | BD |
| Chloroethane | <1 | ug/l | | 3/5/03 | BD |
| Chloroform | <1 | ug/l | | 3/5/03 | BD |
| Chloromethane | <1 | ug/l | | 3/5/03 | BD |
| Dibromochloromethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethane | 1.5 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethene | <1 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethene, Total | 2.5 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloropropane | <1 | ug/l | | 3/5/03 | BD |
| cis-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| trans-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| Ethyl benzene | <1 | ug/l | | 3/5/03 | BD |
| 2-Hexanone | <10 | ug/l | | 3/5/03 | BD |
| Methylene chloride | <10 | ug/l | | 3/5/03 | BD |
| 4-Methyl-2-pentanone (MIBK) | <10 | ug/l | | 3/5/03 | BD |
| Styrene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,2,2-Tetrachloroethane | <1 | ug/l | | 3/5/03 | BD |
| Tetrachloroethene | <1 | ug/l | | 3/5/03 | BD |
| Toluene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,1-Trichloroethane | 6.1 | ug/l | | 3/5/03 | BD |
| 1,1,2-Trichloroethane | <1 | ug/l | | 3/5/03 | BD |
| Trichloroethene | 16 | ug/l | | 3/5/03 | BD |
| Vinyl chloride | <1 | ug/l | | 3/5/03 | BD |
| Xylenes (Total) | <1 | ug/l | | 3/5/03 | BD |
| n-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| sec-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| tert-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| Isopropylbenzene (Cumene) | <1 | ug/l | | 3/5/03 | BD |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW13-03 LSL Sample ID: 0302646-008
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--|-------------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| 4-Isopropyl toluene (Cymene) | <1 | ug/l | | 3/5/03 | BD |
| MTBE | <1 | ug/l | | 3/5/03 | BD |
| Naphthalene | <1 | ug/l | | 3/5/03 | BD |
| N-Propylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,2,4-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,3,5-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| t-Butyl alcohol | <200 | ug/l | | 3/5/03 | BD |
| Surrogate (1,2-DCA-d4) | 99 | %R | | 3/5/03 | BD |
| Surrogate (Tol-d8) | 94 | %R | | 3/5/03 | BD |
| Surrogate (4-BFB) | 97 | %R | | 3/5/03 | BD |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Gasoline | Not Present | | 3/6/03 | 3/8/03 | CRT |
| Kerosene | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Lubricating oil | Not Present | | 3/6/03 | 3/8/03 | CRT |

Quantitation Report

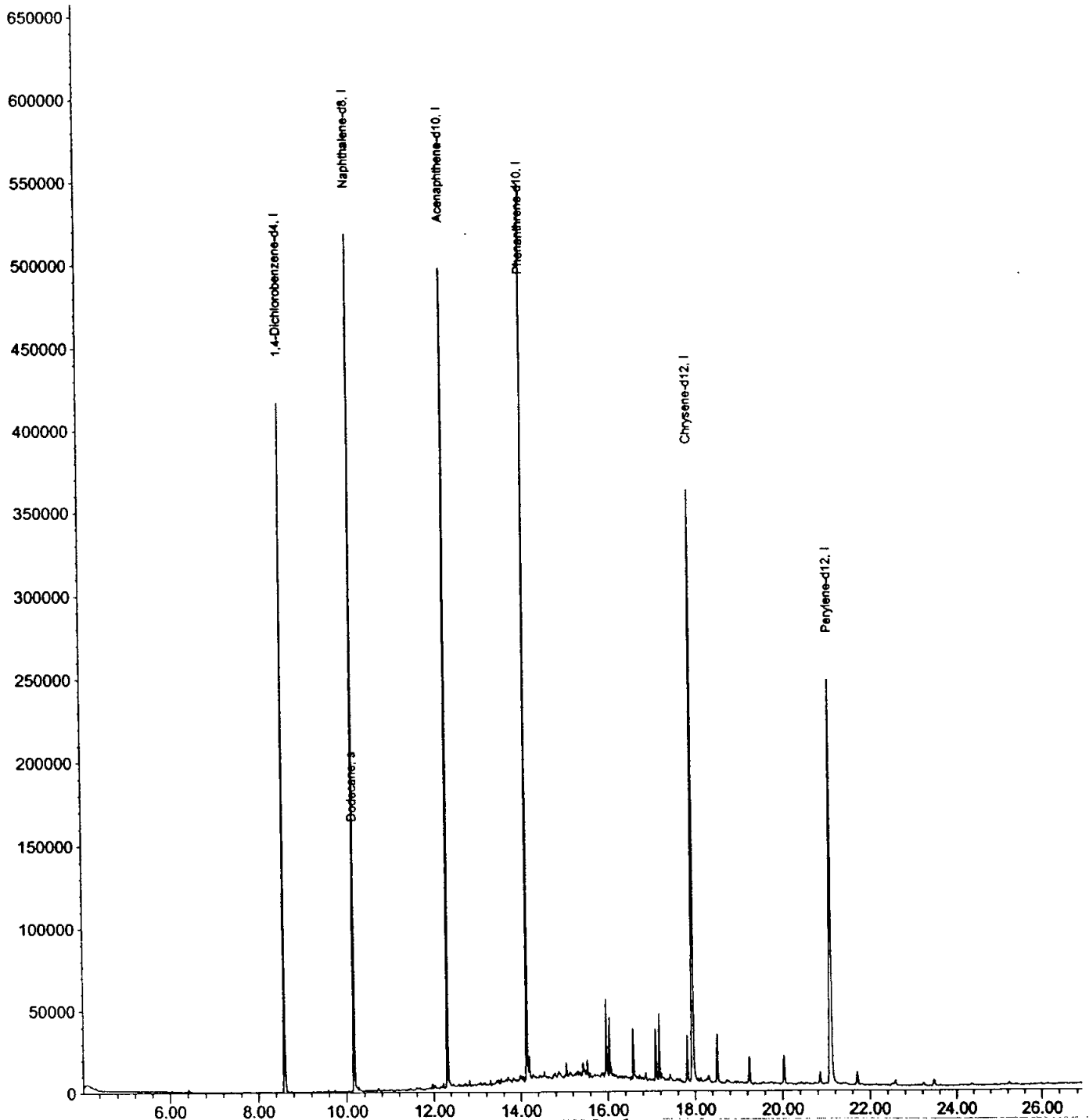
Data File : D:\HPCHEM\1\DATA\B2576S.D
Acq On : 8 Mar 2003 22:24
Sample : 0302646-008
Misc : +40ppm SVIS52 0.510L/10ML
MS Integration Params: rteint.p
Quant Time: Mar 10 9:08 19103

Vial: 49
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Fri Feb 28 08:20:47 2003
Response via : Initial Calibration

TIC: B2576S.D



- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|----------------|--------------------------|----------------|-------------|
| Sample ID: | MW14-03 | LSL Sample ID: | 0302646-009 |
| Location: | Former Vibratex Facility | | |
| Sampled: | 02/25/03 0:00 | Sampled By: | DG |
| Sample Matrix: | NPW | | |

| Analytical Method | | | Prep Date | Analysis Date & Time | Analyst Initials |
|--|--------|-------|-----------|----------------------|------------------|
| Analyte | Result | Units | | | |
| (1) EPA 8082 PCB's | | | | | |
| Aroclor-1016 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1221 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1232 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1242 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1248 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1254 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Aroclor-1260 | <0.2 | ug/l | 3/4/03 | 3/6/03 | AMW |
| Surrogate (DCB) | 84 | %R | 3/4/03 | 3/6/03 | AMW |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| Acetone | <10 | ug/l | | 3/5/03 | BD |
| Benzene | 1 | ug/l | | 3/5/03 | BD |
| Bromodichloromethane | <1 | ug/l | | 3/5/03 | BD |
| Bromoform | <1 | ug/l | | 3/5/03 | BD |
| Bromomethane | <1 | ug/l | | 3/5/03 | BD |
| 2-Butanone (MEK) | <10 | ug/l | | 3/5/03 | BD |
| Carbon disulfide | <1 | ug/l | | 3/5/03 | BD |
| Carbon tetrachloride | <1 | ug/l | | 3/5/03 | BD |
| Chlorobenzene | <1 | ug/l | | 3/5/03 | BD |
| Chloroethane | 1.8 | ug/l | | 3/5/03 | BD |
| Chloroform | <1 | ug/l | | 3/5/03 | BD |
| Chloromethane | <1 | ug/l | | 3/5/03 | BD |
| Dibromochloromethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethane | 19 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1-Dichloroethene | <1 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloroethene, Total | 41 | ug/l | | 3/5/03 | BD |
| 1,2-Dichloropropane | <1 | ug/l | | 3/5/03 | BD |
| cis-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| trans-1,3-Dichloropropene | <1 | ug/l | | 3/5/03 | BD |
| Ethyl benzene | <1 | ug/l | | 3/5/03 | BD |
| 2-Hexanone | <10 | ug/l | | 3/5/03 | BD |
| Methylene chloride | <10 | ug/l | | 3/5/03 | BD |
| 4-Methyl-2-pentanone (MIBK) | <10 | ug/l | | 3/5/03 | BD |
| Styrene | <1 | ug/l | | 3/5/03 | BD |
| 1,1,2,2-Tetrachloroethane | <1 | ug/l | | 3/5/03 | BD |
| Tetrachloroethene | <1 | ug/l | | 3/5/03 | BD |
| Toluene | 1.8 | ug/l | | 3/5/03 | BD |
| 1,1,1-Trichloroethane | <1 | ug/l | | 3/5/03 | BD |
| 1,1,2-Trichloroethane | <1 | ug/l | | 3/5/03 | BD |
| Trichloroethene | 3.8 | ug/l | | 3/5/03 | BD |
| Vinyl chloride | 14 | ug/l | | 3/5/03 | BD |
| Xylenes (Total) | 2.0 | ug/l | | 3/5/03 | BD |
| n-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| sec-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| tert-Butylbenzene | <1 | ug/l | | 3/5/03 | BD |
| Isopropylbenzene (Cumene) | <1 | ug/l | | 3/5/03 | BD |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW14-03 LSL Sample ID: 0302646-009
Location: Former Vibratex Facility
Sampled: 02/25/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--|-------------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) EPA 8260B TCL & 8021 STARS Volatiles | | | | | |
| 4-Isopropyl toluene (Cymene) | <1 | ug/l | | 3/5/03 | BD |
| MTBE | <1 | ug/l | | 3/5/03 | BD |
| Naphthalene | 2.8 | ug/l | | 3/5/03 | BD |
| N-Propylbenzene | <1 | ug/l | | 3/5/03 | BD |
| 1,2,4-Trimethylbenzene | 1.3 | ug/l | | 3/5/03 | BD |
| 1,3,5-Trimethylbenzene | <1 | ug/l | | 3/5/03 | BD |
| t-Butyl alcohol | <200 | ug/l | | 3/5/03 | BD |
| Surrogate (1,2-DCA-d4) | 99 | %R | | 3/5/03 | BD |
| Surrogate (Tol-d8) | 101 | %R | | 3/5/03 | BD |
| Surrogate (4-BFB) | 102 | %R | | 3/5/03 | BD |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Gasoline | Not Present | | 3/6/03 | 3/8/03 | CRT |
| Kerosene | <2 | mg/l | 3/6/03 | 3/8/03 | CRT |
| Lubricating oil | Not Present | | 3/6/03 | 3/8/03 | CRT |

Quantitation Report

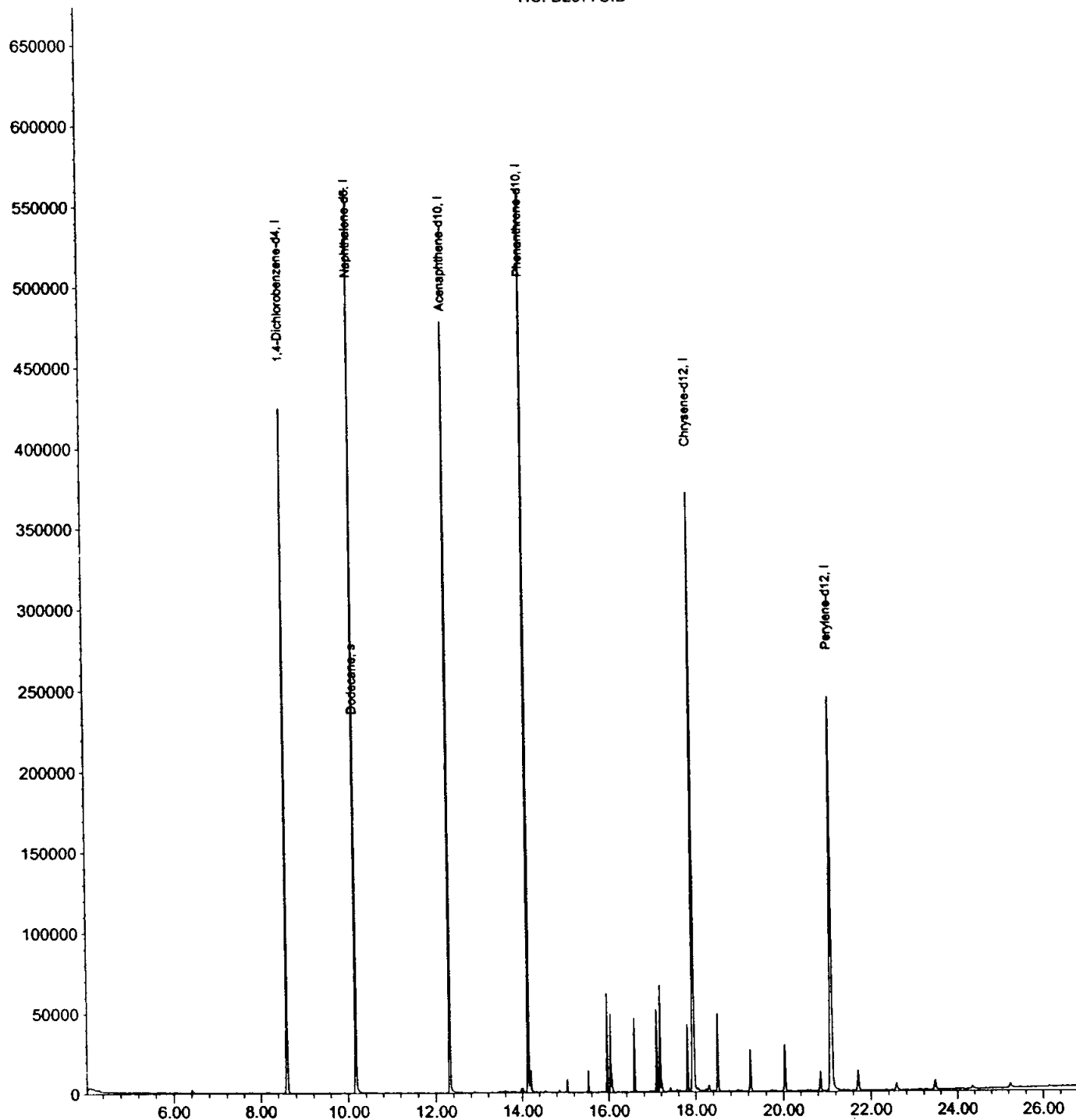
Data File : D:\HPCHEM\1\DATA\B2577S.D
Acq On : 8 Mar 2003 23:01
Sample : 0302646-009
Misc : +40ppm SVIS52 0.550L/10ML
MS Integration Params: rteint.p
Quant Time: Mar 10 9:09 19103

Vial: 50
Operator: TURNER
Inst : 5972
Multiplr: 1.00

Quant Results File: TPH.RES

Method : C:\HPCHEM\1\METHODS\TPH.M (RTE Integrator)
Title : TPH 310-13
Last Update : Fri Feb 28 08:20:47 2003
Response via : Initial Calibration

TIC: B2577S.D





SURROGATE RECOVERY CONTROL LIMITS FOR ORGANIC METHODS

8/14/02

| <u>Method</u> | <u>Surrogate(s)</u> | <u>Water
Limits, %R</u> | <u>SHW
Limits, %R</u> |
|----------------------|----------------------------|------------------------------------|----------------------------------|
| EPA 504 | TCMX | 80-120 | NA |
| EPA 508 | DCB | 70-130 | NA |
| EPA 515.4 | DCAA | 70-130 | NA |
| EPA 524.2 | 1,2-DCA-d4, 4-BFB | 80-120 | NA |
| EPA 525.2 | 1,3-DM-2-NB, TPP, Per-d12 | 70-130 | NA |
| EPA 526 | 1,3-DM-2-NB, TPP | 70-130 | NA |
| EPA 528 | 2-CP-3,4,5,6-d4, 2,4,6-TBP | 70-130 | NA |
| EPA 551.1 | Decafluorobiphenyl | 80-120 | NA |
| EPA 552.2 | 2,3-DBPA | 80-120 | NA |
| | | | |
| EPA 601 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 602 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 608 | DCB | 30-150 | NA |
| EPA 624 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 625, AE | 2-Fluorophenol | 21-110 | NA |
| EPA 625, AE | Phenol-d5 | 10-110 | NA |
| EPA 625, AE | 2,4,6-Tribromophenol | 10-123 | NA |
| EPA 625, BN | Nitrobenzene-d5 | 35-114 | NA |
| EPA 625, BN | 2-Fluorobiphenyl | 43-116 | NA |
| EPA 625, BN | Terphenyl-d14 | 33-141 | NA |
| | | | |
| EPA 8010 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8020 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8021 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8081 | TCMX, DCB | 30-150 | 30-150 |
| EPA 8082 | DCB | 30-150 | 30-150 |
| EPA 8151 | DCAA | 70-130 | 30-120 |
| EPA 8260 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8270, AE | 2-Fluorophenol | 21-110 | 25-121 |
| EPA 8270, AE | Phenol-d5 | 10-110 | 24-113 |
| EPA 8270, AE | 2,4,6-Tribromophenol | 10-123 | 19-122 |
| EPA 8270, BN | Nitrobenzene-d5 | 35-114 | 23-120 |
| EPA 8270, BN | 2-Fluorobiphenyl | 43-116 | 30-115 |
| EPA 8270, BN | Terphenyl-d14 | 33-141 | 18-137 |
| | | | |
| DOH 310-13 | Dodecane | 40-110 | 40-110 |
| DOH 310-14 | Dodecane | 40-110 | 40-110 |
| DOH 310-15 | Dodecane | 40-110 | 40-110 |
| DOH 310-34* | 4-BFB | 50-150 | 50-150 |
| 8015M_GRO* | 4-BFB | 50-150 | 50-150 |
| 8015M_DRO* | Terphenyl-d14 | 50-150 | 50-150 |

*Run by GC/MS.

| | |
|------------|--------------------------------|
| Units Key: | ug/l = microgram per liter |
| | ug/kg = microgram per kilogram |
| | mg/l = milligram per liter |
| | mg/kg = milligram per kilogram |
| | %R = Percent Recovery |



CHAIN OF CUSTODY RECORD

LSL North Lab.
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Phone: 315-388-4476
Fax: 315-388-4061

LSL Central Lab.
5854 Butternut Drive
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Phone: 315-445-1105
Fax: 315-445-1301

LSL Finger Lakes Lab.
16 N. Main St., PO Box 424
Wayland, NY 14572
Phone: 716-728-3320
Fax: 716-728-2711

Report Address:

Name: FRANCINE GALEGO
Company: NYSDEC Region 9
Street: 270 MICHIGAN AVE.
City/State: BUFFALO, NY
Phone: (716) 851-7270
Email:

Zip: 14203-2999
Fax: (716) 851-7252

Turnaround Time

Normal ☐ Pre-Authorized ☐
14 DAY Next Day* ☐ 3-Day* ☐
2-Day* ☐ 7-Day* ☐ *Additional Charges may apply

Date Needed or Special Instructions:

EACH SAMPLE HAS 3 REQUESTED ANALYSIS

Authorization or P.O.

Client Project ID/Client Site ID

FORMER VIBRATECH FACILITY

LSL Project Number: 0302646
NYSDEC9Buffalo

| Client's Sample Identifications | Sample Date | Sample Time | Type | Matrix | Preserv Added | Containers | | Analyses | Preserv Check | LSL ID# |
|---------------------------------|-------------|-------------|-----------|--------|---------------|------------|-----------|---|---------------|---------|
| | | | grab/comp | | | # | size/type | | | |
| MW 6-03 | 2/25/03 | | | AQE | NO HCl | 1 | Liter | DOH 310-13 WITH CHROMATOGRAPH, PCBs, 8240 FULL LIST (INCL. STAT LIST) | | 001ABC |
| MW 7-03 | 2/25/03 | | | AQE | NO HCl | 2 | Liter | | | 002ABC |
| MW 8-03 | 2/25/03 | | | AQE | NO HCl | 2 | Liter | | | 003ABC |
| MW 9-03 | 2/25/03 | | | AQE | NO HCl | 2 | Liter | | | 004ABC |
| MW 10-03 | 2/25/03 | | | AQE | NO HCl | 2 | Liter | | | 005ABC |
| MW 11-03 | 2/25/03 | | | AQE | NO HCl | 2 | Liter | | | 006ABC |
| MW 12-03 | 2/25/03 | | | AQE | NO HCl | 2 | Liter | | | 007ABC |
| MW 13-03 | 2/25/03 | | | AQE | NO HCl | 2 | Liter | | | 008ABC |
| MW 14-03 | 2/25/03 | | | AQE | NO HCl | 2 | Liter | | | 009ABC |

LSL use only:

Custody Transfers

Sampled By: DNE N. GRANZA

Received By: John DeFina

Date: 2/26/03 Time: 1100

Relinquished By: John DeFina 2/26/03 1415

Received By: 335

Rec'd for Lab By: John DeFina

03-03-03 10:50

Relinquished By:

Received Intact: N

Sample Temp 7.50C

37 Containers this C-O-C

*** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY***

Coc

3.2°C on Ice



C1-296 floralech

Give to Dale

Francine Gallego
New York State DEC - Region 9
270 Michigan Ave.
Buffalo, NY 14203

Phone: (716) 851-7220
FAX: (716) 851-7252

Laboratory Analysis Report for the New York State Department of Environmental Conservation

Contract Number: C200209

NYS DEC Spill #: 9710497S

NYS DEC Pin #: SP02619

LSL Project ID: 0304898

Receive Date/Time: 04/09/03 14:45 by: EE

"I certify that this laboratory has current ELAP certification to provide the analytical results in this report and that the data package is in compliance with the terms and conditions of the contract."

Yvonne Waters QC

4/23/03

Reviewed By

Date

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client in the event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. especially for the use of advertising to the general public, is strictly prohibited without express prior written consent of Life Science Laboratories, Inc. This report may only be reproduced in its entirety. No partial duplication is allowed. The Chain of Custody document submitted with these samples is considered by LSL to be an appendix of this report and may contain specific information that pertains to the samples included in this report. The analytical result(s) in this report are only representative of the sample(s) submitted for analysis. LSL makes no claim of a sample's representativeness, or integrity, if sampling was not performed by LSL personnel.

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Wayland, NY 14572
Tel. (585) 728-3320
Fax (585) 728-2711
NYS DOH ELAP #11667

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Cuba, NY 14727
Tel. (585) 968-2640
Fax (585) 968-0906
NYS DOH ELAP #10760

LSL Middlesex Lab
5611 Water St.
Middlesex, NY 14507
Tel. (585) 554-5347
Fax. (585) 554-6743
NYS DOH ELAP #11369

- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

| | | | |
|-----------------------|----------------|-----------------------|-------------|
| Sample ID: | MW1 | LSL Sample ID: | 0304136-001 |
| Location: | Vibratech | | |
| Sampled: | 03/25/03 15:30 | Sampled By: | SG |
| Sample Matrix: | NPW | | |

| Analytical Method
Analyte | Result | Units | Prep
Date | Analysis
Date & Time | Analyst
Initials |
|--|-------------|-------|--------------|-------------------------|---------------------|
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <0.1 | mg/l | 4/3/03 | 4/3/03 | CRT |
| Gasoline | Not Present | | 4/3/03 | 4/3/03 | CRT |
| Kerosene | <0.1 | mg/l | 4/3/03 | 4/3/03 | CRT |
| Lubricating oil | Not Present | | 4/3/03 | 4/3/03 | CRT |
| (1) ITEM #SS-02- , 8270 STARS | | | | | |
| Acenaphthene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Anthracene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Benzo(a)anthracene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Benzo(b)fluoranthene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Benzo(k)fluoranthene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Benzo(ghi)perylene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Benzo(a)pyrene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Chrysene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Dibenz(a,h)anthracene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Fluoranthene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Fluorene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Indeno(1,2,3-c,d)pyrene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Phenanthrene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| Pyrene | <5 | ug/l | 3/31/03 | 4/3/03 | CRT |
| (1) ITEM #SS-03- ,8260 STARS Volatiles | | | | | |
| Benzene | <1 | ug/l | | 4/5/03 | LEF |
| n-Butylbenzene | <1 | ug/l | | 4/5/03 | LEF |
| sec-Butylbenzene | <1 | ug/l | | 4/5/03 | LEF |
| tert-Butylbenzene | <1 | ug/l | | 4/5/03 | LEF |
| Ethyl benzene | <1 | ug/l | | 4/5/03 | LEF |
| Isopropylbenzene (Cumene) | <1 | ug/l | | 4/5/03 | LEF |
| 4-Isopropyl toluene (Cymene) | <1 | ug/l | | 4/5/03 | LEF |
| MTBE | <1 | ug/l | | 4/5/03 | LEF |
| Naphthalene | <1 | ug/l | | 4/5/03 | LEF |
| N-Propylbenzene | <1 | ug/l | | 4/5/03 | LEF |
| Toluene | <1 | ug/l | | 4/5/03 | LEF |
| 1,2,4-Trimethylbenzene | <1 | ug/l | | 4/5/03 | LEF |
| 1,3,5-Trimethylbenzene | <1 | ug/l | | 4/5/03 | LEF |
| Xylenes (Total) | <1 | ug/l | | 4/5/03 | LEF |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW4 - 02 LSL Sample ID: 0304136-002
Location: Vibratex
Sampled: 03/25/03 14:00 Sampled By: SG
Sample Matrix: SHW as Recd

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--------------------------------------|-------------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <1 | % w/w | 4/8/03 | 4/8/03 | CRT |
| Gasoline | Not Present | | 4/8/03 | 4/8/03 | CRT |
| Kerosene | <1 | % w/w | 4/8/03 | 4/8/03 | CRT |
| Lubricating oil | Present | | 4/8/03 | 4/8/03 | CRT |

Lubricating oil is estimated at >99% w/w.

- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW8 - 03 LSL Sample ID: 0304136-003
Location: Vibratex
Sampled: 03/25/03 14:00 Sampled By: SG
Sample Matrix: SHW as Recd

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|--------------------------------------|-------------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <1 | % w/w | 4/8/03 | 4/8/03 | CRT |
| Gasoline | Not Present | | 4/8/03 | 4/8/03 | CRT |
| Kerosene | <1 | % w/w | 4/8/03 | 4/8/03 | CRT |
| Lubricating oil | Present | | 4/8/03 | 4/8/03 | CRT |

Lubricating oil is estimated at >99% w/w.

