Advanced Cleanup Technologies, Inc.

ENVIRONMENTAL CONSULTANTS

INTERIM REMEDIAL MEASURE
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
REPORT

FORMER CHEZ VALET DRY CLEANERS
1-3 Manorhaven Boulevard
Port Washington, New York 11050

NYSDEC Site No. 1-03-169
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TABLE OF CONTENTS **Page No.**

1.0	Scope of Work		3
2.0	Introduction		4
	2.1	Site Description	4
	2.2	Previous Investigations	5
	2.3	Geology and Hydrogeology	7
3.0	Remedial Investigation		9
	3.1	Introduction	9
	3.2	Soil Quality	10
	3.3	Ground Water Quality	12
	3.4	Soil Vapor Intrusion	14
	3.5	Quality Assurance Procedures	16
4.0	Interim Remedial Measure		16
	4.1	As Built Conditions	16
	4.2	System Startup	19
5.0	Qualitative Exposure Assessment		21
	5.1	Introduction	21
	5.2	Current Levels of Contamination	22
	5.3	Exposure Pathways	22
	5.4	Potential Receptors	23
	5.5	Conclusions	24
6.0	Fish and Wildlife Assessment		25
7.0	Feasibility Study		25

TABLE OF CONTENTS (Continued) **Page No.**

7.1 Introduction 25

7.2 Nature and Extent of Contamination 25

7.3 Assessment of Land Use 26

7.4 Development of FS Alternatives 27

7.4.1 Development of Remedial Action Objectives 27

7.4.2 Development of General Response Actions 28

7.4.3 Identification and Screening of Remedial Technologies 28

7.4.4 Assembly of FS Alternatives 29

7.5 Analysis of FS Alternatives 33

7.5.1 Overall protectiveness of public health and the environment 33

7.5.2 Compliance with SCGs 34

7.5.3 Long-term effectiveness and permanence 35

7.5.4 Reduction of toxicity, mobility, or volume through treatment 35

7.5.5 Short-term impacts and effectiveness 36

7.5.6 Implementability 37

7.5.7 Cost-effectiveness 38

7.5.8 Community acceptance 39

7.5.9 Land use 39

7.6 Recommendations 40

8.0 Installation and Startup Schedule 41

TABLE OF CONTENTS (Continued) **Page No.**

FIGURES

Number	Title
1	Locational Diagram
2	Site Diagram
3	Soil Quality
4	Onsite Groundwater Quality
5	Offsite Groundwater Quality
6	Soil Vapor, Indoor and Outdoor Quality
7	Pilot Test Vacuum Measurements

TABLES

Number	Title
1	Samples Included in Remedial Investigation
2	Volatile Organic Compounds in Soil
3	Volatile Organic Compounds in Groundwater
4	Volatile Organic Compounds in Sub-Slab Soil Vapor

APPENDICES

Section	Title
A	Soil Boring Logs and Well Construction Records
B	Field Notes/ Pilot Test Results
C	Laboratory Reports
D	Data Usability Summary Report
E	Fish and Wildlife Impact Analysis Decision Tree
F	As-Built Details and Construction Photographs

1.0 SCOPE OF WORK

Advanced Cleanup Technologies, Inc. (ACT) was retained to perform a Remedial Investigation of the property located at 1-3 Manorhaven Boulevard, Port Washington, New York (the "Site"). The goals associated with the investigation are contained in a January 20, 2009 Interim Remedial Measures Work Plan ("IRM Work Plan") prepared pursuant to Section II(B)(1) of an Order On Consent (Index No. W1-0500-07-03) which was executed with the New York State Department of Environmental Conservation ("NYSDEC") on August 15, 2008.

The specific tasks completed as part of the Remedial Investigation included the following:

- Collection, screening and analysis of soil samples from nine (9) soil borings inside the former dry cleaning facility;
- Collection and analysis of ground water samples from three (3) temporary ground water monitoring wells inside the former dry cleaning facility;
- Collection and analysis of ground water samples from two (2) existing and three (3) newly installed conventional monitoring wells in the vicinity of the Site;
- Collection and analysis of air samples from five (5) sub-slab soil vapor probes, one (1) crawl space probe, three (3) indoor air canisters and one (1) ambient air canister;
- Performance of a pilot test to determine the effective radius of influence of a sub-slab depressurization/soil vapor extraction system beneath the Site.

This Interim Remedial Measure and Remedial Investigation/Feasibility Study (RI/FS) report ("Report") summarizes the results of the Remedial Investigation of the Site and provides a qualitative assessment of potential exposures associated with environmental conditions beneath the Site. This Report also contains specifications for the as built design of the sub-slab depressurization/soil vapor extraction system (SSD/SVE system) installed and operating beneath the Site.

2.0 INTRODUCTION

2.1 Site Description

A diagram depicting the vicinity of the Site is provided as Figure 1. The Site is located in a residential and commercial area in the northwest portion of Nassau County, New York. Residential properties are located to the north along Sands Point Road. A retail gasoline station and repair facility is located to the south across Manorhaven Boulevard. A commercial building is located to the east and a recently paved vacant lot is located adjacent to the Site to the west.

Current and former features of the Site are presented in Figure 2. The Site consists of two adjoining one-story commercial buildings with a combined footprint of 6,560 square feet in area on five lots totaling 13,100 square feet in area. The northern building, 1 Manorhaven Boulevard, is currently vacant and formerly housed Chez Valet Dry Cleaners until 2006 when it was purchased by the current owner. There is a 200 square foot basement in the central portion of the northern building, which extends 5 feet 8 inches below grade. The southern building, 3 Manorhaven Boulevard, is currently occupied by Evergreen Hair Stylists, a hair and nail salon and formerly contained the Breakfast Room, Ltd, a kitchen and bath showroom.

Chez Dry Cleaners was in operation prior to 1973 and up to 2006, in which Tetrachloroethene was used until that time. Tetrachloroethene is a common colorless liquid widely used in the dry cleaning industry. Multiple storage tanks were found at the Site, including an inactive aboveground oil storage tank formerly storing Tetrachloroethene in the garage and an inactive underground fuel oil tank outside the northern wall of the building. An aboveground fuel oil storage tank was also formerly located in the basement. An area where drummed chemicals were stored was located along with western interior wall of the building.

All drummed chemicals and the aboveground storage tank were removed from the Site in 2009 during implementation of the IRM. At that time, the concrete flooring on the northern portion of the building and partial basement were removed along with concrete sumps.

2.2 Previous Investigations

Several investigations have been performed that document environmental conditions beneath the Site and the adjacent lot to its west. The following summary of the principal findings from these investigations is intended to identify areas where additional information is necessary. A diagram of pertinent sampling locations utilized during these investigations is contained in Figure 3. Ground water, soil and soil vapor quality determined by these investigations are depicted in Figure 4 through Figure 6, respectively.

On November 29, 2004 Severn Trent Laboratories, (STL) produced a report containing the results of soil and soil vapor testing performed on the adjacent vacant lot to the west. The STL report described the collection of 3 soil and soil vapor samples from the eastern property boundary and 1 soil and soil vapor sample from the center of the vacant lot. All of the samples were analyzed for volatile organic compounds (VOCs). No VOCs were detected in any of the soil samples. However, several VOCs, including Tetrachloroethene, were detected in the four soil vapor samples. The highest concentration of Tetrachloroethene (200 ug/m^3) was found in soil vapor sample B-3 located in the eastern portion of the vacant lot adjacent to the western boundary of the Site. There are no specific soil vapor guidance values for Tetrachloroethene in the absence of indoor air quality data. (*Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, New York State Department of Health, October 2006*).

A January 27, 2006 report by Berninger Environmental, Inc. (BEI) documented the collection and analysis of 3 soil vapor samples and 7 ground water samples from the adjacent lot. The BEI report described the presence of 594 ug/m^3 of Tetrachloroethene in soil vapor sample SG-2 located in the center of the eastern boundary of the adjacent lot bordering the Site. The BEI report also documented the presence of 75 ug/l of Tetrachloroethene in ground water sample GW-2 located adjacent soil vapor sample SG-2. The standard for Tetrachloroethene in ground water is 5 ug/l (*Ambient Water Quality Standards, NYSDEC TOGS 1.1.1, June 1996*). Water levels gauged from three piezometers installed on the adjacent lot were used to estimate shallow

ground water flow in a southerly direction towards Manhasset Bay.

On October 30, 2006 ACT installed and sampled five temporary ground water monitoring wells around exterior portions of the Site. The two existing piezometers on the adjacent lot (PZ-1 and PZ-2) were also sampled. The ground water samples were found to contain concentrations of Tetrachloroethene ranging from 7.1 ug/l in PZ-1 to 21 ug/l in TW-05 was collected from a temporary well installed in a sump in the partial basement. Concentrations of Tetrachloroethene were below detection limits in four of the seven temporary wells sampled.

On January 9, 2007 ACT collected soil vapor and ground water samples from four locations within the former dry cleaner. Two ambient air samples were also collected inside the front and central portions of the northern building which was occupied by the dry cleaner at the time. The ground water samples were found to contain slightly elevated concentrations of Tetrachloroethene, with the highest concentration (20 ug/l) found in temporary well TW-08 located along the southwest wall of the building. Soil vapor samples ranged from 15,000 ug/m^3 to 39,800 ug/m^3 of Tetrachloroethene, with minor concentrations of Trichloroethene and Chloroform also found. The highest concentration of Tetrachloroethene in soil vapor was found in sampling location SV-04 located adjacent to the former dry cleaning machine. Concentrations of Tetrachloroethene in ambient air ranged from 190 ug/m^3 (AS-02) to 353 ug/m^3 (AS-01). The guidance value for Tetrachloroethene in ambient air with elevated sub-slab vapor concentrations is 3 ug/m^3 (*Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, New York State Department of Health, October 2006*).

On August 1, 2007, the New York State Department of Health collected indoor and outdoor air samples from three locations at and in the vicinity of the Site, including the hair salon, a residence on Ashwood Road to the west and the John Phillips Sousa Elementary School to the north. Tetrachloroethene was not detected in air inside or outside the elementary school or the neighboring residence to the west. Tetrachloroethene was detected in air within the hair salon at a concentration of 260 ug/m^3. It should be noted that the air sample within the hair salon

was collected before drummed wastes and the aboveground storage tank were removed from the Site in 2009. Copies of the Department of Health testing results are contained in Appendix C.

On November 21, 2007, ACT installed four soil borings through the concrete floor in the immediate vicinity of the former dry cleaning machine. These soil borings were continuously sampled and screened in the field with a Photoionization Detector (PID) from ground surface to the water table, which was located approximately 9 feet below ground surface. Soil samples consisted of fine to medium sand with some silt, pebbles and organic material. In-field screening produced PID readings up to 8.2 ppm in SB-01 at 4 to 5 feet below ground surface. The highest concentration of Tetrachloroethene in soil was 34 ug/kg found in SB-02. The Unrestricted Use Soil Cleanup Objective for Tetrachloroethene in soil is 1,300 ug/kg (*6 NYCRR Part 375, December 14, 2006*). Ground water samples collected from the water table surface ranged from 2 ug/l of Tetrachloroethene in TW-13 to 130 ug/l of Tetrachloroethene in TW-11, which was installed near the west wall of the building and downgradient of the former dry cleaning machine.

2.3 Geology and Hydrogeology

The Site lies at an elevation of 15 feet above mean sea level on the Manhasset Neck peninsula and 600 feet from Manhasset Bay. The Bay is popularly used for boating and recreational activities. The topography of the area is generally level with a slight downward slope towards the south. The ground surface in the vicinity of the Site is covered with asphalt roadways and parking lots, concrete sidewalks and landscaped lawns. The Site itself is covered with buildings, asphalt pavement and a small dirt covered alley.

The geology beneath the Site consists of unconsolidated Pleistocene and Late Cretaceous deposits from ground surface to approximately 300 feet below ground surface (bgs) where crystalline metamorphic bedrock of the Hartland Formation is located. The general soil

components of the subject property and its vicinity are classified as Urban Land (Ug) and Urban land Montauk complex, 3 to 8 percent slopes (UnB), respectively. Intertidal marsh is located across Manorhaven Boulevard approximately 600 feet to the south of the Site.

Previous investigations identified soil within 8 feet of ground surface as consisting of unconsolidated fine to medium grained sand with traces of pebbles, gravel and silt. During the current investigation, soil samples collected from borings installed beneath the on-site building consisted of orange, tan and brown medium to coarse sand with pebbles from ground surface to at least 10 feet bgs. Copies of boring logs generated during the Remedial Investigation are provided in Appendix A.

The major aquifer systems beneath the Site are the Pleistocene age Upper Glacial and North Shore aquifers. The Upper Glacial aquifer generally consists of fine to coarse grained stratified sand and gravel, unstratified boulders, clay and till encountered at an approximate depth of 15 feet to 0 feet msl. The North Shore aquifer consists of moderately sorted stratified drift and outwash deposits located between 150 feet and 300 feet msl. The North Shore Confining Unit, consisting of a sequence of Pleistocene age clay and silt deposits, separates the Upper Glacial and North Shore aquifers between 0 feet and 150 feet msl.

The regional direction of groundwater flow is estimated follow the topographic slope to the south towards Manhasset Bay. Shallow ground water beneath the Site was found to flow in a southerly direction during previous investigations. During the current investigation, ground water ranged in depth between 7 and 9 feet bgs in monitoring wells installed in the vicinity of the Site.

3.0 REMEDIAL INVESTIGATION

3.1 Introduction

Field activities conducted as part of the RI/FS occurred between February 9 and 11, March 6 and March 11, 2009. Copies of field notes generated during the Remedial Investigation are contained in Appendix B.

All soil and groundwater samples collected pursuant to the Remedial Investigation were analyzed for VOCs in accordance with EPA Method 8260. All soil vapor, crawl space and indoor air samples were analyzed for VOCs in accordance with EPA Method TO-15. In addition, one soil sample (SB-09 @ 9 feet) and one ground water sample (TW-15) were analyzed for semi-volatile organic compounds, pesticides and metals. A complete list of the number and type of analyses performed is provided in Table 1.

Copies of the laboratory reports are contained in Appendix C. The laboratories that performed the analyses provided Category B deliverables along with their analytical reports. A summary of the quality assurance procedures utilized during the Remedial Investigation is presented in Section 3.6. Data Usability Summary Reports for these analyses are provided in Appendix D.

The NYSDEC evaluates the presence of Tetrachloroethene in environmental media based upon the Standards, Criteria and Guidance values (SCGs) specified in DER-10 (December, 2002). Standards and Criteria are New York State regulations or statutes, while Guidance values include non-promulgated criteria and guidance that are not legal requirements *per se*, but should nonetheless be considered applicable to the Site.

The SCGs for soil quality are contained in 6 NYCRR Part 375 and CP-51. For Tetrachloroethene, the SCG is 1,300 ug/kg. The SCGs for ground water quality are contained in NYSDEC TOGS 1.1.1 (June, 1998). For Tetrachloroethene, the SCG is 5 ug/L. The SCGs for

sub-slab soil vapor and indoor air are contained in NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October, 2006). The SCG for Tetrachloroethene in sub-slab soil vapor is 100 ug/m^3, while the SCG for Tetrachloroethene in indoor is 3 ug/m^3

Soil samples collected during the Remedial Investigation met the Unrestricted Use Soil Cleanup Objectives contained in 6 NYCRR Part 375 and CP-51. Tetrachloroethene in onsite and offsite groundwater exceeded its water quality standard found in NYSDEC TOGS 1.1.1. A total of 8 VOCs commonly found in petroleum products were detected in one offsite monitoring well (MW-05) located next to an active gas station and repair shop. Three of these VOCs (Benzene, n-Propylbenzene and 1,2,4,5-Tetramethylbenzene) were detected above water quality standards.

Sub-slab soil vapor samples and indoor air samples exceeded guidance values for sub-slab vapor and indoor air contained in NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October, 2006). In summary, Tetrachloroethene met SCGs for all soil samples. However, Tetrachloroethene was detected above its SCGs in ground water, soil vapor and indoor air, warranting further action. Tetrachloroethene was the only on-site contaminant detected above SCGs and presence of Tetrachloroethene in soil; groundwater, soil vapor, and indoor air are described in the following sections.

3.2 Soil Quality

On February 10 and 11, 2009, nine soil borings (SB-05 through SB-13) were installed and sampled inside the northern building at the locations indicated in Figure 3. Each soil boring was installed utilizing a portable Geoprobe-style unit in combination with a macrocore soil sampler and dedicated acetate liners. Soil borings revealed a profile of orange, tan and brown medium coarse sand with pebbles. With the exception of SB-05, SB-06 and SB-10, all soil borings were continuously sampled from directly beneath the concrete floor to a depth of 10.5 feet bgs. Soil boring SB-05 was installed and continuously sampled to a depth of 11 feet in a

sump in the building's main floor, while soil borings SB-06 and SB-10 were sampled from ground surface to 6 inches in depth in a sump and the location of a former aboveground storage tank, respectively, in the partial basement of the building.

Soil samples from each boring were continuously screened in the field utilizing a Photovac 2020 Photo-ionization detector (PID) calibrated using a 100 part per million (ppm) isobutylene standards. No PID readings were detected in any of the soil borings. However, staining was observed in soil boring SB-12 at 9 to 10 feet in depth. Soil samples were generally collected from the terminus of each soil boring. At the request of the NYSDEC, the soil sample from SB-08 was collected one foot below the concrete floor and also utilized as a matrix spike. In addition, the soil sample from 9 to 10 feet in SB-12 where staining had been observed, was collected for laboratory analysis.

VOCs detected in soil beneath the Site are summarized in Table 2 and Figure 3. The laboratory results were compared to the Unrestricted Use Soil Cleanup Objectives contained in Table 375-6.8(a) of 6 NYCRR 375. It can be seen from Table 2 that Methylene Chloride and Tetrachloroethene were the only two VOCs detected above the laboratory's method detection limits in subsurface soil samples. In summary, no VOCs were detected in any of the soil samples above SCGs.

As indicated in Figure 3, Tetrachloroethene was only detected in soil borings SB-06, SB-09 and SB-13 and at concentrations below its SCG. Soil boring SB-06 was installed inside the dirt-lined basement sump. Soil boring SB-09 was installed beneath the former location of the dry cleaning machine. Soil boring SB-13 was installed beneath the former location of an aboveground storage tank in the attached garage.

Methylene Chloride was detected in samples from soil borings SB-06, SB-07 and SB-10 at concentrations also below its SCG. Methylene Chloride is a common solvent used in chemical analyses and may be a laboratory artifact.

3.3 Ground Water Quality

Ground water quality was determined by sampling three temporary monitoring wells installed inside the northern building and five conventional monitoring wells installed in the vicinity of the Site at the locations depicted in Figure 4 and Figure 5, respectively. The temporary monitoring wells were installed on February 10, 2009 utilizing a portable Geoprobe-style unit in combination hollow steel drive rods and a two foot slotted steel well screen. On March 9, 2009, the two former monitoring wells (MW-01 and MW-02) and three newly installed monitoring wells (MW-03 through MW-05) were sampled.

Temporary monitoring wells TW-14, TW-15 and TW-16 were installed at the locations indicated in Figure 4. Temporary well TW-14 was installed and sampled at a depth of 38 feet bgs in the southwest corner of the northern building and down-gradient from the former dry cleaning machine. The ground water sample collected from TW-14 was intended to determine the vertical extent of Tetrachloroethene beneath the Site. Temporary well TW-15, installed at a depth of 12 feet to evaluate shallow ground water quality downgradient of the former dry cleaning machine, while temporary well TW-16 was installed at 12 feet in depth directly beneath the former dry cleaning machine.

The five conventional monitoring wells sampled during the Remedial Investigation are depicted in Figure 5. Monitoring wells MW-01 and MW-02 were installed during a previous investigation by others and their construction cannot be determined with any certainty. Monitoring wells MW-03 through MW-05 were installed during the current investigation utilizing a truck-mounted Geoprobe unit. Each newly installed monitoring well consisted of one inch diameter Schedule 40 riser pipe on top of 10 feet of 0.02 inch Schedule 40 slotted well screen. Well construction logs for monitoring wells MW-03, MW-04 and MW-05 are provided in Appendix A. All equipment was fully decontaminated prior to the collection of each ground water sample.

Depth to ground water in each monitoring well ranged from 6.9 to 9 feet bgs. The casings of monitoring wells MW-03 through MW-05 were surveyed and water levels determined as indicated in Figure 5. Monitoring wells MW-01 and MW-02 were destroyed before being surveyed.

The wells were purged utilizing a Solinst peristaltic pump and dedicated polyethylene tubing. The parameters pH, conductivity, turbidity, dissolved oxygen, temperature and salinity were continuously monitored with a Model U-10 Horiba multimeter equipped with a flow-through cell. Purge and development water was screened visually and with a PID and, in the absence of contamination, discharged to the ground.

Ground water samples were collected once water quality reached equilibrium conditions. Equilibrium conditions of the five monitoring wells are summarized below. Ground water samples were collected utilizing a peristaltic pump. The Horiba water quality meter and flow through cell were disconnected from the sampling tube prior to sampling.

	MW-01	MW-02	MW-03	MW-04	MW-05
Ph	6.42	6.51	6.18	6.47	6.49
Conductivity	0.414	0.214	0.353	0.417	1.54
Turbidity	4	3	3	2	170
D.O	4.75	5.52	6.15	2.26	0.52
Temperature	11.1 C	9.5 C	10.8 C	11.1 C	11.7
Salinity	0.01	0.00	0.01	0.01	0.06

Table 3 summarizes the VOCs in ground water. As indicated in Table 3, PCE was the only site related VOC detected above SCGs. It can be seen from Figure 4 that the highest concentration of Tetrachloroethene was detected in temporary well TW-16 directly beneath the former dry cleaning machine. The concentration of Tetrachloroethene decreased by half in temporary well TW-15 only a few feet downgradient. No Tetrachloroethene was detected in the

deep ground water sample collected from temporary well TW-14.

Figure 5 depicts the extent of Tetrachloroethene in ground water in the vicinity of the Site. It can be seen from Figure 5 that Tetrachloroethene was detected in monitoring wells MW-01 and MW-02 located on the adjacent lot to the west of the Site and MW-04 located in the sidewalk southwest of the Site. Tetrachloroethene was found in ground water downgradient of the Site at concentrations above its SCG.

Ground water from temporary well, TW-15 was also analyzed for general water chemistry parameters, including nitrate, sulfate, biological oxygen demand, chemical oxygen demand and dissolved metals. These analyses were performed to determine the amenability saturated soil and ground water beneath the Site to *in situ* biodegradation of Tetrachloroethene.

The results of these analyses indicate that there does not appear to be any specific substances that could inhibit microbial degradation of Tetrachloroethene in saturated soil and ground water. However, the absence of significant electron receptors such as nitrate and sulfate, as well as the large ratio of chemical oxygen demand to biological oxygen demand appears to explain why the *in situ* biodegradation of Tetrachloroethene is not taking place.

3.4 Soil Vapor Intrusion

On February 9, 2009 soil vapor, crawl space indoor air and outdoor air quality was determined by installing and sampling five shallow soil vapor probes, one crawlspace canister, three indoor air canisters and one outdoor air canister at the locations indicated in Figure 6. Each soil vapor probe consisted of a ½ inch by 6 inch brass pipe with a threaded union and end plug cemented into pre-drilled holes in the concrete floor. The annulus around the pipe was backfilled with glass beads and the union cemented to the concrete floor with hydraulic cement.

The indoor air and outdoor air samples were collected by placing the canisters at appropriate locations around the Site. The crawlspace sample was collected by attaching a polyethylene tube to the flow controller of one Summa Canister and then extending the tubing under the crawlspace of the neighboring residence to the north of the Site.

Each sub-slab soil vapor, crawl space, indoor and ambient air sample was collected into 6 liter laboratory-issued Summa canisters with flow regulators to allow the collection of the sample over a 24 hour time period. The Canister and regulator serial numbers, start and end times and end pressures were recorded in the field book. At the completion of sample collection, al of the Summa Canisters except two were found to have final pressures of "0", indicating the absence of a vacuum inside each canister. Each canister was transported to the laboratory upon completion of sample collection.

Table 4 contains a summary of VOCs detected in sub-slab soil vapor as well as indoor, outdoor and crawlspace air. Many of the compounds detected are constituents of heating oil that may be associated with the on-site heating equipment. The adjacent gasoline service station may also be a source of some of these compounds, especially those found in the outdoor air sample. It can be seen from Table 4 that no VOCs were detected in any of the air samples above NYSDOH air guidelines.

Figure 6 depicts the extent of Tetrachloroethene and Trichloroethene in indoor air, crawlspace and sub-slab soil vapor. As seen in Figure 6, the most concentrated areas of sub-slab soil vapor were found beneath the former dry cleaning machine. It should be noted that soil vapor impacts beneath the northern building were found to be lower during the Remedial Investigation than during the 2007 sampling event when the former dry cleaning equipment was still present. Sub-slab soil vapor impacts were also detected beneath the southern building. The extent of VOCs beneath that building is most likely due to the accumulation of vapors from the adjacent former dry cleaner and not an ongoing source of contamination.

3.5 Quality Assurance Procedures

To assure the reliability of the information obtained, quality assurance procedures were performed as described in Sections 2.2 and 2.3 of DER-10. One trip blank was obtained for each day of sample collection and duplicate samples collected from each matrix sampled. In summary, all of the compounds detected in duplicate samples were the same and found at similar concentrations. In addition, no compounds were identified with the daily trip blanks.

Category B deliverables were obtained from the ELAP-certified laboratory, including the analysis of Matrix Spikes and Matrix Spike Duplicates submitted as part of the IRM and RI/FS Report. The quality assurance procedures and analyses utilized by the ELAP-certified laboratory were also evaluated to insure that samples were analyzed in accordance with appropriate analytical methodologies. These evaluations are contained in Data Usability Summary Reports provided in Appendix D. In summary, no quality assurance issues were identified in the laboratory reports provided by the ELAP-certified laboratories utilized during the IRM and RI/FS.

4.0 INTERIM REMEDIAL MEASURE

4.1 As Built Conditions

This section will serve to document the as-built conditions of the Soil Vapor Extraction (SVE)/Sub Slab Depressurization System (SSD) installed underneath the floor slab structures located at 1–3 Manorhaven Blvd., Port Washington, NY (the "Site"). Due to the presence of soil gas vapors containing Tetrachloroethene and Trichloroethene under the floor slab of the existing structures it was determined that an SSD system was necessary to address any potential exposure

to occupied spaces within the structure. Details of the SSD and vapor barrier systems installed at the Site are contained in Appendix F.

A soil vapor extraction pilot test was conducted on March 6, 2009 by ACT and witnessed by Andy Ledins, P.E. The results of the pilot test are provided in Appendix B. Key design information obtained during this study was utilized in the design of the SSD. The primary information utilized from the field pilot study data pertained to the vacuum pressure required to produce a zone of negative pressure or radius of influence (ROI) under the floor slab. This ROI would determine the location of vent wells of the permanent system installation.

Data obtained during the pilot test allowed for the evaluation of pressure drop in the subsurface soils at incremental distances from a fixed extraction point (vacuum well). This data showed that for varied vacuums between 10 to 52 inches of H_2O shallow sub slab vacuum pressures were readily measured up to 30 feet from the vacuum point. For the purposes of design it was assumed that an ROI of 15 feet would be used to provide an adequate safety factor as well as consideration for non-homogeneous fill that could exist under the salon. For the purposes of this discussion we will refer to the area previously occupied by the previous owner, Chez Valet Dry Cleaners as the "North Room" and the area presently occupied by the salon as the "South Room".

During the initial stages of the project the owner removed all remaining equipment utilized by the previous owner from the North Room. Floor coverings were removed to expose the existing concrete floor slab and wall coverings were removed to expose the word framing and cinderblock structures of the outer walls of the North Room. Examination of the existing floor slab showed concrete with cracks, inadequate structural quality and poor finish that would be an impediment to the placement of a liner system. In addition closer inspection of the basement structure revealed that the concrete masonry unit walls were also structurally unsafe.

Given that the basement was the proposed location of the SSD system's mechanical equipment; this area would need to be reinforced to a structurally sound condition prior to its utilization.

To this end the entire floor slab was removed, crushed and utilized as fill material in areas of the North Room that needed to be brought up to the proposed finished grade. The basement area had new reinforced, poured in place concrete walls and floor constructed.

The design of the SSD system in the North Room utilized horizontally placed piping with 4 foot screen sections placed at defined locations. The location of the screens was based on a 15 foot ROI that in combination would allow full coverage of the North Room footprint. Please refer to the attached as-built drawings. Each 4 foot section of screen would be connected by an individual pipe to the basement area where a dedicated control valve could be utilized to balance each leg of the system. The horizontal piping screens were bedded in bank run gravel and wrapped in geotextile to protect the system from damage and from fine material migrating into the screens and extraction equipment. Please refer to attached as built details and construction photographs located in Appendix F.

Once the piping system was installed, gravel was used to bring the entire area to a uniform elevation. The gravel (well-rounded) serves to protect the liner placed on top of it as well as provide a porous media that would propagate the vacuum influence over the required areas. A high density polyethylene (HDPE) liner was placed on top of the gravel as a vapor barrier. All seams as well as utility penetrations and terminations along outer walls were sealed as noted on the as built drawings. A reinforced concrete slab was poured over the entire North Room area including the now reinforced basement area. It should be noted that all pipe penetrations into the basement area were cast into the new concrete wall which provides excellent sealing against vapor migration. All mechanical equipment was placed into the basement and all piping connections completed prior to the concrete being poured over it to form

the ceiling structure of the basement. Please refer to construction photographs that show actual field progress through these steps.

The salon area or South Room is an operational hair salon. Because of this, the design for this area incorporated vertical wells into the sub slab to complete the depressurization system for this area. The vertical wells could be quickly and efficiently installed next to existing interior partitions, structures or outer walls with minimum disturbance to the existing floor. Piping could then be run vertically to an elevation above the hung ceiling where it could then be routed to the mechanical equipment located in the basement of the North Room. Please refer to the attached as built drawings and construction photographs.

Well locations in the South Room were selected to allow for 15 foot ROI. Four Wells were utilized to provide coverage of the entire South Room. Similar to the construction of the horizontal wells in the North Room, the South Room's wells can be individually controlled from the basement area where the mechanical equipment is installed.

In general, the installation of the sub slab to pressurization system was performed in accordance with the required design.

4.2 System Startup

Initial system shakedown and start up took place on February 7, 2011. All sub slab depressurization system equipment was individually checked and tested independently and apart from the piping system to make sure all complements were in working order and had proper system settings. Two, 55 gallon capacity, vapor phase carbon drums are connected to the exhaust of the sub slab depressurization system to treat any potential chemicals of concern prior to

discharge to the atmosphere outside of the building. All connections and valve settings to the vapor phase carbon drums were inspected prior to applying vacuum to the sub slab piping system.

Initial system balancing efforts were conducted on February 7. 2011. System balancing involved modulating the valves in the basement area while measuring a total of seven vapor points located in both the North and South Rooms.

ACT had installed 2 vapor points in the South Room and 5 vapor points in the North Room through the floor slab of those areas prior to start up. Each vapor point was installed through the slab, grouted to ensure vapor tightness and fitted with plugs. During testing and start up these plugs are removed and replaced with ball valves and a barbed end fitting that would allow the connection of a vacuum measurement device. Please refer to construction photographs.

As the system is balanced, all vapor points are monitored and recorded for vacuum measurements. Valves are then adjusted at the vacuum unit to modulate the vacuum and flow to the individual legs. This is done until all the vacuum points have fairly uniform vacuum readings. Please refer to the attached as built drawings which includes a summary of readings taken on 2/7/2011.

During the initial system balancing efforts, air samples were also taken from the exhaust of the sub slab depressurization system. Holes were drilled in the PVC piping before and after the carbon drums. PID readings were taken and recorded (please see as built drawings for recorded data and photographs of sample points). In addition, air samples were gathered utilizing summa canisters that will be analyzed for chemicals of concern.

Due to a malfunctioning of one vertical well in the South Room, a rebalancing effort was conducted on February 16, 2011. During this effort a disconnected pipe was identified and repaired. This repair enabled all the Wells in the system to be put online in accordance with the design intent. Vacuum readings were achieved in all the vapor points varying from -0.015, to -0.091 inches of H2O. Specifications and as built drawing for the installed equipment, performance curves and power utilization and are contained in Appendix F.

In summary, the sub slab depressurization system is operating as intended and in accordance with the intended design. Additional system balancing may be warranted as remedial efforts progress and more or less flow have to be focused to targeted areas.

5.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

5.1 Introduction

This exposure assessment has been prepared as part of an IRM and RI/FS of the Site in accordance with NYSDEC regulations and/or guidelines.

The Site is located in a residential and commercial area in the northwest portion of Nassau County, New York. The ground surface at the Site is covered by the building, asphalt or concrete sidewalks. Access to the Site is not limited as a fence is not present. The Site is currently used as a hair and nail salon with an unoccupied commercial unit. It is assumed that the Site will continue to be utilized as a retail commercial establishment. Residential properties border the Site to the north and commercial properties border the Site to the west, east and south.

The Site investigations characterized soil, indoor air, soil vapor and ground water and determined that Tetrachloroethene exceeded applicable SCGs for ground water and guidance

matrices for vapor intrusion. Therefore, the constituent of concern at the Site and summarily evaluated in this exposure assessment is Tetrachloroethene. Tetrachloroethene is a central nervous system depressant and can enter the body through inhalation, ingestion and dermal exposure.

5.2 Current Levels of Contamination

Soil Quality

Soil samples collected beneath the onsite building contained concentrations of Tetrachloroethene that are below SCGs. The maximum extent of soil contamination was found beneath the former dry cleaning machine (SB-09), where 190 ug/kg of Tetrachloroethene was found at a depth of 10.5 feet.

Indoor Air and Soil Vapor Quality

Tetrachoroethene was detected within indoor air (up to 5 ug/m^3) and sub-slab soil vapor (up to 13,700 ug/m^3) at concentrations that exceed NYSDOH guidance when applied to Matrix II. No off-site impacts to indoor air were detected.

Groundwater Quality

The maximum extent of ground water contamination was identified beneath the former dry cleaning machine where 68 ug/L of Tetrachloroethene was found. The maximum extent of offsite ground water contamination (35 ug/L) was identified approximately 200 feet downgradient of the site (MW-04). The SCG for Tetrachloroethene is 5 ug/L.

5.3 Exposure Pathways

An exposure pathway describes the means by which an individual may be exposed to contaminants originating from a Site. An exposure pathway has five elements: (1) a contaminant

source; (2) contaminant release and transport mechanisms; (3) a point of exposure; (4) a route of exposure; and (5) a receptor population. An exposure pathway is complete when all five elements are documented.

Soil vapor and ground water are the two media exceeding applicable SCGs. Individuals can be exposed to contaminated soil vapor by inhaling air that has entered a building through holes or cracks in the floor, known as vapor intrusion. Utility workers excavating trenches beneath the Site may also be exposed to contaminated soil vapor.

Ground water in the vicinity of the Site is located more than 6 feet below ground surface and is not currently utilized for consumption or irrigation. The only possible route of exposure would be through contact with contaminated ground water during construction. Due to its depth, utility workers are not expected to come in contact with contaminated ground water.

5.4 Potential Receptors

An investigation of receptors has been performed to determine the probability of any impact to receptors by the Site. Residential properties are located to the north along Sands Point Road and to the northwest along Ashwood Road. A Sunoco Service Station is located to the south and a commercial building, Gold Coast Dental, is located to the east. A vacant lot owned by the Village of Manorhaven is located to the west. A public elementary school is located approximately 350 feet to the northeast.

The portion of the Site formerly utilized as a dry cleaner is capped with a high density polyethylene vapor barrier beneath a poured concrete floor and the remainder of the building is capped with a concrete floor. An active sub-slab depressurization system was installed beneath the entire building and is currently operating. The area is serviced by a municipal water supply and the elementary school has a public water supply connection. Potential receptors include

employees occupying the Site, onsite construction workers and visitors. A summary of current and potential exposures from the Site is provided in the following table.

Environmental Media and Exposure Route	Human Exposure Assessment
a. Direct contact with surface soils and subsurface soils (and incidental ingestion)	No exposure to soils as no detections exceeded SCGs.
b. Ingestion of ground water	Contaminated ground water is not being used for drinking water, as the area is served by the public water supply.
c. Direct contact with ground water	People can come into contact if they conduct ground-intrusive work at the site or within the area of ground water contamination from the Site.
d. Inhalation of air (exposures related to soil vapor intrusion)	A ventilation system has been installed on the onsite building to prevent the indoor air quality from being affected by the contamination.

5.5 Conclusions

The SSD/SVE system has been installed and continues to operate at the Site to eliminate potential exposures to on-site occupants via soil vapor intrusion. Utility workers are unlikely to come in contact with contaminated ground water since typical utility excavations do not extend 6 feet below ground surface, the minimum depth that ground water was detected beneath the Site.

Based upon sampling performed at the Site during the current investigation and at offsite locations during previous sampling events by the NYSDOH, neighboring properties and the elementary school have not been impacted by site-related contamination.

6.0 FISH AND WILDLIFE ASSESSMENT

A Fish and Wildlife Resources Impact Analysis (FWRIA) was performed in accordance with Section 3.10 of DER-10 Technical Guidance for Site Investigation and Remediation. In summary, soil contamination is below unrestrictive use soil cleanup objectives. After following the FWRIA Decision Key, no FWRIA was needed. Responses supporting the analysis are contained in Appendix E.

7.0 FEASIBILITY STUDY

7.1 Introduction

This Feasibility Study (FS) documents the process followed to develop and evaluate remedial alternatives to address potential exposure to site-related chemicals. As mentioned in Section 4.0, an SSD/SVE system has already been installed and placed into operation to address impacts to soil vapor beneath and indoor air quality within the onsite building. The proposed remedy is intended to address residual impacts to soil beneath the onsite building and ground water downgradient of the Site.

7.2 Nature and Extent of Contamination

Soil samples collected beneath the onsite building contained concentrations of tetrachloroethene that are below regulatory criteria. The maximum extent of soil contamination was found beneath the former dry cleaning machine (SB-09), where 190 ug/kg of Tetrachloroethene was found at a depth of 10.5 feet.

Tetrachloroethene was detected in soil vapor beneath the onsite building at levels exceeding NYSDOH Matrix II guidance values. The highest concentration of Tetrachloroethene in sub-slab soil vapor was found beneath the former dry cleaning machine (13,700 ug/m^3 at VP-03S).

The maximum extent of ground water contamination was also identified directly beneath the former dry cleaning machine (TW-06) at a depth of 12 feet where 68 ug/L of Tetrachloroethene was found. However, no vertical contamination was identified at a depth of 38 feet in close proximity to the former dry cleaning machine (TW-14). The maximum extent of offsite ground water contamination (35 ug/L) was identified approximately 200 feet downgradient of the Site (MW-04).

7.3 Assessment of Land Use

The following site-specific information was considered during the assessment of land use for this Site:

- The site is owned by Southampton Masonry Tools, LLC and is currently being used as a hair salon and unoccupied space. The Nassau County Assessor's Office identifies the Site (Tax Map No. 4-74-1, 2, 3, 4, 5) as zoned for commercial use. The onsite building is identified as a retail store.

- The Site is located in a commercial and residential area in the northwest portion of Nassau County, New York. Residential properties are located along Sands Point Road to the north of the subject property. A Sunoco Service Station is located to the south and a commercial building, Gold Coast Dental, is located to the east. A vacant lot owned by the Village of Manorhaven is located to the west of the subject property. A public elementary school is located approximately 350 feet to the northeast.

- The ground surface in the vicinity of the Site is covered with gravel, asphalt and concrete pavement and landscaped lawns. Manhasset Bay is located approximately 600 feet to the south. The Long Island Sound is located approximately 1.5 miles to the north. No freshwater wetlands were identified at or adjacent to the Site. According to NYS Department of Conservation maps, the nearest tidal wetland consists of intertidal marsh located approximately 600 feet from the Site across Manorhaven Boulevard to the south.

Given the foregoing, the reasonably foreseeable land uses for the Site is commercial with

commercial, residential and educational uses in its immediate vicinity. These land uses were considered further in the risk evaluation summarized in the following section.

7.4 Development of FS Alternatives

This section documents the development of four FS alternatives that were evaluated to provide for the protectiveness and meeting the Remedial Action Objectives (RAOs) identified herein. RAOs are media specific or operable unit specific objectives for the protection of public health and the environment and are developed based upon contaminant-specific SCGs.

This section describes RAOs that were identified for the FS as being consistent with 6 NYCRR Part 375 and DER-10 for the development of FS alternatives. This section also describes the media to be addressed by the FS alternatives and identifies specific remedial technologies that, following screening, were used to develop the range of alternatives for evaluation in this FS.

7.4.1 Development of Remedial Action Objectives

RAOs are media-specific goals for protecting human health and the environment. RAOs form the basis for this FS by providing overall goals for the Site. The RAOs are considered during the identification of appropriate remedial technologies and formation of alternatives, and later during the evaluation of alternatives.

The RAOs were developed based on the assessment of risks. Specifically, as identified in Section 5.0, the assessment of risks found that contaminated soil vapor and ground water pose a potential threat to human health and the environment, based on conservative screening. For these reasons, the RAOs are to mitigate, to the extent necessary and practicable, the following:

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a Site;
- Prevent contact with groundwater containing contaminant levels exceeding drinking water standards;
- Remove the source of ground or surface water contamination.

7.4.2 Development of General Response Actions

General Response Actions (GRAs) are media-specific actions that may be combined into alternatives to satisfy the RAOs. GRAs that address the RAOs related to the media to be addressed in this FS are:

- No action
- Hydraulic control actions – actions that collect or control ground water flow preventing further migration
- Treatment actions – *in situ* or *ex situ* actions that treat contaminants to reduce mobility or toxicity in soil, soil vapor and ground water
- Containment Actions – actions that minimize the potential for direct contact with soil and ground water
- Excavation/removal/disposal actions - actions that remove and dispose of impacted soil

7.4.3 Identification and Screening of Remedial Technologies

Potentially applicable remedial technologies for the above GRAs were identified during this step. Technologies were screened on the basis of technical implementability. Technical implementability for each identified technology was evaluated with respect to contaminant

information, physical characteristics and areas and volumes of affected media.

The remedial technologies that were viewed as not implementable were not considered further in the FS. The technologies retained for further consideration for each medium of concern are presented below.

Subsurface soil:	Containment and *in situ* physical treatment:
Soil Vapor/Indoor air:	*In situ* physical treatment;
Ground water:	*In situ* chemical treatment, physical treatment and monitored natural attenuation.

7.4.4 Assembly of FS Alternatives

Three FS alternatives were developed by assembling GRAs into combinations that address soil vapor, indoor air and ground water contamination. These include the following:

- SSD/SVE and Groundwater Monitoring
- SSDSVE, *In Situ* Chemical Oxidation and Monitoring
- SSD/SVE, Ground Water Extraction, Treatment and Monitoring

A summary of the three FS alternatives along with the No Action alternative required by DER-10 is presented below.

Alternative 1: No Action

Under Alternative 1, no action would be taken and the Site would remain in its current condition. This alternative is required by DER-10 as a benchmark for the evaluation of action alternatives.

Alternative 2: SSD/SVE and Groundwater Monitoring

Sub-Slab Depressurization (SSD) is a common method that prevents vapor entry by reducing the air pressure beneath a building's slab or foundation floor. Vapor is drawn from below the building and vented through pipes to the atmosphere above the building.

The NYSDOH recommends methods such as SSD that prevent vapor entry by actively manipulating the pressure differential between the building's interior and exterior. In buildings with basements or slab-on-grade foundations, sub-slab depressurization is the most common and usually the most reliable mitigation method.

Soil vapor extraction (SVE) is a primary presumptive remedy according to DER-15, and has been selected most frequently to address VOC contamination in soil and ground water. SVE physically removes contaminants from unsaturated zone soils by inducing air flow through the soil matrix. The flowing air strips volatile compounds from the soil and carries them to extraction points. The resultant change in vapor pressure above the water table induces dissolved VOCs to enter the unsaturated zone, producing an improvement in ground water quality.

Granular Activated Carbon (GAC) is an excellent sorbent due to its large surface area, which generally ranges from 500 - 2,000 square meters per gram (m^2/g). It removes contaminants from groundwater by adsorption. Because of its adsorption capacity, gas phase GAC to treat contaminated soil vapor is often more economical than other treatment processes. GAC systems typically consist of one or more vessels filled with carbon connected in series and/or parallel operating under atmospheric, negative, or positive pressure. The carbon can then be regenerated or disposed, depending upon economic considerations.

Under Alternative 2, ground water would be monitored on a quarterly basis until water quality standards were met or the NYSDEC approved an application to discontinue monitoring. Engineering controls would be implemented to insure that the SSD/SVE system was being maintained and GAC canisters replaced as needed. Institutional controls such as deed restrictions would limit excavation except under the direction of an environmental professional.

Alternative 2 includes the following general tasks:

-an impermeable vapor barrier under the part of the building formerly containing the dry cleaning machine;
-sub-slab depressuration piping under the entire building;
-an SVE blower to collect and GAC to treat contaminated soil vapor prior to discharge to the atmosphere;
-monitoring for asymptotic improvement in ground water quality;
-implementation of engineering and institutional controls

Alternative 3: SSD/SVE, *In Situ* Chemical Oxidation and Monitoring

The SSD/SVE system proposed for this alternative was discussed in Alternative 2 above.

Chemical oxidation uses oxidizing agents such as ozone, hydrogen peroxide, permanganate, hypochlorite, chlorine, and chlorine dioxide to completely decompose the hydrocarbons into carbon dioxide, water and chloride ions. *In situ* chemical oxidation involves injecting chemical oxidants directly into the groundwater.

Under Alternative 3, ground water would be monitored on a quarterly basis until water quality standards were met or the NYSDEC approved an application to discontinue monitoring. Engineering controls would be implemented to insure that the SSD/SVE system was being maintained and GAC canisters replaced as needed. Institutional controls such as deed restrictions would limit excavation except under the direction of an environmental professional.

Alternative 3 includes the following general tasks:

-an impermeable vapor barrier under the part of the building formerly containing the dry cleaning machine;
-sub-slab depressuration piping under the entire building;
-*In situ* chemical oxidation of Tetrachloroethene in ground water;
-monitoring for asymptotic improvement in ground water quality.
--implementation of engineering and institutional controls

Alternative 4: SSD/SVE, Ground Water Extraction, Treatment and Monitoring

The SSD/SVE system proposed for this alternative was discussed in Alternative 2 above.

Ground water extraction and treatment creates a depression of the water table so that contaminated groundwater is directed toward pumping wells within the plume area. The groundwater extraction system is designed so that the capture zone is sufficient to cover the lateral extent of the area of concern. The total number of extraction wells would be determined during the pilot test and the design. Groundwater is collected during recovery operations, which is then treated by air stripping and then GAC adsorption if necessary.

Air stripping uses volatilization to transfer contaminants from ground water to air. In general, water is contacted with an air stream to volatilize dissolved contaminants into the air stream. Depending on the level of contaminants in the air discharge, the contaminated air stream may need further treatment.

Under Alternative 4, ground water would be monitored on a quarterly basis until water quality standards were met or the NYSDEC approved an application to discontinue monitoring. Engineering controls would be implemented to insure that the SSD/SVE system was being maintained and GAC canisters replaced as needed. Institutional controls such as deed restrictions would limit excavation except under the direction of an environmental professional.

Alternative 4 includes the following general tasks:

-an impermeable vapor barrier under the part of the building formerly containing the dry cleaning machine;
-sub-slab depressurization piping under the entire building;
-a recovery system to collect contaminated ground water and air stripper with GAC to clean ground water and treat contaminated vapor prior to discharge to the atmosphere;
-monitoring for asymptotic improvement in ground water quality.
--implementation of engineering and institutional controls

7.5 Analysis of FS Alternatives

The objective of the analysis of alternatives is to present sufficient information to allow the alternatives to be compared and a remedy selected in accordance with 6 NYCRR 375-2.8. The analysis consisted of an individual assessment of each alternative with respect to the nine evaluation criteria that encompass statutory requirements and overall feasibility and acceptability. The nine evaluation criteria are:

- Overall protectiveness of public health and the environment;
- Compliance with SCGs;
- Long-term effectiveness and permanence;
- Reduction of toxicity, mobility, or volume through treatment;
- Short-term impacts and effectiveness;
- Implementability;
- Cost-effectiveness;
- Community acceptance;
- Land use.

7.5.1 Overall Protection of Public Health and the Environment

The analysis of each alternative with respect to this criterion provides an evaluation of whether the alternative would achieve and maintain adequate protection and a description of how site risks would be eliminated, reduced or controlled through treatment, engineering or institutional controls.

Alternative 1 will not afford protection of public health or the environment since exposure could occur in the absence of soil vapor mitigation.

Alternatives 2, 3 and 4 have already achieved adequate protection of public health by preventing the public from coming in contact with contaminated soil vapor. In addition, ground water monitoring will continue under the three alternatives until SCGs are met or an application to waive SCGs is granted by the NYSDEC upon reaching an asymptotic improvement in ground water quality in light of the future anticipated use of the Site as a retail commercial establishment.

7.5.2 Compliance with Standards, Criteria and Guidance

Each alternative is evaluated to assess whether it would attain SCGs or provide grounds for invoking a waiver. Applicable SCGs for the Site are discussed in Section 3.1.

Alternative 1 may eventually achieve SCGs for soil vapor, but over an undetermined period during which time the onsite building could not be occupied.

Alternatives 2, 3 and 4 will achieve soil vapor and indoor air SCGs by continued operation of the SVE/SSD system. Maintenance of engineering and institutional controls over the Site will insure that soil vapor and indoor air SCGs continue to be met in the future.

Alternatives 3 and 4 may achieve ground water SCGs faster than Alternative 2. However, the time saved under Alternatives 3 and 4 verses Alternative 2 cannot be determined. Under all three action alternatives, ground water monitoring will continue until SCGs are met or an asymptotic improvement in ground water quality has been reached.

7.5.3 Long-Term Effectiveness and Permanence

Each alternative is evaluated to assess the long-term effectiveness and permanence it would afford. Factors considered, as appropriate, include:

- the magnitude of potential residual risk from materials remaining at the conclusion of the remedial activities. The characteristics of the remaining materials are considered to the degree that they hazardous, taking into account their mobility, toxicity and volume, as well as their propensity to bioaccumulate.

- the adequacy and reliability of controls, such as containment systems and institutional controls, necessary to manage materials left on site. This factor addresses the uncertainties of remedial components, the assessment of the potential need to replace components of the alternative, and the potential exposure pathways and risks posed should the remedial action need replacement.

Alternative 1 would provide no assurance of achieving SCGs until they were actually met, which will take an undetermined period of time.

Under Alternatives 2, 3 and 4, the maintenance of engineering and institutional controls over the Site will insure that soil vapor and indoor air SCGs continue to be met in the future and that construction workers will not come in contact with ground water without proper protection.