Life Science Laboratories, Inc.
CHAIN OF CUSTODY RECORD

LSL North Lab.
131 St. Lawrence Ave.
Waddington, N.Y. 13694
Phone: 315-388-4476
Fax: 315-388-4061

LSL Central Lab.
5854 Butternut Drive
E. Syracuse, N.Y. 13057
Phone: 315-445-1105
Fax: 315-445-1301

LSL Finger Lakes Lab.
16 N. Main St., PO Box 424
Wayland, NY 14572
Phone: 716-728-3320
Fax: 716-728-2711

[illegible]



Francine Gallego
New York State DEC - Region 9
270 Michigan Ave.
Buffalo, NY 14203

Phone: (716) 851-7220

FAX: (716) 851-7252

Laboratory Analysis Report for the New York State Department of Environmental Conservation

Contract Number: C200209

NYS DEC Spill #: 9710497

NYS DEC Pin #: SP02619

LSL Project ID: 0304490

Receive Date/Time: 04/02/03 13:30 by: EE

"I certify that this laboratory has current ELAP certification to provide the analytical results in this report and that the data package is in compliance with the terms and conditions of the contract."

gilmco, ecc
Reviewed By

04-15-03
Date

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client in the event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. especially for the use of advertising to the general public, is strictly prohibited without express prior written consent of Life Science Laboratories, Inc. This report may only be reproduced in its entirety. No partial duplication is allowed. The Chain of Custody document submitted with these samples is considered by LSL to be an appendix of this report and may contain specific information that pertains to the samples included in this report. The analytical result(s) in this report are only representative of the sample(s) submitted for analysis. LSL makes no claim of a sample's representativeness, or integrity, if sampling was not performed by LSL personnel.

Life Science Laboratories, Inc.

LSL Central Lab
5854 Butternut Drive
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Tel. (315) 445-1105
Fax (315) 445-1301
NYS DOH ELAP #10248

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Waddington, NY 13694
Tel. (315) 388-4476
Fax (315) 388-4061
NYS DOH ELAP #10900

LSL Finger Lakes Lab
16 N. Main St., PO Box 424
Wayland, NY 14572
Tel. (585) 728-3320
Fax (585) 728-2711
NYS DOH ELAP #11667

LSL Southern Tier Lab
30 East Main St.
Cuba, NY 14727
Tel. (585) 968-2640
Fax (585) 968-0906
NYS DOH ELAP #10760

LSL Middlesex Lab
5611 Water St.
Middlesex, NY 14507
Tel. (585) 554-5347
Fax. (585) 554-6743
NYS DOH ELAP #11369

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW7 LSL Sample ID: 0304490-001

Location: Former Vibratex Facility

Sampled: 03/31/03 0:00 Sampled By: SG

Sample Matrix: NPW

| Analytical Method | | Prep | | Analysis | | Analyst |
|--------------------------------------|-------------|-------|--------|-------------|----------|---------|
| Analyte | Result | Units | Date | Date & Time | Initials | |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | | |
| Fuel oil #2 | <2 | mg/l | 4/7/03 | 4/11/03 | | CRT |
| Gasoline | Not Present | | 4/7/03 | 4/11/03 | | CRT |
| Kerosene | <2 | mg/l | 4/7/03 | 4/11/03 | | CRT |
| Lubricating oil | Not Present | | 4/7/03 | 4/11/03 | | CRT |

- - LABORATORY ANALYSIS REPORT - -

New York State DEC - Region 9 Buffalo, NY

Sample ID: MW12 LSL Sample ID: 0304490-002
Location: Former Vibratex Facility
Sampled: 03/31/03 0:00 Sampled By: SG
Sample Matrix: NPW

| Analytical Method | | | Prep | Analysis | Analyst |
|--------------------------------------|-------------|-------|--------|-------------|----------|
| Analyte | Result | Units | Date | Date & Time | Initials |
| (1) ITEM #ID-01- , NYSDOH 310-13 TPH | | | | | |
| Fuel oil #2 | <2 | mg/l | 4/7/03 | 4/11/03 | CRT |
| Gasoline | Not Present | | 4/7/03 | 4/11/03 | CRT |
| Kerosene | <2 | mg/l | 4/7/03 | 4/11/03 | CRT |
| Lubricating oil | Not Present | | 4/7/03 | 4/11/03 | CRT |



LSL Finger Lakes Lab.
16 N. Main St., PO Box 424
Wayland, NY 14572
Phone: 716-728-3320
Fax: 716-728-2711

| | | | |
|---|----------------|----------------|-------------------------------|
| Turnaround Time | | | |
| Normal | Pre-Authorized | | |
| 14 DAY | Next Day* | 3-Day * | *Additional Charges may apply |
| ☐ | 2-Day * | 7-Day* | |
| Date Needed or Special Instructions: 716/937-9360 fax | | | |
| Please fax results to NWECC&C | | | |
| Authorization or P.O. # | | | |
| US Project Number | | 0304490 | |
| | | NYSDEC9Buffalo | |

Containers this C-O-C Shipment Method: Received intact: ☒ ☐

*** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY***

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: Tank Contents #1 LSL Sample ID: 0304898-001
Location: Vibratex
Sampled: 04/03/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|-----------------------------------|--------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) ITEM #PA-08- , EPA 8082 PCB's | | | | | |
| Aroclor-1016 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1221 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1232 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1242 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1248 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1254 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1260 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Surrogate (DCB) | 101 | %R | 4/18/03 | 4/19/03 | AMW |

-- LABORATORY ANALYSIS REPORT --

New York State DEC - Region 9 Buffalo, NY

Sample ID: Tank Contents #2 LSL Sample ID: 0304898-002
Location: Vibratex
Sampled: 04/03/03 0:00 Sampled By: DG
Sample Matrix: NPW

| Analytical Method | Result | Units | Prep Date | Analysis Date & Time | Analyst Initials |
|-----------------------------------|--------|-------|-----------|----------------------|------------------|
| Analyte | | | | | |
| (1) ITEM #PA-08- , EPA 8082 PCB's | | | | | |
| Aroclor-1016 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1221 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1232 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1242 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1248 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1254 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Aroclor-1260 | <2 | mg/kg | 4/18/03 | 4/19/03 | AMW |
| Surrogate (DCB) | 105 | %R | 4/18/03 | 4/19/03 | AMW |



SURROGATE RECOVERY CONTROL LIMITS FOR ORGANIC METHODS

8/14/02

| <u>Method</u> | <u>Surrogate(s)</u> | <u>Water
Limits, %R</u> | <u>SHW
Limits, %R</u> |
|---------------|----------------------------|-----------------------------|---------------------------|
| EPA 504 | TCMX | 80-120 | NA |
| EPA 508 | DCB | 70-130 | NA |
| EPA 515.4 | DCAA | 70-130 | NA |
| EPA 524.2 | 1,2-DCA-d4, 4-BFB | 80-120 | NA |
| EPA 525.2 | 1,3-DM-2-NB, TPP, Per-d12 | 70-130 | NA |
| EPA 526 | 1,3-DM-2-NB, TPP | 70-130 | NA |
| EPA 528 | 2-CP-3,4,5,6-d4, 2,4,6-TBP | 70-130 | NA |
| EPA 551.1 | Decafluorobiphenyl | 80-120 | NA |
| EPA 552.2 | 2,3-DBPA | 80-120 | NA |
| EPA 601 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 602 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 608 | DCB | 30-150 | NA |
| EPA 624 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | NA |
| EPA 625, AE | 2-Fluorophenol | 21-110 | NA |
| EPA 625, AE | Phenol-d5 | 10-110 | NA |
| EPA 625, AE | 2,4,6-Tribromophenol | 10-123 | NA |
| EPA 625, BN | Nitrobenzene-d5 | 35-114 | NA |
| EPA 625, BN | 2-Fluorobiphenyl | 43-116 | NA |
| EPA 625, BN | Terphenyl-d14 | 33-141 | NA |
| EPA 8010 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8020 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8021 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8081 | TCMX, DCB | 30-150 | 30-150 |
| EPA 8082 | DCB | 30-150 | 30-150 |
| EPA 8151 | DCAA | 30-130 | 30-120 |
| EPA 8260 | 1,2-DCA-d4, Tol-d8, 4-BFB | 70-130 | 70-130 |
| EPA 8270, AE | 2-Fluorophenol | 21-110 | 25-121 |
| EPA 8270, AE | Phenol-d5 | 10-110 | 24-113 |
| EPA 8270, AE | 2,4,6-Tribromophenol | 10-123 | 19-122 |
| EPA 8270, BN | Nitrobenzene-d5 | 35-114 | 23-120 |
| EPA 8270, BN | 2-Fluorobiphenyl | 43-116 | 30-115 |
| EPA 8270, BN | Terphenyl-d14 | 33-141 | 18-137 |
| DOH 310-13 | Dodecane | 40-110 | 40-110 |
| DOH 310-14 | Dodecane | 40-110 | 40-110 |
| DOH 310-15 | Dodecane | 40-110 | 40-110 |
| DOH 310-34* | 4-BFB | 50-150 | 50-150 |
| 8015M_GRO* | 4-BFB | 50-150 | 50-150 |
| 8015M_DRO* | Terphenyl-d14 | 50-150 | 50-150 |

*Run by GC/MS.

| | |
|------------|--------------------------------|
| Units Key: | ug/l = microgram per liter |
| | ug/kg = microgram per kilogram |
| | mg/l = milligram per liter |
| | mg/kg = milligram per kilogram |
| | %R = Percent Recovery |



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

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JUN 25 2002

NYSDEC - REG. #
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REL UNREL

June 24th, 2002

CRITTENDEN
(716) 937-6527

SENECA FALLS
(315) 568-1664

Ms. FRANCINE GALLEG0
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
270 MICHIGAN AVENUE
BUFFALO, NEW YORK 14203-2999

RE: Additional Office and Field Work Necessary to Complete the Subsurface Investigation Report at the Former VIBRATECH Facility, 537 East Delevan, Buffalo, New York. (Spill # 9710497).

Dear Francine;

Modifications to Report

I have contacted Mr. Maurice Moore (NYSDEC Hazardous Waste Division) to get a list of all the previous reports issued on this site. He will send me copies of the reports which I feel will help us to prepare our report in context with the findings of the Hazardous Waste Remediation (HWR) investigation and remediation. We will also request copies of all the previous analytical results and ground water elevation data which will be compiled on a spread sheet (list attached).

NWEC&C, Inc., will prepare an 11" by 17" scale map depicting the entire area of the former VIBRATECH property including pertinent information such as existing or former AST's and UST's, monitoring wells etc.. (Utilizing maps submitted by other contractors as well as measurements obtained by NWEC&C).

All previous subsurface boring logs and well installation details as well as those performed by NWEC&C will be appended to the revised report.

Discussions with the lab, concerning the NYS DOH 310.13 analysis performed on the wells which contain free phase petroleum product - determined that the water portion of the sample was analyzed. During the next water level and product thickness gauging event, samples of the product will be obtained and analyzed by DOH Method 310.13 and Chromatograph's will be requested.

Chain of Custody forms for all samples analyzed will be added to the appendix of the report. The absence of the Chain of Custodies was an over-site on my part when assembling the initial report.

The tables and figures presented in the revised report will be titled/numbered and listed on the Table of Contents. The groundwater elevation tables and flow maps will be revised to include dates obtained and product thickness.



Ms. FRANCINE GALLEG0
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
270 MICHIGAN AVENUE
BUFFALO, NEW YORK 14203-2999

Required Field Work

Further inspection of the basement portion of the facility containing the hydraulic lifts will be completed.

Once the original bench mark has been identified and located, the top of casing well elevations will be re-established for the wells which NWEC&C installed.

With regard to the oily soil interval encountered within the bedrock at MW 3-02: This sample was not submitted for laboratory analysis due to the method with which the sample was obtained. Bedrock coring was performed and water was circulated during the process and it was felt that sampling this interval would not be representative. If the department would like to have this interval tested we would need to re-core. It may be advantageous to install an additional well between MW 3-02 and MW 2.

Another round of water levels should be performed. At this time pure product samples could be collected from the product bearing wells and analyzed by DOH Method 310.13. The Hydraulic oil drum in the basement has been removed and recycled. A sample of the hydraulic oil may be obtained from the plumbing associated with the hydraulic lifts in the basement and be analyzed for comparison of chromatograph with subsurface contamination.

After obtaining water level data and product samples from the wells, the product bearing wells should be bailed and/or pumped out and stored in 55 gallon drums to observe the amount of product removed.

An additional monitoring well needs to be installed near the Winchester Avenue sewer to determine if product is entering the bedding associated with the sewer line.

We need to locate the suspect drum of oil in front of the building, characterize its contents and dispose of it during our next scheduled site visit.



**Ms. FRANCINE GALLEGO
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
270 MICHIGAN AVENUE
BUFFALO, NEW YORK 14203-2999**

Based on results of further investigation as well as conversations with the NYSDEC we may propose reinstatement of semi-annual monitoring, which will include ground water levels and product thickness etc., and will be recorded on the accompanying form.

At least two (2) additional bedrock wells should be installed as mentioned earlier, one near the Winchester Ave., sewer and one between MW 3-02 and existing MW 2 (see Map). Before installing these wells, we will perform a metal detector survey in an attempt to locate a possible UST in this portion of the site.

In order to perform a pilot study we suggest installing a 6" diameter steel casing to the top of rock in the proposed well location between MW 3-02 and MW 2. This will allow for coring and reaming the hole to 5 7/8 inches. The well will be completed as an open rock hole to allow for the installation of a pump or vac truck to perform a pilot test to determine the effectiveness of a low flow recovery pumping system.

Areas which may harbor potential sources of petroleum contamination are:

1. A potential UST in the loading ramp area in the vicinity of the recently installed NWECC monitoring wells.
2. Floor drain in the north west portion of the Powder Coating Building.
3. Boiler Room Area.
4. Hydraulic Lift Area.
5. Dry well type structures within the building



June 24th, 2002

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**Ms. FRANCINE GALLEG0
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
270 MICHIGAN AVENUE
BUFFALO, NEW YORK 14203-2999**

One obvious shallow floor drain is present along the northwest portion of the powder coating building, adjacent to MW 6, and should be further investigated. It was also noticed that oil was present in a dry well type structure in the northern portion of the building from which a sample should be obtained. Another potential area of concern (possible source area) exists in the boiler room area of the facility. This area should also be examined or investigated more closely with samples obtained from the floor or directly below the floor in this area. Analytical results of these potential sources could then be compared to results of other areas of the site.

Please review my acknowledgments to you comments and inform me as to when and what portion of the field work should be performed.

I have also highlighted a list of the reports I will need to compile the additional information which you requested for the final report.

Sincerely,

Dale M. Gramza
Manager of Geologic Services



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

MONITORING WELL

GAUGING & SAMPLING DATA SHEET

CRITTENDEN
(716) 937-6527
SENECA FALLS
(315) 568-1664

NYSDEC SPILL # _____

DATE: _____

SITE NAME: _____

SAMPLER: _____

| | | | | | | |
|-------------------|--|--|--|--|--|--|
| Well Number | | | | | | |
| Total Depth | | | | | | |
| Water Level | | | | | | |
| Product Thickness | | | | | | |
| Water Column | | | | | | |
| Well Diameter | | | | | | |
| Well Volume | | | | | | |
| Vol. Removed | | | | | | |

* Always attempt to remove at least three (3) well volumes prior to collecting the sample

* Conversion Factors: 1" = 0.008 2" = 0.17 3" = 0.38 4" = 0.66 6" = 1.5 8" = 2.6 12" = 5.81

| Well Number | Notes on the Appearance of the Purge Water & Condition of the Well |
|-------------|--|
| | |
| | |
| | |
| | |
| | |
| | |

* Record any observed problems with the well (missing cap, damage to curb box or well, etc.)

Note the degree of turbidity of the purge water during development of the purge water, petroleum sheen, film, odor, etc.

3553 CRITTENDEN ROAD
1771 AUBURN ROAD
CRITTENDEN, NEW YORK 14038
SENECA FALLS, NEW YORK 13148
FAX (315) 568-9179

915164 VIBRATECH INC. POST REMEDIAL GROUNDWATER MONITORING REPORT ANNUAL 2000 SAMPLE
915165 VIBRATECH, INC. SUPPLEMENTAL INVESTIGATION
915165 VIBRATECH, INC. SUPPLEMENTAL INVESTIGATION
915165 VIBRATECH, INC. PHASE II
915165 VIBRATECH, INC. PHASE I
915165 VIBRATECH, INC. PHASE II REPORT
915165 VIBRATECH, INC. PHASE I REPORT
915165 VIBRATECH, INC. SUPPLEMENTAL GROUNDWATER INVESTIGATION
915165 VIBRATECH, INC. SUPPLEMENTAL SOIL SAMPLING PROGRAM
915165 VIBRATECH, INC. SVE WORK PLAN
915165 VIBRATECH, INC. IRM DECISION DOCUMENT & ORDER ON CONSENT
915165 VIBRATECH, INC. SOIL REMEDIATION CONSTRUCTION SUMMARY REPORT
915165 VIBRATECH, INC. SVE PROGRAM, MAY '96 MONITORING, CATCHBASIN REMEDIATION
915165 VIBRATECH, INC. RECORD OF DECISION
915165 VIBRATECH, INC. RECORD OF DECISION
915165 VIBRATECH, INC. POST-REMEDIATION GROUNDWATER MONITORING PLAN
915165 VIBRATECH, INC. FINAL CLOSURE REPORT EX-SITU SVE PROGRAM
915165 VIBRATECH, INC. FINAL CLOSURE REPORT EX-SITU SVE PROGRAM
915165 VIBRATECH, INC. POST REMEDIATION GROUNDWATER MONITORING REPORT 2ND QTR.
915165 VIBRATECH, INC. POST REMEDIATION GROUNDWATER MONITORING REPORT
915165 VIBRATECH, INC. POST REMED. GROUNDWATER MONITORING REPORT 4TH QUARTER 1997
915165 VIBRATECH, INC. POST-REMEDIATION GW MONITORING REPORT - 1ST QTR. 1998
915165 VIBRATECH, INC. POST-REMEDIATION GW MONITORING REPORT - 1ST QTR. 1998
915165 VIBRATECH, INC. POST REMEDIATION GW MONITORING REPORT 2ND SEMI-ANNUAL 1998
915165 VIBRATECH INC. 1ST SEMI-ANNUAL 1999 GROUNDWATER SAMPLING
915165 VIBRATECH INC. POST-REMEDIATION GROUNDWATER MON. RPT. - 1ST SEMI-ANNUAL 1999
915165 VIBRATECH INC. ANNUAL 2001 SAMPLING REPORT
915165 VIBRATECH INC. SUBSURFACE INVESTIGATION REPORT

CRA 01-Sep-00
CRA 01-Jun-94 270 MICH
CRA 01-Jun-94 270 MICH
CRA 09-Jun-94 270 MIC
CRA 09-Jun-94 270 MIC
CRA 09-Jun-94 270 MIC
CRA 09-Jun-94 270 MIC
CRA 09-Jun-94 270 MIC
CRA 13-Dec-94 270 MIC
CRA 13-Apr-95 270 MIC
CRA 15-May-95 270 MIC
NYSDEC 11-Sep-95 270 MIC
CRA 04-Mar-96 270 MIC
CRA 14-Jun-96 270 MIC
NYSDEC 01-Mar-97 270 MIC
NYSDEC 25-Mar-97 270 MIC
CRA 03-Apr-97 270 MIC
CRA 11-Aug-97 270 MIC
CRA 11-Aug-97 270 MIC
CRA 03-Oct-97 270 MIC
CRA 11-Dec-97 270 MIC
CRA 06-Mar-98 270 MIC
CRA 07-May-98 270 MIC
CRA 07-May-98 270 MIC
CRA 10-Aug-99 270 MIC
CRA 29-Feb-00 270 MIC
CRA 29-Feb-00 270 MIC
CRA 11-Nov-01 270 MIC
NATURE 21-Mar-02 270 MIC



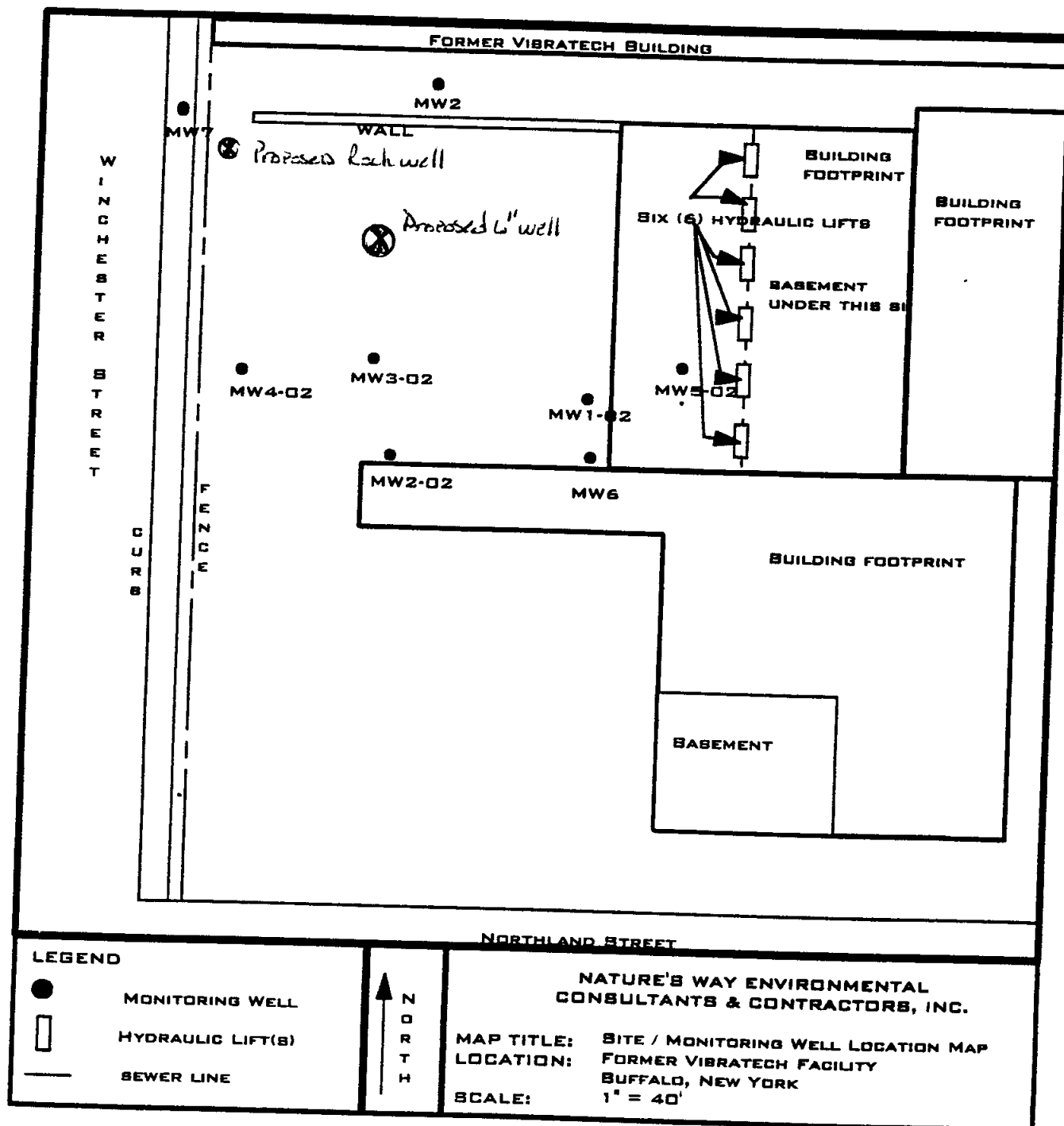
Reports I Have
Report or Analytical sections/results
needed -

CRITTENDEN
(716) 937-6527
SENECA FALLS
(315) 568-1664



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PROPOSAL/WORK PLAN
for
ADDITIONAL SUBSURFACE INVESTIGATION

at the

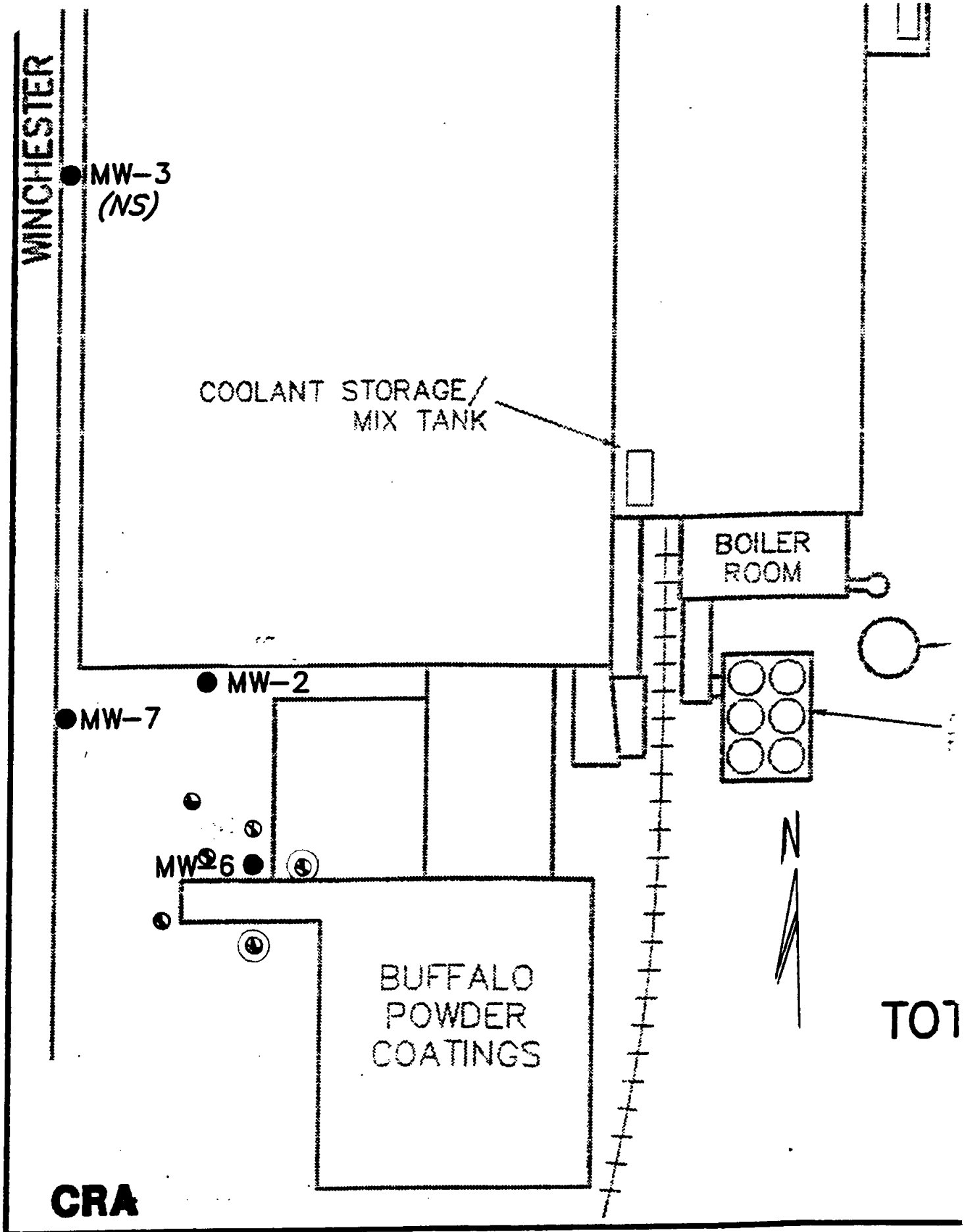
FORMER VIBRATECH FACILITY
537 EAST DELEVAN
BUFFALO, NEW YORK
SPILL # 9710497

PREPARED FOR:

Ms. FRANCINE GALLEGO
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
270 MICHIGAN AVENUE
BUFFALO, NEW YORK 14203-2999

DATE:

DECEMBER 28th, 2001



05927-00(012)GN-NF003 FEB 21/2000

⊗ Proposed Walls

⊙

Potentially Required Additional Well Locations - (dependent on access)



(1)

MONITORING WELL INSTALLATION WORK PLAN FOR: THE FORMER VIBRATECH FACILITY

Objectives & General Scope of Work Plan

Monitoring well installation work proposed at the subject Site under this Work Plan has the following objective:

Determining the source and identifying the areal extent of free phase petroleum detected previously in one (1) bedrock monitoring well at the site.

Scope:

Installation of four (4) to six (6) two (2) inch diameter wells to a depth of +/- 15.0' BGS, screened within the bedrock, in the vicinity of MW 6 (see proposed monitoring well location map) in a effort to identify the areal extent of lube oil type contamination present at the groundwater interface. The number, depth and location of the proposed wells is designed to delineate the extent of subsurface contamination. Previous groundwater analytical data along with groundwater flow information was utilized in selecting the placement of the proposed wells.

Equipment:

NWEC&C, Inc., will perform this subsurface investigation utilizing a soil sampling drilling rig equipped with hollow stem augers for soil sampling according ASTM-D-1586 specifications.

The hollow stem augers are necessary to advance the boreholes through the concrete which was identified during the initial Earthprobe investigation.

Bedrock drilling will be performed utilizing a 4 inch diameter down hole air rotary hammer/bit. Since bedrock characterization is not necessary at this site to achieve the stated objectives of this investigation/work plan. For the purposes of this investigation gauging, sampling and analytical testing of the groundwater is only required.

A steam cleaner will be used on-site to decontaminated the drilling tools between holes to prevent cross-contamination. A temporary decontamination pad will be constructed to collect all liquids generated during the decontamination process.

All soils and water generated during this investigation will be containerized in NYS DOT approved 55 gallon drums and staged on-site for future disposal.



(2)

MONITORING WELL INSTALLATION WORK PLAN FOR: THE FORMER VIBRATECH FACILITY

Data Collection:

NWEC&C Inc. will provide professional (Geologist) oversight and documentation for the well installation work. Notes, photos and measurements will be recorded to document well installation work. A summary Report of work performed and results will be provided for submission to NYSDEC, containing all pertinent data collected.

Monitoring Well Installation:

Continuous soil sampling will be performed according to ASTM-D-1586 specifications through the overburden at each location in an attempt to identify a potential source of the contamination. The sampling spoons will be advanced below the 4 1/4 inch inside diameter hollow stem augers to auger refusal. The split spoon samples will be collected, classified and head-spaced with the OVM/PID. Based on visual and olfactory evidence of contamination and/or OVM/PID readings above background, impacted split-spoon soil samples will select and submit for analytical testing by (EPA Method 8260 GC/MS, EPA Method 8270 and by EPA 310.13). A four (4) inch diameter air rotary hammer drill will be utilized to open a hole in the bedrock.

The monitoring wells will be installed through the hollow stem augers and into the open rock holes. The well screen will consist of continuous wrapped (.010 inch) stainless steel screen connected to flush threaded stainless steel riser pipe. *Stainless steel is necessary due to the presence of chlorinated solvents which were identified in MW 6. These chlorinated solvents can degrade PVC and give false analytical results.* The sand pack surrounding the screen will consist of clean silica sand appropriately sized based on the screen slot size. The bentonite seal will consist of sodium bentonite chips, +/- 3.0' thick, placed above the well screen. The cement-bentonite grout will consist of a mixture of 94 pounds of Portland cement mixed with 5 pounds of bentonite with no more than 8 gallons of water per 94-lb bag. This grout mixture will be added through the top of the auger or tremmie grouted in place through a 1 inch diameter tremmie pipe.

The monitoring well surface casings will be flush with the ground surface and completed with a 2.0' by 2.0' concrete pad and locking security plugs.

Monitoring Well Gauging

Top of casing (TOC) elevations will be established for the existing and newly installed wells on the western portion of the site, by assigning an arbitrary reference datum elevation of 100.00 at a selected permanent structure. A sonic interface probe will be utilized to gauge water levels, product thicknesses (if present) and total depths at the monitoring wells; to determine the volume of water present in each well for development purposes, to determine if free-phase petroleum product is present, and to establish ground water flow direction.



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(3)

MONITORING WELL INSTALLATION WORK PLAN FOR: THE FORMER VIBRATECH FACILITY

Groundwater Sampling

Representative groundwater samples will be secured from the newly installed monitoring wells on-site after purging a minimum of five (5) well volumes. Clean 1 ½ inch diameter disposable plastic bailer's will be utilized to purge the wells. Groundwater samples will be collected using the same bailer's and placed in specially cleaned, lab grade, 40 ml VOA vials and a one (1) liter jar. Care will be taken to ensure no air bubbles are present in the sample containers. The samples will be properly labeled and placed in a cooler with ice. The water samples will be submitted to the Lozier Analytical Group for laboratory analysis by EPA Method 8260 GC/MS, EPA Method 8270 and by EPA 310.13.

Basement Inspection

NWEC&C, Inc., will perform a complete inspection of the basement to document (presence and condition of water, drums/tanks, identification of contents and any other pertinent information).

Existing drum(s) on site:

Samples of the drum contents will be collected and characterized for disposal as necessary based on inspection results.

Once this work plan is approved, NWEC&C, Inc., will contact Mr. John Otto, Mr. Mario Pugliese and his attorney to determine the most convenient work start date.

Please review this work plan and call me if you have any questions @ (716) 937-6527.

Respectfully Submitted,

Dale M. Gramza
Senior Geologist/Project Manager
NWEC&C Inc.



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December 28th, 2001

Subsurface Investigation Report

at the
Former Vibratex Facility

537 East Delavan
Buffalo, New York
Spill # 9710497

RECEIVED

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NYSDEC - REG. 9
FOIL
REL UNREL

Prepared for:

Ms. Francine Gallego
New York State Department of Environmental Conservation (Region 9)
270 Michigan Avenue
Buffalo, New York 14203-2999

Prepared by:

Nature's Way Environmental Consultants & Contractors, Inc.
3553 Crittenden Road,
Crittenden, New York 14038

Preparer:

Dale M. Gramza
Manager of Geological Services

Reviewed by:

Russel J. Savage, Pres.



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

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Analytical Results



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Subsurface Investigation Report

at the

Former Vibratex Facility

537 East Delavan

Buffalo, New York

Spill # 9710497

1.0 Introduction

Nature's Way Environmental Consultants & Contractors, Inc., (NWECC, Inc.) was contracted by Ms. Francine Gallego of the New York State Department of Environmental Conservation (NYSDEC) Region 9 to perform a subsurface Earthprobe investigation at the Former Vibratex Facility located at 537 East Delavan and Winchester Avenue, Buffalo, New York. The borings were performed in the vicinity of MW 6 (see site location map) in an attempt to identify the source of the free phase petroleum contamination (lube oil) which is present in this well.

Prior to performing this subsurface investigation a representative groundwater sample was obtained from MW 6 on September 6th, 2001 and submitted for analytical testing by EPA Method 8260 GC/MS, 8270 PAH and TPH 310.13. Analytical results and field observations (measurements) determined that this well was impacted by a free phase floating petroleum product (+/- 1 inch thick) identified as lube oil by Method 310.13 analysis. Low concentrations of four (4) chlorinated VOC's (Vinyl Chloride 23.1 ppb, 1,1-Dichloroethene 99.9 ppb, cis-1,2-Dichloroethene 96.5 ppb and Tetrachloroethene 10.8 ppb) were also detected in dissolved phase in the groundwater at this well. These levels are above the published TOGS 1.1.1 Guidance Values. Based on these results, NWECC, Inc., was instructed to perform an Earthprobe Subsurface Investigation focused on the lube oil component of the contamination present (Refer to analytical results in Appendix section of this report).

1.1 Objectives

The Objectives of this subsurface investigation were to:

Define the source and extent of subsurface petroleum (lube oil) contamination which was identified within MW 6.

Determine whether or not contamination has migrated off site.



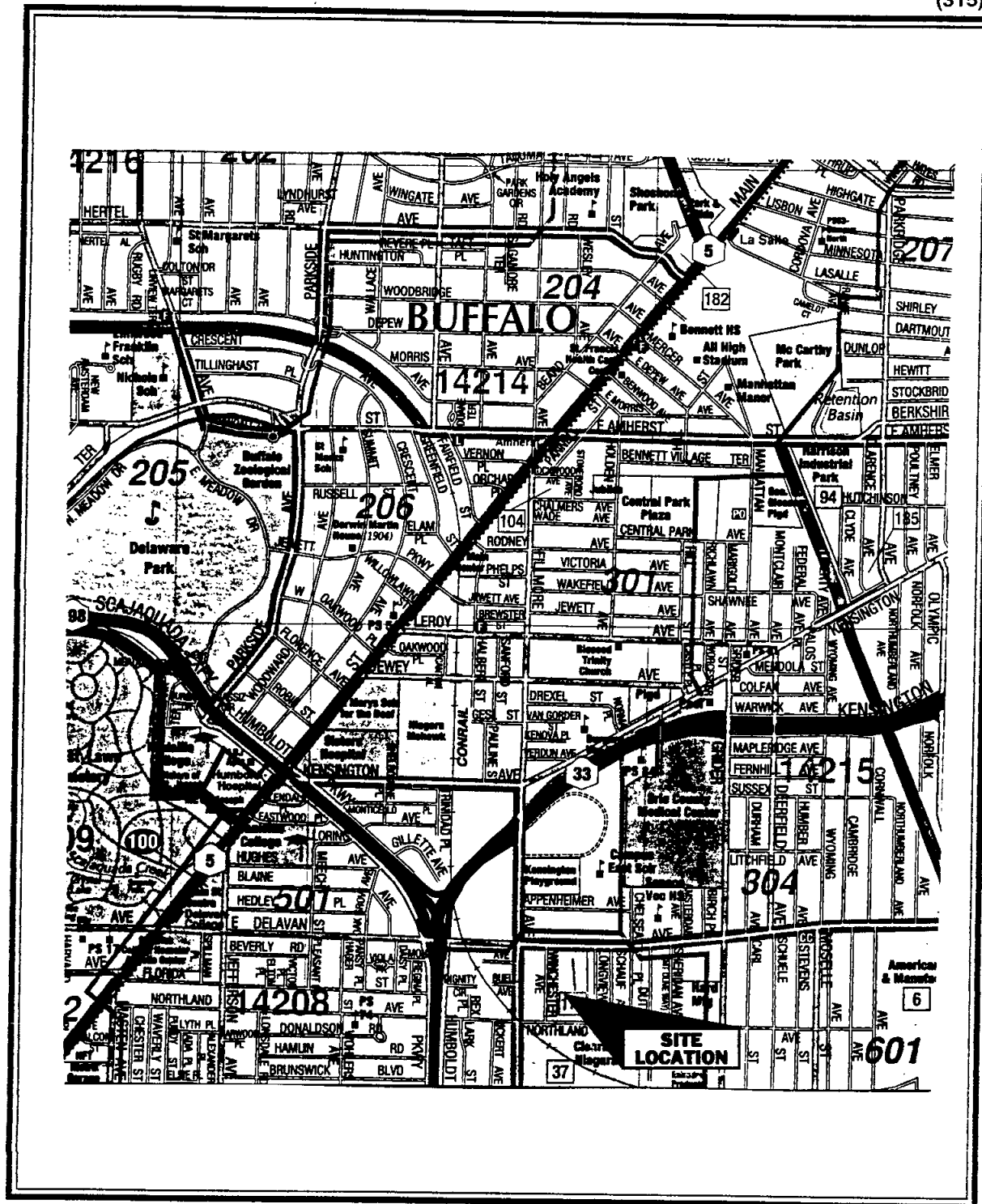
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Regional Site Map

Former Vibratex Facility
537 East Delavan Ave
Buffalo, New York



2.0 Investigative Methodology

2.1 Earthprobe borings

On November 16th, 2001, a total of eight (8) Earthprobe borings were completed to identify the source of free phase petroleum contamination in the vicinity of MW 6. (see Earthprobe Boring Location Map).

A Simco 200 Earthprobe was utilized to secure continuous soil samples. At the completion of every soil sampling interval, the split-spoon samplers were decontaminated by a rinse wash combined with a concentrated surfactant and a second rinse to complete decontamination.

The soil samples were examined and classified by the NWECC, Inc., Senior Geologist in the field. All collected soil samples were stored in clean 8 oz., paragon jars. A model 580 S OVM Photo-Ionization Detector, calibrated daily, was utilized to quantify VOC concentrations within the sample jar head space. Sample descriptions and OVM measurements are provided in Earthprobe boring logs EP 1-01 through EP 8-01 (Included in the Appendix Section).

3.0 Investigation Results & Findings

3.1 Site Geology

Fill material is present below a thin layer of asphalt at all eight (8) locations and consists of (SILTY-SAND) with variable amounts of gravel extending to a range of depths from 1.0 to 4.0 feet Below Ground Surface (BGS). Concrete was encountered below the fill in six (6) of the borings positioned along the loading ramp and was unable to be penetrated with the Earthprobe.

Boring EP 5-01 and EP 7-01 advanced along the western edge of the loading ramp identified natural soils below the fill which consisted of (SANDY-SILT) textured glacial till with 15 to 25 percent gravel extending to the top of bedrock. The bedrock encountered at these two (2) locations consists of limestone and typically resides at a depth of 3.8 to 7.5 feet BGS in the area of EP 5-01 and EP 7-01.

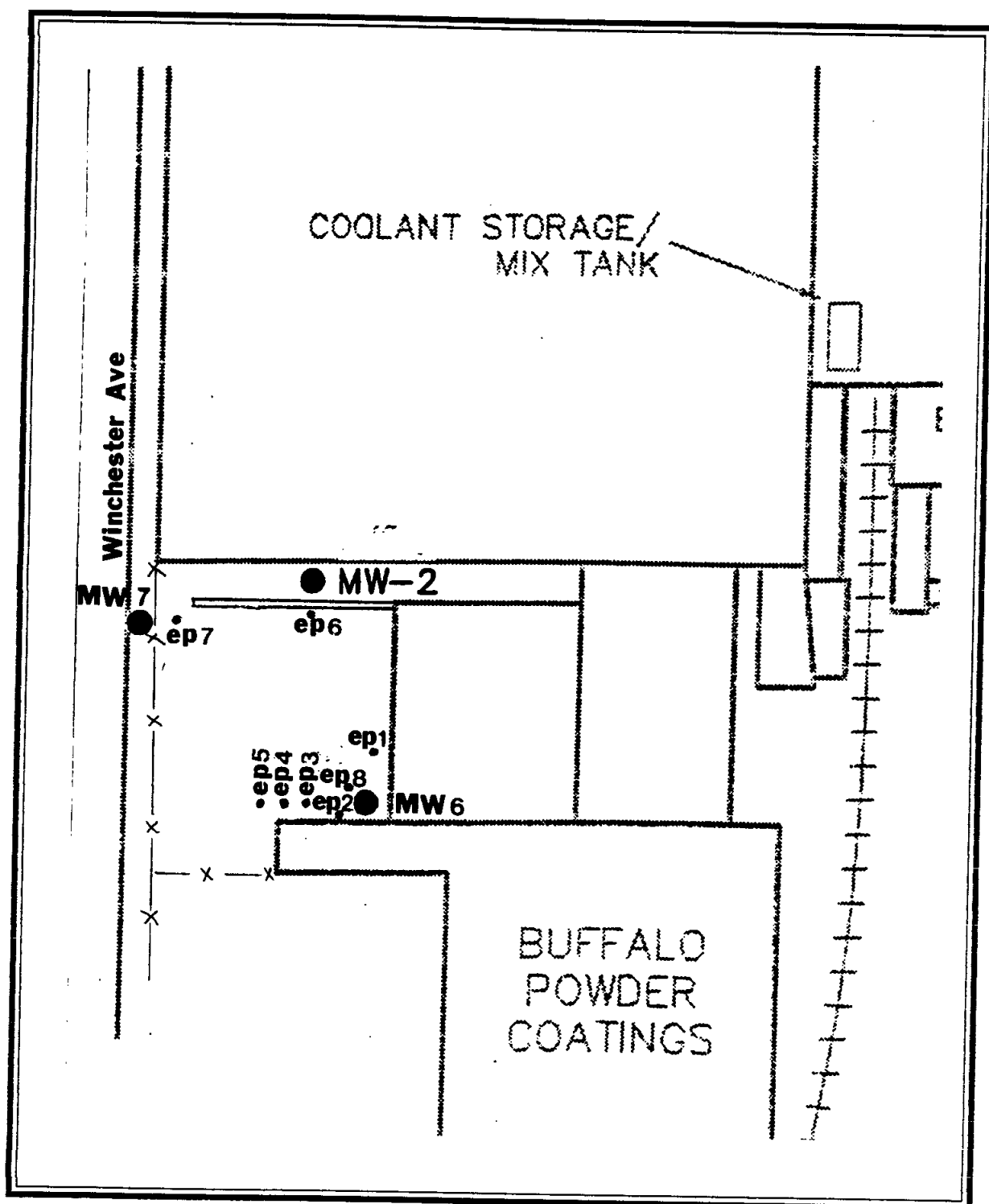
Based on these results and data collected from previous investigations the groundwater table typically resides several feet below the soil/bedrock interface.



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Earthprobe Boring Location Map

Former Vibratex Facility
537 East Delavan Ave
Buffalo, New York



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3.2 PID/OVM Volatile Organic Compound (VOC) Screening Results (Soil Samples)

The results from the OVM/PID screening are provided on the individual Earthprobe boring logs. The OVM readings were all 0.0 parts per million (ppm).

4.0 Summary & Conclusions

Petroleum impacted soils were not encountered during this Earthprobe investigation. Two (2) of the borings (EP 5-01 and EP 7-01) were advanced to the top of bedrock and did not identify any volatile organic compounds (VOC's) and/or groundwater. The remaining six (6) borings performed as part of this investigation encountered concrete below a thin fill layer and could not be advanced to the top of rock.

An alternate drilling/sampling method will be necessary to penetrate the underlying concrete and advance borings into the bedrock.

The information obtained from this investigation and data reviewed from previous studies indicates that the ground water table is present several feet below the overburden/bedrock interface.

In order to properly investigate the source and extent of the free phase (lube oil) which is present in MW 6, several boring/monitoring wells will be necessary, installed within the bedrock to a depth of +/- 15.0 feet BGS.



Hole Number: EP 1A-01

ELEVATION:

PREPARED FOR: _____ NYSDEC Region 9

BORING LOCATION: _____ See Map

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DATE: 11/16/01

Hole Number: EP 2-01

ELEVATION:

PROJECT: Earthprobe Investigation at the former Vibratex Property

537 East Delevan, Buffalo, New York

PREPARED FOR: NYSDEC Region 9

BORING LOCATION: See Map

| SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION AND CLASSIFICATION | OVM | COMMENTS |
|----|-----|------|-------|-------|---|------|--|-----|---|
| 0 | 1 | | | | | | Asphalt | 0.2 | |
| | | | | | | | Gravel fill | 0.4 | |
| | | | | | | | Moist, dark gray (SILTY-SAND) fill with very fine to fine size sand, little silt | | Asphalt pavement to 0.2 foot over gravel fill to 0.4 foot over sandy fill with little silt to 2.5 feet over concrete to refusal |
| | | | | | | | Concrete | 2.5 | |
| | | | | | | | Earthprobe Refusal at 2.8 feet | 2.8 | |
| 5 | | | | | | | | | |
| 10 | | | | | | | | | |
| 15 | | | | | | | | | |
| 20 | | | | | | | | | |

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PAGE 1 of 1



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Hole Number: _____ EP 3-01

ELEVATION:

PROJECT: Earthprobe Investigation at the former Vibratex Property

537 East Delevan, Buffalo, New York

PREPARED FOR: NYSDEC Region 9

BORING LOCATION: See Map

LOGGED BY: Dale M. Gramza / Senior Geologist

PAGE 1 of 1

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(315) 568-1664

DATE: 11/16/01

Hole Number: EP 4-01

ELEVATION:

PROJECT: Earthprobe Investigation at the former Vibratex Property

537 East Delevan, Buffalo, New York

PREPARED FOR: _____ NYSDEC Region 9

BORING LOCATION: _____ See Map

| SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION AND CLASSIFICATION | OVM | COMMENTS |
|----|-----|------|-------|-------|---|------|---|-----|---|
| 1 | ↑ | | | | | | Asphalt | 0.2 | 0.0
Asphalt pavement to 0.2 foot over gravel fill to 0.8 foot over sandy fill to 1.2 feet over concrete to refusal |
| | ↓ | | | | | | Gravel fill | 0.8 | |
| | | | | | | | Extremely moist, dark gray (SILTY-SAND) fill with very fine size sand | 1.2 | |
| | | | | | | | Concrete | 1.4 | |
| | | | | | | | Earthprobe Refusal at 1.4 feet | | |

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DATE: 11/16/01

Hole Number: EP 5-01

ELEVATION:

PROJECT: Earthprobe Investigation at the former Vibratex Property

537 East Delevan, Buffalo, New York

PREPARED FOR: NYSDEC Region 9

BORING LOCATION: See Map

| SN | 0/
6 | 6/
12 | 12/
18 | 18/
24 | N | LITH | DESCRIPTION AND CLASSIFICATION | OVM | COMMENTS |
|----|---------|----------|-----------|-----------|---|------|--|-----|---|
| 1 | ↑ | | | | | | Asphalt | 0.0 | Asphalt pavement to 0.2 foot over sandy fill with trace gravel and bricks to 4.0 feet over coarse silty glacial till to 7.5 feet over limestone rock to refusal |
| | | | | | | | Moist, mixed gray and dark gray (SILTY-SAND) fill with 5 to 15% gravel and brick fragments, very fine size sand, little silt | | |
| 2 | × | | | | | | Extremely moist, gray (SANDY-SILT) with 15 to 25% gravel, little very fine size sand, massive soil structure | 0.0 | |
| | | | | | | | Limestone Rock | 7.5 | |
| | | | | | | | Earthprobe Refusal at 7.6 feet | 7.6 | |

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PAGE 1 of 1



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DATE: 11/16/01

Hole Number: EP 6-01

ELEVATION:

PROJECT: Earthprobe Investigation at the former Vibratex Property

537 East Delevan, Buffalo, New York

PREPARED FOR: NYSDEC Region 9

BORING LOCATION: See Map

| SN | 0/
6 | 6/
12 | 12/
18 | 18/
24 | N | LITH | DESCRIPTION AND CLASSIFICATION | OVM | COMMENTS |
|----|---------|----------|-----------|-----------|---|------|--|-----|---|
| 1 | | | | | | | Asphalt | 0.0 | |
| | | | | | | | Gravel fill | 1.2 | Asphalt pavement to 0.2 foot
over gravel fill to 1.2 foot
over sandy fill to 3.5 feet
over concrete to refusal |
| | | | | | | | Extremely moist, dark gray (SILTY-SAND) fill with very fine size sand, little silt | 3.5 | |
| | | | | | | | Concrete | 3.6 | 6A - Refusal at 2.6 feet
6B - Refusal at 1.7 feet |
| | | | | | | | Earthprobe Refusal at 3.6 feet | | |

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PAGE 1 of 1



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DATE: 11/16/01

Hole Number: EP 7-01

ELEVATION:

PROJECT: Earthprobe Investigation at the former Vibratex Property

537 East Delevan, Buffalo, New York

PREPARED FOR: NYSDEC Region 9

BORING LOCATION: See Map

| SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION AND CLASSIFICATION | OVM | COMMENTS |
|----|-----|------|-------|-------|---|------|---|-----|---|
| 0 | 1 | | | | | | Asphalt | 0.2 | |
| | | | | | | | Extremely moist, brown, gravelly (SILTY- SAND) fill with 15 to 25% gravel, very fine to fine size sand | 1.0 | Asphalt pavement to 0.2 foot over sandy fill with little gravel to 1.0 foot over coarse silty glacial till to 3.8 feet over limestone rock to refusal |
| | | | | | | | Extremely moist, brown, gravelly (SANDY-SILT) with 15 to 25% gravel, little to some very fine size sand, massive soil structure | | |
| | | | | | | | Limestone rock | 3.8 | |
| | | | | | | | Earthprobe Refusal at 3.9 feet | 3.9 | |
| 5 | | | | | | | | | |
| 10 | | | | | | | | | |
| 15 | | | | | | | | | |
| 20 | | | | | | | | | |

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DATE: 11/16/01 Hole Number: EP 8-01 ELEVATION:

PROJECT: Earthprobe Investigation at the former Vibratex Property
537 East Delevan, Buffalo, New York

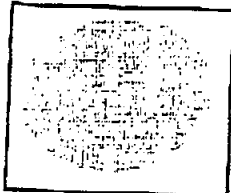
PREPARED FOR: NYSDEC Region 9

BORING LOCATION: See Map

| SN | 0/
6 | 6/
12 | 12/
18 | 18/
24 | N | LITH | DESCRIPTION AND CLASSIFICATION | OVM | COMMENTS |
|----|---------|----------|-----------|-----------|---|------|---|-----|---|
| 1 | | | | | | | Asphalt | 0.2 | |
| | | | | | | | Gravel fill | 0.9 | |
| | | | | | | | Moist, dark gray (SILTY-SAND) fill with
very fine to fine size sand, little silt | | Asphalt pavement to 0.2 foot
over gravel fill to 0.9 foot
over sandy fill to 3.5 feet
over concrete to refusal |
| | | | | | | | Concrete | 3.6 | |
| | | | | | | | Earthprobe Refusal at 3.6 feet | | |

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PAGE 1 of 1



Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone 851-7220

FAX 851-7252

PO Number: SPILL # 9710497

Project Number:

Project Cust:

Project Site: VIBRATECH (FORMER)

Date FAXED:

Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

45862

MW 6

WATER

RUSS SAVAGE

09/06/01 10:15

09/11/01 03:30

09/12/01

09/13/01

Results Det Limit*

| | | |
|--------|------|---------------------------|
| <DL(U) | 2.0 | 1,1-Dichloropropene |
| 23.1 | 2.0 | Carbon Tetrachloride |
| <DL(U) | 2.0 | 1,2-Dichloroethane |
| <DL(U) | 2.0 | Trichloroethene |
| <DL(U) | 2.0 | 1,2-Dichloropropane |
| <DL(U) | 2.0 | Dibromomethane |
| <DL(U) | 2.0 | Bromoform |
| <DL(U) | 10.0 | Bromodichloromethane |
| <DL(U) | 10.0 | 1,1,2,2-Tetrachloroethane |
| <DL(U) | 2.0 | Benzene |
| <DL(U) | 2.0 | cis-1,3-Dichloropropene |
| 99.9 | 2.0 | 4-Methyl-2-pentanone |
| <DL(U) | 2.0 | Toluene |
| 96.5 | 2.0 | trans-1,3-Dichloropropene |
| <DL(U) | 2.0 | 1,1,2-Trichloroethane |
| <DL(U) | 2.0 | Tetrachloroethene |
| <DL(U) | 2.0 | 1,3-Dichloropropane |
| <DL(U) | 2.0 | 2-Hexanone |

Results Det Limit*

| | |
|--------|-----|
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| 10.8 | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |

Dichlorodifluoromethane

Vinyl Chloride

Chloromethane

Bromomethane

Chloroethane

Trichlorofluoromethane

1,1-Dichloroethene

Acetone

Methylene Chloride

trans-1,2-Dichloroethene

Methyl-tert-butyl ether

1,1-Dichloroethane

2,2-Dichloropropane

cis-1,2-Dichloroethene

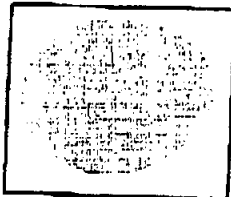
Methyl ethyl ketone

Bromochloromethane

Chloroform

1,1,1-Trichloroethane

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

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BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number:
 Project Cust:
 Project Site: **VIBRATECH (FORMER)**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

| | |
|--------------------|-------|
| 45862 | |
| MW 6 | |
| WATER | |
| RUSS SAVAGE | |
| 09/06/01 | 10:15 |
| 09/11/01 | 03:30 |
| 09/12/01 | |
| 09/13/01 | |

Results Det Limit*

| | |
|--------|-----|
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 4.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |

Results Det Limit*

| | |
|--------|-----|
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 5.0 |
| <DL(U) | 2.0 |

Dibromochloromethane

1,2-Dibromoethane

Ethylbenzene

m&p-Xylene

o-Xylene

Styrene

Isopropylbenzene

n-Propylbenzene

1,3,5-Trimethylbenzene

tert-Butylbenzene

1,2,4-Trimethylbenzene

sec-Butylbenzene

Chlorobenzene

1,1,1,2-Tetrachloroethane

Bromobenzene

1,2,3-Trichloropropane

2-Chlorotoluene

4-Chlorotoluene

1,3-Dichlorobenzene

4-Isopropyltoluene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

n-Butylbenzene

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

Hexachlorobutadiene

Naphthalene

1,2,3-Trichlorobenzene

<DL(U)= analyzed but not detected

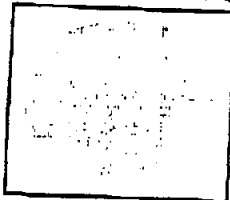
L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - 8270 PAH

Cust N.Y.S. DEC. REG. 9
 Address: 270 MICHIGAN AVE.
 BUFFALO, N.Y. 14203
 Attn: FRANCINE GALLEG0

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number:
 Project Cust:
 Project Site: VIBRATECH (FORMER)
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Water=mg/L ppm

*See Individual Limit

Results shown are: PAH Compounds

Extraction Method: EPA 3510 Liquid-Liquid

Analysis Method: EPA 8270 GC/MS

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| | |
|-------------|-------|
| 45862 | |
| MW 6 | |
| WATER | |
| RUSS SAVAGE | |
| 09/06/01 | 10:15 |
| 09/11/01 | 03:30 |
| 09/14/01 | |
| 09/14/01 | |

Results Der Limit*

| | |
|---------|-------|
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |

Naphthalene
 Acenaphthylene
 Acenaphthene
 Fluorene
 Phenanthrene
 Anthracene
 Fluoranthene
 Pyrene
 Benzo(a)anthracene
 Chrysene
 Benzo(b)fluoranthene
 Benzo(k)fluoranthene
 Benzo(a)pyrene
 Indeno(1,2,3-c,d)pyrene
 Dibenz(a,h)anthracene
 Benzo(g,h,i)perylene

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM

Lozier Analytical Group

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888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - TPH-310.13

Cust N.Y.S. DEC. REG. 9
 Address: 270 MICHIGAN AVE.
 BUFFALO, N.Y. 14203
 Attn: FRANCINE GALLEGO

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number:
 Project Cust:
 Project Site: VIBRATECH (FORMER)
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type: Detection Limits in small print

Detection Limits* = Water=ug/ml ppm

*Sec Individual Limit

Extraction Method: EPA 3550 Sonication

Analysis Method: EPA 8270 GC/MS

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

| | |
|-------------|-------|
| 45862 | |
| MW 6 | |
| WATER | |
| RUSS SAVAGE | |
| 09/06/01 | 10:15 |
| 09/11/01 | 03:30 |
| 09/14/01 | |
| 09/14/01 | |

Det Limit*(ppm)

Kerosene

Fuel Oil #2

Lube Oil

Gasoline

Unknown Hydrocarbons

| | |
|--------------|-----|
| < DL(U) | 0.2 |
| < DL(U) | 0.2 |
| 68.8 | 0.2 |
| Not Detected | |
| < DL(U) | 0.2 |

E=Exceeds calibration range

J=Detected above MDL, but below PQL



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March 21st, 2002

Subsurface Investigation Report

at the

FORMER VIBRATECH FACILITY

537 East Delevan

Buffalo, New York

Spill # 9710497 * PIN # H80271

Prepared for:

Ms. Francine Gallego

New York State Department of Environmental Conservation

Region 9

270 Michigan Avenue

Buffalo, New York 14203-2999

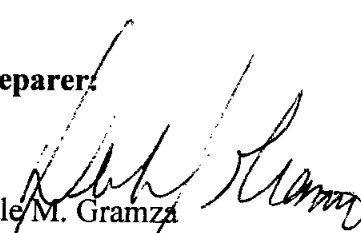
Prepared by:

Nature's Way Environmental Consultants & Contractors, Inc.

3553 Crittenden Road,

Crittenden, New York 14038

Preparer:


Dale M. Gramza

Manager of Geological Services

Reviewed by:



Russel J. Savage, Pres.



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6.0 Recommendations

Attachments

1. Regional Site Location Map
2. Monitoring Well Location Map
3. Soil Boring/Monitoring Well Logs
4. Well Development Sheet and System Table
5. Soil Analytical Results - EPA Method 8260 & 8270 Table and Lab. Reports
6. Monitoring Well Gauging Information Table and Groundwater Flow Map (1/23/02)
7. Groundwater Analytical Results - Method 8260 Table and Lab. Results and 8270 Lab Report
8. Groundwater Analytical Results - Method 310.13 Laboratory Report
9. Groundwater Analytical Results - Basement and Drum Contents
10. Wood Floor Analytical Results-Full TCLP with Pesticides/herbicides and PCB's



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Subsurface Investigation Report
at the
FORMER VIBRATECH FACILITY
537 East Delevan
Buffalo, New York
Spill # 9710497 * PIN # H80271

1.0 Introduction

Nature's Way Environmental Consultants & Contractors, Inc., (NWECC, Inc.) was contracted by the New York State Department of Environmental Conservation (NYSDEC) - Region 9, to perform a subsurface site investigation on the southwestern portion of the former VIBRATECH Facility, located at 537 E. Delevan and Winchester Avenue, Buffalo, New York (See Attachment 1- Regional Site Location Map).

This investigation was performed to augment a previous subsurface/groundwater investigation which identified free-phase petroleum product on the groundwater at (MW 6) near the former loading dock entrance.

In an attempt to further identify the source and extent of petroleum contamination, additional field work was performed by NWECC, Inc., commencing on January 18th, 200²~~1~~ and extending through January 23rd, 200²~~1~~.

This recent work included:

The installation of five (5) bedrock monitoring wells designated as MW 1-01 through MW 5-01 (see Attachment 2 - Monitoring Well Location Map).

The visual inspection of the basement (as a suspect area contributing to the presence of free-phase petroleum). The basement inspection also included securing a water sample from the basement and liquid sample from a drum staged adjacent to and above basement for analytical testing.

Securing representative/random samples of the wooden floor blocks which are stockpiled in the open warehouse area in the northern portion of the VIBRATECH Facility. These samples were obtained to determine the appropriate method of disposal. *Why?*



1.1 Objectives

The primary objectives of this subsurface investigation were to:

Define the areal and vertical extent of subsurface free-phase petroleum contamination previously identified at (MW 6) in the southwestern portion of the property near the former loading docks.

Determine the source of this free-phase petroleum contamination.

2.0 Site Description

2.1 Site Location/Setting

The site is located at 537 East Delevan, on the east side of Winchester Avenue in the City of Buffalo, Erie County, New York. This Mixed old industrial and residential area is serviced by public water and sewer. The main area of concern is the southwestern portion of the former VIBRATECH facility.

3.0 Investigative Methodology

3.1 Soil/Rock Borings

A Diedrich D-50 drilling rig was utilized to secure overburden soil samples and to advance 4 1/4 inch I.D. hollow stem augers according to ASTM-D-1586 specifications.

Bedrock cores were obtained by advancing an HQ size core barrel according to ASTM-D-2113 specifications.

Collected soil and bedrock samples were examined and classified on-site by the NWE&C, Inc., Senior Geologist. Collected soil samples were stored in clean 8 oz., sample jars and set aside for a minimum 15 minute period at approx. 70 F, to allow concentrations of volatile organic compounds (VOC) to accumulate. Bedrock core samples were properly labeled and stored in wooden core boxes.

Sample descriptions, well installation details and OVM measurements were recorded and are presented on boring logs which were generated for each soil/bedrock boring (See Attachment 3 - Soil Boring /Monitoring Well Log).



3.1.1 OVM/PID Screening

A model 580 S OVM Photo-Ionization Detector (OVM/PID), calibrated daily to a 100 ppm Isobutylene Standard, was utilized to quantify VOC concentrations within the sample jar head space.

3.1.2 Sample Selection (Soil)

A total of two (2) representative soil samples were submitted to the Lozier Analytical Group for laboratory analysis by EPA Method 8260 GC/MS and 8270 STARS.

These two (2) samples were selected based on the presence of free phase petroleum ✓ present in the monitoring wells installed within the bedrock at these locations.

3.2 Monitoring Well Installation, Gauging and Sampling

The monitoring wells installed by NWECC, Inc., were located and constructed with the objective of determining the depth to groundwater and to detect potential free-phase petroleum contamination.

3.2.1 Monitoring Well Installation

A total of five (5) monitoring wells (MW-1-02 through MW-5-02) were installed within the overburden/bedrock at selected locations across the site, and constructed of two (2) inch inside diameter ASTM flush threaded .010 or .020 inch slot stainless steel screens and riser pipe.

3.2.2 Monitoring Well Gauging

On January 23rd, 2002, top of casing (TOC) elevations were established for all the wells on the southwest portion of the site, by first assigning an arbitrary reference datum elevation of 100.00 at the north rim of the sewer manhole located to the northeast of existing MW 7 (See Site Map). A sonic interface probe was utilized to gauge water levels and total depths at the monitoring wells, to determine the volume of water present in each well for development purposes, to determine if free-phase petroleum product is present, and to establish ground water flow direction.



3.2.3 Well Development and Sampling

Eight (8) of the wells. (MW 1-02 through MW 5-02, MW 2, MW 6 and MW 7) located within the petroleum impacted area of concern, were developed (purged) on January 23rd, 2002, to obtain a representative water sample for analytical testing. The samples were placed in pre-cleaned laboratory 40 mL and 1-liter amber glass vials and jars (See Attachment 4) for well development observations and data.

The ground water samples from all the wells were analyzed by EPA Method 8260 and 8270 STARS. Representative samples from MW 1-02, MW 3-02 and MW 6, which contained free phase petroleum were also analyzed by EPA method 310.13.

Water or Product
lab report
indicates water

3.3 Basement Inspection

The inspection of the two (2) basement areas consisted of personnel entering the two area(s) equipped with waders and the proper lighting to observe the conditions present. The inspection was necessary to determine if structures and/or materials stored in these areas may have contributed to the presence of free phase petroleum contamination which was identified in the bedrock wells on site.

The two basement areas include:

The area beneath the six (6) hydraulic lifts which are present in the loading dock area.

The 45.0' by 56.0' basement located in the extreme southern portion of the "Buffalo Powder Coatings" building.

3.4 Wood Block Floor Sampling

A major portion of the former VIBRATECH Facility contained a wooden block floor which had been recently pulled-up and stockpiled at various locations within the warehouse. Wood block samples were secured from five (5) randomly selected piles and a composite sample was obtained and submitted to the analytical lab for purposes of disposal characterization. A full TCLP with pesticides/herbicides and PCB's was run on the composite wood sample.



4.0 Investigation Results & Findings

4.1 Geologic Description/Condition

The investigated area is mantled with a thin layer of asphalt with a sand and gravel base to a depth of +/- 1.0 feet below ground surface (BGS). MW 5-02 positioned within the building encountered concrete at the surface and present to a depth of 0.7 feet BGS. An apparent concrete slab was encountered below a depth of +/-3.5 BGS, in MW 1-02 and MW 5-02. Soil fill with varying textures and gravel contents is present across the site to a range of depths from 5.0 to 7.0 feet BGS. This fill material is present throughout the soil profile in MW 4-02, which is present to the top of bedrock at a depth of 5.1 feet BGS.

The natural soils identified below the fill consist of fine textured lake deposited sediment with a (CLAYEY-SILT) texture and/or glacial deposits extending to the top of bedrock at a range of depths from 8.2 to 11.5 feet BGS at the remaining locations.

The bedrock encountered at the site consist of the Onondaga Limestone Formation. This bedrock unit is gray in color, very hard and occurs in very thin to thin beds 1 to 5 inches thick. Thin fracture zones were encountered at each of the core locations and possessed an oil sheen and petroleum and/or chemical odor. The most notable fractures and presence of oil sheen and free phase liquid occurred in MW 1-02 and MW 3-02 positioned in the approximate center of the study area. *- product?*

MW 1-02 - a fracture zone was encountered between 12.5 to 13.0 feet BGS, were all water returns were lost. Close examination of the core at the surface, revealed a pronounced sheen and strong petroleum odor within this fractured interval.

MW 3-02 - from 9.2 to 10.0 feet BGS at this location numerous vertical fractures were observed, with a noticeable oil sheen present. Below 10.0 feet and extending to a depth of 12.5 feet BGS, a soil filled layer was encountered and contained a thick dark gray oily substance. *- sampled?*

The water table was encountered within the bedrock and occurs at a range of depths from 4.61 to 11.89 feet BGS.



4.1.1 PID/OVM Volatile Organic Compound (VOC) Screening Results (Soil Samples)

The results from the OVM/PID screening for all sample intervals for each boring are provided on the individual boring logs. OVM readings for all intervals throughout the soil profile registered 0.0 ppm.

4.1.2 Analytical Results (Soil Samples)

*sampled 1/21/02, wells gauged 1/23/02,
soil samples received at lab 1/28/02*

The soil samples secured from MW 1-02 and MW 3-02, were submitted to the Lozier Analytical Group for analysis via EPA Method 8260 and 8270 GC/MS based upon the discovery of free phase petroleum present on the groundwater surface within the monitoring wells installed at these locations.

Analytical results obtained for these soil samples are provided in the attached Soil Analytical Results Table and accompanying laboratory reports (Attachment 5). The analytical results obtained from these soil samples were all below laboratory detection limits.

4.2 Groundwater Investigation

4.2.1 Monitoring Well Installation, Gauging and Groundwater Flow

Five (5) monitoring wells were installed on-site between January 18th through 22nd, 2002, and include (MW 1-02 through MW 5-02). Three (3) existing wells MW 2, MW 6 and MW 7 were also included as part of this investigation. All eight (8) wells on-site consist of two (2) inch diameter stainless steel screen and riser.

The elevations to the top of the water table in the eight (8) bedrock wells present in the southwestern portion of this property are presented in the water level data tables and groundwater flow maps included as attachment 6 of this report. Groundwater data obtained on January 23rd, 2002, identified that the water table resides at a depth of 4.61 to 11.89 feet BGS with the elevations ranging from 92.43 to 94.53 feet across the site. Based on this data, the general site ground water flow converges toward the center of the loading ramp in the vicinity of MW 3-02 and eventually flows in a northwesterly direction toward MW 7 and the existing Winchester Avenue sewer.



4.2.2 Analytical Results (Groundwater Samples)

Analytical results obtained for the groundwater samples are summarized in the attached Groundwater Analytical Results Table and on the laboratory reports included as (Attachment 7) of this report. The water samples were analyzed by EPA Method 8260 and 8270 GC/MS.

The 8260 analytical results from monitoring wells MW 1-02, MW 3-02, MW 4-02, MW 2 and MW 6 identified petroleum constituent compounds which exceed the NYSDEC TOGS 1.1.1 Guidance Values. It should be noted that monitoring wells MW 6, MW 1-02 and MW 3-02 contain free phase product and that the analytical *thickness* results identify distinct similarities in the petroleum compounds present in all of the affected wells.

The results obtained from the 8270 analysis from the eight (8) wells were all below the laboratory detection limits.

4.2.3 Analytical Results (Groundwater Samples - Product Identification)

The analytical results on the groundwater sample obtained from MW 1-02, MW 3-02 and MW 6, identified Lube Oil as being present in MW 1-02 at a concentration of 16.3 ppm (see Attachment 8). Previous analytical data obtained from MW 6 (9-6-01) also identified lube oil at a concentration of 68.8 ppm.



4.3 Results of Basement Inspection and Drum Contents

The basement area beneath the hydraulic lifts identified a hydraulic pump and associated metal hydraulic lines connected to each of the individual lifts. There was no visible evidence that the lines have leaked. Slight oil staining was noticed along the floor near the hydraulic pump and at the base of each of the hydraulic lifts. The hydraulic lifts themselves are mounted directly on the concrete floor and do not come in contact with the underlying soils and or bedrock. In this area a 55 gallon drum containing approximately 40 gallons of apparent clean hydraulic oil (consistent with the label information) is present in a relatively new drum. The contents of this drum will be disposed of through recycling or reuse.

The basement located at the southern end of the facility measures 45.0 feet by 56.0 feet and contains 1.5 feet of water. The only structures identified within the basement consist of old shelving and two (2) concrete block foundation structures. The surface of the water was noticed to contain dark brown oil droplets, so a representative ground water sample was secured and analyzed by EPA Method 310.13, 8260 GC/MS and 8270. The results indicate that all parameters tested for were below detection limits (refer to analytical results in Attachment 9).

A 55 gallon drum containing approximately 45 gallons of liquid (oil/water) is present in the southern portion of the facility adjacent to the entrance to the basement. A representative liquid sample was secured from the drum and analyzed by EPA Method 310.13, 8260 GC/MS and 8270. The 310.13 analysis identified lube oil at 42.9 ppm. Although the drum is in an upright position with no visible evidence of leakage, the liquid contents will be transferred into a newly reconditioned and DOT compliant drum for transport and disposal.

4.4 Results of Wood Block Floor Sampling

The analytical results of the full TCLP with pesticides/herbicides and PCB's obtained on the composite wood sample indicate that the wood samples should be treated as non-hazardous waste material and may be disposed at a sanitary (Subtitle D-90) Landfill (see Attachment 10).



5.0 Summary & Conclusions

The analytical results obtained from eight (8) monitoring wells sampled (MW 1-02 through MW 5-02 and existing MW 2, MW 6 and MW 7) indicate that concentrations of petroleum contamination above the NYSDEC published guidance values exists in MW 1-02, MW 3-02, MW 4-02, MW 2 and MW 6. Results and Observations indicate that two (2) contaminant types/sources are present at the Site

Free phase petroleum contamination appears to be present in the vicinity of the loading dock as identified from data collected from MW 6, MW 1-02 and MW 3-02. The petroleum identification analysis performed at these three (3) product bearing wells detected lube oil present in MW 3-02. Previous analytical data obtained from MW 6 also identified lube oil. Dissolved Phase Chlorinated VOC contamination is also present throughout the former loading dock area.

Product gauging and removal efforts conducted with a bailer, removed small quantities of product and noted that the product becomes emulsified within the groundwater when agitated.

The groundwater flow identified across the site, converges toward the center of the loading ramp access area in the vicinity of MW 3-02 and eventually flows in a northwesterly direction toward MW 7 and the Winchester Avenue sewer.

Based on review of the data collected during the subsurface investigation it appears that the free phase lube oil contamination exists predominantly within the weathered and fractured portions of the bedrock in the vicinity of the former loading dock area.

Analytical data identifies the highest levels of dissolved chlorinated VOC contamination at MW 2, with no free product present. This would indicate that the dissolved phase contamination most likely originated from a source area located to the north of the loading dock area.

Inspection and analytical data obtained from the basement indicates that the contamination identified in the monitoring wells did not originate from the basement.

The analytical data obtained from the composite wood block sample indicates that these blocks can be disposed of as non-hazardous solid waste.



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6.0 Recommendations

The most cost-effective and technically-feasible remedial option for the area includes the installation of a low-flow recovery pumping system that pumps impacted groundwater and free product together. By limiting the pumping rate of the system, a small but sufficient water table depression will be created to allow for the migration of product into the recovery well, while keeping the volume of recovered groundwater to a minimum. A 6-inch diameter recovery well should be installed adjacent to the existing two-inch diameter monitoring well MW 3-02. A larger diameter recovery well is necessary to accommodate the pumping system.

The product Recovery/Groundwater Depression well should be connected to an above-ground oil water separator and activated carbon filtration treatment system to remove recovered contaminants. Discharge of treated water should be to the sanitary sewer.

Remedial progress should be monitored through quarterly gauging and sampling of the existing monitoring wells until remedial objectives have been achieved.



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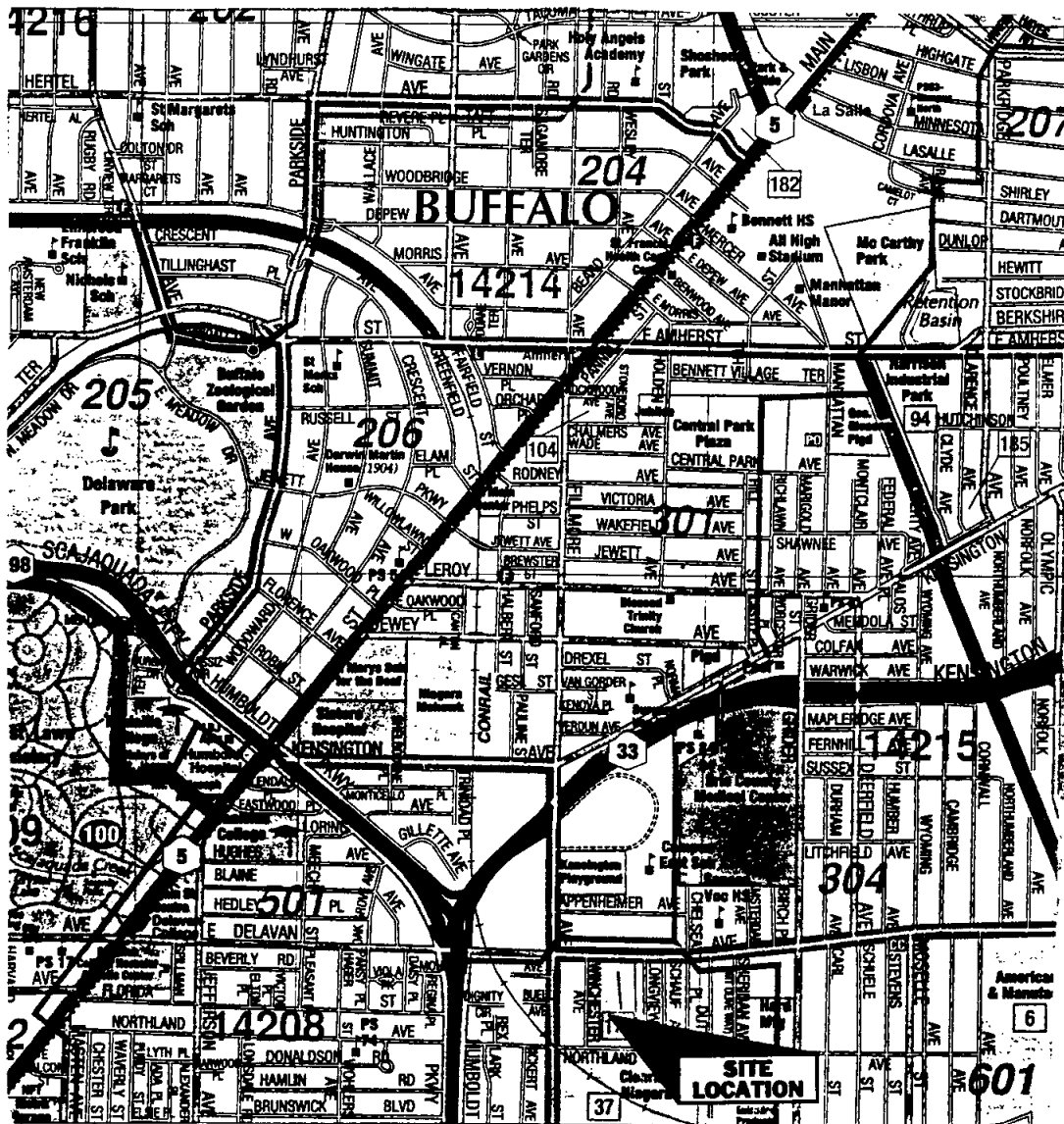
Attachment #1 Regional Site Map



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Regional Site Map

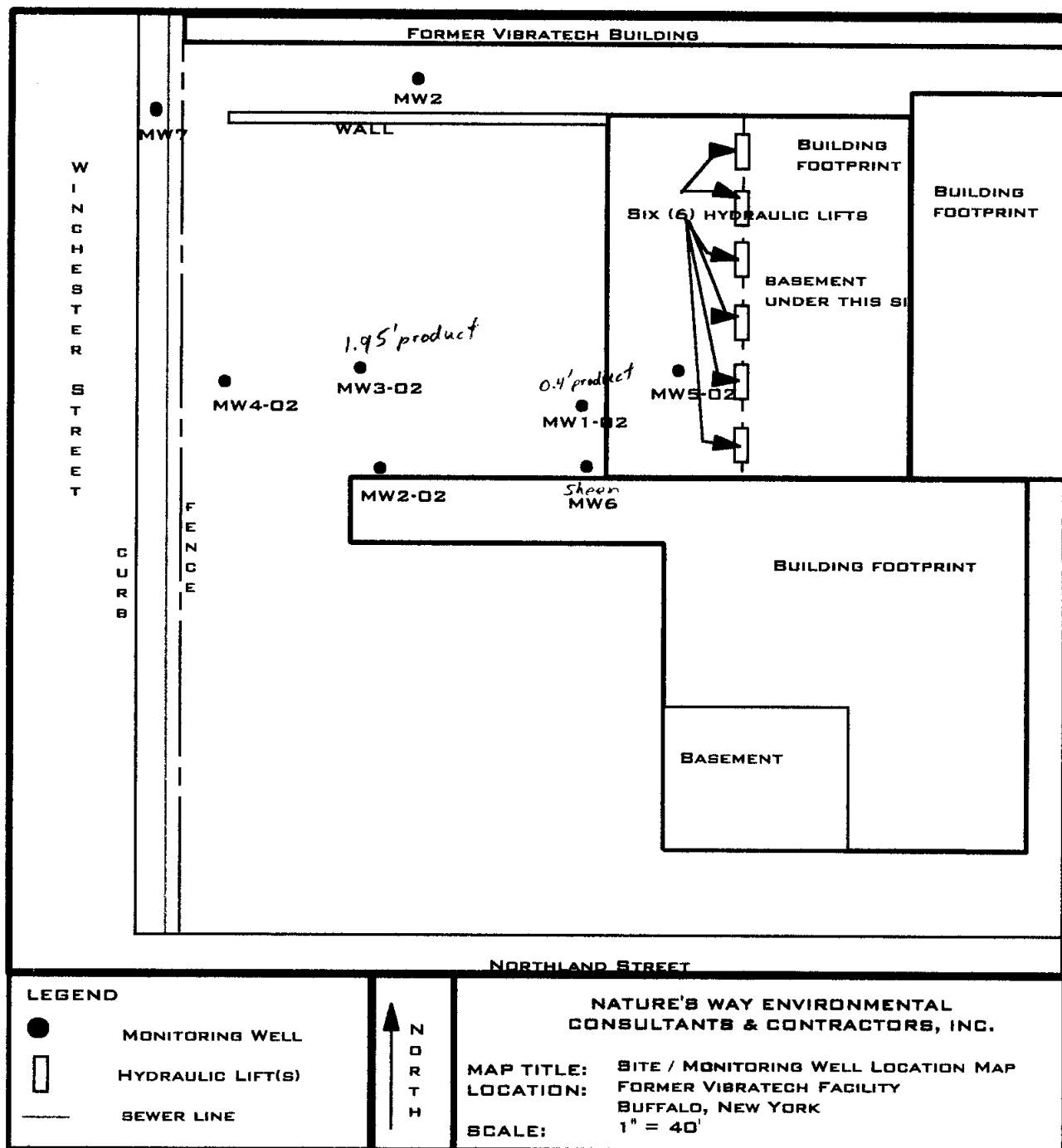
Former Vibratex Facility
537 East Delavan Ave
Buffalo, New York