7.5.4 Reduction of Toxicity, Mobility or Volume through Treatment

For each alternative, the degree to which the alternative results in the reduction of mobility, toxicity or volume is assessed. Factors considered, as appropriate, include:

- the treatment or recycling processes the alternative would employ and the materials it would treat

- the amount of hazardous substances, pollutants or contaminants that would be treated or recycled

- the degree of expected reduction of mobility, toxicity or volume of the waste due to treatment or recycling and the specifications of which reductions would occur

- the degree to which treatment would be irreversible
- the type and quantity of residuals that would remain following treatment, considering the persistence, toxicity, mobility and propensity to bioaccumulate such hazardous substances and their constituents
- the degree to which treatment would reduce the inherent hazards posed by the Site

Alternative 1 will not result in the reduction of mobility, toxicity or volume of Tetrachloroethene.

Alternatives 2, 3 and 4 are currently reducing the mobility and volume of Tetrachloroethene by capturing soil vapor beneath the building and treating it with GAC.

Alternatives 3 and 4 would achieve a greater reduction in the mobility and volume of Tetrachloroethene in ground water than Alternative 2 since Tetrachloroethene would be removed from ground water either by ground water pumping or *in-situ* oxidation. Under either alternative, the amount of reduction cannot be quantified and should be considered insignificant in light of the dispersed and attenuated nature of offsite ground water contamination.

7.5.5 Short-Term Impacts and Effectiveness

The short-term impacts of each alternative are assessed, considering the following:

- short-term potential risks that might be posed to the community during implementation of the alternative
- potential impacts to workers during implementation of the remedy and the effectiveness and reliability of protective measures
- potential environmental impacts of the remedial action and the effectiveness and reliability of mitigative measures during implementation
- time until protection would be achieved

Alternative 1 will not result in any short-term impacts. Alternative 1 will also not be effective in achieving SCGs in a finite amount of time.

Alternatives 2, 3 and 4 have already achieved protection of public health by preventing exposure to soil vapor contamination.

Alternative 3 is less reliable than Alternative 2 since it will require an extensive number of injections of chemical oxidizer over a very large area until ground water quality improves. In the interim, the chemical oxidizer, which contains several hazardous substances, requires storage and protection to avoid contact with the public.

Alternative 4 is less reliable than Alternative 2 since ground water pumping equipment has greater and more frequent maintenance requirements, including the generating of more wastes and system downtime.

7.5.6 Implementability

Each alternative is assessed relative to the ease or difficulty of implementation by considering the following types of factors, as appropriate:

- technical feasibility, including technical difficulties and unknowns associated with the construction and operation of a technology, the reliability of the technology, the ease of undertaking additional remedial actions, and the ability to monitor the effectiveness of the remedy

- administrative feasibility, including activities needed to coordinate with other offices and agencies

- ability and time required to obtain any necessary approvals and permits from agencies

- availability of services and materials, including the availability of adequate offsite treatment, storage and disposal capacity and services; the availability of necessary equipment and specialists, provisions to obtain necessary additional resources; and the availability of prospective technologies.

Alternative 1 will have no difficulty of implementation.

Alternatives 2 will have the least difficulty of implementation since the SSD/SVE system is already installed and operational at the site. Ground water monitoring, engineering and institutional controls are the same for Alternatives 2, 3 and 4.

Alternatives 3 and 4 will have significant difficulty in implementation due to the vast logistical requirement for in-situ chemical oxidation or ground water extraction and treatment.

7.5.7 Cost Effectiveness

A summary of the estimated cost to install and operate each of the proposed alternativess is presented below:

Alternative	Capital Cost	Annual OM&M	Present Value (10 years)
Alternative 1	0.00	0.00	0.00
Alternative 2	50,000.00	10,000.00	61,391.33
Alternative 3	500,000.00	50,000.00	306,956.63
Alternative 4	1,000,000.00	100,000.00	613,913.25

Alternative 1 will be the least expensive alternative.

Alternative 2 will be the least expensive of the 3 action alternatives. The majority of expenses will be associated with monitoring the SSD/SVE system and ground water sampling and analysis.

Alternative 3 is the second most expensive alternative. It includes the cost of Alternative 2 plus capital and recurring costs for injecting and monitoring the effects of chemical oxidizers, along with incidental administrative and legal costs to obtain access to offsite properties.

Alternative 4 is the most expensive alternative. As with Alternative 3, it includes the cost of Alternative 2. It would also include the cost to construct and maintain a piping network over the ground water plume and equipment to recovery, treat and discharge of the large volume of ground water requiring treatment.

7.5.8 Community Acceptance

The NYSDEC will communicate with and solicit the views of the interested public concerning the proposed remedy, including a summary of its reasons for preferring it over the other remedial alternatives considered and the construction and site management requirements of the proposed remedy. At the appropriate time, the public will have an opportunity to communicate its views through the submission of written and oral comments, including an opportunity for submission of oral comments at a public meeting on the proposed remedy.

All alternatives will have the same opportunity to be evaluated during the public comment period.

7.5.9 Land Use

The current, intended and reasonably anticipated future land uses of the Site and its surroundings in the selection of the remedy where cleanup to pre-disposal conditions is determined not feasible.

Alternative 1 will have some impact to land use since the onsite building would not be occupied without an operational SSD/SVE system, resulting in an idle property at a popular intersection in Port Washington.

Alternative 2 will have no negative impact and long-term positive impact to surrounding land use. Operation of the SSD/SVE system allows for the complete commercial occupancy of the onsite building, with associated tax revenues to the local municipality. With the building's

renovation being completed, the property should become an asset to the neighborhood.

Alternative 3 and 4 may produce some negative impacts to land use due to the necessity of long-term access requirements associated with active offsite ground water remediation.

7.6 Recommendations

As part of the overall goal to provide long-lasting protection to the local community and restore soil vapor and ground water quality beneath the Site, three action alternatives were developed and evaluated for the Site to address RAOs. This section presents the recommended alternative that is proposed in this FS to provide long-lasting protection to the Site and its vicinity.

Following the evaluation of alternatives documented above, Alternative 2 (SSD/SVE and ground water monitoring) is recommended as the remedial action for the Site. Alternative 2 would provide the best balance of the evaluation criteria while achieving the RAOs set forth in this FS report. RAOs would be achieved by Alternative 2 as follows:

- Direct contact with soil beneath the Site has already been eliminated by replacement of the former cracked and degraded concrete floor with an impermeable vapor barrier and new concrete floor;
- Operation of a SSD/SVE system at the Site will prevent vapors from accumulating beneath the slab and entering the air within the building, and remove contamination within the vadose zone and limit contamination of the aquifer.
- Collection and analysis of ground water samples on a periodic basis will generate water quality data that will permit an evaluation of the effectiveness of the remedial action and the point at which remedial activities can be terminated.

In addition to addressing the identified RAOs, the recommended remedial action would provide for Site use consistent with the reasonably anticipated future land uses for the Site.

8.0 INSTALLATION AND STARTUP SCHEDULE

Installation and startup of the IRM is complete. Start up monitoring has commenced and will take several additional weeks to complete. As-built documentation is provided in Appendix F. A final startup report will be submitted once startup of the IRM is complete.

FIGURES



From: Historicaerials.com (2000)

N

Locational Diagram

Advanced Cleanup Technologies, Inc.
960 S Broadway, Suite 108, Hicksville, New York 11801
Tel: 516-933-0655 Fax: 516-933-0659

Project No.: 6521-PWNY	Figure No.: 1
Date: 02/16/2011	Scale: 1 inch = 2000 feet

Former Storage

Garage (Former Boiler Room)

Inactive Underground Fuel Oil Tank

Asphalt Pavement

Former Bath

Former Aboveground StorageTank

Former Boiler

Former Dry Cleaning Machine

Former Aboveground Storage Tank

Former Sump

Basement

Former Sump

1 STORY BUILDING
(FORMER DRY CLEANER)

Former Chemical Storage

N

SANDS POINT ROAD

SIDEWALK

Asphalt Pavement

1 STORY BUILDING
(EVERGREEN HAIR SALON)

ALLEY (DIRT)

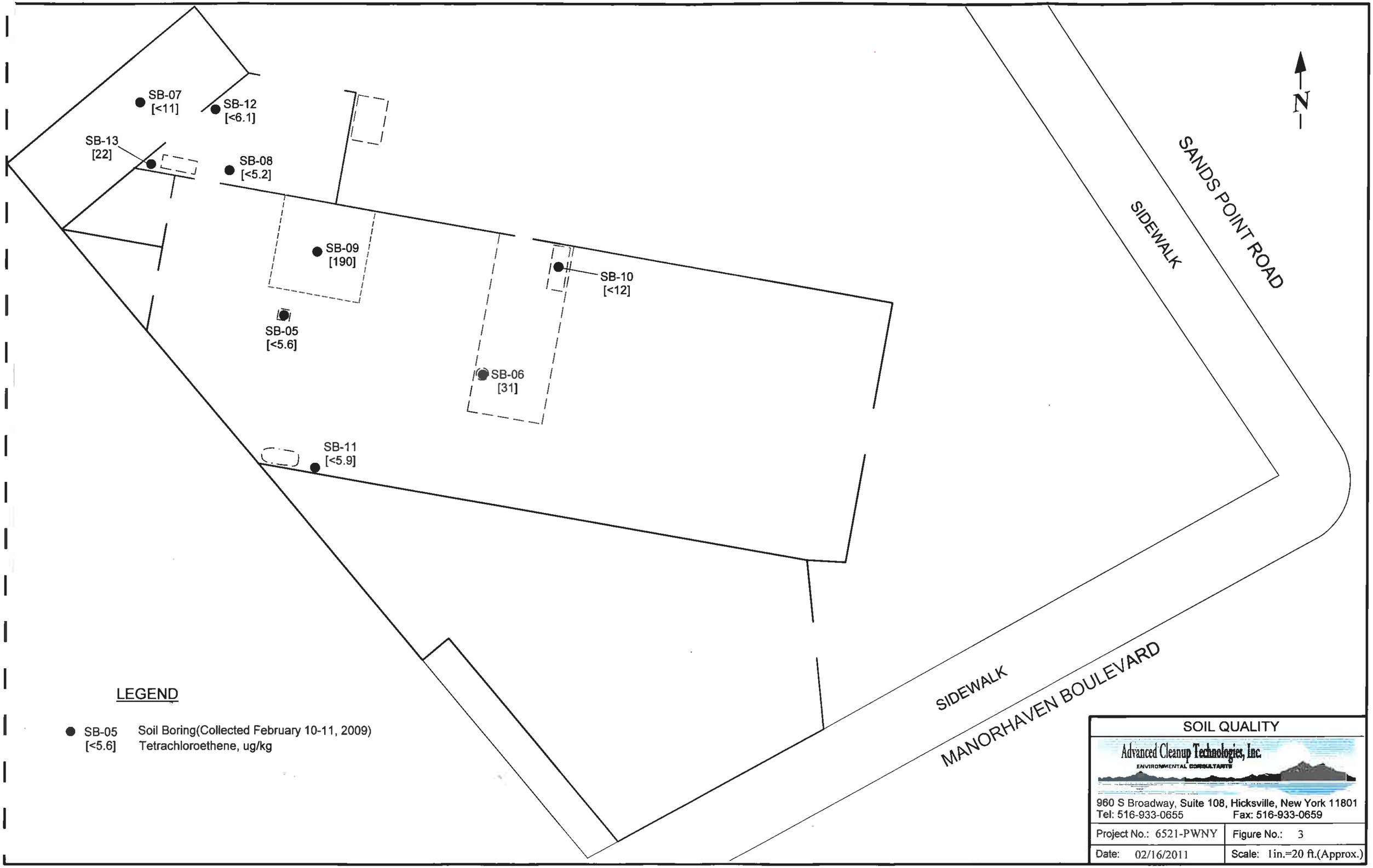
SIDEWALK

MANORHAVEN BOULEVARD

SITE DIAGRAM

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS
960 S Broadway, Suite 108, Hicksville, New York 11801
Tel: 516-933-0655 Fax: 516-933-0659

Project No.: 6521-PWNY	Figure No.: 2
Date: 02/16/2011	Scale: 1in.=20 ft.(Approx.)



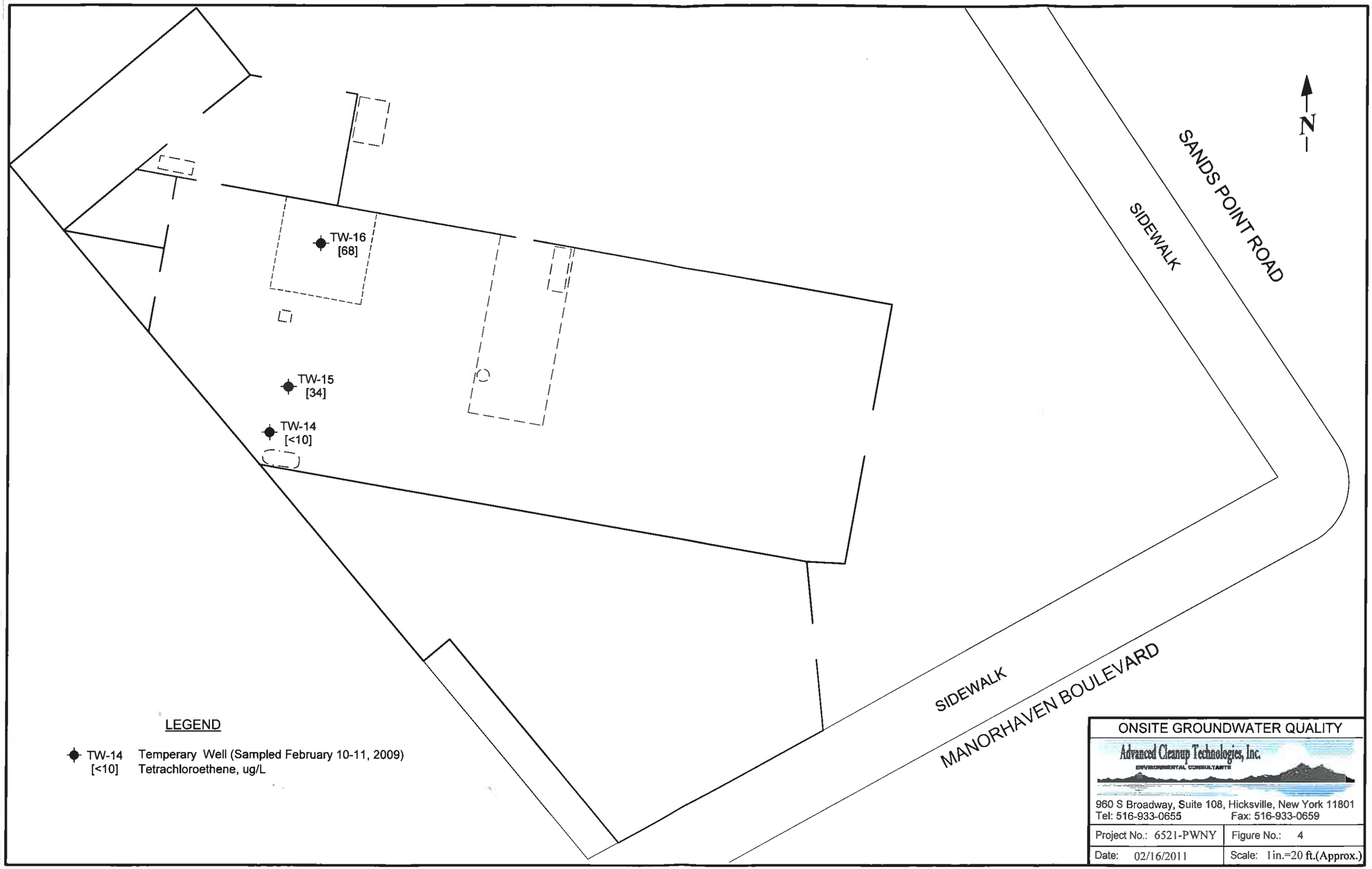
LEGEND

● SB-05 Soil Boring(Collected February 10-11, 2009)
[<5.6] Tetrachloroethene, ug/kg

SOIL QUALITY

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS
960 S Broadway, Suite 108, Hicksville, New York 11801
Tel: 516-933-0655 Fax: 516-933-0659

Project No.: 6521-PWNY	Figure No.: 3
Date: 02/16/2011	Scale: 1in.=20 ft.(Approx.)



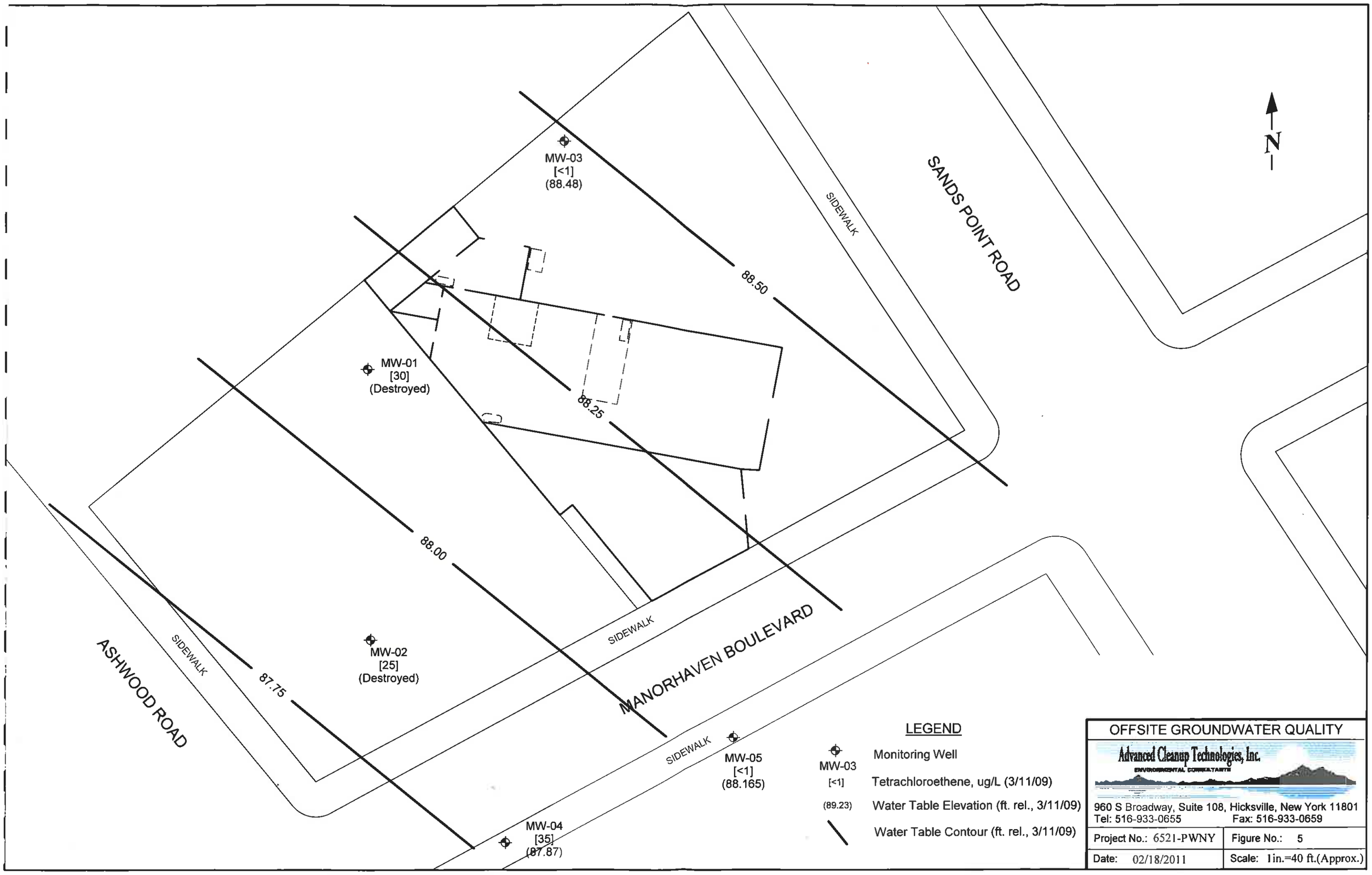
LEGEND

TW-14 Temperary Well (Sampled February 10-11, 2009)
[<10] Tetrachloroethene, ug/L

ONSITE GROUNDWATER QUALITY

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS
960 S Broadway, Suite 108, Hicksville, New York 11801
Tel: 516-933-0655 Fax: 516-933-0659

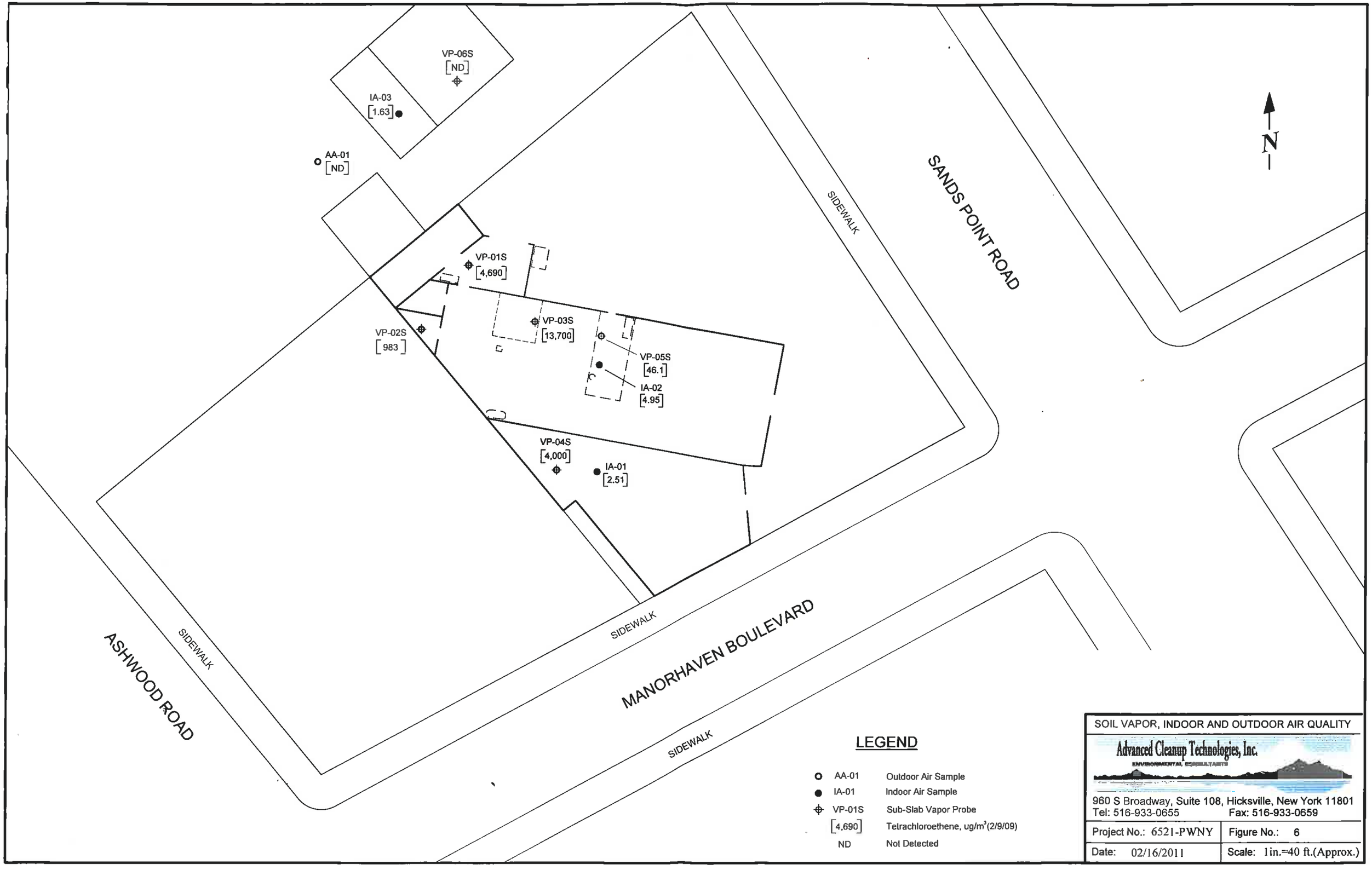
Project No.: 6521-PWNY	Figure No.: 4
Date: 02/16/2011	Scale: 1in.=20 ft.(Approx.)



OFFSITE GROUNDWATER QUALITY

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS
960 S Broadway, Suite 108, Hicksville, New York 11801
Tel: 516-933-0655 Fax: 516-933-0659

Project No.: 6521-PWNY	Figure No.: 5
Date: 02/18/2011	Scale: 1in.=40 ft.(Approx.)



SOIL VAPOR, INDOOR AND OUTDOOR AIR QUALITY

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS
960 S Broadway, Suite 108, Hicksville, New York 11801
Tel: 516-933-0655 Fax: 516-933-0659

Project No.: 6521-PWNY	Figure No.: 6
Date: 02/16/2011	Scale: 1in.=40 ft.(Approx.)

SANDS POINT ROAD

SIDEWALK

N

VP-01S
-10 -0.199
-22 -0.387
-40 -0.680
-52 -0.844

VW-01

VP-02S
-10 -0.193
-22 -0.390
-40 -0.700
-52 -0.790

VP-01D
-10 -0.500
-22 -0.755
-40 -1.570
-52 -1.670

VP-03S
-10 -0.021
-22 -0.041
-40 -0.072
-52 -0.088

VP-05S
-10 -0.001
-22 -0.001
-40 -0.001
-52 -0.001

VP-02D
-10 -0.112
-22 -0.173
-40 -0.360
-52 -0.445

MW-01
-22 -0.008

VP-03D
-10 -0.030
-22 -0.060
-40 -0.098
-52 -0.123

VP-06D
-10 -0.004
-22 -0.008
-40 -0.011
-52 -0.014

VP-04D
-10 -0.002
-22 -0.008
-40 -0.001
-52 -0.000

VP-04S
-10 -0.003
-22 -0.003
-40 -0.002
-52 -0.001

SIDEWALK

MANORHAVEN BOULEVARD

LEGEND

⊕ **VW-01** Pilot Vacuum Well

○ **VP-01D** Vacuum Probe

-10 -0.500
-22 -0.755
-40 -1.570
-52 -1.670

Wellhead and Corresponding Vacuum Probe Vacuum (in., 3/6/09)

PILOT TEST VACUUM MEASUREMENTS

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS
960 S Broadway, Suite 108, Hicksville, New York 11801
Tel: 516-933-0655 Fax: 516-933-0659

Project No.: 6521-PWNY	Figure No.: 7
Date: 02/16/2011	Scale: 1in.=20 ft.(Approx.)

TABLES

Table 1

SAMPLES INCLUDED IN REMEDIAL INVESTIGATION

FORMER CHEZ VALET DRY CLEANERS
1-3 Manorhaven Boulevard
Port Washington, New York

Sample	Matrix	Laboratory Analysis
SB-05 (7')	Soil	VOCs by EPA 8260
SB-06 (0.5')	Soil	VOCs by EPA 8260
SB-07 (9')	Soil	VOCs by EPA 8260
SB-08 (1')	Soil	VOCs by EPA 8260
SB-08 (1') MS	Soil	VOCs by EPA 8260
SB-08 (1') MSD	Soil	VOCs by EPA 8260
SB-09 (9')	Soil	VOCs by EPA 8260 SVOCs by EPA 8270 (BNA) Pesticides by EPA 8081 PCBs by EPA 8082 Metals by EPA 6010 Mercury by EPA 7470
SB-10 (0.5')	Soil	VOCs by EPA 8260
SB-11(8.5')	Soil	VOCs by EPA 8260
SB-11 DUP (8.5')	Soil	VOCs by EPA 8260
SB-12 (10')	Soil	VOCs by EPA 8260
SB-13 (8'-9')	Soil	VOCs by EPA 8260
TW-14	Water	VOCs by EPA 8260
TW-15[1]	Water	VOCs by EPA 8260 Semi-Volatiles by EPA 8270 Pesticides by EPA 8081 PCBs by EPA 8082 Metals by EPA 6010 Mercury by EPA 7470 General Chemistry[2]
TW-15 Dup	Water	VOCs by EPA 8260
TW-16	Water	VOCs by EPA 8260
MW-01	Water	VOCs by EPA 8260
MW-02	Water	VOCs by EPA 8260
MW-03	Water	VOCs by EPA 8260
MW-04	Water	VOCs by EPA 8260
MW-05	Water	VOCs by EPA 8260
VP-01	Soil Vapor	Volatiles by TO-15
VP-02	Soil Vapor	Volatiles by TO-15
VP-03	Soil Vapor	Volatiles by TO-15
VP-04	Soil Vapor	Volatiles by TO-15
VP-05	Soil Vapor	Volatiles by TO-15
VP-06	Crawl Space	Volatiles by TO-15
AA-01	Ambient Air	Volatiles by TO-15
IA-01	Indoor Air	Volatiles by TO-15
IA-02	Indoor Air	Volatiles by TO-15
IA-03	Indoor Air	Volatiles by TO-15
Trip Blank (2/10/09)	Water	VOCs by EPA 8260
Trip Blank (2/11/09)	Water	VOCs by EPA 8260
Trip Blank (2/26/09)	Water	VOCs by EPA 8260

[1] Metals analysis included samples of filtered and unfiltered ground water

[2] General Chemistry included Sulfate, Nitrate, COD and BOD

Table 2

Volatile Organic Compounds In Soil (ug/kg)

EPA Method 8260

Chemical	SB-05	SB-06	SB-07	SB-08	SB-09	SB-10	SB-11	SB-11 Dup	SB-12	SB-13	Standard[1]
Sampling Depth (ft)	7	0.5	9	1	9	0.5	8.5	8.5	10	8'-9'	
Dichlorodifluoromethane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Chloromethane	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
Vinyl Chloride	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	20
Bromomethane	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
Chloroethane	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
Trichlorofluoromethane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
1,1-Dichloroethene	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	330
Methylene Chloride	<5.6	8	5	<5.2	<5.3	6	<5.9	<5.1	<6.1	<5.6	50
1,2-Dichloroethene (total)	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	190
1,1-Dichloroethane	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	270
2,2-Dichloropropane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
c-1,2-Dichloroethene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Bromochloromethane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Chloroform	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	370
1,1,1-Trichloroethane	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	680
Carbon Tetrachloride	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	760
1,1-Dichloropropene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Benzene	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	60
1,2-Dichloroethane	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	20
Trichloroethene	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	470
1,2-Dichloropropane	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
Dibromomethane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Bromodichloromethane	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
c-1,3-Dichloropropene	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
Toluene	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	700
t-1,3-Dichloropropene	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
1,1,2-Trichloroethane	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
Tetrachloroethene	<5.6	31	<11	<5.2	190	<12	<5.9	<5.1	<6.1	22	1,300
1,3-Dichloropropane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Carbon disulfide	NA	<14	<11	NA	NA	<10	NA	NA	NA	NA	NS
2-Butanone (MEK)	NA	<14	<11	NA	NA	<10	NA	NA	NA	NA	NS
Chlorodibromomethane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
1,2-Dibromoethane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Chlorobenzene	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	1,100
Ethylbenzene	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	1,000
1,1,1,2-Tetrachloroethane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS

Table 2 (Continued)

Volatile Organic Compounds In Soil (ug/kg)

EPA Method 8260

Chemical	SB-05	SB-06	SB-07	SB-08	SB-09	SB-10	SB-11	SB-11 Dup	SB-12	SB-13	Standard[1]
Sampling Depth (ft)	7	0.5	9	1	9	0.5	8.5	8.5	9	8'-9'	
Xylenes (mixed)	<11	<14	<11	<10	<11	<12	<12	<10	<12	<11	260
Styrene	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
Bromoform	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	NS
Isopropylbenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Bromobenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
1,1,2,2-Tetrachloroethane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
1,2,3-Trichloropropane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
n-Propylbenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	3,900
2-Chlorotoluene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
1,3,5-Trimethylbenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	8,400
4-Chlorotoluene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
tert-Butylbenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	5,900
1,2,4-Trimethylbenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	3,600
sec-Butylbenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	11,000
p-Isopropyl toluene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
1,3-Dichlorobenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	2,400
1,4-Dichlorobenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	1,800
n-Butylbenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	12,000
1,2-Dichlorobenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	1,100
Dibromochloropropane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
1,2,4-Trichlorobenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Hexachlorobuladiene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Naphthalene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
1,2,3-Trichlorobenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Methyl tert-butyl ether	<5.6	<14	<11	<5.2	<5.3	<12	<5.9	<5.1	<6.1	<5.6	930
p-Ethyltoluene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Freon 113	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
1,2,4,5-Tetramethylbenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Acetone	<56	<14	<11	<52	<53	<12	<59	<5.1	<61	<56	50
2-Butanone (MEK)	<56	NA	NA	<52	<53	NA	<59	<5.1	<61	<56	120
4-Methyl-2-pentanone (MIBK)	<56	<14	<11	<52	<53	<12	<59	<5.1	<61	<56	NS
Chlorodifluoromethane	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
p Diethylbenzene	<5.6	NA	NA	<5.2	<5.3	NA	<5.9	<5.1	<6.1	<5.6	NS
Dibromochloromethane	NA	<14	<11	NA	NA	<12	NA	NA	NA	NA	NS
2-Hexanone	NA	<14	<11	NA	NA	<12	NA	NA	NA	NA	NS
1,1,2,2-Tetrachloroethane	NA	<14	<11	NA	NA	<12	NA	NA	NA	NA	NS

[1] Unrestricted Use Soil Cleanup Objectives, 6 NYCRR Part 375 (December 14, 2006

N/A = Not Analyzed; NS = No Standard

Shaded values signify detection above laboratory method detection limits

Table 3
Volatile Organic Compounds in Ground Water (ug/L)
EPA Method 8260

Chemical	TW-14	TW-15	TW-15 Dup	TW-16	MW-01	MW-02	MW-03	MW-04	MW-05	Standard[1]
Dichlorodifluoromethane	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
Chloromethane	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
Vinyl Chloride	<10	<1	<1	<10	<1	<1	<1	<1	<1	2
Bromomethane	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
Chloroethane	<10	<1	<1	<10	<1	<1	<1	<1	<1	50
Trichlorofluoromethane	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
1,1-Dichloroethene	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
Methylene Chloride	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
1,2-Dichloroethene (total)	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
1,1-Dichloroethane	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
2,2-Dichloropropane	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
Bromochloromethane	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
Chloroform	<10	<1	<1	<10	<1	<1	<1	<1	<1	7
1,1,1-Trichloroethane	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
Carbon Tetrachloride	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
1,1-Dichloropropene	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
Benzene	<10	<1	<1	<10	<1	<1	<1	<1	1	0.7
1,2-Dichloroethane	<10	<1	<1	<10	<1	<1	<1	<1	<1	0.6
Trichloroethene	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
1,2-Dichloropropane	<10	<1	<1	<10	<1	<1	<1	<1	<1	1
Dibromomethane	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
Bromodichloromethane	<10	<1	<1	<10	<1	<1	<1	<1	<1	50
c-1,3-Dichloropropene	<10	<1	<1	<10	<1	<1	<1	<1	<1	0.4
Toluene	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
t-1,3-Dichloropropene	<10	<1	<1	<10	<1	<1	<1	<1	<1	0.4
1,1,2-Trichloroethane	<10	<1	<1	<10	<1	<1	<1	<1	<1	1
Tetrachloroethene	<10	**33**	**34**	**68**	**30**	**25**	<1	**35**	<1	5
1,3-Dichloropropane	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
Chlorodibromomethane	NA	<1	<1	NA	<1	<1	<1	<1	<1	50
1,2-Dibromoethane	NA	<1	<1	NA	<1	<1	<1	<1	<1	50
Chlorobenzene	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
Ethylbenzene	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
1,1,1,2-Tetrachloroethane	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
Xylenes (total)	<10	<2	<2	<10	<2	<2	<2	<2	<2	10

Table 3 (Continued)
Volatile Organic Compounds In Ground Water (ug/L)
EPA Method 8260

Chemical	TW-14	TW-15	TW-15 Dup	TW-16	MW-01	MW-02	MW-03	MW-04	MW-05	Standard[1]
Styrene	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
Bromoform	<10	<1	<1	<10	<1	<1	<1	<1	<1	50
Isopropylbenzene	NA	<1	<1	NA	<1	<1	<1	<1	5	5
Bromobenzene	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
1,1,2,2-Tetrachloroethane	<10	<1	<1	<10	<1	<1	<1	<1	<1	5
1,2,3-Trichloropropane	NA	<1	<1	NA	<1	<1	<1	<1	<1	0.04
n-Propylbenzene	NA	<1	<1	NA	<1	<1	<1	<1	**10**	5
2-Chlorotoluene	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
1,3,5-Trimethylbenzene	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
4-Chlorotoluene	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
tert-Butylbenzene	NA	<1	<1	<10	<1	<1	<1	<1	<1	5
1,2,4-Trimethylbenzene	NA	<1	<1	NA	<1	<1	<1	<1	1	5
sec-Butylbenzene	NA	<1	<1	NA	<1	<1	<1	<1	1	5
p-Isopropyltoluene	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
1,3-Dichlorobenzene (v)	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
1,4-Dichlorobenzene (v)	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
n-Butylbenzene	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
1,2-Dichlorobenzene (v)	NA	<1	<1	NA	<1	<1	<1	<1	<1	4.7
Dibromochloropropane	NA	<1	<1	NA	<1	<1	<1	<1	<1	0.04
Dibromochloromethane	<10	NA	NA	<10	NA	NA	NA	NA	NA	50
1,2,4-Trichlorobenzene (v)	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
Hexachlorobutadiene	NA	<1	<1	NA	<1	<1	<1	<1	<1	0.5
Naphthalene (v)	NA	<1	<1	NA	<1	<1	<1	<1	<1	10
1,2,3-Trichlorobenzene	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
Methyl tert-buty ether	<10	<1	<1	<10	<1	<1	<1	<1	5	10
p-Ethyltoluene	NA	<1	<1	NA	<1	<1	<1	<1	<1	NS
Freon 113	NA	<1	<1	NA	<1	<1	<1	<1	<1	5
1,2,4,5-Tetramethylbenzene	NA	<1	<1	NA	<1	<1	<1	<1	**6**	5
Acetone	10	<10	<10	<10	<10	<10	<10	<10	<10	50
2-Butanone	<10	<10	<10	<10	<10	<10	<10	<10	<10	50
Chlorodifluoromethane	NA	<1	<1	NA	<1	<1	<1	<1	<1	NS
p-Diethylbenzene	NA	<1	<1	NA	<1	<1	<1	<1	4	NS
Carbon disulfide	<10	NA	NA	<10	NA	NA	NA	NA	NA	50
4-Methyl-2-pentanone	<10	<10	<10	<10	<10	<10	<10	<10	<10	50
2 Hexanone	<10	NA	NA	<10	NA	NA	NA	NA	NA	50

[1] NYSDEC TOGS 1.1.1, June, 1998

NA = Not Analyzed

NS = No Standard

Bolded values signify exceedance of regulatory standard

Table 4
Volatile Organic Compounds in Air and Sub-Slab Soil Vapor
EPA Method TO-15, ug/m3

Sample Number Sample Location	AA-01 Outside	Background Value[1]	IA-01 Salon	IA-02 Cellar	IA-03 House	Background Value[2]	Guidance Value[3]	VP-01S Garage	VP-02S Furnace	VP-03S Machine	VP-04S Salon	VP-05S Cellar	VP-06S Crawlspace[4]
Dichlorodifluoromethane	2.37	5.8	2.27	2.52	2.32	10.50	N/A	<9.89	2.72	2.72	3.02	2.77	2.47
Chloromethane	1.18	3	1.16	1.12	1.36	3.10	N/A	<4.13	<0.41	<0.41	<0.41	<0.41	1.34
Methylene chloride	1.56	3	13.9	1.56	2.40	5	60	<6.95	2.15	1.39	1.42	1.35	2.85
Acetone	7.84	31.7	855	19.9	215	60	N/A	23.8	60.6	21.2	22.5	42.3	212
Trichlorofluoromethane	1.52	2.8	1.29	1.46	1.24	6.70	N/A	<11.2	1.40	1.29	1.40	1.46	1.46
Benzene	0.83	3.7	9.01	0.86	8.47	5.10	N/A	<6.39	4.15	2.04	3.83	1,060	11.0
Toluene	1.81	16.3	116	2.00	106	26	N/A	11.7	52	34.8	51.3	5,200	78.4
Methyl ethyl ketone	<0.59	N/A	4.90	<0.59	4.39	N/A	N/A	<5.90	2.51	0.94	2.09	4.95	6.13
Trichloroethene	<0.25	<1.6	1.45	<0.25	1.13	1.20	5	<2.47	0.97	12.5	3.65	0.97	1.34
Tetrachloroethene	<1.36	3	2.51	4.95	1.63	5.90	100	4,690	983	13,700	4,000	46.1	<1.36
Ethylbenzene	<0.87	1.6	24.4	<0.87	25.1	3.4	N/A	<8.69	9.73	7.38	13.7	1,540	10.3
Xylenes (m&p)	<0.87	7.3	109	<0.87	115	12	N/A	13.5	36.8	34.1	64.7	3,490	38.2
Xylenes (o)	<0.87	2.6	36.3	<0.87	40.1	4.4	N/A	<8.69	12.2	11.5	21.9	1,130	13.0
1,3,5-Trimethybenzene	<0.98	<2.4	8.06	<0.98	10.3	<4.6	N/A	<9.83	2.06	2.46	5.95	65.9	2.61
1,2,4-Trimethybenzene	<0.98	3.1	35.4	<0.98	39,9	5.10	N/A	<9.83	7.92	9.78	24.1	131	9.88
Chloroform	<0.98	<0.6	<0.98	<0.98	<0.98	<1.2	N/A	<9.77	<0.98	5.23	1.86	3.17	<0.98
Carbon disulfide	<0.62	2.2	<12.5	<0.62	<0.62	2.10	N/A	<6.23	<0.62	<0.62	<0.62	3.15	<0.62

1. NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York", October 2006. Background values are derived from EPA 2001 Building Assessment and Survey Evaluation Database, 75th Percentile of Outdoor Air Results.

2. NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York", October 2006. Background values are derived from EPA 2001 Building Assessment and Survey Evaluation Database, 75th Percent of Indoor Air Results.

3. Table 3.1, NYSDOH "Final Guidane for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)

4. Air Sample collected from crawlspace between 1 st floor and ground surface.

N/A= Not available

APPENDIX A

SOIL BORING LOGS AND
WELL CONSTRUCTION RECORDS

SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

Project No: 5621-PWNY
Site: 1-3 Manorhaven Blvd. Port Washington, NY
Client: Southampton Masonry Tools, LLC
Static Water Table Level: Not Encountered

Boring No: ***SB-05***
Date Drilled: 2/10/2009
Geologist: Steven Walls

Depth (feet)	Description	Sample Depth	PID (ppmv)	% Recovery	Remarks
0					
1	Sump				
2	Concrete				
3	Orange, tan and brown medium coarse sand with pebbles		0.0	50	
4					
5					
6	Orange, tan and brown medium coarse sand with pebbles	9'	0.0	75	
7					
8					
9					
10					
11	Orange, tan and brown medium coarse sand with pebbles				End of boring
12					
13					
14					
15					
16					
17					
18					
19					
20					

Rig Type: ***AMS Power Probe***
Driller: ***ACT - Steven Walls***

Reviewed by: ***Paul Stewart***
Sheet No: **1 of 1**

SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

Project No: 5621-PWNY
Site: 1-3 Manorhaven Blvd. Port Washington, NY
Client: Southampton Masonry Tools, LLC
Static Water Table Level: Not Encountered

Boring No: ***SB-06***
Date Drilled: 2/11/2009
Geologist: Steven Walls

Depth (feet)	Description	Sample Depth	PID (ppmv)	% Recovery	Remarks
0	Dark brown medium very coarse sand with pebbles	0-6"	0.0	100	End of boring
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Rig Type: ***AMS Power Probe***
Driller: ***ACT - Steven Walls***

Reviewed by: ***Paul Stewart***
Sheet No: **1 of 1**

SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

Project No: 5621-PWNY
Site: 1-3 Manorhaven Blvd. Port Washington, NY
Client: Southampton Masonry Tools, LLC
Static Water Table Level: Not Encountered

Boring No: ***SB-07***
Date Drilled: 2/11/2009
Geologist: Steven Walls

Depth (feet)	Description	Sample Depth	PID (ppmv)	% Recovery	Remarks
0					
1					
2	Orange and brown medium very coarse sand with pebbles		0.0	50	
3					
4					
5					
6					
7					
8	Orange and brown medium very coarse sand with pebbles		0.0	73	
9		9'			wet
10					
					End of boring
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Rig Type: ***AMS Power Probe***
Driller: ***ACT - Steven Walls***

Reviewed by: ***Paul Stewart***
Sheet No: **1 of 1**

SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

Project No: 5621-PWNY
Site: 1-3 Manorhaven Blvd. Port Washington, NY
Client: Southampton Masonry Tools, LLC
Static Water Table Level: Not Encountered

Boring No: *SB-08*
Date Drilled: 2/10/2009
Geologist: Steven Walls

Depth (feet)	Description	Sample Depth	PID (ppmv)	% Recovery	Remarks
0					
1		1'	0.0		
2					
3	Orange and brown medium very coarse sand with pebbles		0.0	50	no odor
4					
5					
6					
7					
8	Orange and brown medium very coarse sand with pebbles		0.0	73	no odor
9					
10					
					End of boring
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Rig Type: ***AMS Power Probe***
Driller: ***ACT - Steven Walls***

Reviewed by: ***Paul Stewart***
Sheet No: **1 of 1**

SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

Project No: 5621-PWNY
Site: 1-3 Manorhaven Blvd. Port Washington, NY
Client: Southampton Masonry Tools, LLC
Static Water Table Level: Not Encountered

Boring No: ***SB-09***
Date Drilled: 2/10/2009
Geologist: Steven Walls

Depth (feet)	Description	Sample Depth	PID (ppmv)	% Recovery	Remarks
0	Orange and brown medium very coarse sand with pebbles		0.0	50	No odor
1					
2					
3					
4					
5					
6	Orange and brown medium very coarse sand with pebbles	9'	0.0	73	No odor
7					
8					
9					
10					
					End of boring
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Rig Type: ***AMS Power Probe***
Driller: ***ACT - Steven Walls***

Reviewed by: ***Paul Stewart***
Sheet No: **1 of 1**

SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

Project No: 5621-PWNY
Site: 1-3 Manorhaven Blvd. Port Washington, NY
Client: Southampton Masonry Tools, LLC
Static Water Table Level: Not Encountered

Boring No: ***SB-10***
Date Drilled: 2/11/2009
Geologist: Steven Walls

Depth (feet)	Description	Sample Depth	PID (ppmv)	% Recovery	Remarks
0	Dark brown medium very coarse sand with pebbles	0-6"	0.0	100	End of boring No odor
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Rig Type: ***AMS Power Probe***
Driller: ***ACT - Steven Walls***

Reviewed by: ***Paul Stewart***
Sheet No: **1 of 1**

SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

Project No: 5621-PWNY
Site: 1-3 Manorhaven Blvd. Port Washington, NY
Client: Southampton Masonry Tools, LLC
Static Water Table Level: Not Encountered

Boring No: *SB-11*
Date Drilled: 2/10/2009
Geologist: Steven Walls

Depth (feet)	Description	Sample Depth	PID (ppmv)	% Recovery	Remarks
0					
1					
2	Orange and brown medium coarse sand with pebbles		0.0	50	No odor
3					
4					
5					
6					
7					
8					
9	Orange and brown medium coarse sand with pebbles	8.5'	0.0	82	No odor
10					
					End of boring
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Rig Type: ***AMS Power Probe***
Driller: ***ACT - Steven Walls***

Reviewed by: ***Paul Stewart***
Sheet No: **1 of 1**

SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

Project No: 5621-PWNY
Site: 1-3 Manorhaven Blvd. Port Washington, NY
Client: Southampton Masonry Tools, LLC
Static Water Table Level: Not Encountered

Boring No: *SB-12*
Date Drilled: 2/10/2009
Geologist: Steven Walls

Depth (feet)	Description	Sample Depth	PID (ppmv)	% Recovery	Remarks
0	0-6" with Orange and brown medium coarse sand				0-1' fill 2 dark layers
1					
2					
3					
4	6"-10.5' orange and brown medium. very coarse sand with pebbles		0.0	30	No odor
5					
6					
7					
8	Orange and brown medium very coarse sand with pebbles		0.0	83	No odor
9		9'			small area fo black staining
10					
					End of boring
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Rig Type: ***AMS Power Probe***
Driller: ***ACT - Steven Walls***

Reviewed by: ***Paul Stewart***
Sheet No: **1 of 1**

SOIL BORING LOG

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

Project No: 5621-PWNY
Site: 1-3 Manorhaven Blvd. Port Washington, NY
Client: Southampton Masonry Tools, LLC
Static Water Table Level: Not Encountered

Boring No: *SB-13*
Date Drilled: 2/10/2009
Geologist: Steven Walls

Depth (feet)	Description	Sample Depth	PID (ppmv)	% Recovery	Remarks
0					
1					
2	Orange and brown medium very coarse sand with pebbles		0.0	50	No odor
3					
4					
5					
6					
7					
8	Orange and brown medium very coarse sand with pebbles	8-9'	0.0	73	No odor
9					
10					
					End of boring
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Rig Type: ***AMS Power Probe***
Driller: ***ACT - Steven Walls***