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Attachment #2
Monitoring Well Location Map





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Attachment #3
Soil Boring/Monitoring Well Logs



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(315) 568-1664

DATE: 1/18/02

HOLE NUMBER: MW 1-02

TOC ELEVATION:

GROUND ELEVATION:

PROJECT

Subsurface Investigation and Monitoring Well Installation at

the Former Vibratex Facility, 537 East Delevan, Buffalo, New York

PREPARED FOR:

NYSDEC Region 9 - Spill #9710497

BORING LOCATION:

See Map

| SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION | OVM | Well | REMARKS |
|----|-----|----------|-------|-------|----|------|---|------|---|--|
| 0 | * | | | | | | Asphalt | 4 | | Asphalt to 0.1 foot |
| | | | | | | | Limestone gravel fill | 0.0 | Cement
Bentonite
Grout | over gravel fill to 1.0 foot over sandy fill to 3.8 feet over concrete to 4.5 feet over mixed silty and coarse silty soil fill to 6.5 feet over clayey lake sediment to 9.5 feet over silty glacial till to 11.5 feet over fractured limestone bedrock to 11.5 feet over Onondaga Limestone bedrock to end of coring |
| 1 | 16 | 5 | | | 11 | | Moist, black (SILTY-SAND) fill with very fine to fine size sand, little silt, loose | 0.0 | 2" Stainless
Steel Riser
Pipe | |
| 2 | 9 | | | | | | Concrete | 0.0 | Bentonite
Seal | |
| | | 50/4 | | | | | | | | |
| 3 | 13 | 8 | | | 14 | | Moist, mixed brown (CLAYEY-SILT) fill with little clay and dark gray (SANDY-SILT) fill with little very fine size sand, stiff to compact | 0.0 | | * Advanced 4 1/4 HSA through asphalt and fill to 1.0 foot |
| 4 | 3 | | | | | | Moist, reddish brown (CLAYEY-SILT) with some clay, stiff, thinly laminated | 0.0 | | ** Advanced 1 1/4 HSA through concrete 3.8 to 4.5 feet |
| | | 5 | | | 13 | | | | | |
| | | | 8 | | | | | | | |
| | | | | 9 | | | | | | |
| 5 | 8 | | | | | | | | 2" 20 Slot
Stainless
Steel Screen | |
| | | 7 | | | 14 | | Extremely moist, brown, gravelly (CLAYEY-SILT) with 15 to 25% gravel, little clay, compact, massive soil structure | 0.0 | | |
| | | | | 5 | | | | | | |
| 6 | 9 | | | | | | Fractured Limestone Bedrock | 11.5 | | Lost Water Returns at 12.5 feet BGS |
| | | 32 #1 | | | | | Onondaga Limestone bedrock, gray, very hard, thin to medium bedded 2 to 6 inches thick, noticed fracture zone from 12.5 to 13.0 feet (lost water) noticed oil sheen and petroleum odor in this zone | 12.5 | | 1 Well encountered while coring from 14.5 to 17.5 feet BGS |
| | | RUN 50/3 | | | | | | | Well
Installation
Completed at
15.5 feet | |
| | | | | | | | Coring Completed at 16.8 feet | | | CORE DATA
RUN Int Len Rec Rec ROD
= (ft) (in) (ft) (in) (ft)
1 11.8
to 50 50 100 94.9
10.8 |

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1771 AUBURN ROAD

• CRITTENDEN, NEW YORK 14038

• SENECA FALLS, NEW YORK 13148

• FAX (716) 937-9360

• FAX (315) 568-9179



(716) 937-6527

(315) 568-1664

HOLE NUMBER: MW 2-02

TOC ELEVATION:

GROUND ELEVATION:

PROJECT

Subsurface Investigation and Monitoring Well Installation at

the Former Vibratex Facility, 537 East Delevan, Buffalo, New York

PREPARED FOR:

NYSDEC Region 9 - Spill #9710497

BORING LOCATION:

See Map

LOGGED BY

PAGE OF

• F.V. (215) 568 9179

DATE: 1/21/02

HOLE NUMBER: MW 3-02

GROUND ELEVATION: _____

PROJECT

Subsurface Investigation and Monitoring Well Installation at

the Former Vibratex Facility, 537 East Delevan, Buffalo, New York

PREPARED FOR:

NYSDEC Region 9 - Spill #9710497

BORING LOCATION:

See Map

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Q5



SENECA FALLS
(315) 568-1664

GROUND ELEVATION

the Former Vibratex Facility, 537 East Delevan, Buffalo, New York

BORING LOCATION: _____ See Map

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ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN

(716) 937-6527

SENECA FALLS

(315) 568-1664

DATE: 1/22/02

HOLE NUMBER: MW 5-02

TOC ELEVATION:

GROUND ELEVATION:

PROJECT

Subsurface Investigation and Monitoring Well Installation at

the Former Vibratex Facility, 537 East Delevan, Buffalo, New York

PREPARED FOR:

NYSDEC Region 9 - Spill #9710497

BORING LOCATION:

See Map

| SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION | OVM | Well | REMARKS |
|-----|-----|------|-------|-------|---|------|--|------|------|---|
| 0 | * | | | | | | Concrete floor | 0.7 | 0.0 | Concrete to 0.7 foot over sandy fill with little silt to 3.5 feet over concrete to 4.0 feet over silty fill with trace gravel to 7.5 feet over loamy glacial till to 11.3 feet over Onondaga limestone bedrock to end of coring |
| 1 | ↑ | | | | | | Moist, black (SILTY-SAND) fill with very fine size sand, little silt | 3.5 | | |
| 2 | ↑ | | | | | | Concrete | 4.0 | 0.0 | Sample 1 (0.8 to 3.5'), 2 (4.0 to 8.0'), and 3 (8.0 to 11.3') were auger debris |
| 3 | ↑ | | | | | | Moist, grayish brown and brown (CLAYEY-SILT) fill with 5 to 10% gravel, little clay | 7.5 | | |
| 4 | × | | | | | | Extremely moist, brown, gravelly (SAND-SILT-CLAY) with 15 to 25% gravel, little clay and very fine size sand, massive soil structure | 11.3 | | |
| 5 | | | | | | | Onondaga Limestone bedrock, gray, very hard, very thin to thinly bedded 1 to 5 inches thick, noticed fracture zone from 14.5 to 15.0 feet with slight chemical type odor | 16.3 | | |
| 6 | | | | | | | Coring Completed at 16.3 feet | | | |
| 7 | | | | | | | | | | |
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CRITTENDEN, NEW YORK 14038

SENECA FALLS, NEW YORK 13148

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FAX (315) 568-9179



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CRITTENDEN

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SENECA FALLS

(315) 568-1664

Attachment #4
Well Development Sheet and System Table



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

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SENECA FALLS
(315) 568-1664

Vibratech
Buffalo, New York
NYSDEC Region 9
Spill# 9710497

*MW 3-02
1.75' product*

0.4' product

Well Development Sheet

| | MW 1-02 | MW 2-02 | MW 3-02 | MW 4-02 | MW 5-02 | MW 2 | MW 6 | MW 7 |
|-------------------|---------|---------|---------|---------|---------|-------|---------|---------|
| Total Depth | 15.5 | 11.9 | 12.5 | 9.5 | 15.7 | 9.4 | 15.7 | 8.10 |
| Product Level | 11.4 | - | 8.0 | - | - | - | sheen | - |
| Water Level | 11.8 | 8.48 | 9.95 | 5.82 | 11.24 | 4.61 | 11.89 | 7.09 |
| Conversion Factor | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| Well Volume | .063 | 0.58 | 0.6 | 0.63 | 0.76 | 0.81 | 0.65 | 0.17 |
| Total Removed | 4 gal | 4 gal | - | 5 gal | 3 gal | 4 gal | 3.3 gal | 0.5 gal |

All measurements taken from North Rim of Stainless Steel Well Riser

| | |
|---------|--|
| MW 1-02 | Oil on water (brown to dark brown, thick) water is cloudy brown |
| MW 2-02 | Cloudy brown, very slight sheen |
| MW 3-02 | Oil on top of water (thick, viscous, brown) water is cloudy brown |
| MW 4-02 | Cloudy gray, clearing approximately at the 3 rd well volume, very thin oil sheen |
| MW 5-02 | Water Cloudy brown, after removing 2 well volumes, (1.5 gallons) recharge is slow - bailed dry 3 times before sampling |
| MW 2 | No sheen, well recharges easily, water clean with some floaters |
| MW 6 | Slight yellowish brown oil sheen, water is clear, well recharges slow but steady |
| MW 7 | Silty brown, only 1.0 foot over water in well, no sheen, bailed dry 3 times before sampling |

Sampled by DMG and SG on 01/23/02



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(315) 568-1664

Attachment #5
Soil Analytical Results
EPA Method 8260 & 8270 Table and Lab. Reports



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(315) 568-1664

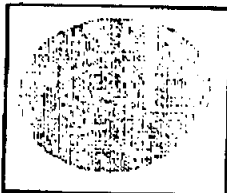
537 East Delavan
Buffalo, NY
Erie County
NYSDEC - Region 9
Spill #9710497
Pin #H80271

EPA 8270 GC/MS
Soil Analytical Results mg/Kg ppm

| Sample # / Descriptor (right) | Sample #4 MW3-02 | Sample #6 MW1-02 |
|-------------------------------|------------------|------------------|
| Naphthalene | - | - |
| Acenaphthylene | - | - |
| Acenaphthene | - | - |
| Fluorene | - | - |
| Phenanthrene | - | - |
| Anthracene | - | - |
| Fluoranthene | - | - |
| Pyrene | - | - |
| Benzo(a)anthracene | - | - |
| Chrysene | - | - |
| Benzo(b)fluoranthene | - | - |
| Benzo(k)fluoranthene | - | - |
| Benzo(a)pyrene | - | - |
| Indeno(1,2,3-c,d)pyrene | - | - |
| Dibenz(a,h)anthracene | - | - |
| Benzo(g,h,i)perylene | - | - |

- = Below Laboratory Detection Limits

Sampled By: Dale M. Gramza
Date Sampled: 1/21/02
8270 GC/MS



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=mg/Kg ppm

*See Individual Limit

Results shown are: **PAH Compounds**

Extraction Method: **EPA 3550 Sonication**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

| | |
|--------------------|-------|
| 48843 | |
| MW 1-02 SAMPLE # 6 | |
| (10.5 TO 11.8) | |
| SOIL | |
| DALE GRAMZA | |
| 01/21/02 | 00:00 |
| 01/28/02 | 03:30 |
| 01/31/02 | |
| 01/31/02 | |

Naphthalene
 Acenaphthylene
 Acenaphthene
 Fluorene
 Phenanthrene
 Anthracene
 Fluoranthene
 Pyrene
 Benzo(a)anthracene
 Chrysene
 Benzo(b)fluoranthene
 Benzo(k)fluoranthene
 Benzo(a)pyrene
 Indeno(1,2,3-c,d)pyrene
 Dibenzo(a,h)anthracene
 Benzo(g,h,i)perylene

| Results | Det Limit* |
|---------|------------|
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=mg/Kg ppm

*See Individual Limit

Results shown are: **PAH Compounds**

Extraction Method: **EPA 3550 Sonication**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

| | |
|--------------------|-------|
| 48844 | |
| MW 3-02 SAMPLE # 4 | |
| (7.0 TO 9.0) | |
| SOIL | |
| DALE GRAMZA | |
| 01/22/02 | 00:00 |
| 01/28/02 | 03:30 |
| 01/31/02 | |
| 01/31/02 | |

Naphthalene
 Acenaphthylene
 Acenaphthene
 Fluorene
 Phenanthrene
 Anthracene
 Fluoranthene
 Pyrene
 Benzo(a)anthracene
 Chrysene
 Benzo(b)fluoranthene
 Benzo(k)fluoranthene
 Benzo(a)pyrene
 Indeno(1,2,3-c,d)pyrene
 Dibenz(a,h)anthracene
 Benzo(g,h,i)perylene

| Results | Det Limit* |
|---------|------------|
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |
| < DL(U) | 0.167 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM

537 East Delavan
 Buffalo, NY
 Erie County
 NYSDEC - Region 9
 Spill #9710497
 Pin #H80271

EPA 8260 GC/MS
 Soil Analytical Results ug/kg ppb

| Sample # / Descriptor (right) | Sample #4 MW3-02 | Sample #6 MW1-02 | Sample # / Descriptor (right) | Sample #4 MW3-02 | Sample #6 MW1-02 |
|-------------------------------|------------------|------------------|-------------------------------|------------------|------------------|
| Dichlorodifluoromethane | - | - | 1,1,2-Trichloroethane | - | - |
| Vinyl Chloride | - | - | Tetrachloroethene | - | - |
| Chloromethane | - | - | 1,3-Dichloropropane | - | - |
| Bromomethane | - | - | 2-Hexanone | - | - |
| Chloroethane | - | - | Dibromochloromethane | - | - |
| Trichlorofluoromethane | - | - | 1,2-Dibromoethane | - | - |
| 1,1-Dichloroethene | - | - | Ethylbenzene | - | - |
| Acetone | - | - | m&p-Xylene | - | - |
| Methylene Chloride | - | - | o-Xylene | - | - |
| trans-1,2-Dichloroethene | - | - | Styrene | - | - |
| Methyl-tert-butyl ether | - | - | Isopropylbenzene | - | - |
| 1,1-Dichloroethane | - | - | n-Propylbenzene | - | - |
| 2,2-Dichloropropane | - | - | 1,3,5-Trimethylbenzene | - | - |
| cis-1,2-Dichloroethene | - | - | tert-Butylbenzene | - | - |
| Methyl ethyl ketone | - | - | 1,2,4-Trimethylbenzene | - | - |
| Bromochloromethane | - | - | sec-Butylbenzene | - | - |
| Chloroform | - | - | Chlorobenzene | - | - |
| 1,1,1-Trichloroethane | - | - | 1,1,1,2-Tetrachloroethane | - | - |
| 1,1-Dichloropropene | - | - | Bromobenzene | - | - |
| Carbon Tetrachloride | - | - | 1,2,3-Trichloropropane | - | - |
| 1,2-Dichloroethane | - | - | 2-Chlorotoluene | - | - |
| Trichloroethene | - | - | 4-Chlorotoluene | - | - |
| 1,2-Dichloropropane | - | - | 1,3-Dichlorobenzene | - | - |
| Dibromomethane | - | - | 4-Isopropyltoluene | - | - |
| Bromoform | - | - | 1,4-Dichlorobenzene | - | - |
| Bromodichloromethane | - | - | 1,2-Dichlorobenzene | - | - |
| 1,1,2,2-Tetrachloroethane | - | - | n-Butylbenzene | - | - |
| Benzene | - | - | 1,2-Dibromo-3-chloropropane | - | - |
| cis-1,3-Dichloropropene | - | - | 1,2,4-Trichlorobenzene | - | - |
| 4-Methyl-2-pentanone | - | - | Hexachlorobutadiene | - | - |
| Toluene | - | - | Naphthalene | - | - |
| trans-1,3-Dichloropropene | - | - | 1,2,3-Trichlorobenzene | - | - |

- = Below Laboratory Detection Limits

Sampled By: Dale M. Gramza
 Date Sampled: 1/21/02
 8270 GC/MS



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 SENECA FALLS
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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*Sec Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

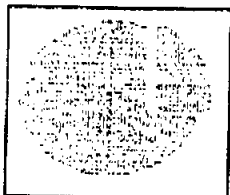
| | |
|--------------------|-------|
| 48843 | |
| MW 1-02 SAMPLE # 6 | |
| (10.5 TO 11.8) | |
| SOIL | |
| DALE GRAMZA | |
| 01/21/02 | |
| 01/28/02 | 03:30 |
| 01/31/02 | |
| 02/01/02 | |

Dichlorodifluoromethane
 Vinyl Chloride
 Chloromethane
 Bromomethane
 Chloroethane
 Trichlorofluoromethane
 1,1-Dichloroethene
 Acetone
 Methylene Chloride
 trans-1,2-Dichloroethene
 Methyl-tert-butyl ether
 1,1-Dichloroethane
 2,2-Dichloropropane
 cis-1,2-Dichloroethene
 Methyl ethyl ketone
 Bromochloromethane
 Chloroform
 1,1,1-Trichloroethane

| Results | Det Limit* | |
|---------|------------|---------------------------|
| <DL(U) | 4.0 | 1,1-Dichloropropene |
| <DL(U) | 4.0 | Carbon Tetrachloride |
| <DL(U) | 4.0 | 1,2-Dichloroethane |
| <DL(U) | 4.0 | Trichloroethene |
| <DL(U) | 4.0 | 1,2-Dichloropropane |
| <DL(U) | 4.0 | Dibromomethane |
| <DL(U) | 4.0 | Bromoform |
| <DL(U) | 20.0 | Bromodichloromethane |
| <DL(U) | 20.0 | 1,1,2,2-Tetrachloroethane |
| <DL(U) | 4.0 | Benzene |
| <DL(U) | 4.0 | cis-1,3-Dichloropropene |
| <DL(U) | 4.0 | 4-Methyl-2-pentanone |
| <DL(U) | 4.0 | Toluene |
| <DL(U) | 4.0 | trans-1,3-Dichloropropene |
| <DL(U) | 4.0 | 1,1,2-Trichloroethane |
| <DL(U) | 4.0 | Tetrachloroethene |
| <DL(U) | 4.0 | 1,3-Dichloropropane |
| <DL(U) | 4.0 | 2-Hexanone |

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| | |
|--------------------|-------|
| 48843 | |
| MW 1-02 SAMPLE # 6 | |
| (10.5 TO 11.8) | |
| SOIL | |
| DALE GRAMZA | |
| 01/21/02 | |
| 01/28/02 | 03:30 |
| 01/31/02 | |
| 02/01/02 | |

Dibromochloromethane
 1,2-Dibromoethane
 Ethylbenzene
 m&p-Xylene
 o-Xylene
 Styrene
 Isopropylbenzene
 n-Propylbenzene
 1,3,5-Trimethylbenzene
 Tert-Butylbenzene
 1,2,4-Trimethylbenzene
 sec-Butylbenzene
 Chlorobenzene
 1,1,1,2-Tetrachloroethane
 Bromobenzene
 1,2,3-Trichloropropane
 2-Chlorotoluene
 1-Chlorotoluene

| Results | Det Limit* | |
|---------|------------|-----------------------------|
| <DL(U) | 4.0 | 1,3-Dichlorobenzene |
| <DL(U) | 4.0 | 4-Isopropyltoluene |
| <DL(U) | 4.0 | 1,4-Dichlorobenzene |
| <DL(U) | 8.0 | 1,2-Dichlorobenzene |
| <DL(U) | 4.0 | n-Butylbenzene |
| <DL(U) | 4.0 | 1,2-Dibromo-3-chloropropane |
| <DL(U) | 4.0 | 1,2,4-Trichlorobenzene |
| <DL(U) | 4.0 | Hexachlorobutadiene |
| <DL(U) | 4.0 | Naphthalene |
| <DL(U) | 4.0 | 1,2,3-Trichlorobenzene |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 10.0 |
| <DL(U) | 4.0 |

< DL(U)= analyzed but not detected

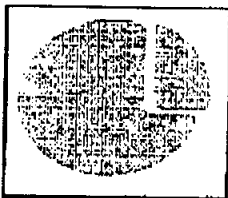
L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

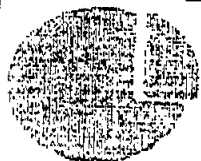
| | |
|--------------------|-------|
| 48844 | |
| MW 3-02 SAMPLE # 4 | |
| (7.0 TO 9.0) | |
| SOIL | |
| DALE GRAMZA | |
| 01/22/02 | |
| 01/28/02 | 03:30 |
| 01/31/02 | |
| 02/01/02 | |

Dichlorodifluoromethane
 Vinyl Chloride
 Chloromethane
 Bromomethane
 Chloroethane
 Trichlorofluoromethane
 1,1-Dichloroethene
 Acetone
 Methylene Chloride
 trans-1,2-Dichloroethene
 Methyl-tert-butyl ether
 1,1-Dichloroethane
 2,2-Dichloropropane
 cis-1,2-Dichloroethene
 Methyl ethyl ketone
 Bromochloromethane
 Chloroform
 1,1,1-Trichloroethane

| Results | Det Limit* | |
|---------|------------|---------------------------|
| <DL(U) | 4.0 | 1,1-Dichloropropene |
| <DL(U) | 4.0 | Carbon Tetrachloride |
| <DL(U) | 4.0 | 1,2-Dichloroethane |
| <DL(U) | 4.0 | Trichloroethene |
| <DL(U) | 4.0 | 1,2-Dichloropropane |
| <DL(U) | 4.0 | Dibromomethane |
| <DL(U) | 4.0 | Bromoform |
| <DL(U) | 20.0 | Bromodichloromethane |
| <DL(U) | 20.0 | 1,1,2,2-Tetrachloroethane |
| <DL(U) | 4.0 | Benzene |
| <DL(U) | 4.0 | cis-1,3-Dichloropropene |
| <DL(U) | 4.0 | 4-Methyl-2-pentanone |
| <DL(U) | 4.0 | Toluene |
| <DL(U) | 4.0 | trans-1,3-Dichloropropene |
| <DL(U) | 4.0 | 1,1,2-Trichloroethane |
| <DL(U) | 4.0 | Tetrachloroethene |
| <DL(U) | 4.0 | 1,3-Dichloropropane |
| <DL(U) | 4.0 | 2-Hexanone |

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |

* DL = Detection Limit



Lozier Analytical Group

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
Attn: **FRANCINE GALLEGO**

Phone **851-7220**
FAX **851-7252**

PO Number: **SPILL # 9710497**
Project Number **PIN # H80271**
Project Cust:
Project Site: **VIBRATECH BUFFALO**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)
Sample ID#1(CUST)
Sample ID#2(CUST)
Matrix
Sampled By
Date Sampled
Date Received
Date Analyzed
Date Reported

| |
|--------------------|
| 48844 |
| MW 3-02 SAMPLE # 4 |
| (7.0 TO 9.0) |
| SOIL |
| DALE GRAMZA |
| 01/22/02 |
| 01/28/02 03:30 |
| 01/31/02 |
| 02/01/02 |

Results Det Limit*

| | | |
|--------|-----|-----------------------------|
| <DL(U) | 4.0 | 1,3-Dichlorobenzene |
| <DL(U) | 4.0 | 4-Isopropyltoluene |
| <DL(U) | 4.0 | 1,4-Dichlorobenzene |
| <DL(U) | 8.0 | 1,2-Dichlorobenzene |
| <DL(U) | 4.0 | n-Butylbenzene |
| <DL(U) | 4.0 | 1,2-Dibromo-3-chloropropane |
| <DL(U) | 4.0 | 1,2,4-Trichlorobenzene |
| <DL(U) | 4.0 | Hexachlorobutadiene |
| <DL(U) | 4.0 | Naphthalene |
| <DL(U) | 4.0 | 1,2,3-Trichlorobenzene |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |

| | |
|---------|------------|
| Results | Det Limit* |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 10.0 |
| <DL(U) | 4.0 |

Dibromochloromethane
1,2-Dibromoethane
Ethylbenzene
m&p-Xylene
o-Xylene
Styrene
Isopropylbenzene
n-Propylbenzene
1,3,5-Trimethylbenzene
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
Chlorobenzene
1,1,1,2-Tetrachloroethane
Bromobenzene
1,2,3-Trichloropropane
2-Chlorotoluene
4-Chlorotoluene

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

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SENECA FALLS
(315) 568-1664

Attachment #6 .
Monitoring Well Gauging Information Table
and Groundwater Flow Map (1/23/02)



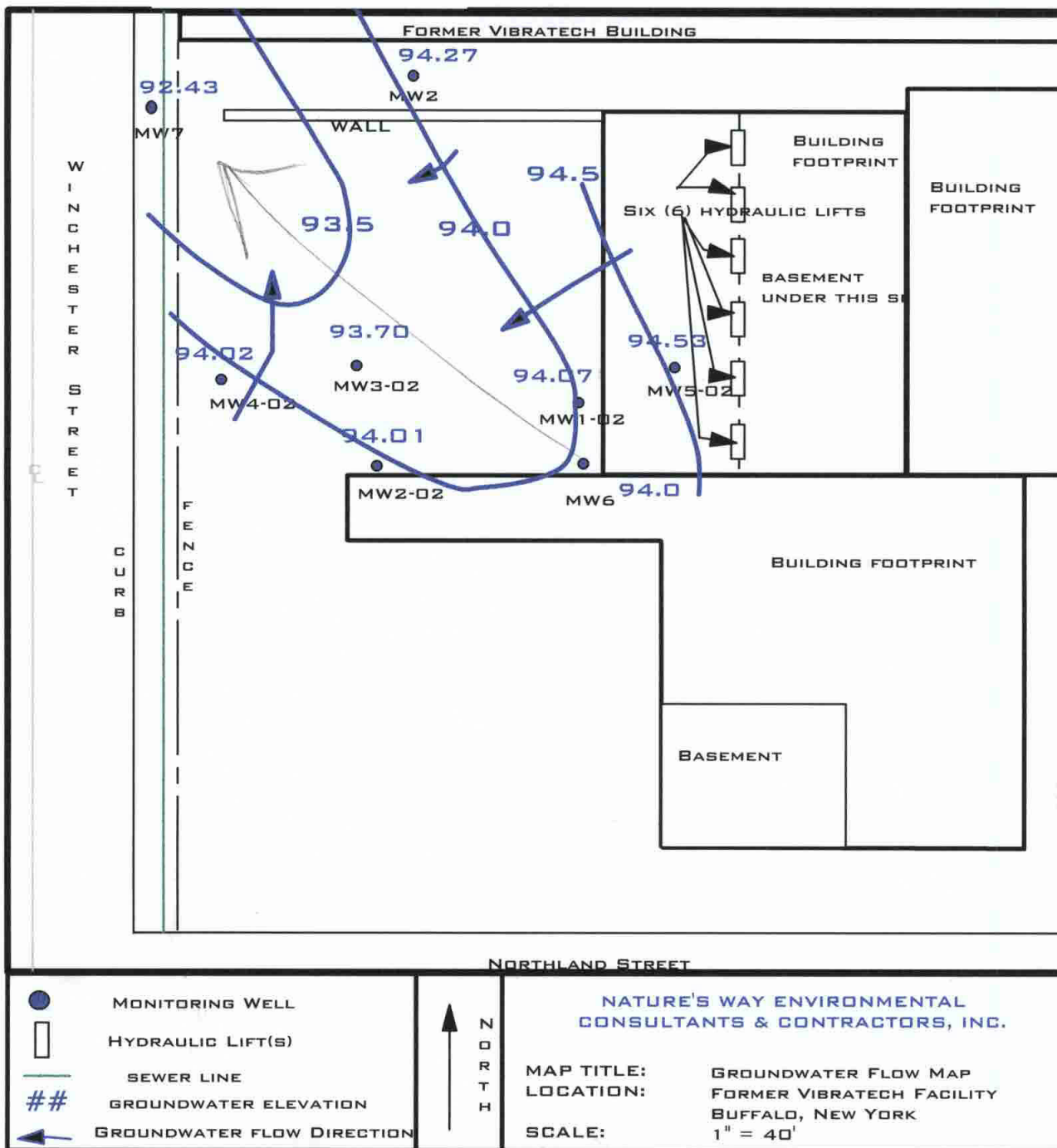
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527
SENECA FALLS
(315) 568-1664