Reviewed by: ***Paul Stewart***
Sheet No: **1 of 1**

WELL CONSTRUCTION LOG

SITE 1-3 Manorhaven Blvd Port Washington, NY JOB NO. 562-PWNY WELL NO. MW-03

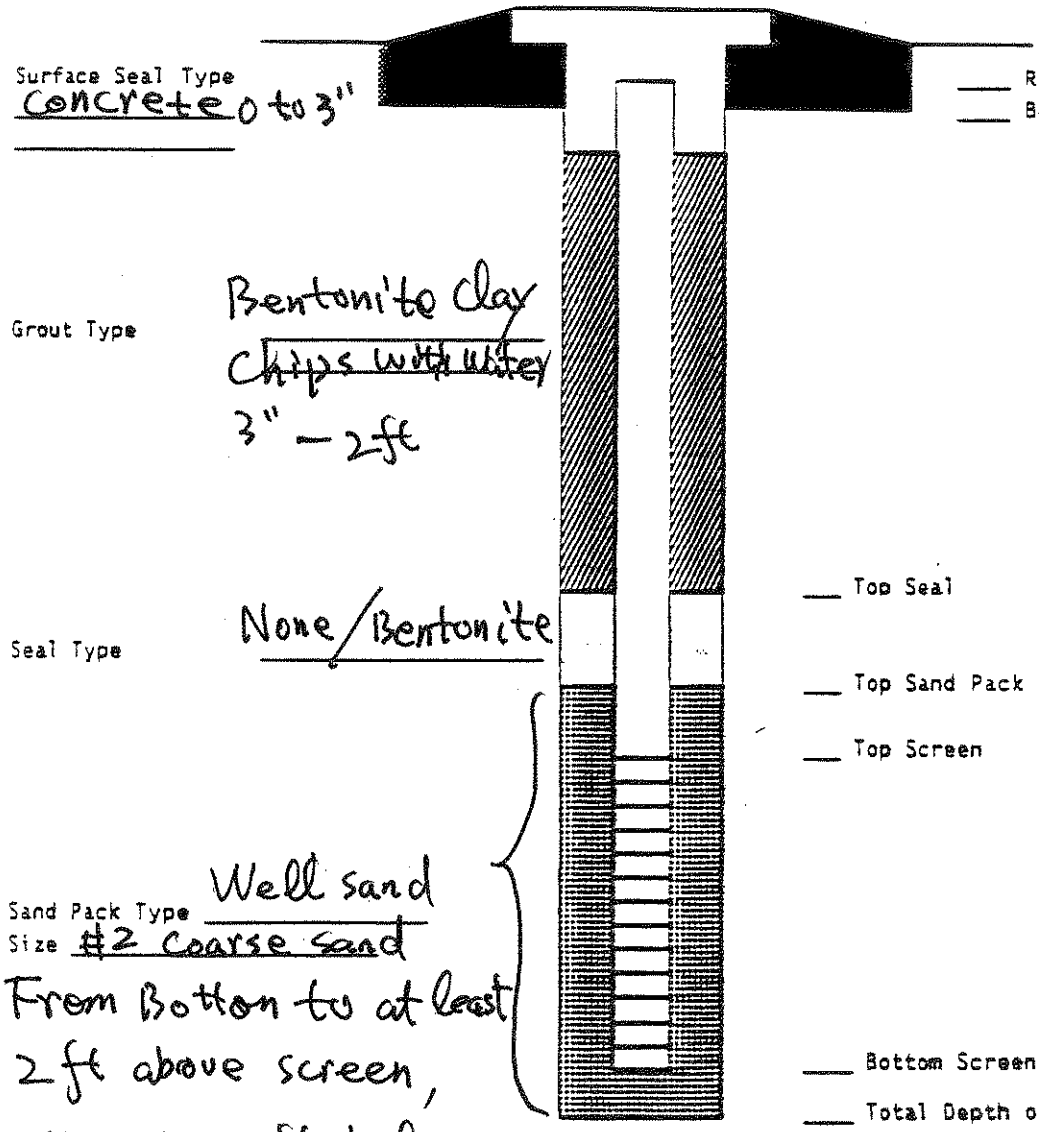
TOTAL DEPTH 15ft SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) 7-8'ft 03/09/09 DATE INSTALLED _____

RISER DIA 1" MATERIAL PVC LENGTH 5 ft

SCREEN DIA 1" MATERIAL PVC LENGTH 10 ft SLOT SIZE .02"

SCHEMATIC



1-3 Manorhaven Blvd WELL CONSTRUCTION LOG

SITE Port Washington JOB NO. #5624-PWNY WELL NO. MW-04

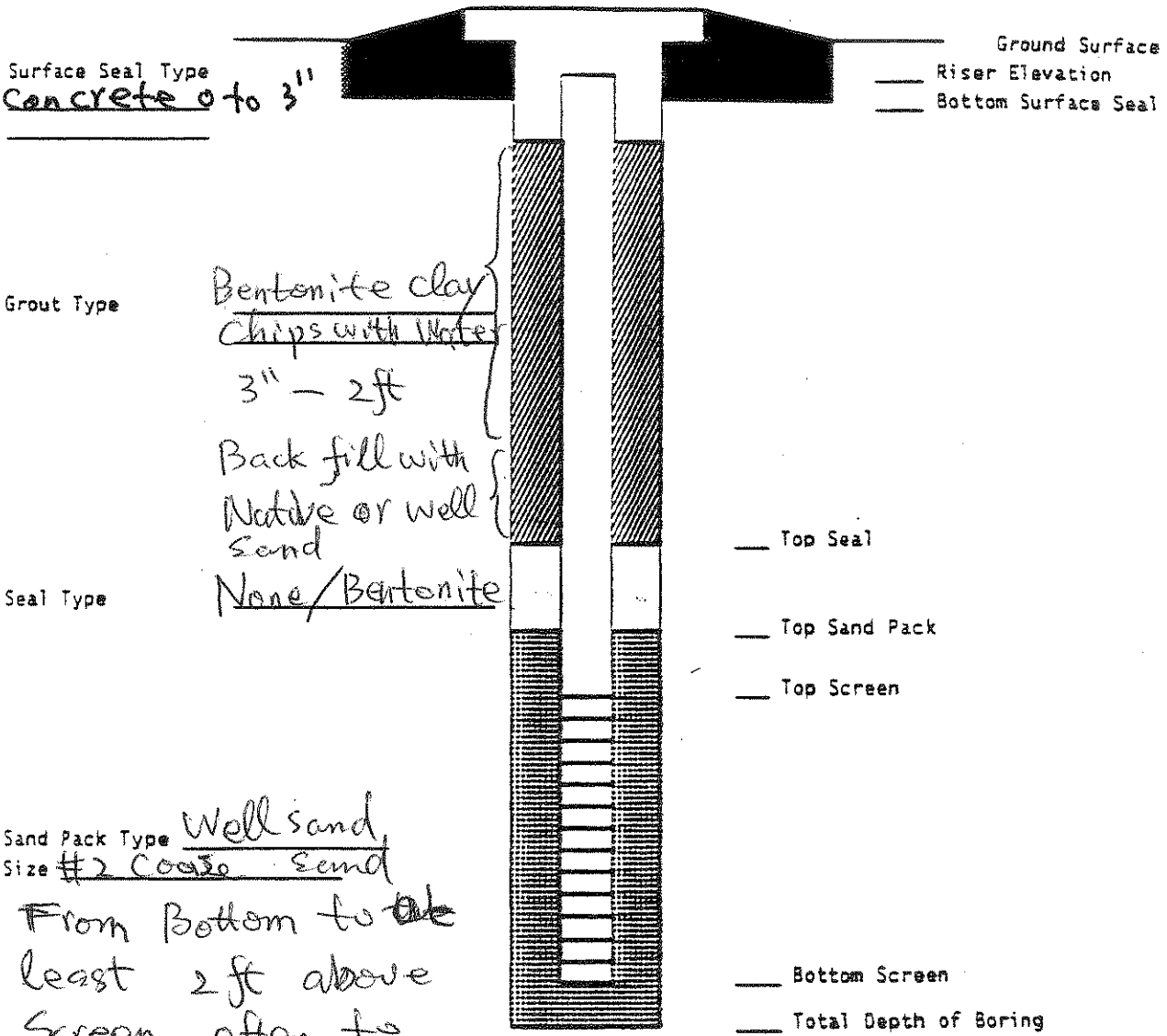
TOTAL DEPTH 15 ft SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) 7 ft, 02/11/2010 DATE INSTALLED 02/11/2009

RISER DIA 1" MATERIAL PVC LENGTH 5 ft

SCREEN DIA 1" MATERIAL PVC LENGTH 10 ft SLOT SIZE 0.02"

SCHEMATIC



WELL CONSTRUCTION LOG

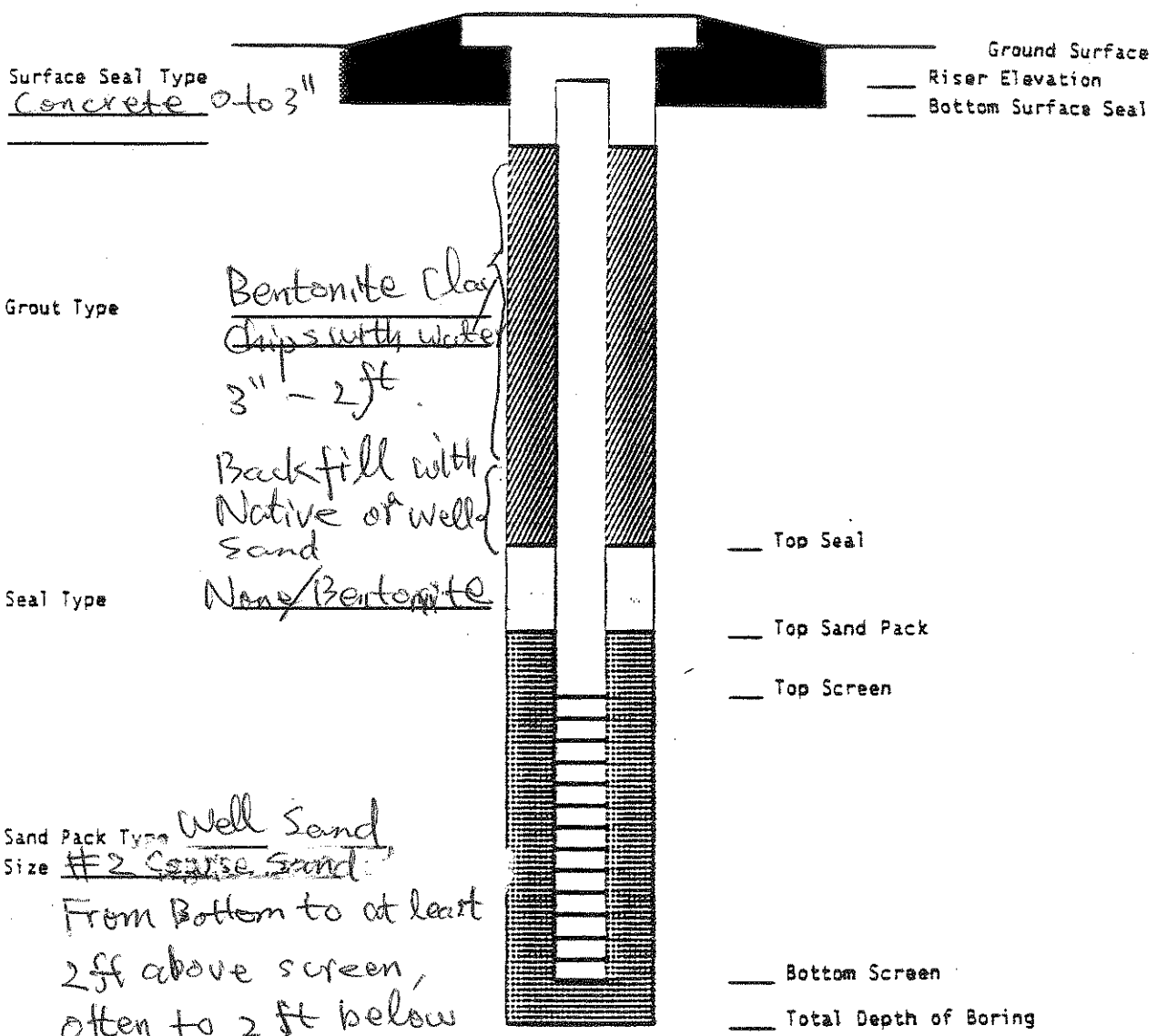
SITE 1-3 Manorhaven Blvd Port Washington NY JOB NO. #5624-PWNY WELL NO. MW-05

TOTAL DEPTH 15 ft SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) 7~8' 02/09/2009 DATE INSTALLED _____

RISER	DIA 1"	MATERIAL PVC	LENGTH 5 ft			
SCREEN	DIA 1"	MATERIAL PVC	LENGTH 10 ft	SLOT SIZE 0.02"		

SCHEMATIC



APPENDIX B

FIELD NOTES AND PILOT TEST RESULTS

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Paul Stewart Date/Time Prepared 2/9/09 9:00am

Preparer's Affiliation Advanced Cleanup Tech. Phone No. 516-933-0655

Purpose of Investigation Former Chez Valet IRM RIFS (Site #103169)

1. OCCUPANT:

Interviewed: (Y) N

Last Name: Raimo First Name: Hugo

Address: 3 Manocharen Blvd, Port Washington, NY 11050

County: Nassau

Home Phone: _____ Office Phone: 516-883-8138

Number of Occupants/persons at this location 6 Age of Occupants 25-75

2. OWNER OR LANDLORD: (Check if same as occupant ✓)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? 2

If the property is commercial, type?

Business Type(s) Hair Salon

Does it include residences (i.e.. multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 80+yrs

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Air flows in through front door and out through HVAC equipment in rear closet.

Airflow near source

No, HVAC equipment isolated in enclosed closet with limited air exchange

Outdoor air infiltration

Outdoor air enters at front door and loose seals around alleyway door.

Infiltration into air ducts

Interior air enters furnace through cold air return ducts, and then distributed throughout building.

5. **BASEMENT AND CONSTRUCTION CHARACTERISTICS** (Circle all that apply)

a. Above grade construction:	wood frame	(concrete)	stone	brick
b. Basement type:	full	crawlspace	(slab)	other _____
c. Basement floor:	concrete	dirt	stone	other N/A
d. Basement floor:	uncovered	covered	covered with N/A	
e. Concrete floor:	(unsealed) Tiled	sealed	sealed with Tiling	
f. Foundation walls:	poured	block	stone	other N/A
g. Foundation walls:	unsealed	sealed	sealed with N/A	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

utility conduits through tiled floor

6. **HEATING, VENTING and AIR CONDITIONING** (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

(Hot air circulation)	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: gas

Boiler/furnace located in: Basement Outdoors (Main Floor) Other _____

Air conditioning: (Central Air) Window units Open Windows None

Are there air distribution ducts present? (Y) / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Ductwork exits utility closet overhead between suspended ceiling and roof. Ductwork extends into front and rear occupied portions of salon. Ductwork appeared intact with no obvious leakage at joints

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)
Basement	N/A
1st Floor	Commercial hair and nail salon
2nd Floor	N/A
3rd Floor	N/A
4th Floor	N/A

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

d. Has the building ever had a fire? Y (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y (N) Where?_____

f. Is there a workshop or hobby/craft area? Y (N) Where & Type?_____

g. Is there smoking in the building? Y (N) How frequently?_____

h. Have cleaning products been used recently? Y (N) When & Type?_____

i. Have cosmetic products been used recently? (Y) N When & Type? Occupational settings

j. **Has painting/staining been done in the last 6 months?** Y (N) Where & When? _____

k. **Is there new carpet, drapes or other textiles?** Y (N) Where & When? _____

l. **Have air fresheners been used recently?** Y (N) When & Type? _____

m. **Is there a kitchen exhaust fan?** Y (N) If yes, where vented? _____

n. **Is there a bathroom exhaust fan?** Y / N If yes, where vented? _____

o. **Is there a clothes dryer?** Y (N) If yes, is it vented outside? Y / N

p. **Has there been a pesticide application?** Y (N) When & Type? _____

Are there odors in the building? Y (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? (Y) (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. **Provide reasons why relocation is recommended:** N/A

b. **Residents choose to:** remain in home relocate to friends/family relocate to hotel/motel

c. **Responsibility for costs associated with reimbursement explained?** Y / N

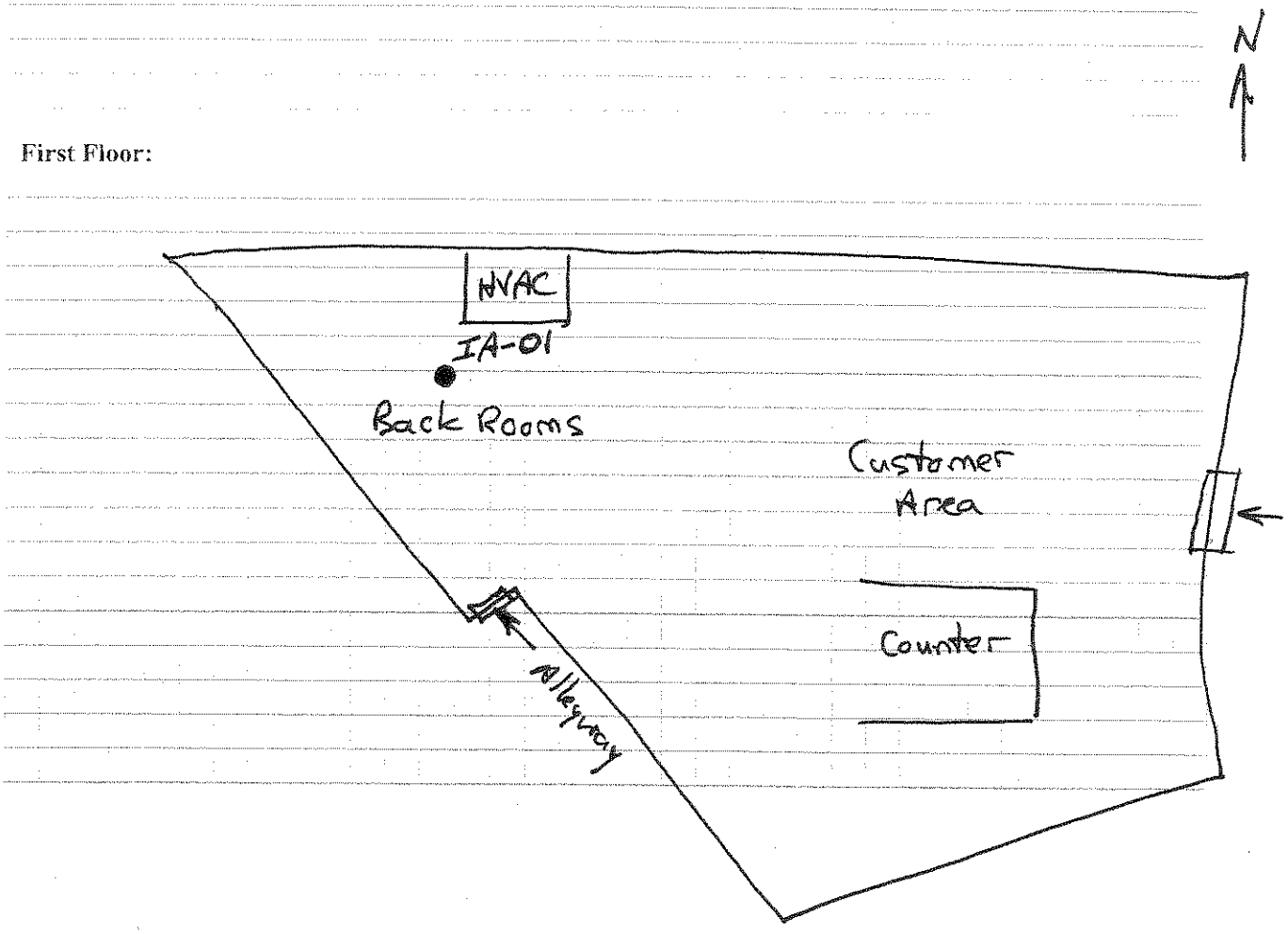
d. **Relocation package provided and explained to residents?** Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

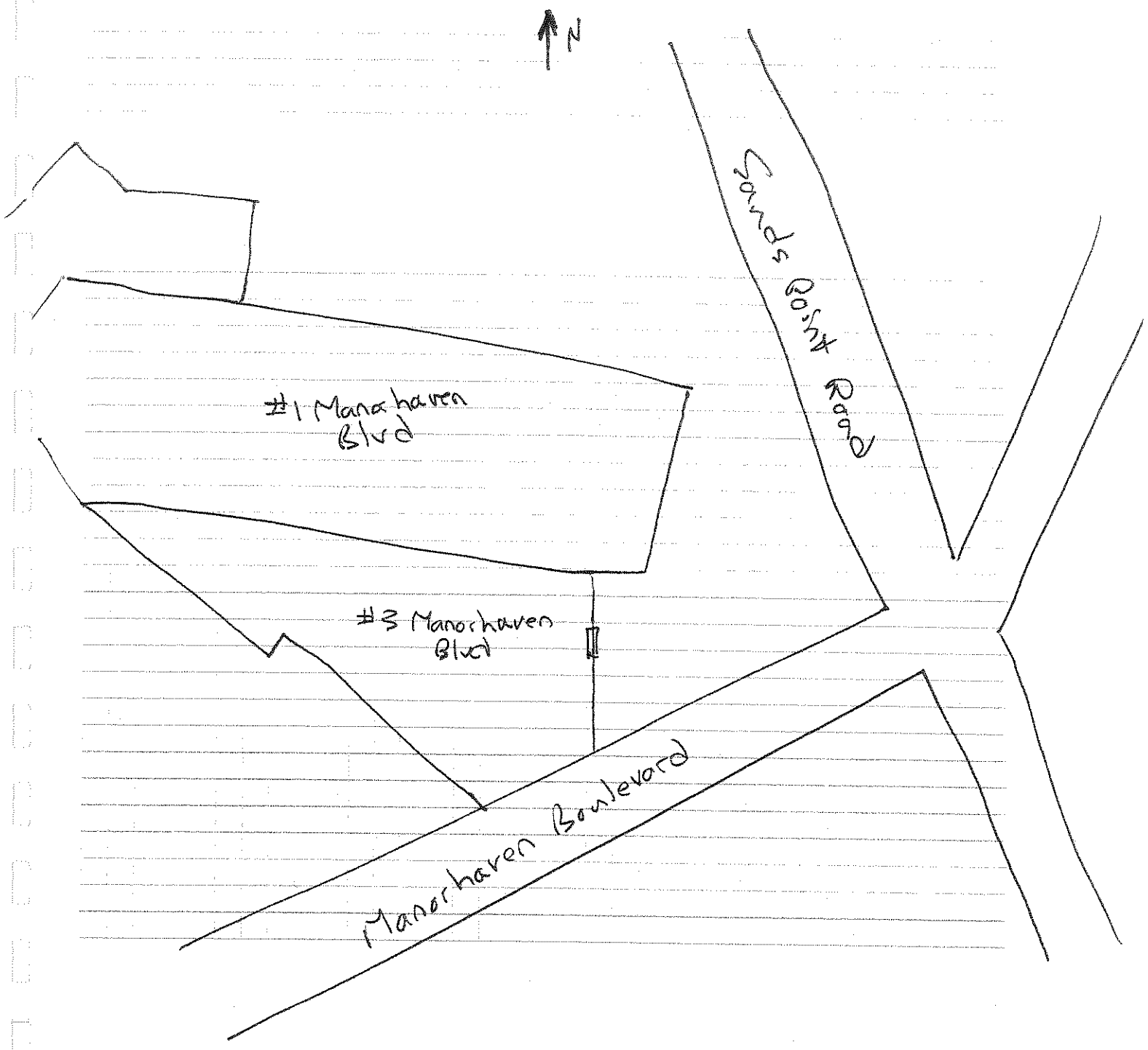
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Photovac 2020 PID

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Rear	Topsol Adhesive Solvent	32oz	U	Ethylacetate Mineralspirits Benzyl alcohol	0.0	N
Front	Goldwell Hair Coloring Agents and Dyes (Several dozen)	16oz	U	Not provided	0.0	N
	Ican, Dermalogica, Keratin Complex Shampoos	Various Sizes	U	Not provided	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Paul Stewart Date/Time Prepared 2/9/09 10:38am

Preparer's Affiliation Advanced Cleanup Tech Phone No. 516-933-0655

Purpose of Investigation Former Chez Valet IRM RI/FS (Site #103169)

1. OCCUPANT: Vacant

Interviewed: Y (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: (Y)

Last Name: Raimo First Name: Hugo

Address: 3 Manorhaven Blvd, Port Washington, NY 11050

County: Nassau

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? 2

If the property is commercial, type?

Business Type(s) Vacant

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 80+ yrs

Is the building insulated? Y / (N) How air tight? Tight / Average / (Not Tight)

4. **AIRFLOW**

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Open walls and crawl space allow air to flow freely into and out of building

Airflow near source

Yes, first floor is well ventilated by natural air flow entering and exiting openings in floor and walls

Outdoor air infiltration

See above

Infiltration into air ducts

No HVAC system in operation

5. **BASEMENT AND CONSTRUCTION CHARACTERISTICS** (Circle all that apply)

a. Above grade construction:	(wood frame)	(concrete)	stone	brick
b. Basement type:	full	crawlspace	slab	other Partial Cinderblock
c. Basement floor:	(concrete)	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	(unsealed)	sealed	sealed with _____	
f. Foundation walls:	poured	(block)	stone	other _____
g. Foundation walls:	(unsealed)	sealed	sealed with _____	
h. The basement is:	wet	(damp)	dry	moldy
i. The basement is:	finished	(unfinished)	partially finished	
j. Sump present?	(Y) / N			
k. Water in sump?	Y (N) not applicable			

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Large cracks and voids in concrete floors of basement and first floor; open crawlspace

6. **HEATING, VENTING and AIR CONDITIONING** (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other None

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: None

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other None
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y (N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never Never

Level	General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)
Basement	Storage
1st Floor	Vacant commercial space
2nd Floor	N/A
3rd Floor	N/A
4th Floor	N/A

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?	(Y)/ N	
b. Does the garage have a separate heating unit?	Y /(N)/ NA	
c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)	(N)/ NA	Please specify_____
d. Has the building ever had a fire?	Y /(N)	When?_____
e. Is a kerosene or unvented gas space heater present?	Y /(N)	Where?_____
f. Is there a workshop or hobby/craft area?	Y /(N)	Where & Type?_____
g. Is there smoking in the building?	Y (N)	How frequently?_____
h. Have cleaning products been used recently?	(Y) N	When & Type? Former Dry Cleaner
i. Have cosmetic products been used recently?	Y /(N)	When & Type?_____

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y / (N) If yes, where vented? _____

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N N/A
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

N/A

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: N/A

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

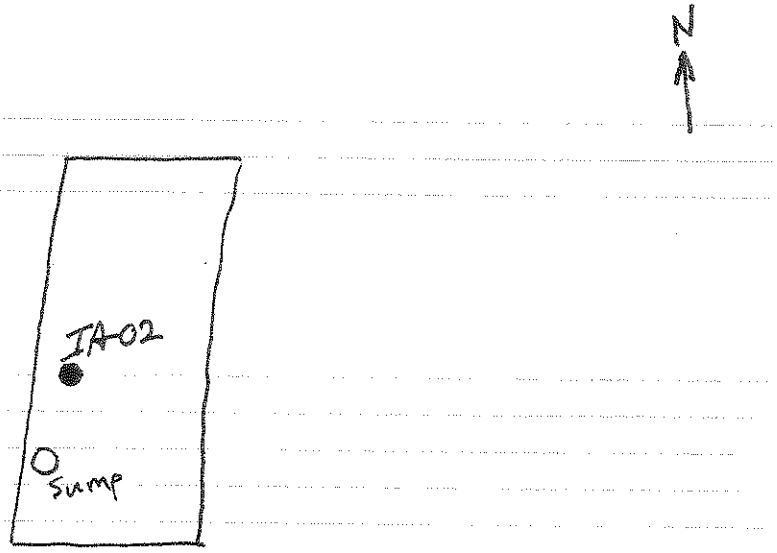
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

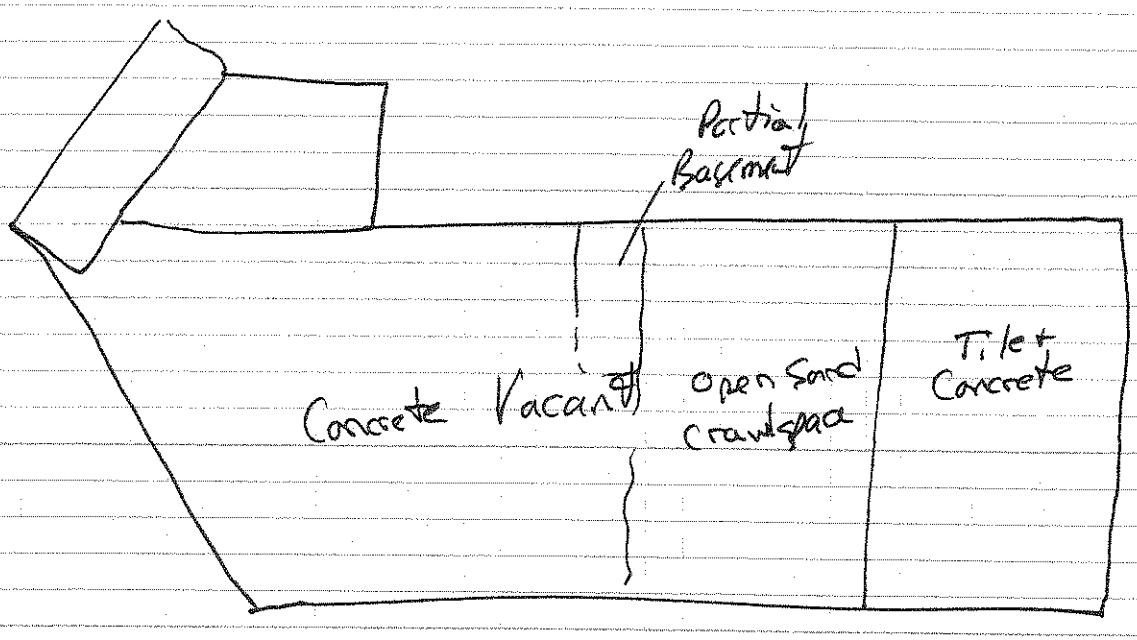
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



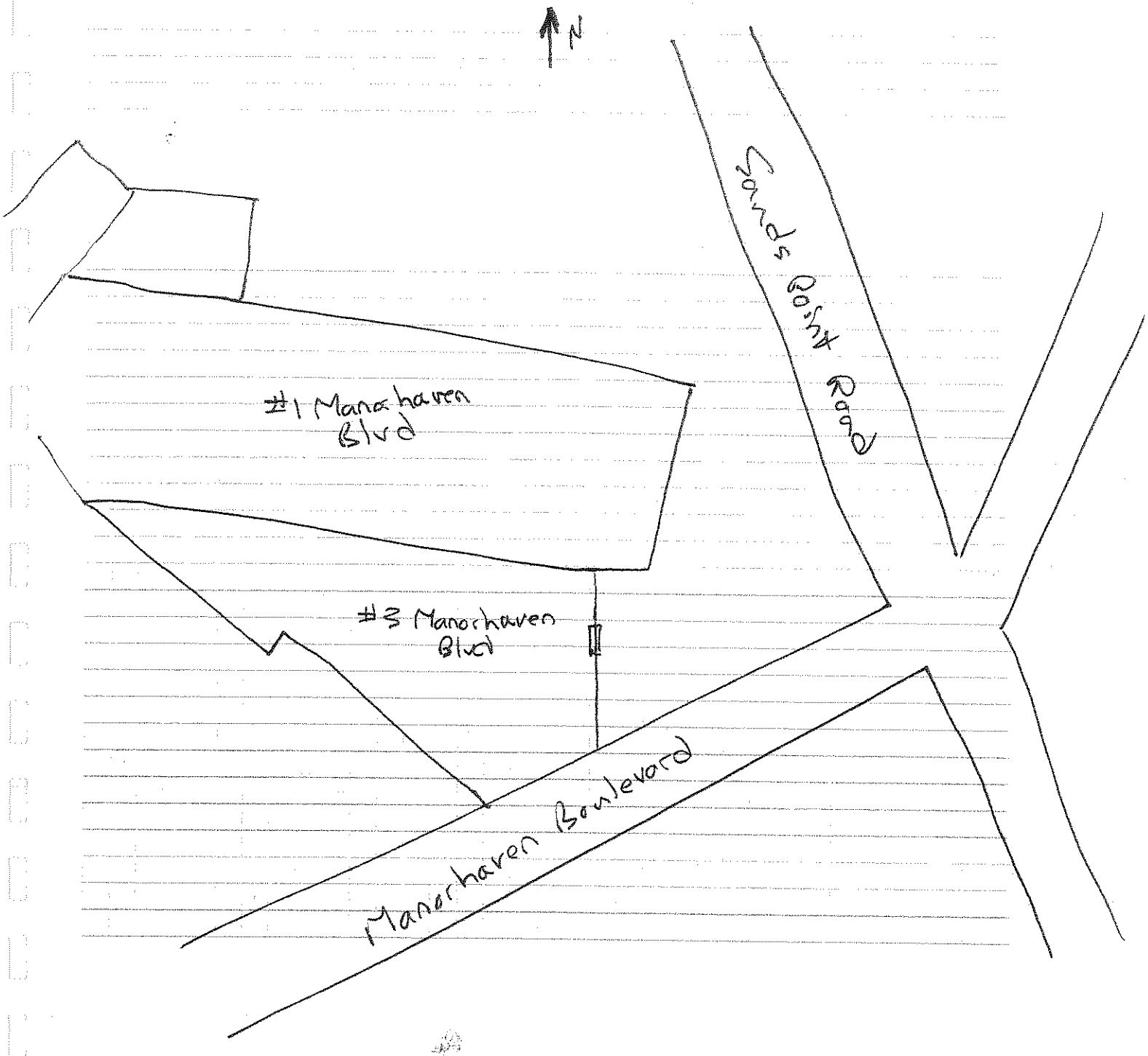
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Photovac 2020 photoionization detector

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Paul Stewart Date/Time Prepared 2/9/09 11:25am

Preparer's Affiliation Advanced Cleanup Tech Phone No. 516-933-0655

Purpose of Investigation Former Chez Valet IRM RI/FS (Site # 105169)

1. OCCUPANT:

Interviewed: Y (N)

Last Name: Gonzales First Name: Bianca, Natalie

Address: 3 Sands Point Rd, Port Washington, NY 11050

County: Nassau

Home Phone: 516-241-2166 Office Phone: _____

Number of Occupants/persons at this location 2 Age of Occupants 55, 25

2. **OWNER OR LANDLORD:** (Check if same as occupant ___)

Interviewed: (Y) N

Last Name: Raimo First Name: Tony

Address: 3 Manorhaven Blvd, Port Washington, NY 11050

County: Nassau

Home Phone: _____ Office Phone: 516-883-8138

3. **BUILDING CHARACTERISTICS**

Type of Building: (Circle appropriate response)

(Residential) School Commercial/Multi-use
Industrial Church Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
(Cape Cod)	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) N/A

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 2 Building age ~50yrs

Is the building insulated? (Y) N How air tight? Tight (Average) Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	(crawlspace)	slab	other _____
c. Basement floor:	concrete	(dirt)	stone	other _____
d. Basement floor:	(uncovered)	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Flooring

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	(Hot water baseboard)	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	(Fuel Oil)	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Fuel Oil

Boiler/furnace located in:	Basement	Outdoors	(Main Floor)	Other_____
Air conditioning:	Central Air	(Window units)	Open Windows	None

Are there air distribution ducts present? Y / (N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

N/A

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never N/A

Level	General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)
Basement	N/A
1st Floor	kitchen, living room, bathroom
2nd Floor	Bedrooms
3rd Floor	N/A
4th Floor	N/A

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type?_____

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? Y / (N) When & Type?_____

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

j. **Has painting/staining been done in the last 6 months?** Y (N) Where & When? _____

k. **Is there new carpet, drapes or other textiles?** Y (N) Where & When? _____

l. **Have air fresheners been used recently?** Y (N) When & Type? _____

m. **Is there a kitchen exhaust fan?** Y (N) If yes, where vented? _____

n. **Is there a bathroom exhaust fan?** Y (N) If yes, where vented? _____

o. **Is there a clothes dryer?** (Y) N If yes, is it vented outside? (Y) N

p. **Has there been a pesticide application?** Y (N) When & Type? _____

Are there odors in the building? Y (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N unknown
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service

No
(Unknown)

Is there a radon mitigation system for the building/structure? Y (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. **Provide reasons why relocation is recommended:** _____

b. **Residents choose to:** remain in home relocate to friends/family relocate to hotel/motel

c. **Responsibility for costs associated with reimbursement explained?** Y / N

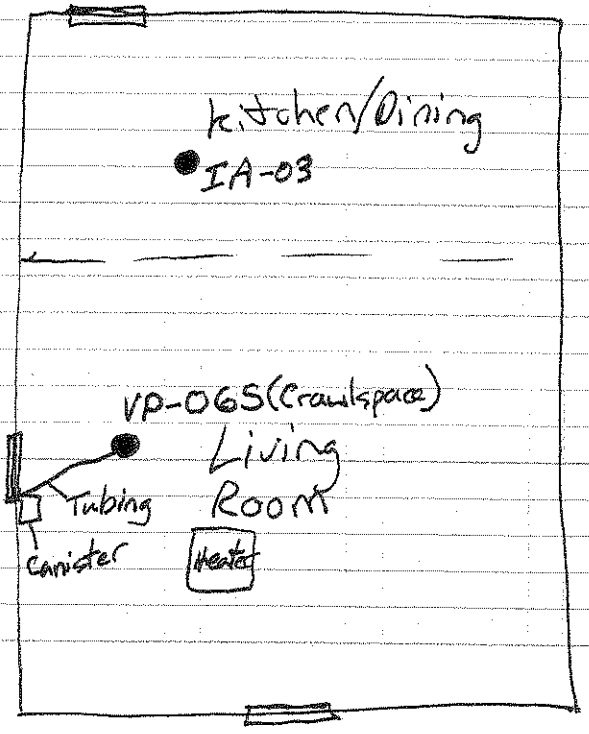
d. **Relocation package provided and explained to residents?** Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

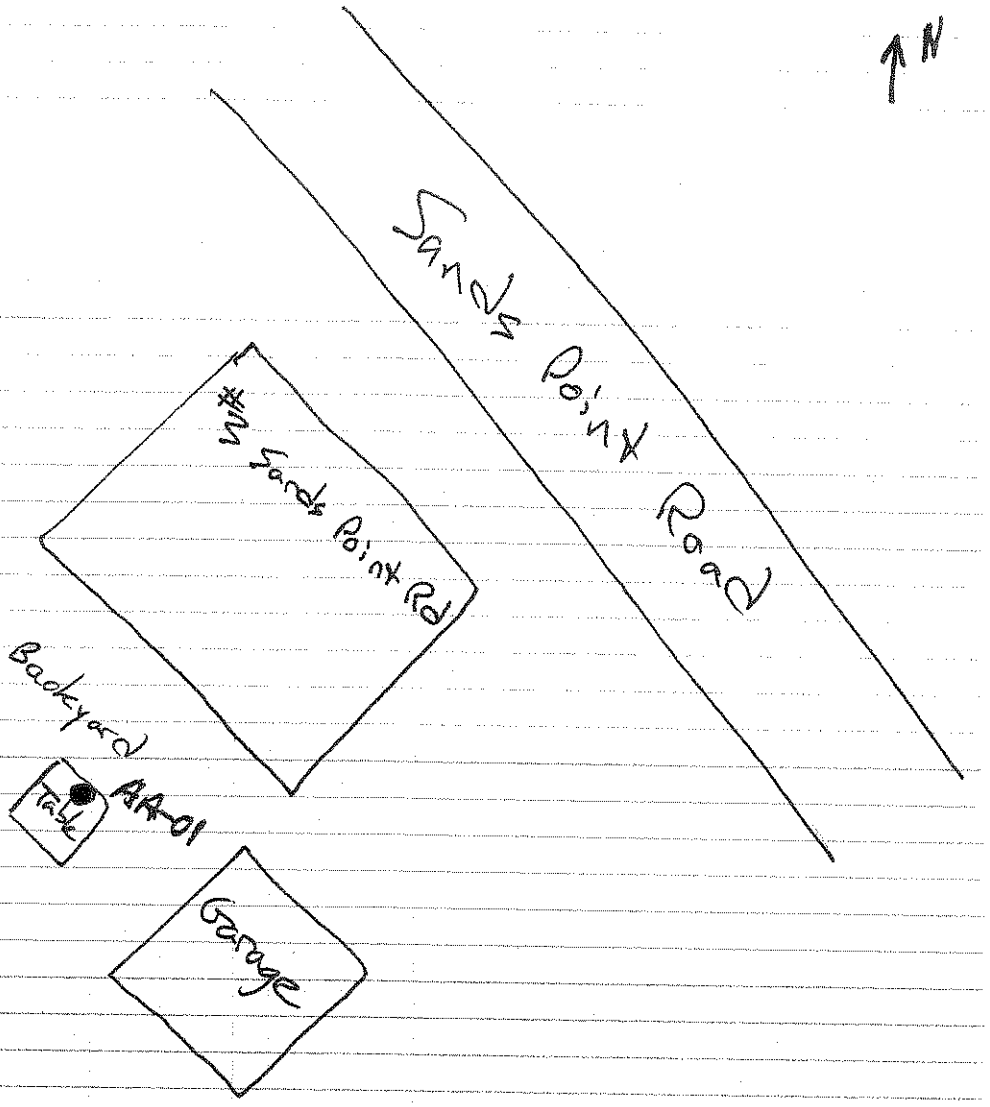
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Brian + DEC

1-3 Manorhaven Blvd. 2/9/09
Port Washington, NY #5621-PWNY
PH-II Vapor Pts / Indoor Air / Ambient Air

VP-04 Can #1632 controller #1165
Start Time: 8:39 T=62° P=-30"
End Time: 8:28 T=62° P=0"

IA-01 (Hair Salon) Can #1622 Cont#1025
Start: Time: 9:01 T=66° P=-30
End : " : 8:35 T=66° P=0"

VP-03 Can #1618 Control #1074
Start: Time: 9:29 T=35° P=-30
End : " : 8:42 T=35° P=0"

VP-02 Can #3401 Cont #1033
Start: Time = 9:44 T=35° P=-30
End : " = 8:52 T=35° P=5"

VP-01 Can #1631 cont # 2132
Start: Time = 10:05 T=35° P=-30
End: " = 8:55 T=35° P=0"

VP-05 Can # 3404 cont # 919
Start Time = 10:32 T=37° P=-30"
End " = 9:01 T=37° P=0"

(Basement)

IA-02 Can #3419 Cont #2121
Start: Time: 10:38 T=37° P=-30
End: Time: 9:05 T=37° P=0"

VP-06 (Residence) Can # 3414 cont # 2128
Start: Time = 11:01 T=50° P=-30
End : " = 9:10 T=40° P=2.5"

IA-03 (Residence) Can # cont #
Start: Time =
End : " =

AA-01 (Ambient Air) exterior
Start: Time = 11:17 T=41° P=-30
End : " = 9:14 T=40° P=0"

IA-03 (Residence) Can # 3416 Cont. #1012
Start: Time = 11:23 T=72° P=-30"
End: " = 10:46 T=72° P=0"

→ Brian from DEC said to move IA-02 to basement

MW-03 + MW-05 Total Depth = 15'
→ 10 ft screen, 5 ft riser DTW = 7-8'
MW-04 to be installed when markout is re-done as per Brian (DEC) area
→ Hand dug + found a pipe, many utilities in

TW-15 depth 12' 2/10/09
No odor → purged 1 gal - clear
→ Spit sample w/ Brian WT @ ≈ 9'
→ Sample full array + duplicate vocs 9.1'
Floor Cons. 2-3" in each

SB-12 0-10.5' No odor, PID=0.0
0-5' Recovery 1.5'
5-10.5' " 4' 0-1' = Fill
2 dark layers 0-6" w/ orange med-coarse sand
6"-10.5 orange-brown med-
V. coarse sand w/ pebbles
Sampled @ 9' 1-4oz
→ small area of black staining @ 9'

SB-11 0-10.5' No odor PID=0.0
0-5' - 2.5' recovery
5-10.5' - 4.5' recovery → For Duplicate
→ Sampled @ 8.5' 2-4oz, 4oz, 8oz
→ orange-brown med-coarse sand
w/ pebbles

SB-05 0-9' (Sump bottom) Con=4"
→ Sump depth 1.5-2' No odor
0-5' - 2.5' recovery PID=0.0
5-9' - 3' recovery
→ orange-tan-brown med-coarse sand w/ pebbles
→ Sampled @ 7ft 2-4oz

SB-09 0-10.5' No Odor PID=0.0
0-5' - 2.5' recovery
5-10.5' - 4' recovery
→ orange-brown med-V. coarse
sand w/ pebbles
→ Sampled @ 9' 2-4oz, 4oz, 8oz
(Brian recommends sending for full array)

SB-13 0-10.5' No odor PID=0.0
0-5' - 2.5' recovery
5-10.5' - 4' recovery
→ orange-brown med-V. coarse
sand w/ pebbles
→ Sampled 8-9' 2-4oz

SB-08 0-10.5' No odor PID=0.0
0-5' - 2.5' recovery
5-10.5' - 4' "
→ orange-brown med-V. coarse sand
w/ pebbles
→ Sampled @ 1' - 4-4oz
(as per Brian) → Matrix + Matrix spike

TW-14 @ 38 ft 2/11/09
No odor
→ purged gal
→ Sampled 3 - 40mL

2/11/09

SB-07 0-10.5'
0-5' - 3.5' recovery
5-10.5' - 4' recovery
→ orange-brown med-v. coarse sand w/pebbles wet @ ~9'
→ sampled @ 9' 2-2oz

SB-06 0-6" No odor PID=0.0
→ dark brown med-v. coarse sand w/pebbles
→ Sampled 2-2oz

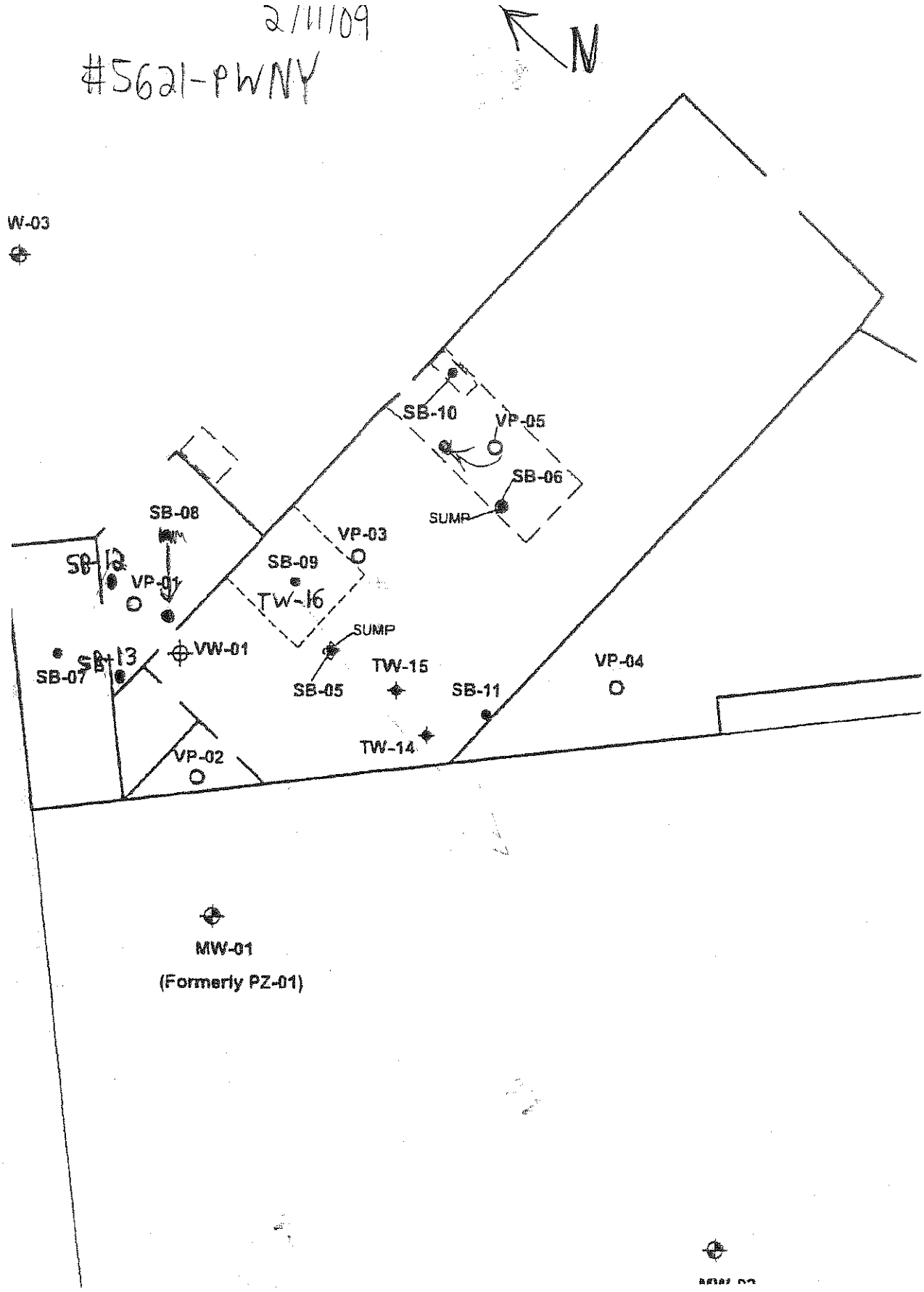
TW-16 @ 12' No odor
→ purged 2gal- clear
→ sampled 3-40mL's

MW-04 Total Depth = 15ft
→ 10 ft screen, 5 ft riser
DTW ≈ 7 ft

SB-10 0-6" No odor PID=0.0
→ brown med- v. coarse sand w/pebbles
→ Sampled 2-2oz

2/11/09

#5621-PWNY



1:37pm

Vac Blower = 53 Well Head Vac = 22

PID exhaust = 0.0 Flow = 100

Well Head Flow 105

VP-01 (S) = -.387

VP-06 (D) = -.008

VP-01 (D) = -.755

VP-02a (S) = -.39

VP-02 (D) = -.173

VP-03 (S) = -.041

VP-03 (D) = -.060

VP-06 (D) = -.008 (1:48 pm)

VP-04 (S) = +.003

VP-04 (D) = +.008

VP-05 (S) = +.001 (1:55 pm)

MW-01 = -.008 (2:11 pm)

2:28pm

Well Head Vac = 30 Flow = 120

VP-01 (S) = -.531

VP-01 (D) = -.616

VP-06 (D) = -.008

2:32

Well Head Vac = 40 Flow = 158

VP-01 (S) = -.68

VP-01 (D) = -1.57

VP-02 (S) = -.70

VP-02a (D) = -.36

VP-03 (S) = -.022

VP-03 (D) = -.098

VP-06 (D) = -.011

VP-05 (S) = -.001

VP-04 (S) = +.002

VP-04 (D) = -.061

Well Head Vac = 52 Flow = 189

VP-04 (D) = .006 to -.001

VP-04 (S) = +.006

VP-05 (S) = +.001

VP-01 (S) = -.844

(D) = -1.67

VP-02 (S) = -.79

VP-03 (D) = -.445

VP-03 (S) = -.088

(D) = -.123

VP-06 (D) = -.014

5621 - PW NY

Steve / Yisong March 11, 2009

1 Manorhaven Port Washington NY

Ground water monitoring and sampling

	DTW (ft)	DTB (ft)
MW-01	8.44	14.43
	head 1.28 above ground	
MW-02	8.82	13.88
	head 1.57 above ground	
MW-03	7.92	14.3
MW-04	6.77	15.0
MW-05	6.925	14.3

5621-PWNY March 11, 2009

MW-01 Horiba Reading

Purge 4G water

Time	PH	COND	TURB	DO	TEMP	SAL
2:30	5.25	0.426	153	5.15	11.1 °C	0.01
2:35	6.41	0.422	55	4.91	11.0 °C	0.01
2:40	6.47	0.420	22	4.58	11.0 °C	0.01
2:45	6.49	0.419	14	4.75	11.0 °C	0.01
2:50	6.49	0.418	10	4.84	11.1 °C	0.01
2:55	6.44	0.414	5	4.85	11.1 °C	0.01
3:00	6.42	0.414	4	4.75	11.1 °C	0.01