Vibratech
Buffalo, New York
NYSDEC Region 9
Spill # 9710497

Groundwater Elevation Table

| | Elevation | Water
Level | Water
Elevation |
|---------|-----------|----------------|--------------------|
| | 100.00 | | |
| MW 1-02 | 105.55 | 11.48 | 94.07 |
| MW 2-02 | 102.49 | 8.48 | 94.01 |
| MW 3-02 | 102.09 | 8.39 | 93.70 |
| MW 4-02 | 99.84 | 5.82 | 94.02 |
| MW 5-02 | 105.77 | 11.24 | 94.53 |
| MW 2 | 98.88 | 4.61 | 94.27 |
| MW 6 | 105.89 | 11.89 | 94.00 |
| MW 7 | 99.52 | 7.09 | 94.27 |





ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

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SENECA FALLS
(315) 568-1664

Attachment #7
Groundwater Analytical Results
Method 8260 Table and Lab. Results
and 8270 Lab Report



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

537 East Delavan
Buffalo, NY
Erie County
NYSDEC - Region 9
Spill #9710497
Pin #H80271
EPA 5030 Purge & Trap

CRITTENDEN
(716) 937-6527
SENECA FALLS
(315) 568-1664

EPA 8260 GC/MS Water Analytical Results ug/L ppb

| Sample ID (right) | MW 1-02 | MW 2-02 | MW 3-02 | MW 4-02 | MW 5-02 | Existing
MW 2 | Existing
MW 6 | Existing
MW 7 | TOG
GV's |
|---------------------------|---------|---------|---------|---------|---------|------------------|------------------|------------------|-------------|
| Dichlorodifluoromethane | - | - | - | - | - | - | - | - | |
| Vinyl Chloride | - | - | - | 14.3 | - | 33.9 | - | - | 0.3 |
| Chloromethane | - | - | - | - | - | - | - | - | |
| Bromomethane | - | - | - | - | - | - | - | - | |
| Chloroethane | - | - | - | - | - | - | - | - | |
| Trichlorofluoromethane | - | - | - | - | - | 22.0 | - | - | 5.0 |
| 1,1-Dichloroethene | - | - | - | - | - | - | - | - | |
| Acetone | - | - | - | - | - | - | - | - | |
| Methylene Chloride | - | - | - | - | - | - | - | - | |
| trans-1,2-Dichloroethene | - | - | - | - | - | - | - | - | |
| Methyl-tert-butyl ether | - | - | - | - | - | - | - | - | |
| 1,1-Dichloroethane | 27.1 | - | 45.3 | 95.7 | - | 181.9 | - | - | 5.0 |
| 2,2-Dichloropropane | - | - | - | - | - | - | - | - | |
| cis-1,2-Dichloroethene | 43.0 | - | 37.6 | 28.5 | - | 195.5 | 10.3 | - | 5.0 |
| Methyl ethyl ketone | - | - | - | - | - | - | - | - | |
| Bromochloromethane | - | - | - | - | - | - | - | - | |
| Chloroform | - | - | - | - | - | - | - | - | |
| 1,1,1-Trichloroethane | - | - | - | - | - | - | - | - | |
| 1,1-Dichloropropene | - | - | - | - | - | 23.7 | - | - | 5.0 |
| Carbon Tetrachloride | - | - | - | - | - | - | - | - | |
| 1,2-Dichloroethane | - | - | - | - | - | - | - | - | |
| Trichloroethene | - | - | - | - | - | - | - | - | |
| 1,2-Dichloropropane | - | - | - | - | - | - | - | - | |
| Dibromomethane | - | - | - | - | - | - | - | - | |
| Bromoform | - | - | - | - | - | - | - | - | |
| Bromodichloromethane | - | - | - | - | - | - | - | - | |
| 1,1,2,2-Tetrachloroethane | - | - | - | - | - | - | - | - | |
| Benzene | - | - | - | - | - | - | - | - | |
| cis-1,3-Dichloropropene | - | - | - | - | - | - | - | - | |
| 4-Methyl-2-pentanone | - | - | - | - | - | - | - | - | |
| Toluene | 41.6 | - | - | - | - | - | - | - | |
| trans-1,3-Dichloropropene | - | - | - | - | - | - | - | - | 5.0 |
| 1,1,2-Trichloroethane | - | - | - | - | - | - | - | - | |
| Tetrachloroethene | - | - | - | - | - | - | - | - | |
| 1,3-Dichloropropane | - | - | - | - | - | - | - | - | |
| 2-Hexanone | - | - | - | - | - | - | - | - | |

- = Below Laboratory Detection Limits

(Results continued on next page)

Sampled by: Dale M. Gramza
Date sampled: 1/23/02
EPA 8260 GC/MS

**ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.**

537 East Delavan
Buffalo, NY
Erie County
NYSDEC - Region 9
Spill #9710497
Pin #H80271
EPA 5030 Purge & Trap

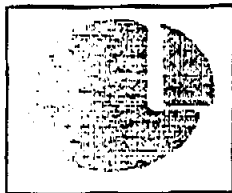
CRITTENDEN
(716) 937-6527
SENECA FALLS
(315) 568-1664

EPA 8260 GC/MS (con't)
Water Analytical Results ug/L ppb

| Sample ID (right) | MW 1-02 | MW 2-02 | MW 3-02 | MW 4-02 | MW 5-02 | Existing
MW 2 | Existing
MW 6 | Existing
MW 7 | TOG
GV's |
|-----------------------------|---------|---------|---------|---------|---------|------------------|------------------|------------------|-------------|
| Dibromochloromethane | - | - | - | - | - | - | - | - | |
| 1,2-Dibromoethane | - | - | - | - | - | - | - | - | |
| Ethylbenzene | - | - | - | - | - | - | - | - | |
| m&p-Xylene | - | - | - | - | - | - | - | - | |
| o-Xylene | - | - | - | - | - | - | - | - | |
| Styrene | - | - | - | - | - | - | - | - | |
| Isopropylbenzene | - | - | - | - | - | - | - | - | |
| n-Propylbenzene | - | - | - | - | - | - | - | - | |
| 1,3,5-Trimethylbenzene | - | - | - | - | - | - | - | - | |
| tert-Butylbenzene | - | - | - | - | - | - | - | - | |
| 1,2,4-Trimethylbenzene | - | - | - | - | 4.7 | - | - | - | 5.0 |
| sec-Butylbenzene | - | - | - | - | 4.4 | - | - | - | 5.0 |
| Chlorobenzene | - | - | - | - | - | - | - | - | |
| 1,1,1,2-Tetrachloroethane | - | - | - | - | - | - | - | - | |
| Bromobenzene | - | - | - | - | - | - | - | - | |
| 1,2,3-Trichloropropane | - | - | - | - | - | - | - | - | |
| 2-Chlorotoluene | - | - | - | - | - | - | - | - | |
| 4-Chlorotoluene | - | - | - | - | - | - | - | - | |
| 1,3-Dichlorobenzene | - | - | - | - | - | - | - | - | |
| 4-Isopropyltoluene | - | - | - | - | - | - | - | - | |
| 1,4-Dichlorobenzene | - | - | - | - | - | - | - | - | |
| 1,2-Dichlorobenzene | - | - | - | - | - | - | - | - | |
| n-Butylbenzene | - | - | - | - | - | - | - | - | |
| 1,2-Dibromo-3-chloropropane | - | - | - | - | - | - | - | - | |
| 1,2,4-Trichlorobenzene | - | - | - | - | - | - | - | - | |
| Hexachlorobutadiene | - | - | - | - | - | - | - | - | |
| Naphthalene | - | - | - | - | - | - | - | - | |
| 1,2,3-Trichlorobenzene | - | - | - | - | - | - | - | - | |

- = Below Laboratory Detection Limits

Sampled by: Dale M. Gramza
Date Sampled: 1/23/02
EPA 8260 GC/MS



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| | |
|-------------|-------|
| 48795 | |
| MW 1-02 | |
| | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | |
| 01/28/02 | 09:00 |
| 01/31/02 | |
| 02/01/02 | |

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| 27.1 | 4.0 |
| <DL(U) | 4.0 |
| 43.0 | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |

Dichlorodifluoromethane
 Vinyl Chloride
 Chloromethane
 Bromomethane
 Chloroethane
 Trichlorofluoromethane
 1,1-Dichloroethene
 Acetone
 Methylene Chloride
 trans-1,2-Dichloroethene
 Methyl-tert-butyl ether
 1,1-Dichloroethane
 2,2-Dichloropropane
 cis-1,2-Dichloroethene
 Methyl ethyl ketone
 Bromochloromethane
 Chloroform
 1,1,1-Trichloroethane

1,1-Dichloropropene
 Carbon Tetrachloride
 1,2-Dichloroethane
 Trichloroethene
 1,2-Dichloropropane
 Dibromomethane
 Bromoform
 Bromodichloromethane
 1,1,2,2-Tetrachloroethane
 Benzene
 cis-1,3-Dichloropropene
 4-Methyl-2-pentanone
 Toluene
 trans-1,3-Dichloropropene
 1,1,2-Trichloroethane
 Tetrachloroethene
 1,3-Dichloropropane
 2-Hexanone

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |

* DL = Detection Limit

Page 1



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48795

Sample ID#1(CUST)

MW 1-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

Results Det Limit*

Dibromochloromethane

<DL(U) 4.0

1,3-Dichlorobenzene

<DL(U) 4.0

1,2-Dibromoethane

<DL(U) 4.0

4-Isopropyltoluene

<DL(U) 4.0

Ethylbenzene

<DL(U) 4.0

1,4-Dichlorobenzene

<DL(U) 4.0

m&p-Xylene

<DL(U) 8.0

1,2-Dichlorobenzene

<DL(U) 4.0

o-Xylene

<DL(U) 4.0

n-Butylbenzene

<DL(U) 4.0

Styrene

<DL(U) 4.0

1,2-Dibromo-3-chloropropane

<DL(U) 4.0

Isopropylbenzene

<DL(U) 4.0

1,2,4-Trichlorobenzene

<DL(U) 4.0

n-Propylbenzene

<DL(U) 4.0

Hexachlorobutadiene

<DL(U) 4.0

1,3,5-Trimethylbenzene

<DL(U) 4.0

Naphthalene

<DL(U) 10.0

tert-Butylbenzene

<DL(U) 4.0

1,2,3-Trichlorobenzene

<DL(U) 4.0

1,2,4-Trimethylbenzene

<DL(U) 4.0

sec-Butylbenzene

<DL(U) 4.0

Chlorobenzene

<DL(U) 4.0

1,1,1,2-Tetrachloroethane

<DL(U) 4.0

Bromobenzene

<DL(U) 4.0

1,2,3-Trichloropropane

<DL(U) 4.0

2-Chlorotoluene

<DL(U) 4.0

4-Chlorotoluene

<DL(U) 4.0

< DL(U) = analyzed but not detected

L = estimated value

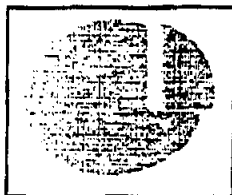
B = analyte found in blank

E = exceed calibration range

J = < pql but > MDL

* DL = Detection Limit

Page 2



Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEG0**

Phone 851-7220

FAX 851-7252

PO Number: SPILL # 9710497

Project Number PIN # H80271

Project Cust:

Project Site: VIBRATECH BUFFALO

Date FAXED:

Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)

48796

Sample ID#1(CUST)

MW 2-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Results Det Limit*

Dichlorodifluoromethane

<DL(U) 4.0 1,1-Dichloropropene

Vinyl Chloride

<DL(U) 4.0 Carbon Tetrachloride

Chloromethane

<DL(U) 4.0 1,2-Dichloroethane

Bromomethane

<DL(U) 4.0 Trichloroethene

Chloroethane

<DL(U) 4.0 1,2-Dichloropropane

Trichlorofluoromethane

<DL(U) 4.0 Dibromomethane

1,1-Dichloroethene

<DL(U) 4.0 Bromoform

Acetone

<DL(U) 20.0 Bromodichloromethane

Methylene Chloride

<DL(U) 20.0 1,1,2,2-Tetrachloroethane

trans-1,2-Dichloroethene

<DL(U) 4.0 Benzene

Methyl-tert-butyl ether

<DL(U) 4.0 cis-1,3-Dichloropropene

1,1-Dichloroethane

<DL(U) 4.0 4-Methyl-2-pentanone

2,2-Dichloropropane

<DL(U) 4.0 Toluene

cis-1,2-Dichloroethene

<DL(U) 4.0 trans-1,3-Dichloropropene

Methyl ethyl ketone

<DL(U) 4.0 1,1,2-Trichloroethane

Bromochloromethane

<DL(U) 4.0 Tetrachloroethene

Chloroform

<DL(U) 4.0 1,3-Dichloropropane

1,1,1-Trichloroethane

<DL(U) 4.0 2-Hexanone

Results Det Limit*

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

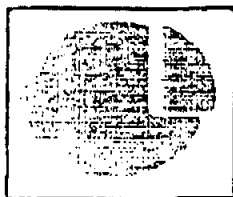
<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

* DL = Detection Limit

Page 1



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEG0**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

| | |
|---------------------------|---------------------------|
| Sample ID (LAB) | 48796 |
| Sample ID#1(CUST) | MW 2-02 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 02/01/02 |
| | Results Det Limit* |
| Dibromochloromethane | <DL(U) 4.0 |
| 1,2-Dibromoethane | <DL(U) 4.0 |
| Ethylbenzene | <DL(U) 4.0 |
| m&p-Xylene | <DL(U) 8.0 |
| o-Xylene | <DL(U) 4.0 |
| Styrene | <DL(U) 4.0 |
| Isopropylbenzene | <DL(U) 4.0 |
| n-Propylbenzene | <DL(U) 4.0 |
| 1,3,5-Trimethylbenzene | <DL(U) 4.0 |
| tert-Butylbenzene | <DL(U) 4.0 |
| 1,2,4-Trimethylbenzene | <DL(U) 4.0 |
| sec-Butylbenzene | <DL(U) 4.0 |
| Chlorobenzene | <DL(U) 4.0 |
| 1,1,1,2-Tetrachloroethane | <DL(U) 4.0 |
| Bromobenzene | <DL(U) 4.0 |
| 1,2,3-Trichloropropane | <DL(U) 4.0 |
| 2-Chlorotoluene | <DL(U) 4.0 |
| 1-Chlorotoluene | <DL(U) 4.0 |

| | |
|-----------------------------|---------------------------|
| | Results Det Limit* |
| 1,3-Dichlorobenzene | <DL(U) 4.0 |
| 4-Isopropyltoluene | <DL(U) 4.0 |
| 1,4-Dichlorobenzene | <DL(U) 4.0 |
| 1,2-Dichlorobenzene | <DL(U) 4.0 |
| n-Butylbenzene | <DL(U) 4.0 |
| 1,2-Dibromo-3-chloropropane | <DL(U) 4.0 |
| 1,2,4-Trichlorobenzene | <DL(U) 4.0 |
| Hexachlorobutadiene | <DL(U) 4.0 |
| Naphthalene | <DL(U) 10.0 |
| 1,2,3-Trichlorobenzene | <DL(U) 4.0 |

< DL(U)= analyzed but not detected

L= estimated value

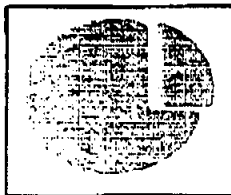
B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit

Page 2



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: VIBRATECH BUFFALO
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 5030 Purge & Trap

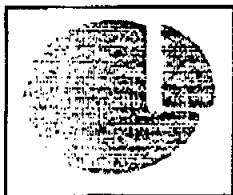
Analysis Method: EPA 8260 GC/MS

| | |
|-------------------|----------------|
| Sample ID (LAB) | 48797 |
| Sample ID#1(CUST) | MW 3-02 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 02/01/02 |

| | Results | Det Limit* | | Results | Det Limit* |
|--------------------------|---------|------------|---------------------------|---------|------------|
| Dichlorodifluoromethane | <DL(U) | 20.0 | 1,1-Dichloropropene | <DL(U) | 20.0 |
| Vinyl Chloride | <DL(U) | 20.0 | Carbon Tetrachloride | <DL(U) | 20.0 |
| Chloromethane | <DL(U) | 20.0 | 1,2-Dichloroethane | <DL(U) | 20.0 |
| Bromomethane | <DL(U) | 20.0 | Trichloroethene | <DL(U) | 20.0 |
| Chloroethane | <DL(U) | 20.0 | 1,2-Dichloropropane | <DL(U) | 20.0 |
| Trichlorofluoromethane | <DL(U) | 20.0 | Dibromomethane | <DL(U) | 20.0 |
| 1,1-Dichloroethene | <DL(U) | 20.0 | Bromoform | <DL(U) | 20.0 |
| Acetone | <DL(U) | 100.0 | Bromodichloromethane | <DL(U) | 20.0 |
| Methylene Chloride | <DL(U) | 100.0 | 1,1,2,2-Tetrachloroethane | <DL(U) | 20.0 |
| trans-1,2-Dichloroethene | <DL(U) | 20.0 | Benzene | <DL(U) | 20.0 |
| Methyl-tert-butyl ether | <DL(U) | 20.0 | cis-1,3-Dichloropropene | <DL(U) | 20.0 |
| 1,1-Dichloroethane | 45.3 | 20.0 | 4-Methyl-2-pentanone | <DL(U) | 20.0 |
| 1,2-Dichloropropane | <DL(U) | 20.0 | Toluene | <DL(U) | 20.0 |
| cis-1,2-Dichloroethene | 37.6 | 20.0 | trans-1,3-Dichloropropene | <DL(U) | 20.0 |
| Methyl ethyl ketone | <DL(U) | 20.0 | 1,1,2-Trichloroethane | <DL(U) | 20.0 |
| Bromochloromethane | <DL(U) | 20.0 | Tetrachloroethene | <DL(U) | 20.0 |
| Chloroform | <DL(U) | 20.0 | 1,3-Dichloropropane | <DL(U) | 20.0 |
| 1,1,1-Trichloroethane | <DL(U) | 20.0 | 2-Hexanone | <DL(U) | 20.0 |

DL = Detection Limit

Page 1



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LABORATORY REPORT - METHOD 8260

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 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEG0**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48797

Sample ID#1(CUST)

MW 3-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dibromochloromethane

<DL(U) 20.0

1,2-Dibromoethane

<DL(U) 20.0

Ethylbenzene

<DL(U) 20.0

m&p-Xylene

<DL(U) 40.0

o-Xylene

<DL(U) 20.0

Styrene

<DL(U) 20.0

Isopropylbenzene

<DL(U) 20.0

n-Propylbenzene

<DL(U) 20.0

1,3,5-Trimethylbenzene

<DL(U) 20.0

tert-Butylbenzene

<DL(U) 20.0

1,2,4-Trimethylbenzene

<DL(U) 20.0

sec-Butylbenzene

<DL(U) 20.0

Chlorobenzene

<DL(U) 20.0

1,1,1,2-Tetrachloroethane

<DL(U) 20.0

Bromobenzene

<DL(U) 20.0

1,2,3-Trichloropropane

<DL(U) 20.0

2-Chlorotoluene

<DL(U) 20.0

4-Chlorotoluene

<DL(U) 20.0

1,3-Dichlorobenzene

4-Isopropyltoluene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

n-Butylbenzene

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

Hexachlorobutadiene

Naphthalene

1,2,3-Trichlorobenzene

Results Det Limit*

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 20.0

<DL(U) 30.0

<DL(U) 20.0

<DL(U)= analyzed but not detected

L= estimated value

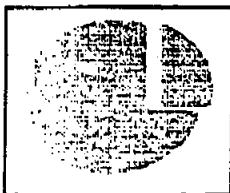
B=analyte found in blank

E=exceed calibration range

I= < pql but > MDL

* DL = Detection Limit

Page 2



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGRO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48798

Sample ID#1(CUST)

MW 4-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dichlorodifluoromethane

<DL(U) 8.0

Vinyl Chloride

14.3 8.0

Chloromethane

<DL(U) 8.0

Bromomethane

<DL(U) 8.0

Chloroethane

<DL(U) 8.0

Trichlorofluoromethane

<DL(U) 8.0

1,1-Dichloroethene

<DL(U) 8.0

Acetone

<DL(U) 40.0

Methylene Chloride

<DL(U) 40.0

trans-1,2-Dichloroethene

<DL(U) 8.0

Methyl-tert-butyl ether

<DL(U) 8.0

1,1-Dichloroethane

95.7 8.0

2,2-Dichloropropane

<DL(U) 8.0

cis-1,2-Dichloroethene

28.5 8.0

Methyl ethyl ketone

<DL(U) 8.0

Bromochloromethane

<DL(U) 8.0

Chloroform

<DL(U) 8.0

1,1,1-Trichloroethane

<DL(U) 8.0

1,1-Dichloropropene

Carbon Tetrachloride

1,2-Dichloroethane

Trichloroethene

1,2-Dichloropropane

Dibromomethane

Bromoform

Bromodichloromethane

1,1,2,2-Tetrachloroethane

Benzene

cis-1,3-Dichloropropene

4-Methyl-2-pentanone

Toluene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

Tetrachloroethene

1,3-Dichloropropane

2-Hexanone

Results Det Limit*

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

DL = Detection Limit

Page 1



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48798

Sample ID#1(CUST)

MW 4-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

*Dibromochloromethane

<DL(U) 8.0

1,3-Dichlorobenzene

<DL(U) 8.0

1,2-Dibromoethane

<DL(U) 8.0

4-Isopropyltoluene

<DL(U) 8.0

Ethylbenzene

<DL(U) 8.0

1,4-Dichlorobenzene

<DL(U) 8.0

m&p-Xylene

<DL(U) 16.0

1,2-Dichlorobenzene

<DL(U) 8.0

o-Xylene

<DL(U) 8.0

n-Butylbenzene

<DL(U) 8.0

Styrene

<DL(U) 8.0

1,2-Dibromo-3-chloropropane

<DL(U) 8.0

Isopropylbenzene

<DL(U) 8.0

1,2,4-Trichlorobenzene

<DL(U) 8.0

n-Propylbenzene

<DL(U) 8.0

Hexachlorobutadiene

<DL(U) 8.0

1,3,5-Trimethylbenzene

<DL(U) 8.0

Naphthalene

<DL(U) 20.0

tert-Butylbenzene

<DL(U) 8.0

1,2,3-Trichlorobenzene

<DL(U) 8.0

1,2,4-Trimethylbenzene

<DL(U) 8.0

sec-Butylbenzene

<DL(U) 8.0

Chlorobenzene

<DL(U) 8.0

1,1,1,2-Tetrachloroethane

<DL(U) 8.0

Bromobenzene

<DL(U) 8.0

1,2,3-Trichloropropane

<DL(U) 8.0

2-Chlorotoluene

<DL(U) 8.0

1-Chlorotoluene

<DL(U) 8.0

<DL(U)= analyzed but not detected

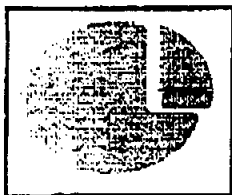
L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48799

Sample ID#1(CUST)

MW 5-02

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dichlorodifluoromethane

<DL(U) 4.0

Vinyl Chloride

<DL(U) 4.0

Chloromethane

<DL(U) 4.0

Bromomethane

<DL(U) 4.0

Chloroethane

<DL(U) 4.0

Trichlorofluoromethane

<DL(U) 4.0

1,1-Dichloroethene

<DL(U) 4.0

Acetone

<DL(U) 20.0

Methylene Chloride

<DL(U) 20.0

trans-1,2-Dichloroethene

<DL(U) 4.0

Methyl-tert-butyl ether

<DL(U) 4.0

1,1-Dichloroethane

<DL(U) 4.0

1,2-Dichloropropane

<DL(U) 4.0

cis-1,2-Dichloroethene

<DL(U) 4.0

Methyl ethyl ketone

<DL(U) 4.0

Bromochloromethane

<DL(U) 4.0

Chloroform

<DL(U) 4.0

1,1,1-Trichloroethane

<DL(U) 4.0

1,1-Dichloropropene

<DL(U) 4.0

Carbon Tetrachloride

<DL(U) 4.0

1,2-Dichloroethane

<DL(U) 4.0

Trichloroethene

<DL(U) 4.0

1,2-Dichloropropane

<DL(U) 4.0

Dibromomethane

<DL(U) 4.0

Bromoform

<DL(U) 4.0

Bromodichloromethane

<DL(U) 4.0

1,1,2,2-Tetrachloroethane

<DL(U) 4.0

Benzene

<DL(U) 4.0

cis-1,3-Dichloropropene

<DL(U) 4.0

4-Methyl-2-pentanone

<DL(U) 4.0

Toluene

<DL(U) 4.0

trans-1,3-Dichloropropene

<DL(U) 4.0

1,1,2-Trichloroethane

<DL(U) 4.0

Tetrachloroethene

<DL(U) 4.0

1,3-Dichloropropane

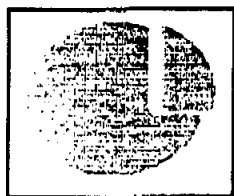
<DL(U) 4.0

2-Hexanone

<DL(U) 4.0

DL = Detection Limit

Page 1



Lozier Analytical Group

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

| | |
|-------------------|----------------|
| Sample ID (LAB) | 48799 |
| Sample ID#1(CUST) | MW 5-02 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 02/01/02 |

| | Results | Det Limit* | | Results | Det Limit* |
|---------------------------|---------|------------|-----------------------------|---------|------------|
| Dibromochloromethane | <DL(U) | 4.0 | 1,3-Dichlorobenzene | <DL(U) | 4.0 |
| 1,2-Dibromoethane | <DL(U) | 4.0 | 4-Isopropyltoluene | <DL(U) | 4.0 |
| Ethylbenzene | <DL(U) | 4.0 | 1,4-Dichlorobenzene | <DL(U) | 4.0 |
| m&p-Xylene | <DL(U) | 8.0 | 1,2-Dichlorobenzene | <DL(U) | 4.0 |
| o-Xylene | <DL(U) | 4.0 | n-Butylbenzene | <DL(U) | 4.0 |
| Styrene | <DL(U) | 4.0 | 1,2-Dibromo-3-chloropropane | <DL(U) | 4.0 |
| Isopropylbenzene | <DL(U) | 4.0 | 1,2,4-Trichlorobenzene | <DL(U) | 4.0 |
| n-Propylbenzene | <DL(U) | 4.0 | Hexachlorobutadiene | <DL(U) | 4.0 |
| 1,3,5-Trimethylbenzene | <DL(U) | 4.0 | Naphthalene | <DL(U) | 10.0 |
| tert-Butylbenzene | <DL(U) | 4.0 | 1,2,3-Trichlorobenzene | <DL(U) | 4.0 |
| 1,2,4-Trimethylbenzene | 4.7 | 4.0 | | | |
| sec-Butylbenzene | 4.4 | 4.0 | | | |
| Chlorobenzene | <DL(U) | 4.0 | | | |
| 1,1,1,2-Tetrachloroethane | <DL(U) | 4.0 | | | |
| Bromobenzene | <DL(U) | 4.0 | | | |
| 1,2,3-Trichloropropane | <DL(U) | 4.0 | | | |
| 2-Chlorotoluene | <DL(U) | 4.0 | | | |
| 4-Chlorotoluene | <DL(U) | 4.0 | | | |