5621 - PWNY

March 11, 2009

MW-02 Horiba Reading

Purge 4G water

Time	PH	COND	TURB	DO	TEMP	SAL
13:30	5.16	0.213	29	5.59	9.7°C	0.00
13:35	6.19	0.214	8	5.43	9.6	0.00
13:40	6.47	0.214	3	5.58	9.5	0.00
13:45	6.51	0.214	3	5.52	9.5	0.00

5621 - PWNY

March 11, 2009

MW-03

Horiba Reading

purge 4G water

Time	PH	COND mS/cm	TURB	DO mg/L	TEMP	SAL
0:15	11.57	0.362	~~140~~	6.71	11.0°C	0.01 %
0:20	9.71	0.356	30	~~8~~.55	10.9	0.01
0:25	8.31	0.356	18	6.14	10.9	0.01
0:30	7.49	0.356	9	6.18	10.9	0.01
0:35	6.96	0.356	6	6.03	10.9	0.01
0:40	6.63	0.355	~~5~~	6.06	10.8	0.01
0:45	6.43	0.354	5	6.13	10.8	0.01
0:50	6.28	0.353	4	6.12	10.8	0.01
0:55	6.21	0.353	3	6.18	10.8	0.01
1:00	6.18	0.353	3	6.15	10.8	0.01
1:05						

5621-PWNY

March 11, 2009

MW-04

Horiba Readings

Purge 4G water

Time	PH	COND	TURB	DO	TEMP	SAL
12:50	7.63	0.262	15	3.06	11.2°C	0.01
12:55	7.51	0.322	5	2.73	11.1°C	0.01
13:00	7.29	0.379	5	2.46	11.1°C	0.01
13:05	6.43	0.403	3	2.29	11.1°C	0.01
13:10	6.47	0.417	2	2.26	11.1°C	0.01

5621 - PWNY

March 11, 2009

MW-05

Horiba Reading

Purge 5G water

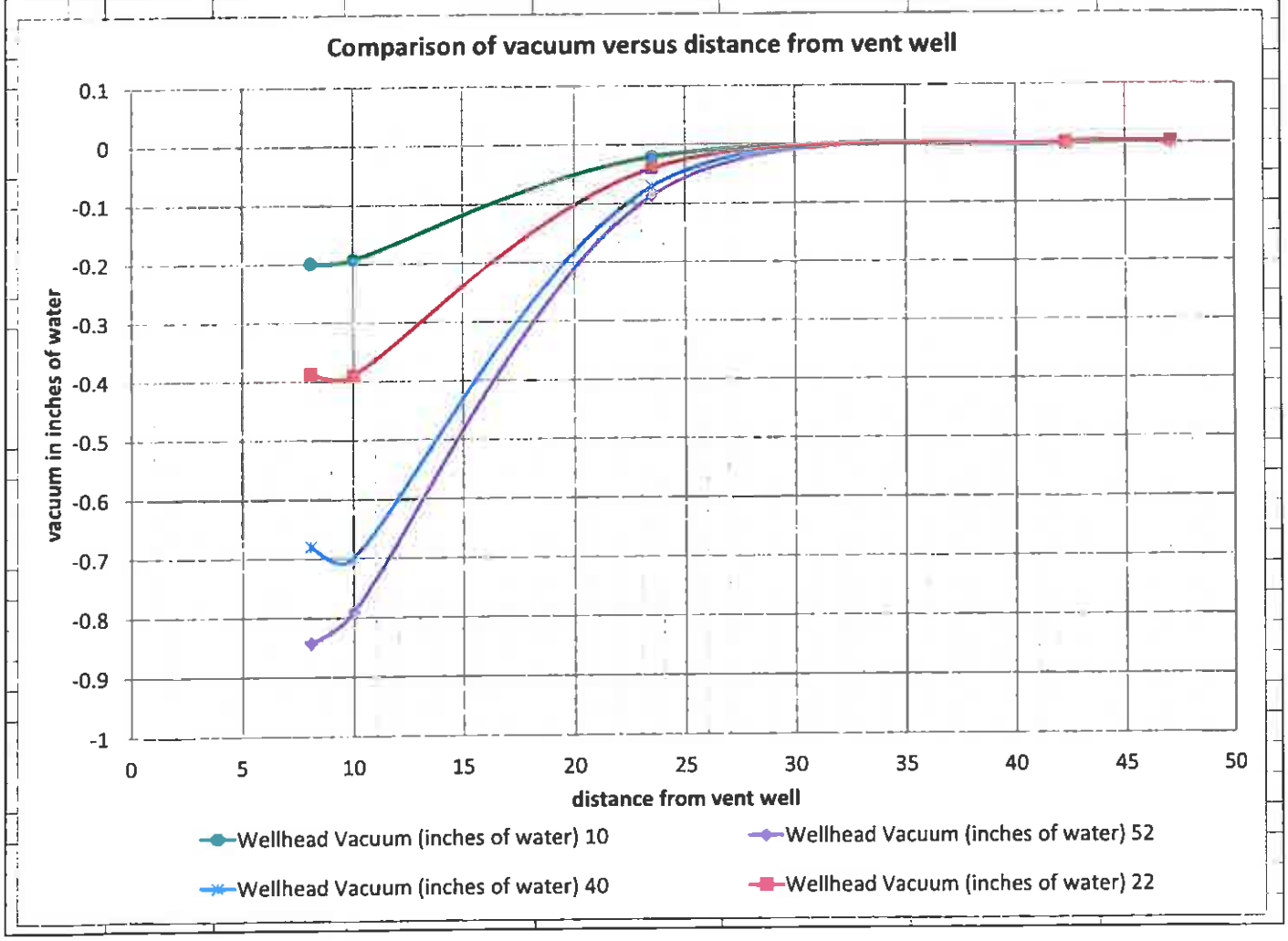
sheen on water

Time	PH	COND	TURB	DO	TEMP	SAL
11:30	2.06	0.816	999	1.05	11.5	0.03
11:35	NA					
11:40	NA					
11:45	NA					
11:50	NA					
11:55	NA					
12:00	6.19	1.32	170	.60	11.6	.05
12:05	6.24	1.35	191	.22	11.6	0.06
12:10	6.27	1.41	156	.18	11.6	0.06
12:15	6.45	1.52	170	1.00	11.7	.06
12:20	6.47	1.53	149	0.54	11.7	0.06
12:25	6.49	1.54	170	0.52	11.7	.06

1-3 Manorhaven Blvd. 3/6/09
Port Washington, NY
#5621-PWNY 45° Cloudy
Pilot Test 59% R. Humidity
Barametric Pressure = 30.08 Zero"
Start Time = 12:58 pm
Vac into blower (Vac Blower) = 23
Well Head Vac = 0.0
PID = 0.0 @ PI-303
VP-01 (deep) = +0.02" H_2O

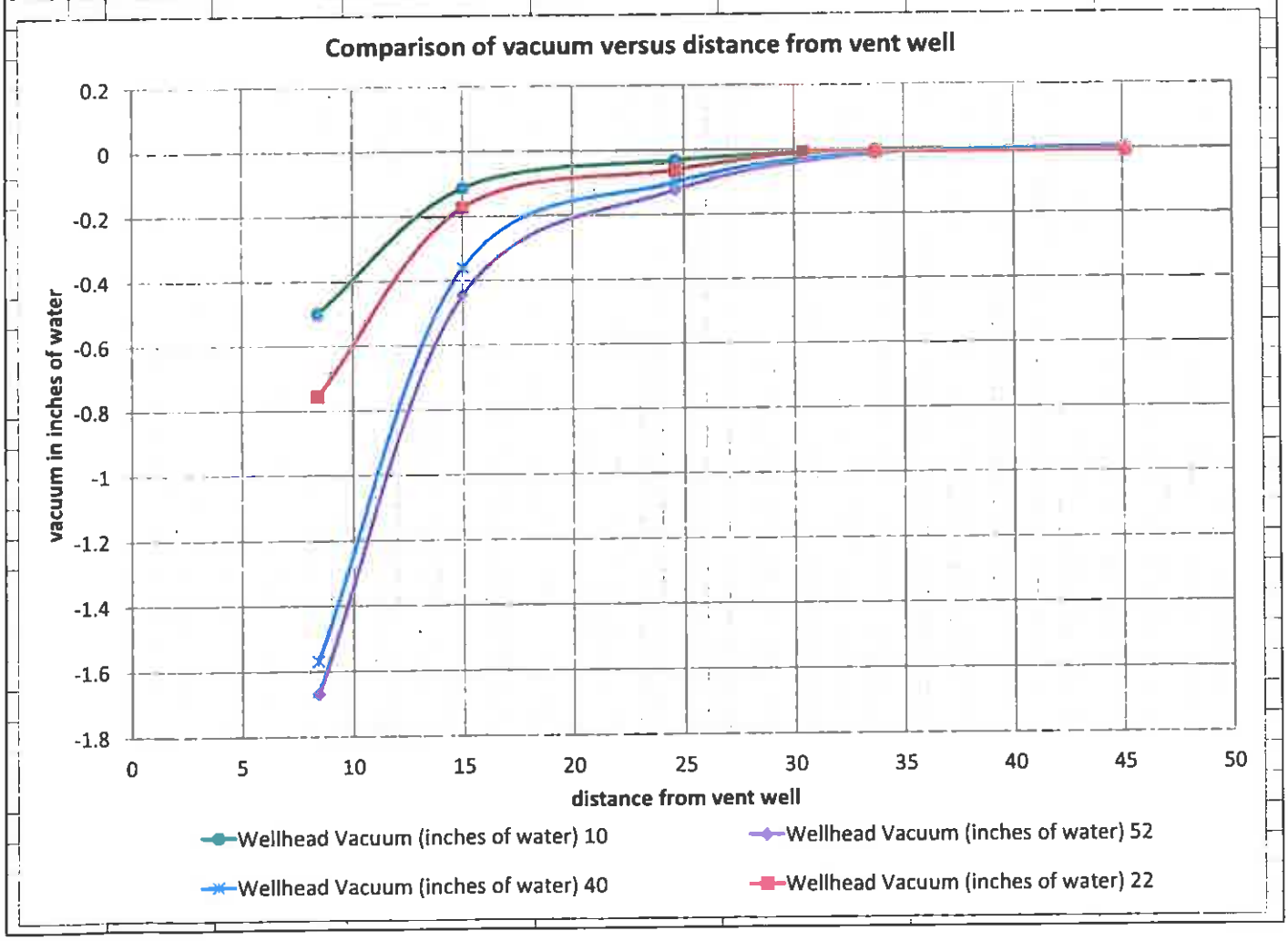
Well Head Vac = 10 Time = 1:09
Vac Blower = 34
PID = 0.0 Exhaust = PID = 0.0
Flow Rate = 217 ft^3/min (@ system)
Flow Rate = 85 (well head)
VP-01 (shallow) = -.199"
VP-01 (deep) = -.50"
VP-02 (S) = -.193
VP-02 (D) = -.112
VP-03 (S) = -.021
VP-03 (D) = -.03
VP-06 (D) = -.004
VP-05 (S) = -.001
VP-04 (S) = +.003
VP-04 (D) = +.002

Location Name	Distance from vent well (ft)	Wellhead Vacuum (inches of water) 10	Wellhead Vacuum (inches of water) 22	Wellhead Vacuum (inches of water) 30	Wellhead Vacuum (inches of water) 40	Wellhead Vacuum (inches of water) 52
VP- 01 Shallow	8.03	-0.199	-0.387	-0.531	-0.68	-0.844
VP- 02 Shallow	9.99	-0.193	-0.39		-0.7	-0.79
VP- 03 Shallow	23.48	-0.021	-0.041		-0.072	-0.088
VP- 05 Shallow	42.31	-0.001	0.001		-0.001	0.001
VP- 04 Shallow	47.08	0.003	0.003		0.002	-0.001



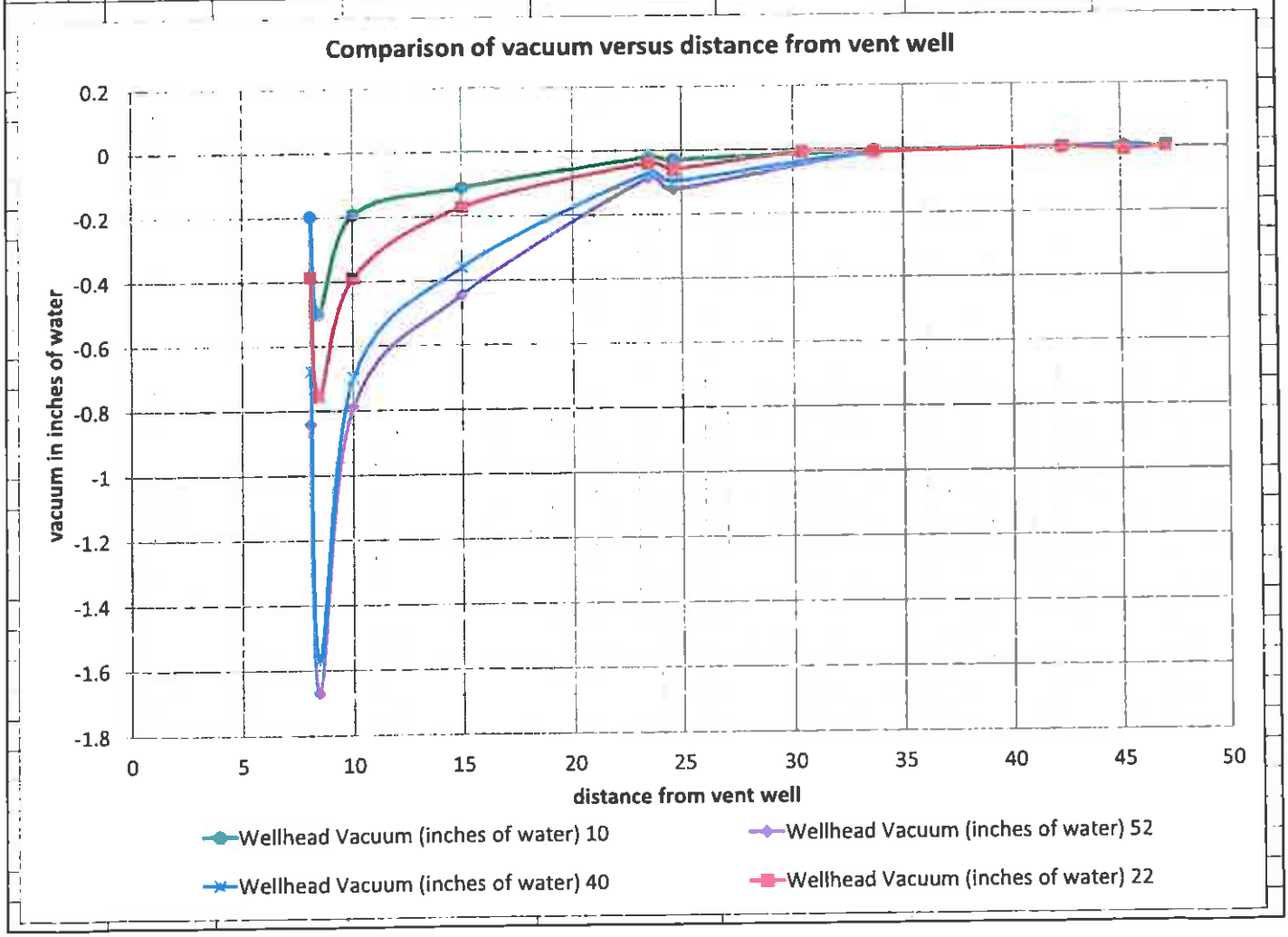
CHEZ VALET VACUUM PILOT TEST

Location Name	Distance from vent well (ft)	Wellhead Vacuum (inches of water) 10	Wellhead Vacuum (inches of water) 22	Wellhead Vacuum (inches of water) 30	Wellhead Vacuum (inches of water) 40	Wellhead Vacuum (inches of water) 52
VP- 01 Deep	8.39	-0.5	-0.755	-0.616	-1.57	-1.67
VP- 02 Deep	14.99	-0.112	-0.173		-0.36	-0.445
VP- 03 Deep	24.61	-0.03	-0.06		-0.098	-0.123
MW- 01 Deep	30.42		-0.008			
VP- 06 Deep	33.69	-0.004	-0.008	-0.008	-0.011	-0.014
VP- 04 Deep	45.14	0.002	-0.008		0.001	0.006



CHEZ VALET VACUUM PILOT TEST

Location Name			Distance from vent well (ft)	Wellhead Vacuum (inches of water) 10	Wellhead Vacuum (inches of water) 22	Wellhead Vacuum (inches of water) 30	Wellhead Vacuum (inches of water) 40	Wellhead Vacuum (inches of water) 52
				10	22	30	40	52
VP-	01	Shallow	8.03	-0.199	-0.387	-0.531	-0.68	-0.844
VP-	01	Deep	8.39	-0.5	-0.755	-0.616	-1.57	-1.67
VP-	02	Shallow	9.99	-0.193	-0.39		-0.7	-0.79
VP-	02	Deep	14.99	-0.112	-0.173		-0.36	-0.445
VP-	03	Shallow	23.48	-0.021	-0.041		-0.072	-0.088
VP-	03	Deep	24.61	-0.03	-0.06		-0.098	-0.123
MW-	01	Deep	30.42		-0.008			
VP-	06	Deep	33.69	-0.004	-0.008	-0.008	-0.011	-0.014
VP-	05	Shallow	42.31	-0.001	0.001		-0.001	0.001
VP-	04	Deep	45.14	0.002	-0.008		0.001	0.006
VP-	04	Shallow	47.08	0.003	0.003		0.002	-0.001



1-3 Manorhaven Blvd.
Port Washington, NY
#5621 - PWNY

2/16/11

Survey wells

MW	BTW (FT)	1st attempt Elevation (ft)	2nd location Elevation (ft)
3	7.175	4.34	3.60
4	5.94	6.28 *	5.36
5	6.01	5.80	4.91
A	—	4.125	3.35
B	—	4.21	3.36

Height of transit = ~~5.21~~ (1st) // 5.225 (2nd location)

A = corner of building

T = transit location T1 = 1st attempt T2 = 2nd location

B = corner of building

* approximate

* → Use 2nd location data

→ Had to move location, due to utility pole in the way

Survey Calculations:

	Ref	Transit	TOC	(2/16/11) DTW	El
MW-03:	100	− 3.60 =	96.4	− 7.175	= 89.225
MW-04:	100	− 5.36 =	94.64	− 5.94	= 88.70
MW-05:	100	− 4.91 =	95.09	− 6.01 =	89.08

3/11/09 Elevations

	TOC	DTW	El
MW-03:	96.4	− 7.92 =	88.48
MW-04:	94.64	− 6.77 =	87.87
MW-05:	95.09	− 6.925 =	88.165

APPENDIX C

LABORATORY REPORTS

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 200700538 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.580 LONGITUDE: 73 42.547 SOURCE: 1 FORMAT: 3
LOCATION: 4 ASHWOOD RD (STRANGOLALLI (516) 380-0077)
DESCRIPTION: BASEMENT CHEZ VALET DRY CLEANERS
SAMPLING PNT ADDR: 4 ASHWOOD RD, MANORHAVEN
NOTIFICATION ADDR: 4 ASHWOOD RD, MANORHAVEN
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 08/01/2007 14:19 TO 08/02/2007 14:22 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1443 MINUTES
TETRACHLOROETHENE	< 5. MCG/CU.M.

**** END OF REPORT ****

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PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 200700539 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.580 LONGITUDE: 73 42.547 SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: 4 ASHWOOD RD/1ST FLOOR KITCHEN (516-380-0077)
SAMPLING PNT ADDR: 4 ASHWOOD RD, MANORHAVEN
NOTIFICATION ADDR: 4 ASHWOOD RD, MANORHAVEN
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 08/01/2007 14:22 TO 08/02/2007 14:24 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1442 MINUTES
TETRACHLOROETHENE	< 5. MCG/CU.M.

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SAMPLE ID: 200700540 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.662 LONGITUDE: 73 42.503 SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: JP SOUSA ELEM SCHOOL/PRACTICE RM 144B
SAMPLING PNT ADDR: 101 SANDS PT RD, MANORHAVEN
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 08/01/2007 13:38 TO 08/02/2007 13:57 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1459 MINUTES
TETRACHLOROETHENE	< 5. MCG/CU.M.

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SAMPLE ID: 200700541 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.662 LONGITUDE: 73 42.503 SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: JP SOUSA ELEM SCHOOL/PRACTICE RM 144B - DUPLICATE
SAMPLING PNT ADDR: 101 SANDS PT RD, MANORHAVEN
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 08/01/2007 13:41 TO 08/02/2007 13:58 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1457 MINUTES
TETRACHLOROETHENE	< 5. MCG/CU.M.

**** END OF REPORT ****

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SAMPLE ID: 200700542 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: LONGITUDE: SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: JOHN PHILLIPS SOUSA ELEMENTARY SCHOOL/CRAWL SPACE
SAMPLING PNT ADDR: 101 SANDS PT RD, MANORHAVEN
NOTIFICATION ADDR: SAA
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 08/01/2007 13:31 TO 08/02/2007 13:54 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1463 MINUTES
TETRACHLOROETHENE	< 5. MCG/CU.M.

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SAMPLE ID: 200700543 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.662 LONGITUDE: 73 42.503 SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: OUTDOOR AMBIENT/SCHOOL FRONT YARD
SAMPLING PNT ADDR: 101 SANDS PT RD, MANORHAVEN
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 08/01/2007 13:45 TO 08/02/2007 14:01 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1456 MINUTES
TETRACHLOROETHENE	< 5. MCG/CU.M.

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SAMPLE ID: 200700544 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.619 LONGITUDE: 73 42.524 SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: 3 SANDS PT RD/REIMO 516-644-1825 (FRONT KITCHEN)
SAMPLING PNT ADDR: SAA, MANORHAVEN
NOTIFICATION ADDR: SAA, "
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 08/01/2007 13:15 TO 08/02/2007 14:17 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1502 MINUTES
TETRACHLOROETHENE	< 5. MCG/CU.M.

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SAMPLE ID: 200700545 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.619 LONGITUDE: 73 42.524 SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: 3 SANDS POINT RD/REIMO (516) 644-1825 BACK KITCHEN
SAMPLING PNT ADDR: 3 SANDS PT RD, MANORHAVEN
NOTIFICATION ADDR: ", "
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 08/01/2007 13:11 TO 08/02/2007 14:16 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1505 MINUTES
TETRACHLOROETHENE	8. MCG/CU.M.

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SAMPLE ID: 200700546 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.575 LONGITUDE: 73 42.504 SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: HAIR SALON (TONY REIMO 516-644-1825)
SAMPLING PNT ADDR: 3 MANORHAVEN BLVD, MANORHAVEN
NOTIFICATION ADDR: ", "
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 08/01/2007 14:06 TO 08/02/2007 14:11 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1445 MINUTES
TETRACHLOROETHENE	260. MCG/CU.M.

**** END OF REPORT ****

NYS ELAP ID 10763, LAB DIR DR K. ALDOUS, CONTACT MR A. BUCCIFERRO 518-486-2530
COPIES SENT TO: CO(1) RO(1) LPHE(1) FED(0) INFO-P(0) INFO-L(0)

GARY A. LITWIN
BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT. COLLECTED BY:J DEFRANCO
NYS DEP'T OF HEALTH
FLANIGAN SQ.,547 RIVER ST.
TROY ****INTERAGENCY MAIL****

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 200700547 SAMPLE RECEIVED: 08/03/2007 CHARGE: 4.00
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.575 LONGITUDE: 73 42.498 SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: CHEZ VALET DRY CLEANERS - OUTDOOR AMBIENT
SAMPLING PNT ADDR: 3 MANORHAVEN BLVD, MANORHAVEN
NOTIFICATION ADDR: ", "
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 08/01/2007 14:10 TO 08/02/2007 14:13 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
ELAPSED TIME	1443 MINUTES
TETRACHLOROETHENE	25. MCG/CU.M.

**** END OF REPORT ****

NYS ELAP ID 10763, LAB DIR DR K. ALDOUS, CONTACT MR A. BUCCIFERRO 518-486-2530
COPIES SENT TO: CO(1) RO(1) LPHE(1) FED(0) INFO-P(0) INFO-L(0)

GARY A. LITWIN
BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT. COLLECTED BY:J DEFRANCO
NYS DEP'T OF HEALTH
FLANIGAN SQ.,547 RIVER ST.
TROY ****INTERAGENCY MAIL****

0290 NEW YORK STATE DEPARTMENT OF HEALTH 223
WADSWORTH CENTER
EMPIRE STATE PLAZA, ALBANY NY 12201

PAGE 1 RESULTS OF EXAMINATION FINAL REPORT

SAMPLE ID: 200700548 SAMPLE RECEIVED: 08/03/2007 CHARGE: 3.90
PROGRAM: 112: INDOOR AIR
SOURCE ID: 130169 DRAINAGE BASIN: 17 GAZETTEER CODE: 2951
POLITICAL SUBDIVISION: NO. HEMPSTEAD COUNTY: NASSAU
LATITUDE: 40 50.575 LONGITUDE: 73 42.504 SOURCE: 1 FORMAT: 3
LOCATION: CHEZ VALET DRY CLEANERS
DESCRIPTION: BLANK
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-BL: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 950: CONTROL - AIR CARTRIDGE BLANK
TIME OF SAMPLING: 08/01/2007 TO 08/02/2007 DATE PRINTED: 08/15/2007

ANALYSIS: BADGE-BL ORGANIC VAPOR MONITORING BADGE - BLANK
DATE PRINTED: 08/15/2007 FINAL REPORT

PARAMETER	RESULT
TETRACHLOROETHENE	< 0.01 MCG

**** END OF REPORT ****

NYS ELAP ID 10763. LAB DIR DR K. ALDOUS, CONTACT MR A. BUCCIFERRO 518-486-2530
COPIES SENT TO: CO(1) RO(1) LPHE(1) FED(0) INFO-P(0) INFO-L(0)

GARY A. LITWIN
BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT. COLLECTED BY:J DEFRANCO
NYS DEP'T OF HEALTH
FLANIGAN SQ.,547 RIVER ST.
TROY ****INTERAGENCY MAIL****

H2M LABS, INC.