<DL(U)= analyzed but not detected

L= estimated value

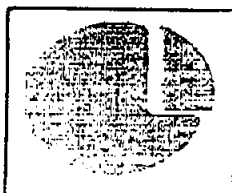
B=analyte found in blank

E=exceed calibration range

J= < ppl but > MDL

* DL = Detection Limit

Page 2



Lozier Analytical Group

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
Attn: **FRANCINE GALLEGO**

Phone 851-7220
FAX 851-7252

PO Number: SPILL # 9710497
Project Number PIN # H80271
Project Cust:
Project Site: **VIBRATECH BUFFALO**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

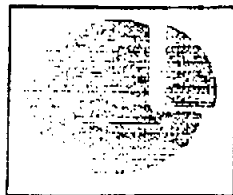
Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

| | |
|-------------------|----------------|
| Sample ID (LAB) | 48900 |
| Sample ID#1(CUST) | EXISTING MW 2 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 02/01/02 |

| | Results | Det Limit* | | Results | Det Limit* |
|--------------------------|---------|------------|---------------------------|---------|------------|
| Dichlorodifluoromethane | <DL(U) | 20.0 | 1,1-Dichloropropene | <DL(U) | 20.0 |
| Vinyl Chloride | 33.9 | 20.0 | Carbon Tetrachloride | <DL(U) | 20.0 |
| Chloromethane | <DL(U) | 20.0 | 1,2-Dichloroethane | <DL(U) | 20.0 |
| Bromomethane | <DL(U) | 20.0 | Trichloroethene | <DL(U) | 20.0 |
| Chloroethane | 22.0 | 20.0 | 1,2-Dichloropropane | <DL(U) | 20.0 |
| Trichlorofluoromethane | <DL(U) | 20.0 | Dibromomethane | <DL(U) | 20.0 |
| 1,1-Dichloroethene | <DL(U) | 20.0 | Bromoform | <DL(U) | 20.0 |
| Acetone | <DL(U) | 100.0 | Bromodichloromethane | <DL(U) | 20.0 |
| Methylene Chloride | <DL(U) | 100.0 | 1,1,2,2-Tetrachloroethane | <DL(U) | 20.0 |
| trans-1,2-Dichloroethene | <DL(U) | 20.0 | Benzene | <DL(U) | 20.0 |
| Methyl-tert-butyl ether | <DL(U) | 20.0 | cis-1,3-Dichloropropene | <DL(U) | 20.0 |
| 1,1-Dichloroethane | 181.9 | 20.0 | 4-Methyl-2-pentanone | <DL(U) | 20.0 |
| 2,2-Dichloropropane | <DL(U) | 20.0 | Toluene | <DL(U) | 20.0 |
| trans-1,2-Dichloroethene | 195.5 | 20.0 | trans-1,3-Dichloropropene | <DL(U) | 20.0 |
| Methyl ethyl ketone | <DL(U) | 20.0 | 1,1,2-Trichloroethane | <DL(U) | 20.0 |
| Bromochloromethane | <DL(U) | 20.0 | Tetrachloroethene | <DL(U) | 20.0 |
| Chloroform | <DL(U) | 20.0 | 1,3-Dichloropropane | <DL(U) | 20.0 |
| 1,1,1-Trichloroethane | 23.7 | 20.0 | 2-Hexanone | <DL(U) | 20.0 |

DL = Detection Limit



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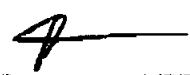
☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48800

Sample ID#1(CUST)

EXISTING MW 2

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dibromochloromethane

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 20.0 |

1,3-Dichlorobenzene

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 20.0 |

1,2-Dibromoethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

4-Isopropyltoluene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Ethylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,4-Dichlorobenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

m&p-Xylene

| | |
|--------|------|
| <DL(U) | 40.0 |
|--------|------|

1,2-Dichlorobenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

o-Xylene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

n-Butylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Styrene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,2-Dibromo-3-chloropropane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

isopropylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,2,4-Trichlorobenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

n-Propylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Hexachlorobutadiene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,3,5-Trimethylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Naphthalene

| | |
|--------|------|
| <DL(U) | 50.0 |
|--------|------|

tert-Butylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,2,3-Trichlorobenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,2,4-Trimethylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

sec-Butylbenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Chlorobenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,1,1,2-Tetrachloroethane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Bromobenzene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

1,2,3-Trichloropropane

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

2-Chlorotoluene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

4-Chlorotoluene

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

< DL(U)= analyzed but not detected

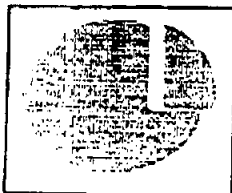
L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

DL = Detection Limit



Lozier Analytical Group

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGRO**

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48801

Sample ID#1(CUST)

EXISTING MW 6

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dichlorodifluoromethane

Results Det Limit*

<DL(U) 8.0

Vinyl Chloride

<DL(U) 8.0

Chloromethane

<DL(U) 8.0

Bromomethane

<DL(U) 8.0

Chloroethane

<DL(U) 8.0

Trichlorofluoromethane

<DL(U) 8.0

1,1-Dichloroethene

<DL(U) 8.0

Acetone

<DL(U) 40.0

Methylene Chloride

<DL(U) 40.0

trans-1,2-Dichloroethene

<DL(U) 8.0

Methyl-tert-butyl ether

<DL(U) 8.0

1,1-Dichloroethane

<DL(U) 8.0

2,2-Dichloropropane

<DL(U) 8.0

cis-1,2-Dichloroethene

10.3 8.0

Methyl ethyl ketone

<DL(U) 8.0

Bromochloromethane

<DL(U) 8.0

Chloroform

<DL(U) 8.0

1,1,1-Trichloroethane

<DL(U) 8.0

1,1-Dichloropropene

Carbon Tetrachloride

1,2-Dichloroethane

Trichloroethene

1,2-Dichloropropane

Dibromomethane

Bromoform

Bromodichloromethane

1,1,2,2-Tetrachloroethane

Benzene

cis-1,3-Dichloropropene

4-Methyl-2-pentanone

Toluene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

Tetrachloroethene

1,3-Dichloropropane

2-Hexanone

Results Det Limit*

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

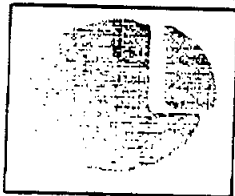
<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

<DL(U) 8.0

* DL = Detection Limit



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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)

48801

Sample ID#1(CUST)

EXISTING MW 6

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dibromochloromethane

Results Det Limit*

<DL(U) 8.0 1,3-Dichlorobenzene

1,2-Dibromoethane

<DL(U) 8.0 4-Isopropyltoluene

Ethylbenzene

<DL(U) 8.0 1,4-Dichlorobenzene

m&p-Xylene

<DL(U) 16.0 1,2-Dichlorobenzene

o-Xylene

<DL(U) 8.0 n-Butylbenzene

Styrene

<DL(U) 8.0 1,2-Dibromo-3-chloropropane

Isopropylbenzene

<DL(U) 8.0 1,2,4-Trichlorobenzene

n-Propylbenzene

<DL(U) 8.0 Hexachlorobutadiene

1,3,5-Trimethylbenzene

<DL(U) 8.0 Naphthalene

tert-Butylbenzene

<DL(U) 8.0 1,2,3-Trichlorobenzene

1,2,4-Trimethylbenzene

<DL(U) 8.0

sec-Butylbenzene

<DL(U) 8.0

Chlorobenzene

<DL(U) 8.0

1,1,1,2-Tetrachloroethane

<DL(U) 8.0

Bromobenzene

<DL(U) 8.0

1,2,3-Trichloropropane

<DL(U) 8.0

2-Chlorotoluene

<DL(U) 8.0

4-Chlorotoluene

<DL(U) 8.0

Results Det Limit*

| | |
|--------|------|
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 8.0 |
| <DL(U) | 20.0 |
| <DL(U) | 8.0 |

< DL(U)= analyzed but not detected

L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < pql but > MDL

* DL = Detection Limit



Lozier Analytical Group

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LABORATORY REPORT - METHOD 8260

Cust N.Y.S. DEC. REG. 9
 Address: 270 MICHIGAN AVE.
 BUFFALO, N.Y. 14203-2999
 Attn: FRANCINE GALLEGO

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: VIBRATECH BUFFALO
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)

48802

Sample ID#1(CUST)

EXISTING MW 7

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

02/01/02

Dichlorodifluoromethane

Results Det Limit*

<DL(U) 4.0

Vinyl Chloride

<DL(U) 4.0

Chloromethane

<DL(U) 4.0

Bromomethane

<DL(U) 4.0

Chloroethane

<DL(U) 4.0

Trichlorofluoromethane

<DL(U) 4.0

1,1-Dichloroethene

<DL(U) 4.0

Acetone

<DL(U) 20.0

Methylene Chloride

<DL(U) 20.0

trans-1,2-Dichloroethene

<DL(U) 4.0

Methyl-tert-butyl ether

<DL(U) 4.0

1,1-Dichloroethane

<DL(U) 4.0

1,2-Dichloropropane

<DL(U) 4.0

cis-1,2-Dichloroethene

<DL(U) 4.0

Methyl ethyl ketone

<DL(U) 4.0

Bromochloromethane

<DL(U) 4.0

Chloroform

<DL(U) 4.0

1,1,1-Trichloroethane

<DL(U) 4.0

1,1-Dichloropropene

Carbon Tetrachloride

1,2-Dichloroethane

Trichloroethene

1,2-Dichloropropane

Dibromomethane

Bromoform

Bromodichloromethane

1,1,2,2-Tetrachloroethane

Benzene

cis-1,3-Dichloropropene

4-Methyl-2-pentanone

Toluene

trans-1,3-Dichloropropene

1,1,2-Trichloroethane

Tetrachloroethene

1,3-Dichloropropane

2-Hexanone

Results Det Limit*

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

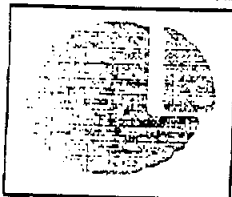
<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

<DL(U) 4.0

DL = Detection Limit



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil=ug/kg ppb

*See Individual Limit

Water=ug/L ppb

Results shown are: **Volatile Organic Analytes**

Extraction Method: **EPA 5030 Purge & Trap**

Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| | |
|---------------|-------|
| 48802 | |
| EXISTING MW 7 | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | |
| 01/28/02 | 09:00 |
| 01/31/02 | |
| 02/01/02 | |

Dibromochloromethane
 1,2-Dibromoethane
 Ethylbenzene
 m&p-Xylene
 o-Xylene
 Styrene
 Isopropylbenzene
 n-Propylbenzene
 1,3,5-Trimethylbenzene
 tert-Butylbenzene
 1,2,4-Trimethylbenzene
 sec-Butylbenzene
 Chlorobenzene
 1,1,1,2-Tetrachloroethane
 Bromobenzene
 2,3-Trichloropropane
 2-Chlorotoluene
 4-Chlorotoluene

| Results | Det Limit* | |
|---------|------------|-----------------------------|
| <DL(U) | 4.0 | 1,3-Dichlorobenzene |
| <DL(U) | 4.0 | 4-Isopropyltoluene |
| <DL(U) | 4.0 | 1,4-Dichlorobenzene |
| <DL(U) | 8.0 | 1,2-Dichlorobenzene |
| <DL(U) | 4.0 | n-Butylbenzene |
| <DL(U) | 4.0 | 1,2-Dibromo-3-chloropropane |
| <DL(U) | 4.0 | 1,2,4-Trichlorobenzene |
| <DL(U) | 4.0 | Hexachlorobutadiene |
| <DL(U) | 4.0 | Naphthalene |
| <DL(U) | 4.0 | 1,2,3-Trichlorobenzene |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |
| <DL(U) | 4.0 | |

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 4.0 |
| <DL(U) | 10.0 |
| <DL(U) | 4.0 |

< DL(U)= analyzed but not detected

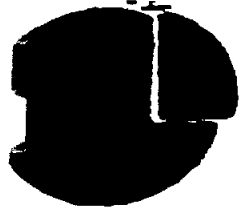
L= estimated value

B=analyte found in blank

E=exceed calibration range

J= < ppl but > MDL

DL = Detection Limit



Lozier Analytical Group

Lozier Laboratories, Inc. #10390
EXPRESSLAB, Inc. #11389

888-841-5227
800-843-5227

This Fax Came From:

☐ Lozier Laboratories, Inc.

☒ EXPRESSLAB, Inc.

Date: 2-25-02

To: Nichole

Fax To: 937-9360

From: Nick Tedesche

Fax From: 716-554-4114

Subject: Lab Reports

Pages: 28 + cover

Notes:

Lozier Laboratories, Inc.
696 N. Winton Rd.
Rochester, NY 14609
888-841-5227
FAX 716-554-4114

Lozier Laboratories, Inc.
5611 Water Street
Middlesex, NY 14507
888-841-5227
FAX 716-554-4114

ExpressLab
5611 Water St.
Middlesex, NY 14507
800-843-5227
FAX 716-554-4114

537 East Delavan
 Buffalo, NY
 Erie County
 NYSDEC - Region 9
 Spill #9710497
 Pin #H80271
 EPA 3510 Liquid-Liquid

EPA 8270 GC/MS

Water Analytical Results mg/L ppm

| Sample ID (right) | MW 1-02 | MW 2-02 | MW 3-02 | MW 4-02 | MW 5-02 | Existing
MW 2 | Existing
MW 6 | Existing
MW 7 |
|-------------------------|---------|---------|---------|---------|---------|------------------|------------------|------------------|
| Naphthalene | - | - | - | - | - | - | - | - |
| Acenaphthylene | - | - | - | - | - | - | - | - |
| Acenaphthene | - | - | - | - | - | - | - | - |
| Fluorene | - | - | - | - | - | - | - | - |
| Phenanthrene | - | - | - | - | - | - | - | - |
| Anthracene | - | - | - | - | - | - | - | - |
| Fluoranthene | - | - | - | - | - | - | - | - |
| Pyrene | - | - | - | - | - | - | - | - |
| Benzo(a)anthracene | - | - | - | - | - | - | - | - |
| Chrysene | - | - | - | - | - | - | - | - |
| Benzo(b)fluoranthene | - | - | - | - | - | - | - | - |
| Benzo(k)fluoranthene | - | - | - | - | - | - | - | - |
| Benzo(a)pyrene | - | - | - | - | - | - | - | - |
| Indeno(1,2,3-c,d)pyrene | - | - | - | - | - | - | - | - |
| Dibenz(a,h)anthracene | - | - | - | - | - | - | - | - |
| Benzo(g,h,i)perylene | - | - | - | - | - | - | - | - |

- = Below Laboratory Detection Limits

Sampled by: Dale M. Gramza
 Date Sampled: 1/23/02
 EPA 8270 GC/MS



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**
 Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| |
|----------------|
| 48795 |
| MW 1-021 |
| |
| WATER |
| DALE GRAMZA |
| 01/23/02 |
| 01/28/02 09:00 |
| 01/31/02 |
| 01/31/02 |

Naphthalene
 Acenaphthylene
 Acenaphthene
 Fluorene
 Phenanthrene
 Anthracene
 Fluoranthene
 Pyrene
 Benzo(a)anthracene
 Chrysene
 Benzo(b)fluoranthene
 Benzo(k)fluoranthene
 Benzo(a)pyrene
 Indeno(1,2,3-c,d)pyrene
 Dibenz(a,h)anthracene
 Benzo(g,h,i)perylene

| Results | Det Limit* |
|---------|------------|
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**
 Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number PIN # **H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

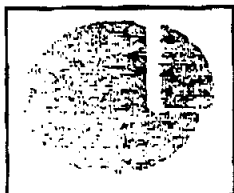
Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

| | |
|-------------------------|---------------------------|
| Sample ID (LAB) | 48796 |
| Sample ID#1(CUST) | MW 2-02 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 01/31/02 |
| | Results Det Limit* |
| Naphthalene | < DL(U) 0.010 |
| Acenaphthylene | < DL(U) 0.010 |
| Acenaphthene | < DL(U) 0.010 |
| Fluorene | < DL(U) 0.010 |
| Phenanthrene | < DL(U) 0.010 |
| Anthracene | < DL(U) 0.010 |
| Fluoranthene | < DL(U) 0.010 |
| Pyrene | < DL(U) 0.010 |
| Benzo(a)anthracene | < DL(U) 0.010 |
| Chrysene | < DL(U) 0.010 |
| Benzo(b)fluoranthene | < DL(U) 0.010 |
| Benzo(k)fluoranthene | < DL(U) 0.010 |
| Benzo(a)pyrene | < DL(U) 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) 0.010 |
| Dibenz(a,h)anthracene | < DL(U) 0.010 |
| Benzo(g,h,i)perylene | < DL(U) 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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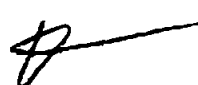
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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
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 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

| | |
|-------------------------|---------------------------|
| Sample ID (LAB) | 48797 |
| Sample ID#1(CUST) | MW 3-02 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 01/31/02 |
| | Results Det Limit* |
| Naphthalene | < DL(U) 0.010 |
| Acenaphthylene | < DL(U) 0.010 |
| Acenaphthene | < DL(U) 0.010 |
| Fluorene | < DL(U) 0.010 |
| Phenanthrene | < DL(U) 0.010 |
| Anthracene | < DL(U) 0.010 |
| Fluoranthene | < DL(U) 0.010 |
| Pyrene | < DL(U) 0.010 |
| Benzo(a)anthracene | < DL(U) 0.010 |
| Chrysene | < DL(U) 0.010 |
| Benzo(b)fluoranthene | < DL(U) 0.010 |
| Benzo(k)fluoranthene | < DL(U) 0.010 |
| Benzo(a)pyrene | < DL(U) 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) 0.010 |
| Dibenz(a,h)anthracene | < DL(U) 0.010 |
| Benzo(g,h,i)perylene | < DL(U) 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM

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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Results shown are: **PAH Compounds**
 Extraction Method: **EPA 3510 Liquid-Liquid**
 Analysis Method: **EPA 8270 GC/MS**

| | |
|-------------------------|--------------------|
| Sample ID (LAB) | 48798 |
| Sample ID#1(CUST) | MW 4-02 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 01/31/02 |
| | Results Det Limit* |
| Naphthalene | < DL(U) 0.010 |
| Acenaphthylene | < DL(U) 0.010 |
| Acenaphthene | < DL(U) 0.010 |
| Fluorene | < DL(U) 0.010 |
| Phenanthrene | < DL(U) 0.010 |
| Anthracene | < DL(U) 0.010 |
| Fluoranthene | < DL(U) 0.010 |
| Pyrene | < DL(U) 0.010 |
| Benzo(a)anthracene | < DL(U) 0.010 |
| Chrysene | < DL(U) 0.010 |
| Benzo(b)fluoranthene | < DL(U) 0.010 |
| Benzo(k)fluoranthene | < DL(U) 0.010 |
| Benzo(a)pyrene | < DL(U) 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) 0.010 |
| Dibenz(a,h)anthracene | < DL(U) 0.010 |
| Benzo(g,h,i)perylene | < DL(U) 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEG0**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

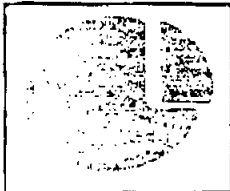
Results shown are: **PAH Compounds**
 Extraction Method: **EPA 3510 Liquid-Liquid**
 Analysis Method: **EPA 8270 GC/MS**

| | |
|-------------------------|---------------------------|
| Sample ID (LAB) | 48799 |
| Sample ID#1(CUST) | MW 5-021 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/31/02 |
| Date Reported | 01/31/02 |
| | Results Det Limit* |
| Naphthalene | < DL(U) 0.010 |
| Acenaphthylene | < DL(U) 0.010 |
| Acenaphthene | < DL(U) 0.010 |
| Fluorene | < DL(U) 0.010 |
| Phenanthrene | < DL(U) 0.010 |
| Anthracene | < DL(U) 0.010 |
| Fluoranthene | < DL(U) 0.010 |
| Pyrene | < DL(U) 0.010 |
| Benzo(a)anthracene | < DL(U) 0.010 |
| Chrysene | < DL(U) 0.010 |
| Benzo(b)fluoranthene | < DL(U) 0.010 |
| Benzo(k)fluoranthene | < DL(U) 0.010 |
| Benzo(a)pyrene | < DL(U) 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) 0.010 |
| Dibenz(a,h)anthracene | < DL(U) 0.010 |
| Benzo(g,h,i)perylene | < DL(U) 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
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 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water-mg/L ppm

*See Individual Limit

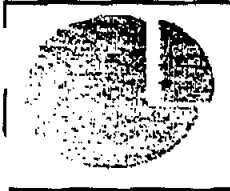
Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

| | | |
|-------------------------|----------------------|-------------------|
| Sample ID (LAB) | 48800 | |
| Sample ID#1(CUST) | EXISTING MW 2 | |
| Sample ID#2(CUST) | | |
| Matrix | WATER | |
| Sampled By | DALE GRAMZA | |
| Date Sampled | 01/23/02 | |
| Date Received | 01/28/02 | 09:00 |
| Date Analyzed | 01/31/02 | |
| Date Reported | 01/31/02 | |
| | Results | Det Limit* |
| Naphthalene | < DL(U) | 0.010 |
| Acenaphthylene | < DL(U) | 0.010 |
| Acenaphthene | < DL(U) | 0.010 |
| Fluorene | < DL(U) | 0.010 |
| Phenanthrene | < DL(U) | 0.010 |
| Anthracene | < DL(U) | 0.010 |
| Fluoranthene | < DL(U) | 0.010 |
| Pyrene | < DL(U) | 0.010 |
| Benzo(a)anthracene | < DL(U) | 0.010 |
| Chrysene | < DL(U) | 0.010 |
| Benzo(b)fluoranthene | < DL(U) | 0.010 |
| Benzo(k)fluoranthene | < DL(U) | 0.010 |
| Benzo(a)pyrene | < DL(U) | 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) | 0.010 |
| Dibenz(a,h)anthracene | < DL(U) | 0.010 |
| Benzo(g,h,i)perylene | < DL(U) | 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Water=mg/L ppm

Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

*See Individual Limit

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)

48801

EXISTING MW 6

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/23/02

Date Received

01/28/02 09:00

Date Analyzed

01/31/02

Date Reported

01/31/02

| Results | Det Limit* |
|---------|------------|
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |

Naphthalene

< DL(U) 0.010

Acenaphthylene

< DL(U) 0.010

Acenaphthene

< DL(U) 0.010

Fluorene

< DL(U) 0.010

Phenanthrene

< DL(U) 0.010

Anthracene

< DL(U) 0.010

Fluoranthene

< DL(U) 0.010

Pyrene

< DL(U) 0.010

Benzo(a)anthracene

< DL(U) 0.010

Chrysene

< DL(U) 0.010

Benzo(b)fluoranthene

< DL(U) 0.010

Benzo(k)fluoranthene

< DL(U) 0.010

Benzo(a)pyrene

< DL(U) 0.010

Indeno(1,2,3-c,d)pyrene

< DL(U) 0.010

Dibenz(a,h)anthracene

< DL(U) 0.010

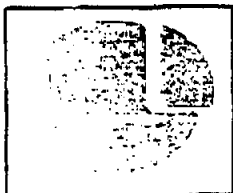
Benzo(g,h,i)perylene

< DL(U) 0.010

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - 8270 PAH

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Results shown are: **PAH Compounds**Extraction Method: **EPA 3510 Liquid-Liquid**Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

48802
EXISTING MW 7
WATER
DALE GRAMZA
01/23/02
01/28/02 09:00
01/31/02
01/31/02

Naphthalene
 Acenaphthylene
 Acenaphthene
 Fluorene
 Phenanthrene
 Anthracene
 Fluoranthene
 Pyrene
 Benzo(a)anthracene
 Chrysene
 Benzo(b)fluoranthene
 Benzo(k)fluoranthene
 Benzo(a)pyrene
 Indeno(1,2,3-c,d)pyrene
 Dibenzo(a,h)anthracene
 Benzo(g,h,i)perylene

| Results | Det Limit* |
|---------|------------|
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |
| < DL(U) | 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527
SENECA FALLS
(315) 568-1664

Attachment #8
Groundwater Analytical Results
Method 310.13 Laboratory Report



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

537 East Delavan
Buffalo, NY
Erie County
NYSDEC - Region 9
Spill #9710497
Pin #H80271
EPA 3550 Sonication

CRITTENDEN
(716) 937-6527
SENECA FALLS
(315) 568-1664

TPH 310.13

Water Analytical Results mg/L ppm

| Sample ID (right) | MW 1-02 | MW 3-02 | Existing MW 6 |
|--------------------------|----------------|----------------|----------------------|
| Kerosene | - | - | - |
| Fuel Oil #2 | - | - | - |
| Lube Oil | 16.3 | - | - |
| Gasoline | Not Detected | Not Detected | Not Detected |
| Unknown Hydrocarbons | - | - | - |

- = Below Laboratory Detection Limits

Sampled by: Dale M. Gramza
Date Sampled: 1/23/02
EPA 8270 GC/MS

Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - TPH-310.13

Cust N.Y.S. DEC. REG. 9
 Address: 270 MICHIGAN AVE.
 BUFFALO, N.Y. 14203-2999
 Attn: FRANCINE GALLEG0

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: VIBRATECH BUFFALO
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Water=mg/L ppm

*See Individual Limit

Extraction Method: EPA 3550 Sonication

Analysis Method: EPA 8270 GC/MS

| | |
|----------------------|-----------------|
| Sample ID (LAB) | 48795 |
| Sample ID#1(CUST) | MW 1-02 |
| Sample ID#2(CUST) | |
| Matrix | WATER |
| Sampled By | DALE GRAMZA |
| Date Sampled | 01/23/02 00:00 |
| Date Received | 01/28/02 09:00 |
| Date Analyzed | 01/28/02 |
| Date Reported | 01/29/02 |
| | Det Limit*(ppm) |
| Kerosene | < DL(U) 0.1 |
| Fuel Oil #2 | < DL(U) 0.1 |
| Lube Oil | 16.3 0.1 |
| Gasoline | Not Detected |
| Unknown Hydrocarbons | < DL(U) 0.1 |

E=Exceeds calibration range

J=Detected above MDL, but below PQL

Page 1

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

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888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - TPH-310.13

Cust N.Y.S. DEC. REG. 9
 Address: 270 MICHIGAN AVE.
 BUFFALO, N.Y. 14203-2999
 Attn: FRANCINE GALLEGO

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: VIBRATECH BUFFALO
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

*Results in bold type; Detection Limits in small print

Detection Limits* =

Water=mg/L ppm

Extraction Method: EPA 3550 Sonication

Analysis Method: EPA 8270 GC/MS

*See Individual Limit

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| | |
|-------------|-------|
| 48797 | |
| MW 3-02 | |
| | |
| WATER | |
| DALE GRAMZA | |
| 01/23/02 | 00:00 |
| 01/28/02 | 09:00 |
| 01/28/02 | |
| 01/29/02 | |

Det Limit*(ppm)

Kerosene
 Fuel Oil #2
 Lube Oil
 Gasoline
 Unknown Hydrocarbons

| | |
|--------------|-----|
| < DL(U) | 0.1 |
| < DL(U) | 0.1 |
| < DL(U) | 0.1 |
| Not Detected | |
| < DL(U) | 0.1 |

E=Exceeds calibration range

J=Detected above MDL, but below PQL

Page 1

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - TPH-310.13

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203-2999
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH BUFFALO**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Water=mg/L ppm

Extraction Method: **EPA 3550 Sonication**

Analysis Method: **EPA 8270 GC/MS**

*See Individual Limit

Sample ID (LAB)

48801
EXISTING MW 6

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

WATER
DALE GRAMZA

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

| | |
|-----------------|--------------|
| 01/23/02 | 00:00 |
| 01/28/02 | 09:00 |
| 01/28/02 | |
| 01/29/02 | |

Det Limit*(ppm)

Kerosene

< DL(U) **0.1**

Fuel Oil #2

< DL(U) **0.1**

Lube Oil

< DL(U) **0.1**

Gasoline

Not Detected

Unknown Hydrocarbons

< DL(U) **0.1**

E=Exceeds calibration range

J=Detected above MDL, but below PQL

Page 1

RESULTS WHEN YOU WANT THEM

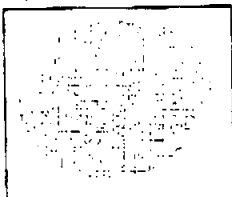


ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527

SENECA FALLS
(315) 568-1664

Attachment #9
Groundwater Analytical Results
Basement and Drum Contents



Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - TPH-310.13

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**Project Number **PIN # H80271**

Project Cust:

Project Site: **VIBRATECH**

Date FAXED:

Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* -

Water=mg/L ppm

Extraction Method: **EPA 3550 Sonication**Analysis Method: **EPA 8270 GC/MS**

*See Individual Limit

Sample ID (LAB)

48696

Sample ID#1(CUST)

BASEMENT WATER

Sample ID#2(CUST)

Matrix

DALE GRAMZA

Sampled By

01/22/02

Date Sampled

01/00/00

Date Received

01/24/02

Date Analyzed

01/25/02

Date Reported

01/28/02

Det Limit*(ppm)

Kerosene

< DL(U) 0.1

Fuel Oil #2

< DL(U) 0.1

Lube Oil

< DL(U) 0.1

Gasoline

Not Detected

Unknown Hydrocarbons

< DL(U) 0.1

E=Exceeds calibration range

J=Detected above MDL, but below PQL

Page 1

RESULTS WHEN YOU WANT THEM

Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - TPH-Diesel

Cust N.Y.S. DEC. REG. 9
Address: 270 MICHIGAN AVE.
BUFFALO, N.Y. 14203
Attn FRANCINE GALLEGO

Phone 851-7229
FAX 851-7762

PO Number: SPILL # 9710497
Project Number PIN # H80271
Project Cust:
Project Site: VIBRATECH
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type, Detection Limits in small print

Detection Limits* = Water mg/L ppm

*See Individual Limit.

Results shown are: TPH-Diesel

Extraction Method: EPA 8015M

Analysis Method: EPA 8270 GC/MS

Sample ID (LAB)
Sample ID#1(CUST)
Sample ID#2(CUST)
Matrix
Sampled By
Date Sampled
Date Received
Date Analyzed
Date Reported

48696
BASEMENT WATER
WATER
DALE GRAMZA
01/22/02
01/25/02
01/25/02
01/25/02

TPH(Diesel Range)

Det Limit*(ppm)

<DL(L) 0.1

J=Detected above MDL, but below PQL

Page 1

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - METHOD 8260

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
HUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PIN # J180271**
 Project Cust:
 Project Site: **VIBRATECH**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* - Soil=ug/kg ppb

*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8260 GC/MS

Sample ID (I.A.B.)

48696

Sample ID#1(CUST)

BASEMENT WATER

Sample ID#2(CUST)

Matrix

WATER

Sampled By

DALE GRAMZA

Date Sampled

01/22/02 03:00

Date Received

01/23/02 06:10

Date Analyzed

01/29/02

Date Reported

01/30/02

Dichlorodifluoromethane

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 4.0 |

Vinyl Chloride

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Chloromethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Bromomethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Chloroethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Trichlorofluoromethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,1-Dichloroethene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Acetone

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

Methylene Chloride

| | |
|--------|------|
| <DL(U) | 20.0 |
|--------|------|

trans-1,2-Dichloroethene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Methyl-tert-butyl ether

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,1-Dichloroethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

2,2-Dichloropropane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

cis-1,2-Dichloroethene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Methyl ethyl ketone

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Bromochloromethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Chloroform

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,1,1-Trichloroethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,1-Dichloropropene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Carbon Tetrachloride

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,2-Dichloroethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Trichloroethene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,2-Dichloropropane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Dibromomethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Bromoform

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Bromodichloromethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,1,2,2-Tetrachloroethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Benzene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

cis-1,3-Dichloropropene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

4-Methyl 2-pentanone

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Toluene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

trans-1,3-Dichloropropene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,1,2-Trichloroethane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Tetrachloroethene

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

1,3-Dichloropropane

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

2-Hexanone

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

Results Det Limit*

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

| | |
|--------|-----|
| <DL(U) | 4.0 |
|--------|-----|

* DL = Detection Limit

Page 1

Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - 8270 PAH

Cust: N.Y.S. DEC. REG. 9
Address: 270 MICHIGAN AVE.
BUFFALO, N.Y. 14203
Attn: FRANCINE GALLEGO

Phone: 851-7220
FAX: 851-7252

PO Number: SPILL # 9710497
Project Number PIN # 1180271
Project Cust:
Project Site: VIBRATECH
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* -

Water=mg/L ppm

*See individual Limit

Results shown are: PAH Compounds

Extraction Method: EPA 3510 Liquid-Liquid

Analysis Method: EPA 8270 GC/MS

Sample ID (LAB)
Sample ID#1(CUST)
Sample ID#2(CUST)
Matrix
Sampled By
Date Sampled
Date Received
Date Analyzed
Date Reported

48696
BASEMENT WATER
WATER
DALE GRAMZA
01/22/02
01/22/02
01/23/02
01/28/02

| | Results | Det Limit* |
|-------------------------|---------|------------|
| Naphthalene | < DL(U) | 0.010 |
| Acenaphthylene | < DL(U) | 0.010 |
| Acenaphthene | < DL(U) | 0.010 |
| Fluorene | < DL(U) | 0.010 |
| Phenanthrene | < DL(U) | 0.010 |
| Anthracene | < DL(U) | 0.010 |
| Fluoranthene | < DL(U) | 0.010 |
| Pyrene | < DL(U) | 0.010 |
| Benzo(a)anthracene | < DL(U) | 0.010 |
| Chrysene | < DL(U) | 0.010 |
| Benzo(b)fluoranthene | < DL(U) | 0.010 |
| Benzo(k)fluoranthene | < DL(U) | 0.010 |
| Benzo(a)pyrene | < DL(U) | 0.010 |
| Indeno(1,2,3-c,d)pyrene | < DL(U) | 0.010 |
| Dibenz(a,h)anthracene | < DL(U) | 0.010 |
| Benzo(g,h,i)perylene | < DL(U) | 0.010 |

* DL - Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM

Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - TPH-310.13

Cust: N.Y.S. DEC. REG. 9
Address: 270 MICHIGAN AVE.
BUFFALO, N.Y. 14203
Attn: FRANCINE GALLIGO

Phone: 851-7220
FAX: 851-7252

PO Number: SPILL # 9710497
Project Number PIN # H80271
Project Cust:
Project Site: VIBRATECH
Date FAXED
Lab Director: 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type, Detection Limits in small print

Detection Limits* - Water=mg/L ppm

Extraction Method: EPA 3550 Sonication

Analysis Method: EPA 8270 GC/MS

*See Individual Limit

Sample ID (LAB)

18697
DRUM WATER

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

WATER
DALE GRAMZA

Sampled By

Date Sampled

01/22/02

Date Received

01/24/02

Date Analyzed

01/25/02

Date Reported

01/28/02

Det Limit*(ppm)

Kerosene

< DL(U) 3.1

Fuel Oil #2

< DL(U) 3.1

Lube Oil

32.9 3.1

Gasoline

Not Detected

Unknown Hydrocarbons

< DL(U) 3.1

E=Exceeds calibration range

J=Detected above MDL, but below FOL

Page 1

RESULTS WHEN YOU WANT THEM

Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - 8270 PAH

Cust N.Y.S. DEC. REG. 9
Address: 270 MICHIGAN AVE.
BUFFALO, N.Y. 14203
Attn: FRANCINE GALLEGO

Phone 851-7220
FAX 851-7252

PO Number: SPILL # 9710497
Project Number PIN # H80271
Project Cust:
Project Site: VIBRATECH
Date FAXED:
Lab Director: 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limit: * - Water=mg/l ppm
*See Individual Limit

Results shown are: PAH Compounds
Extraction Method: EPA 3510 Liquid-Liquid
Analysis Method: EPA 8270 GC/MS

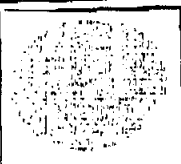
Sample ID (LAB) 48697
Sample ID#1(CUST) DRUM WATER
Sample ID#2(CUST)
Matrix WATER
Sampled By DALE GRANZA
Date Sampled 01/22/02
Date Received 01/23/02 00:00
Date Analyzed 01/26/02
Date Reported 01/28/02

| | Results | Det Limit |
|------------------------|---------|-----------|
| Naphthalene | < DL(U) | 0.010 |
| Acenaphthylene | < DL(U) | 0.010 |
| Acenaphthene | < DL(U) | 0.010 |
| Fluorene | < DL(U) | 0.010 |
| Phenanthrene | < DL(U) | 0.010 |
| Anthracene | < DL(U) | 0.010 |
| Fluoranthene | < DL(U) | 0.010 |
| Pyrene | < DL(U) | 0.010 |
| Benzo(a)anthracene | < DL(U) | 0.010 |
| Chrysene | < DL(U) | 0.010 |
| Benzo(b)fluoranthene | < DL(U) | 0.010 |
| Benzo(k)fluoranthene | < DL(U) | 0.010 |
| Benzo(a)pyrene | < DL(U) | 0.010 |
| Indeno(1,2,3-cd)pyrene | < DL(U) | 0.010 |
| Dibenz(a,h)anthracene | < DL(U) | 0.010 |
| Benzo(g,h,i)perylene | < DL(U) | 0.010 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

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☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - METHOD 8260

Cust N.Y.S. DEC. REG. 9
 Address: 270 MICHIGAN AVE.
 BUFFALO, N.Y. 14203
 Attn: FRANCINE GALLEGO

Phone 851-7220
 FAX 851-7252

PQ Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: VIBRATECH
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type: Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 8000 Purge & Trap

Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

| |
|----------------|
| 48697 |
| DRUM WATER |
| WATER |
| DALE CRAWFA |
| 01/22/02 03:00 |
| 01/23/02 05:10 |
| 01/29/02 |
| 01/30/02 |

Dichlorodifluoromethane

Vinyl Chloride

Chloromethane

Bromomethane

Chloroethane

Trichlorofluoromethane

1,1-Dichloroethene

Acetone

Methylene Chloride

trans-1,2-Dichloroethene

Methyl-tert-butyl ether

1,1-Dichloroethane

2,2-Dichloropropane

cis-1,2-Dichloroethene

Methyl ethyl ketone

Bromochloromethane

Chloroform

1,1,1-Trichloroethane

| Results | Det Limit* | |
|---------|------------|---------------------------|
| <DL(U) | 20.0 | 1,1-Dichloropropene |
| <DL(U) | 20.0 | Carbon Tetrachloride |
| <DL(U) | 20.0 | 1,2-Dichloroethane |
| <DL(U) | 20.0 | Trichloroethene |
| <DL(U) | 20.0 | 1,2-Dichloropropane |
| <DL(U) | 20.0 | Dibromomethane |
| <DL(U) | 20.0 | Bromoform |
| <DL(U) | 100.0 | Bromodichloromethane |
| <DL(U) | 100.0 | 1,1,2,2-Tetrachloroethane |
| <DL(U) | 20.0 | Benzene |
| <DL(U) | 20.0 | cis-1,3-Dichloropropene |
| <DL(U) | 20.0 | 4-Methyl-2-pentanone |
| <DL(U) | 20.0 | Toluene |
| <DL(U) | 20.0 | trans-1,3-Dichloropropene |
| <DL(U) | 20.0 | 1,1,2-Trichloroethane |
| <DL(U) | 20.0 | Tetrachloroethene |
| <DL(U) | 20.0 | 1,3-Dichloropropane |
| <DL(U) | 20.0 | 2-Hexanone |

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |
| <DL(U) | 20.0 |

* DL = Detection Limit

Page 1



COPY

AB

WORKORDER

P.O. Box 40, 5611 Water Street, Middletown, NY 14507
 NY 811309 NJ 873744 CA 92055 SC 891011
 Phone #: 800-843-5227
 Fax #: 585-554-4114
 "Specializing in Environmental Soil Tests"

\$10 days
 Date Due: 2/6/02
☒ Standard Service ☐ Rush Service

Customer: NYSDEC Reg 9
 Address: 270 Michigan Ave
 City/State/Zip: BUFFALO NY 14202-2999
 Phone: (716) 851-7220
 Fax: (716) 851-7252
 Contact: FRANKIE GALLO

PO No.: _____
 Project No.: _____
 Project Cust.: _____
 Project Site: VISAA TECH
 Spill No.: 9710497
 Pin No.: H80271

Sample Demographics and Parameters for Analysis

Special Instructions: PLEASE COPY NYSDEC ON REPORT

Suspect Ingredient: ☐ Diesel ☐ Gasoline ☐ Oil

Parameters for Analysis

| Date | Time | Sample Description & Location | MATRIX | | | 310.13 | B260 GC/MS | B270 | | | |
|------------|------|-------------------------------|---------|------|-------|--------|------------|------|--|--|--|
| | | | Aqueous | Soil | Other | | | | | | |
| 1. 1/22/02 | 3:00 | BASINMENT WATER | X | | | X | X | | | | |
| 2. 1/23/02 | 3:00 | DRUM WATER | X | | | X | X | | | | |
| 3. | | | | | | | | | | | |
| 4. | | | | | | | | | | | |
| 5. | | | | | | | | | | | |
| 6. | | | | | | | | | | | |
| 7. | | | | | | | | | | | |
| 8. | | | | | | | | | | | |
| 9. | | | | | | | | | | | |
| 10. | | | | | | | | | | | |
| 11. | | | | | | | | | | | |

Chain of Custody Record

of Samples: 2 Samples Sent By: ☐ Express Mail ☒ Hand Delivery
 # of Containers: 8 Custody Seal Intact? ☒ Yes ☐ No ☐ N/A
 Sampler: DALE M. CHAMBERS Shipment Complete? ☒ Yes ☐ No ☐ N/A
 Signature: [Signature] Temperature: 50C Fannometer: _____

SAMPLES RELINQUISHED BY

SAMPLES RECEIVED BY

| Name & Signature | Date and Time | Name & Signature | Date and Time |
|---------------------------|---------------|------------------|---------------|
| 1. G. Serrano [Signature] | 1/23/02 | 1. [Signature] | 1/23/02 1:00 |
| 2. | | 2. | |
| 3. | | 3. [Signature] | 1/23 5:10 |

"Results when YOU want them!"

LOZIER ANALYTICAL GROUP

Original - Lab Copy: Yellow - Customer Copy: Pink - Sampler Copy

CONFIDENTIAL INFORMATION



ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527
SENECA FALLS
(315) 568-1664

Attachment #10 .
Wood Floor Analytical Results
Full TCLP with Pesticides/Herbicides and PCBs

Laboratory Test Report



Lozier Laboratories, Inc.

5611 Water St.
Middletown NY, 14507
Phone (565)-664-6360
Fax (565)-554-4114

New York State
Approved
Environmental Laboratory
10390

Prepared for: ExpressLab, Inc.
5611 Water St., Middletown, NY 14507

Laboratory Number: 15932

Report Date: 1/20/02

ExpressLab Client: NYSDEC Region #9
270 Michigan Ave.
Buffalo, NY 14203-2999
Attention: Francine Gallego

Sample Information

Date Received at L. Inc.: 1/23/02
Date Received at ExpressLab: 1/23/02
Sample Date: 1/22/02
Sampled By: Client
Matrix: Other

Client Project Site: Vibratoch
Client Spill Number: 9/10/97
Client Pin Number: H80271

| Lozier Sample ID: | 15932-1 | | | |
|-----------------------|-----------------------------------|-------|------------------|------------------|
| ExpressLab Sample ID: | 48682 | | | |
| NYSDEC Sample ID: | Stockpiled Wood
Flooring Comp. | | | |
| Parameter | | Units | Method
Number | Analysis
Date |
| TCLP Arsenic | <0.005 | mg/l | EPA 8010B | 1/28/02 |
| TCLP Selenium | 0.008 | mg/l | EPA 8010B | 1/28/02 |
| TCLP Cadmium | 0.021 | mg/l | EPA 8010D | 1/28/02 |
| TCLP Chromium | <0.008 | mg/l | EPA 8010A | 1/28/02 |
| TCLP Barium | 0.212 | mg/l | EPA 8010B | 1/28/02 |
| TCLP Silver | <0.005 | mg/l | EPA 8010B | 1/28/02 |
| TCLP Lead | 0.010 | mg/l | EPA 8010B | 1/28/02 |
| TCLP Mercury | <0.002 | mg/l | EPA 7470 | 1/28/02 |

PAGE: 1 of 1

ELAP APPROVED LAB # 10390
NELAP APPROVED LAB
ExpressLab ELAP # 11369

Approved By:

James A. [Signature]
Technical Director



Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - MISC

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7257**

PO Number: **SPILL # 9710497**
 Project Number **PIN # H80271**
 Project Cust:
 Project Site: **VIBRATECH**
 Date FAXED:
 Lab Director 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type

Detection Limits = Water-mg/L or PPM
 Soil-mg/Kg or PPM

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| |
|-----------------|
| 48692 |
| STOCKPILED WOOD |
| SOT ID |
| DALE GRAM7A |
| 01/23/02 12:00 |
| 01/23/02 05:05 |
| 01/24/02 |
| 01/29/02 |

Ignitability: **Negative, No flash to 140F/60C**

Corrosivity: **pH=5.80**

Reactivity: **Sulfide: < 20 PPM**
Cyanide: < 20 PPM

< DL(U) = analyzed but not detected

L = estimated value

B = analyte found in blank

E = exceed calibration range

RESULTS WHEN YOU WANT THEM



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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 800 - 843 - 5227

LABORATORY REPORT - PCB's by 8082

Cust: N.Y.S. DEC. REG. 9
 Address: 270 MICHIGAN AVE.
 BUFFALO, N.Y. 14203
 Attn: FRANCINE GALLEGO
 Phone: 851-7220
 FAX: 851-7252

PO Number: SPILL # 9710497
 Project Number: PIN # H80271
 Project Cust:
 Project Site: VIBRATECH
 Date FAXED:
 Lab Director:

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* -

Soil-ug/kg ppb

Extraction Method: 3550 Sonication

Analysis Method: EPA 8082 GC with ECD

*See Individual Limit

Sample ID (LAB) 48692
 Sample ID#1(CUST) STOCKPILED WOOD
 Sample ID#2(CUST)
 Matrix SOLID
 Sampled By DALE GRAMZA
 Date Sampled 1/22/02 12:00
 Date Received 1/23/02 5:05
 Date Analyzed 1/29/02
 Date Reported 1/30/02

| | Results | Det Limit* |
|--------------|---------|------------|
| Aroclor 1016 | < DL(U) | 16.7 |
| Aroclor 1221 | < DL(U) | 16.7 |
| Aroclor 1232 | < DL(U) | 16.7 |
| Aroclor 1242 | < DL(U) | 16.7 |
| Aroclor 1248 | < DL(U) | 16.7 |
| Aroclor 1254 | < DL(U) | 16.7 |
| Aroclor 1260 | < DL(U) | 16.7 |

< DL(U)=analyzed but not detected

L=estimated value

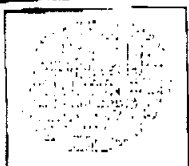
M=analyze found in blank

C=exceed calibration range

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

PCB



Lozier Analytical Group

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - TCLP 8260

Cust N.Y.S. DEC. REG. 9
 Address: 270 MICHIGAN AVE.
 BUFFALO, N.Y. 14203
 Attn: FRANCINE GALLEGO

Phone 851-7220
 FAX 851-7252

PO Number: SPILL # 9710497
 Project Number PIN # H80271
 Project Cust:
 Project Site: VIBRATECH
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in: bold type; Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit Water=ug/l ppb

Results shown are: Volatile Organic Analytes

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8260 GC/MS

Sample ID (LAB)

Sample ID#1(CUST)

Sample ID#2(CUST)

Matrix

Sampled By

Date Sampled

Date Received

Date Analyzed

Date Reported

Vinyl Chloride

1,1-Dichloroethene

Methyl ethyl ketone

Chloroform

1,1-Dichloropropene

Carbon Tetrachloride

1,2-Dichloroethane

Trichloroethene

Benzene

Tetrachloroethene

Chlorobenzene

Hexachlorobutadiene

1,4-Dichlorobenzene

48692
 STOCKPILED WOOD

SOLID

DATE GRAMZA

01/22/02 12:00

01/23/02 05:05

02/01/02

02/04/02

| Results | Det Limit* |
|---------|------------|
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |
| <DL(U) | 2.0 |

<DL(U) = analyzed but not detected

L = estimated value

B = analyte found in blank

E = exceed calibration range

J = < ppb but > MDL

* DL = Detection Limit

Lozier Analytical Group

☐ Lozier Laboratories, Inc., #10390

888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - PCB's by 8082

Cust. N.Y.S. DEC. REG. 9
Address: 370 MICHIGAN AVE.
BUFFALO, N.Y. 14203
Attn: FRANCINE GALLEGO

Phone 851-7220
FAX 851-7252

PO Number: SPILL # 9710497
Project Number: PIN # H80271
Project Cust:
Project Site: VIBRA TECH
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit

Extraction Method: 3550 Sonication

Analysis Method: EPA 8082 GC with ECD

Sample ID (TAB) 18692
Sample ID#1(CCST) STOCKPILED WOOD
Sample ID#2(CIST)
Matrix SOLID
Sampled By DALE GRAMZA
Date Sampled 1/22/02 12:00
Date Received 1/23/02 5:05
Date Analyzed 2/2/02
Date Reported 2/4/02

| | Results | Det Limit* |
|--------------|---------|------------|
| Aroclor 1016 | < DL(U) | 16.7 |
| Aroclor 1221 | < DL(U) | 16.7 |
| Aroclor 1232 | < DL(U) | 16.7 |
| Aroclor 1242 | < DL(U) | 16.7 |
| Aroclor 1248 | < DL(U) | 16.7 |
| Aroclor 1254 | < DL(U) | 16.7 |
| Aroclor 1260 | < DL(U) | 16.7 |

< DL(U)-analyzed but not detected

L=estimated value

B=analyte found in blank

E=exceed calibration range

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

PCB

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☐ EXPRESSLAB, Inc., #11369

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LABORATORY REPORT - METHOD 8081

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEG0**

Phone 851-7220
 FAX 851-7252

PO Number: **SPILL # 9710497**
 Project Number: **PTN # H80271**
 Project Cust
 Project Site: **VIDRATECH**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* =

Soil-ng/kg ppb

*Sec Individual Limit

Water-ng/L ppb

Results shown are: **Pesticides only**Extraction Method: **EPA 3550**Analysis Method: **EPA 8081 GC ECD**

Sample ID (LAB)

48692

Sample ID#1(CUST)

STOCKPILED WOOD

Sample ID#2(CUST)

Matrix

SOLID

Sampled By

DALE GRAMZA

Date Sampled

1/22/02

Date Received

1/23/02 5:05

Date Analyzed

2/2/02

Date Reported

2/4/02

| Date Reported | Results | Det Limit* | Results | Det Limit* | |
|--------------------|---------|------------|-----------------------------------|------------|-----|
| Alpha BHC | < DL(U) | 0.1 | 4,4'-DDT | < DL(U) | 0.2 |
| Beta BHC | < DL(U) | 0.1 | Endrin Aldehyde | < DL(U) | 0.1 |
| Gamma BHC | < DL(U) | 0.1 | Endosulfan sulfate | < DL(U) | 0.2 |
| Heptachlor | < DL(U) | 0.1 | Methoxychlor | < DL(U) | 1.1 |
| Delta BHC | < DL(U) | 0.1 | Endrin Ketone | < DL(U) | 0.2 |
| Aldrin | < DL(U) | 0.1 | | | |
| Heptachlor Epoxide | < DL(U) | 0.1 | | | |
| Gamma Chlordane | < DL(U) | 0.1 | | | |
| Alpha Chlordane | < DL(U) | 0.1 | | | |
| Endosulfan I | < DL(U) | 0.1 | | | |
| 4,4' DDE | < DL(U) | 0.1 | < DL(U)-analyzed but not detected | | |
| Dieldrin | < DL(U) | 0.1 | L=estimated value | | |
| Endrin | < DL(U) | 0.1 | N=analytic found in blank | | |
| 4,4' DDD | < DL(U) | 0.2 | E=exceed calibration range | | |
| Endosulfan II | < DL(U) | 0.2 | | | |

* DL = Detection Limit

< DL(U)=analyzed but not detected

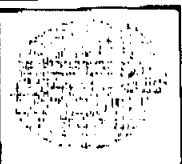
L=estimated value

N=analyte found in blank

E=exceed calibration range

RESULTS WHEN YOU WANT THEM

pest



Lozier Analytical Group

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888 - 841 - 5227

☐ EXPRESSLAB, Inc., #11369

800 - 843 - 5227

LABORATORY REPORT - 8270 TCLP

Cust **N.Y.S. DEC. REG. 9**
 Address: **270 MICHIGAN AVE.**
BUFFALO, N.Y. 14203
 Attn: **FRANCINE GALLEGO**

Phone **851-7220**
 FAX **851-7252**

PO Number: **SPILL # 9710497**
 Project Number **PLN # H80271**
 Project Cust:
 Project Site: **VINRATECH**
 Date FAXED:
 Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* -

Water=mg/L ppm

*See Individual Limit

Results shown are: **TCLP 8270 Compounds**

Extraction Method: **EPA 3510 Liquid-Liquid**

Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)
 Sample ID#1(CUST)
 Sample ID#2(CUST)
 Matrix
 Sampled By
 Date Sampled
 Date Received
 Date Analyzed
 Date Reported

| | |
|-----------------|-------|
| 48692 | |
| STOCKPILED WOOD | |
| SOLID | |
| DALE GRAMZA | |
| 01/22/02 | 12:00 |
| 01/23/02 | 05:05 |
| 02/01/02 | |
| 02/04/02 | |

2-Methylphenol
 3&4-Methylphenol
 Hexachlorobenzene
 Hexachlorobutadiene
 Hexachloroethane
 Nitrobenzene
 Pentachlorophenol
 Pyridine
 2,4,5-Trichlorophenol
 2,4,6-Trichlorophenol
 2,4-Dinitrobenzene
 1,4-Dichlorobenzene

| Results | Det Limit* |
|---------|------------|
| < DL(U) | 0.017 |
| < DL(U) | 0.033 |
| < DL(U) | 0.017 |
| < DL(U) | 0.017 |
| < DL(U) | 0.017 |
| < DL(U) | 0.017 |
| < DL(U) | 0.017 |
| < DL(U) | 0.017 |
| < DL(U) | 0.017 |
| < DL(U) | 0.017 |
| < DL(U) | 0.017 |

* DL = Detection Limit

Page 1

RESULTS WHEN YOU WANT THEM