575 Broad Hollow Rd., Melville, NY 11747
Tel: (631) 694-3040 Fax:(631) 420-8436

(50

AIR CANISTER CHAIN OF CUSTODY

Client Contact Information	Project Manager: Paul Stewart	CLIENT: ACT	H2M SDG NO.: ACT 002
Company: Advanced Cleanup Tech	Phone: 631-293-4992 x12	Samplers Name(s) Steven Walls	C.O.# 179
Address: 115 Rome Street	Site Contact: P. Stewart	with Category B Deliverables	
City/State/Zip Farmingdale, NY			
Phone: 631-293-4992			
FAX: 631-293-4996			
Project Name:	Analysis Turnaround Time		
Site: 5621-PWNY	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Date Collected	Time Collected	Temp. (F)	Canister Pressure FIELD Initial("Hg) (Start)	FIELD ("Hg) / PSI (Stop)	LAB Outgoing ("Hg) (Lab)	LAB Incoming ("Hg) (Lab)	Flow Controller ID	Canister ID	Can Size (L)	LAB ID No.	Analysis TO-15	Analysis OTHER	Matrix Indoor / Ambient Air	Matrix Soil Gas	Matrix Source Level
Not Used — Bad Fitting				-30		-30		→	1617	6.0	0902331	[redacted]				
VP-03	2/10/09	842		-30		-30		1074	1618	6.0	-007A	X			X	
IA-01	↓	835		-30		-30		1025	1622	6.0	-002A	X		X		
Not Used — Bad Fitting				-30		-30		→	1628	6.0		[redacted]				
VP-01	2/10/09	855		-30		-30		2132	1631	6.0	-005A	X			X	
VP-04		828		-30		-30		1165	1632	6.0	-008A	X			X	
VP-02		852		-30		-30		1033	3401	6.0	-006A	X			X	
VP-05		901		-30		-30		919	3404	6.0	-001A	X			X	
AA-01		914		-30		-30		1028	3413	6.0	-001A	X		X		
VP-06	↓	910		-30		-30		2128	3414	6.0	↓ -010A	X			X	

	Pressure			Temperature (Fahrenheit)		
	Ambient	Maximum	Minimum	Ambient	Maximum	Minimum
Start						
Stop						

Special Instructions/QC Requirements & Comments:

Samples Relinquished by:	Date/Time: 2/11/09 1413	Received by:	Date/Time: 2/11/09 1413
Relinquished by:	Date/Time:	Received by:	Date/Time:

WHITE COPY - ORIGINAL YELLOW COPY - CLIENT PINK COPY - LABORATORY

Notify lab if equipment is damaged upon receipt. Client is responsible for damage to equipement

ACT002 S6

H2M LABS, INC.

575 Broad Hollow Rd., Melville, NY 11747
Tel: (631) 694-3040 Fax:(631) 420-8436

(51

AIR CANISTER CHAIN OF CUSTODY

Client Contact Information	Project Manager: Paul Stewart	CLIENT: ACT	H2M SDG NO.: ACT 002
Company: Advanced Cleanup Tech.	Phone: 631-293-4992 X12	Samplers Name(s) Steven Walls	C.O # 179
Address: 115 Rome Street	Site Contact: P. Stewart	With Category B Deliverables	
City/State/Zip Farmingdale, NY			
Phone: 631-293-4992			
FAX: 631-293-4986			
Project Name:	Analysis Turnaround Time		
Site: 5621-PWNY	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Date Collected	Time Collected	Temp. (F)	Canister Pressure FIELD Initial("Hg) (Start)	Canister Pressure FIELD ("Hg) / PSI (Stop)	Canister Pressure LAB Outgoing ("Hg) (Lab)	Canister Pressure LAB Incoming ("Hg) (Lab)	Flow Controller ID	Canister ID	Can Size (L)	LAB ID No.	Analysis: TO-15	Analysis: OTHER	Matrix: Indoor / Ambient Air	Matrix: Soil Gas	Matrix: Source Level
IA-03	2/10/09	1046		-30		-30		1012	3416	6.0	0902331 - 004A	X		X		
IA-02	↓	905		-30		-30		2121	3419	6.0	↓ - 003A	X		X		

Pressure	Ambient	Maximum	Minimum
Start			
Stop			

Temperature (Fahrenheit)	Ambient	Maximum	Minimum
Start			
Stop			

Special Instructions/QC Requirements & Comments:

Samples Relinquished by:	Date/Time: 2/11/09 1413	Received by:	Date/Time: 2/11/09 1413
Relinquished by:	Date/Time:	Received by:	Date/Time:

WHITE COPY - ORIGINAL YELLOW COPY - CLIENT PINK COPY - LABORATORY

Notify lab if equipment is damaged upon receipt. Client is responsible for damage to equipement

ACT002 S7

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-001A

Sample Information...
Type : Air

Origin:

Client Sample ID. : AA-01

Collected :2/10/2009 9:14:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	0.48	ppbv		1	2.37	µg/m³	02/17/2009 2:52 PM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	02/17/2009 2:52 PM
Chloromethane	0.57	ppbv		1	1.18	µg/m³	02/17/2009 2:52 PM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	02/17/2009 2:52 PM
Vinyl chloride	< 0.20	ppbv		1	< 0.51	µg/m³	02/17/2009 2:52 PM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	02/17/2009 2:52 PM
Methylene chloride	0.45	ppbv		1	1.56	µg/m³	02/17/2009 2:52 PM
Acetone	3.30	ppbv	B	1	7.84	µg/m³	02/17/2009 2:52 PM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	02/17/2009 2:52 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	02/17/2009 2:52 PM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	02/17/2009 2:52 PM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	02/17/2009 2:52 PM
Trichlorofluoromethane	0.27	ppbv		1	1.52	µg/m³	02/17/2009 2:52 PM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	02/17/2009 2:52 PM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	02/17/2009 2:52 PM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	02/17/2009 2:52 PM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	02/17/2009 2:52 PM
Methyl ethyl ketone	< 0.20	ppbv		1	< 0.59	µg/m³	02/17/2009 2:52 PM
Chloroform	< 0.20	ppbv		1	< 0.98	µg/m³	02/17/2009 2:52 PM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.79	µg/m³	02/17/2009 2:52 PM
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/17/2009 2:52 PM
Carbon tetrachloride	< 0.20	ppbv		1	< 1.26	µg/m³	02/17/2009 2:52 PM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	02/17/2009 2:52 PM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	02/17/2009 2:52 PM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	02/17/2009 2:52 PM
Trichloroethene	< 0.05	ppbv		1	< 0.25	µg/m³	02/17/2009 2:52 PM
Benzene	0.26	ppbv		1	0.83	µg/m³	02/17/2009 2:52 PM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	02/17/2009 2:52 PM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	02/17/2009 2:52 PM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/17/2009 2:52 PM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	02/17/2009 2:52 PM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/17/2009 2:52 PM
Methyl butyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/17/2009 2:52 PM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	02/17/2009 2:52 PM
Tetrachloroethene	< 0.20	ppbv		1	< 1.36	µg/m³	02/17/2009 2:52 PM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	02/17/2009 2:52 PM
Toluene	0.48	ppbv		1	1.81	µg/m³	02/17/2009 2:52 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S17

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-001A

Client Sample ID. : AA-01

Sample Information...
Type : Air

Origin:

Collected : 2/10/2009 9:14:00 AM
Received : 2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	02/17/2009 2:52 PM
Ethylbenzene	< 0.20	ppbv		1	< 0.87	µg/m³	02/17/2009 2:52 PM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	02/17/2009 2:52 PM
Xylenes (m&p)	< 0.20	ppbv		1	< 0.87	µg/m³	02/17/2009 2:52 PM
Xylenes (o)	< 0.20	ppbv		1	< 0.87	µg/m³	02/17/2009 2:52 PM
1,3,5-Trimethylbenzene	< 0.20	ppbv		1	< 0.98	µg/m³	02/17/2009 2:52 PM
1,2,4-Trimethylbenzene	< 0.20	ppbv		1	< 0.98	µg/m³	02/17/2009 2:52 PM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/17/2009 2:52 PM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/17/2009 2:52 PM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/17/2009 2:52 PM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	02/17/2009 2:52 PM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	02/17/2009 2:52 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Date Reported :

Joann M. Slavin

Laboratory Manager

ACT002 S18

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 , FAX: (631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-002A

Sample Information...
Type : Air

Origin:

Client Sample ID. :IA-01

Collected :2/10/2009 8:35:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99

Copy : Original

CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	0.46	ppbv		1	2.27	µg/m³	02/17/2009 3:38 PM
Dichlorodifluoromethane	< 4.00	ppbv	D	20	< 19.8	µg/m³	02/18/2009 4:54 PM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	02/17/2009 3:38 PM
1,2-Dichlorotetrafluoroethane	< 4.00	ppbv	D	20	< 28.0	µg/m³	02/18/2009 4:54 PM
Chloromethane	0.56	ppbv		1	1.16	µg/m³	02/17/2009 3:38 PM
Chloromethane	< 4.00	ppbv	D	20	< 8.26	µg/m³	02/18/2009 4:54 PM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	02/17/2009 3:38 PM
Bromomethane	< 4.00	ppbv	D	20	< 15.5	µg/m³	02/18/2009 4:54 PM
Vinyl chloride	< 0.20	ppbv		1	< 0.51	µg/m³	02/17/2009 3:38 PM
Vinyl chloride	< 4.00	ppbv	D	20	< 10.2	µg/m³	02/18/2009 4:54 PM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	02/17/2009 3:38 PM
Chloroethane	< 4.00	ppbv	D	20	< 10.6	µg/m³	02/18/2009 4:54 PM
Methylene chloride	0.78	ppbv		1	2.71	µg/m³	02/17/2009 3:38 PM
Methylene chloride	4.00	ppbv	D	20	13.9	µg/m³	02/18/2009 4:54 PM
Acetone	360	ppbv	BE	1	855	µg/m³	02/17/2009 3:38 PM
Acetone	348	ppbv	D	20	827	µg/m³	02/18/2009 4:54 PM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	02/17/2009 3:38 PM
Carbon disulfide	< 4.00	ppbv	D	20	< 12.5	µg/m³	02/18/2009 4:54 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	02/17/2009 3:38 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 4.00	ppbv	D	20	< 30.7	µg/m³	02/18/2009 4:54 PM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	02/17/2009 3:38 PM
1,1-Dichloroethene	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 4:54 PM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	02/17/2009 3:38 PM
1,1-Dichloroethane	< 4.00	ppbv	D	20	< 16.2	µg/m³	02/18/2009 4:54 PM
Trichlorofluoromethane	0.23	ppbv		1	1.29	µg/m³	02/17/2009 3:38 PM
Trichlorofluoromethane	< 4.00	ppbv	D	20	< 22.5	µg/m³	02/18/2009 4:54 PM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	02/17/2009 3:38 PM
Vinyl acetate	< 4.00	ppbv	D	20	< 14.1	µg/m³	02/18/2009 4:54 PM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	02/17/2009 3:38 PM
Methyl tert-butyl ether	< 4.00	ppbv	D	20	< 14.4	µg/m³	02/18/2009 4:54 PM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	02/17/2009 3:38 PM
1,2-Dichloroethene (trans)	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 4:54 PM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	02/17/2009 3:38 PM
1,2-Dichloroethene (cis)	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 4:54 PM
Methyl ethyl ketone	1.66	ppbv		1	4.90	µg/m³	02/17/2009 3:38 PM
Methyl ethyl ketone	< 4.00	ppbv	D	20	< 11.8	µg/m³	02/18/2009 4:54 PM
Chloroform	< 0.20	ppbv		1	< 0.98	µg/m³	02/17/2009 3:38 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S20

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-002A

Sample Information...
Type : Air

Origin:

Client Sample ID. :IA-01

Collected :2/10/2009 8:35:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chloroform	< 4.00	ppbv	D	20	< 19.5	µg/m³	02/18/2009 4:54 PM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.79	µg/m³	02/17/2009 3:38 PM
1,2-Dichloroethane	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 4:54 PM
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/17/2009 3:38 PM
1,1,1-Trichloroethane	< 4.00	ppbv	D	20	< 21.8	µg/m³	02/18/2009 4:54 PM
Carbon tetrachloride	< 0.20	ppbv		1	< 1.26	µg/m³	02/17/2009 3:38 PM
Carbon tetrachloride	< 4.00	ppbv	D	20	< 25.2	µg/m³	02/18/2009 4:54 PM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	02/17/2009 3:38 PM
Bromodichloromethane	< 4.00	ppbv	D	20	< 26.8	µg/m³	02/18/2009 4:54 PM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	02/17/2009 3:38 PM
1,2-Dichloropropane	< 4.00	ppbv	D	20	< 18.5	µg/m³	02/18/2009 4:54 PM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	02/17/2009 3:38 PM
1,3-Dichloropropene (cis)	< 4.00	ppbv	D	20	< 18.2	µg/m³	02/18/2009 4:54 PM
Trichloroethene	0.27	ppbv		1	1.45	µg/m³	02/17/2009 3:38 PM
Trichloroethene	< 0.92	ppbv	D	20	< 4.94	µg/m³	02/18/2009 4:54 PM
Benzene	2.82	ppbv		1	9.01	µg/m³	02/17/2009 3:38 PM
Benzene	< 4.00	ppbv	D	20	< 12.8	µg/m³	02/18/2009 4:54 PM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	02/17/2009 3:38 PM
Dibromochloromethane	< 4.00	ppbv	D	20	< 34.1	µg/m³	02/18/2009 4:54 PM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	02/17/2009 3:38 PM
1,3-Dichloropropene (trans)	< 4.00	ppbv	D	20	< 18.2	µg/m³	02/18/2009 4:54 PM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/17/2009 3:38 PM
1,1,2-Trichloroethane	< 4.00	ppbv	D	20	< 21.8	µg/m³	02/18/2009 4:54 PM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	02/17/2009 3:38 PM
Bromoform	< 4.00	ppbv	D	20	< 41.4	µg/m³	02/18/2009 4:54 PM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/17/2009 3:38 PM
Methyl isobutyl ketone	< 4.00	ppbv	D	20	< 16.4	µg/m³	02/18/2009 4:54 PM
Methyl butyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/17/2009 3:38 PM
Methyl butyl ketone	< 4.00	ppbv	D	20	< 16.4	µg/m³	02/18/2009 4:54 PM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	02/17/2009 3:38 PM
1,2-Dibromoethane	< 4.00	ppbv	D	20	< 30.7	µg/m³	02/18/2009 4:54 PM
Tetrachloroethene	0.37	ppbv		1	2.51	µg/m³	02/17/2009 3:38 PM
Tetrachloroethene	< 4.00	ppbv	D	20	< 27.1	µg/m³	02/18/2009 4:54 PM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	02/17/2009 3:38 PM
1,1,2,2-Tetrachloroethane	< 4.00	ppbv	D	20	< 27.5	µg/m³	02/18/2009 4:54 PM
Toluene	30.9	ppbv		1	116	µg/m³	02/17/2009 3:38 PM
Toluene	27.0	ppbv	D	20	102	µg/m³	02/18/2009 4:54 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S21

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-002A

Sample Information...
Type : Air

Origin:

Client Sample ID. :IA-01

Collected :2/10/2009 8:35:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	02/17/2009 3:38 PM
Chlorobenzene	< 4.00	ppbv	D	20	< 18.4	µg/m³	02/18/2009 4:54 PM
Ethylbenzene	5.62	ppbv		1	24.4	µg/m³	02/17/2009 3:38 PM
Ethylbenzene	< 4.00	ppbv	D	20	< 17.4	µg/m³	02/18/2009 4:54 PM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	02/17/2009 3:38 PM
Styrene	< 4.00	ppbv	D	20	< 17.0	µg/m³	02/18/2009 4:54 PM
Xylenes (m&p)	25.0	ppbv		1	109	µg/m³	02/17/2009 3:38 PM
Xylenes (m&p)	19.4	ppbv	D	20	84.3	µg/m³	02/18/2009 4:54 PM
Xylenes (o)	8.36	ppbv		1	36.3	µg/m³	02/17/2009 3:38 PM
Xylenes (o)	6.80	ppbv	D	20	29.5	µg/m³	02/18/2009 4:54 PM
1,3,5-Trimethylbenzene	1.64	ppbv		1	8.06	µg/m³	02/17/2009 3:38 PM
1,3,5-Trimethylbenzene	< 4.00	ppbv	D	20	< 19.7	µg/m³	02/18/2009 4:54 PM
1,2,4-Trimethylbenzene	7.20	ppbv		1	35.4	µg/m³	02/17/2009 3:38 PM
1,2,4-Trimethylbenzene	6.60	ppbv	D	20	32.4	µg/m³	02/18/2009 4:54 PM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/17/2009 3:38 PM
1,3-Dichlorobenzene	< 4.00	ppbv	D	20	< 24.0	µg/m³	02/18/2009 4:54 PM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/17/2009 3:38 PM
1,4-Dichlorobenzene	< 4.00	ppbv	D	20	< 24.0	µg/m³	02/18/2009 4:54 PM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/17/2009 3:38 PM
1,2-Dichlorobenzene	< 4.00	ppbv	D	20	< 24.0	µg/m³	02/18/2009 4:54 PM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	02/17/2009 3:38 PM
1,3-Hexachlorobutadiene	< 4.00	ppbv	D	20	< 42.7	µg/m³	02/18/2009 4:54 PM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	02/17/2009 3:38 PM
1,2,4-Trichlorobenzene	< 4.00	ppbv	D	20	< 29.7	µg/m³	02/18/2009 4:54 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S22

1F

EPA SAMPLE NO.

IA-01

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-002A

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5078.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/17/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 11 (µg/L or µg/Kg) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000064-17-5	Ethanol-	4.69	329	JN
2.	000067-63-0	Isopropyl Alcohol-	5.29	48.4	JN
3.		unknown siloxane	17.32	25.9	JX
4.		Alkane:Branched (20.14)	20.14	15.5	J
5.		unknown (20.19)	20.19	40.5	J
6.		Alkane:Branched (20.39)	20.39	45.6	J
7.		Alkane:Branched (20.59)	20.59	26.0	J
8.		Alkane:Branched (20.66)	20.66	27.8	J
9.		Alkane:Branched (20.71)	20.71	24.1	J
10.		Alkane:Branched (20.91)	20.91	28.1	J
11.		Alkane:Cyclic (21.01)	21.01	17.2	J
12.		Alkane:Branched (21.07)	21.07	17.5	J
13.		unknown (21.17)	21.17	27.5	J
14.		unknown (21.31)	21.31	58.6	J
15.		unknown (21.41)	21.41	15.2	J
16.		DecahydroMethylNaphthalene(isomer)	21.45	29.1	J
17.		Alkane:Cyclic (21.59)	21.59	18.6	J
18.		unknown aromatic (21.66)	21.66	26.0	J
19.		unknown (21.89)	21.89	24.8	J
20.		unknown aromatic (22.23)	22.23	14.7	J

ACT002 S23

1F

EPA SAMPLE NO.

IA-01DL

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-002ADL

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5106.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 20.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 7 (µg/L or µg/Kg) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000064-17-5	Ethanol-	4.63	246	JND
2.	000067-63-0	Isopropyl Alcohol -	5.26	56.0	JND
3.		unknown (20.18)	20.18	56.0	JD
4.		Alkane:Branched (20.39)	20.39	52.0	JD
5.		Alkane:Branched (20.59)	20.59	30.0	JD
6.		Alkane:Branched (20.66)	20.66	36.0	JD
7.		Alkane:Branched (20.7)	20.70	32.0	JD
8.		Alkane:Branched (20.9)	20.90	36.0	JD
9.		Alkane:Cyclic	21.17	30.0	JD
10.		unknown (21.3)	21.30	58.0	JD
11.		DecahydroMethylNaphthalene(isomer)	21.45	22.0	JD
12.		unknown siloxane	21.64	36.0	JDX
13.		unknown (21.87)	21.87	24.0	JD
14.		Alkane:Branched (22.31)	22.31	24.0	JD

ACT002 S24

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 , FAX:(631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-003A

Sample Information...
Type : Air

Origin:

Client Sample ID. : IA-02

Collected :2/10/2009 9:05:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	0.51	ppbv		1	2.52	µg/m³	02/18/2009 2:52 AM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	02/18/2009 2:52 AM
Chloromethane	0.54	ppbv		1	1.12	µg/m³	02/18/2009 2:52 AM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	02/18/2009 2:52 AM
Vinyl chloride	< 0.20	ppbv		1	< 0.51	µg/m³	02/18/2009 2:52 AM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	02/18/2009 2:52 AM
Methylene chloride	0.45	ppbv		1	1.56	µg/m³	02/18/2009 2:52 AM
Acetone	8.36	ppbv	B	1	19.9	µg/m³	02/18/2009 2:52 AM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	02/18/2009 2:52 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	02/18/2009 2:52 AM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 2:52 AM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	02/18/2009 2:52 AM
Trichlorofluoromethane	0.26	ppbv		1	1.46	µg/m³	02/18/2009 2:52 AM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	02/18/2009 2:52 AM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	02/18/2009 2:52 AM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 2:52 AM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 2:52 AM
Methyl ethyl ketone	< 0.20	ppbv		1	< 0.59	µg/m³	02/18/2009 2:52 AM
Chloroform	< 0.20	ppbv		1	< 0.98	µg/m³	02/18/2009 2:52 AM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 2:52 AM
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 2:52 AM
Carbon tetrachloride	< 0.20	ppbv		1	< 1.26	µg/m³	02/18/2009 2:52 AM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	02/18/2009 2:52 AM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 2:52 AM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 2:52 AM
Trichloroethene	< 0.05	ppbv		1	< 0.25	µg/m³	02/18/2009 2:52 AM
Benzene	0.27	ppbv		1	0.86	µg/m³	02/18/2009 2:52 AM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	02/18/2009 2:52 AM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 2:52 AM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 2:52 AM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	02/18/2009 2:52 AM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 2:52 AM
Methyl butyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 2:52 AM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	02/18/2009 2:52 AM
Tetrachloroethene	0.73	ppbv		1	4.95	µg/m³	02/18/2009 2:52 AM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	02/18/2009 2:52 AM
Toluene	0.53	ppbv		1	2.00	µg/m³	02/18/2009 2:52 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S25

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-003A

Client Sample ID. :IA-02

Sample Information...
Type : Air

Origin:

Collected :2/10/2009 9:05:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 2:52 AM
Ethylbenzene	< 0.20	ppbv		1	< 0.87	µg/m³	02/18/2009 2:52 AM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	02/18/2009 2:52 AM
Xylenes (m&p)	< 0.20	ppbv		1	< 0.87	µg/m³	02/18/2009 2:52 AM
Xylenes (o)	< 0.20	ppbv		1	< 0.87	µg/m³	02/18/2009 2:52 AM
1,3,5-Trimethylbenzene	< 0.20	ppbv		1	< 0.98	µg/m³	02/18/2009 2:52 AM
1,2,4-Trimethylbenzene	< 0.20	ppbv		1	< 0.98	µg/m³	02/18/2009 2:52 AM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 2:52 AM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 2:52 AM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 2:52 AM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	02/18/2009 2:52 AM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	02/18/2009 2:52 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S26

1F

EPA SAMPLE NO.

IA-02

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-003A

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5091.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 3 (µg/L or µg/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	Alkane:Branched	3.99	2.10	J
2.	Alkane:Straight-Chain	4.22	1.80	J
3. 000064-17-5	Ethanol-	4.63	1.50	JN
4. 000067-63-0	Isopropyl Alcohol-	5.25	14.8	JN
5.	unknown siloxane	19.53	1.90	JX

ACT002 S27

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-004A

Sample Information...
Type : Air

Origin:

Client Sample ID. :IA-03

Collected :2/10/2009 10:46:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	0.47	ppbv		1	2.32	µg/m³	02/18/2009 3:38 AM
Dichlorodifluoromethane	< 1.00	ppbv	D	5	< 4.94	µg/m³	02/18/2009 10:26 PM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	02/18/2009 3:38 AM
1,2-Dichlorotetrafluoroethane	< 1.00	ppbv	D	5	< 6.99	µg/m³	02/18/2009 10:26 PM
Chloromethane	0.66	ppbv		1	1.36	µg/m³	02/18/2009 3:38 AM
Chloromethane	< 1.00	ppbv	D	5	< 2.07	µg/m³	02/18/2009 10:26 PM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	02/18/2009 3:38 AM
Bromomethane	< 1.00	ppbv	D	5	< 3.88	µg/m³	02/18/2009 10:26 PM
Vinyl chloride	< 0.20	ppbv		1	< 0.51	µg/m³	02/18/2009 3:38 AM
Vinyl chloride	< 1.00	ppbv	D	5	< 2.56	µg/m³	02/18/2009 10:26 PM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	02/18/2009 3:38 AM
Chloroethane	< 1.00	ppbv	D	5	< 2.64	µg/m³	02/18/2009 10:26 PM
Methylene chloride	0.69	ppbv		1	2.40	µg/m³	02/18/2009 3:38 AM
Methylene chloride	1.30	ppbv	D	5	4.52	µg/m³	02/18/2009 10:26 PM
Acetone	90.3	ppbv	BE	1	215	µg/m³	02/18/2009 3:38 AM
Acetone	54.9	ppbv	D	5	130	µg/m³	02/18/2009 10:26 PM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	02/18/2009 3:38 AM
Carbon disulfide	< 1.00	ppbv	D	5	< 3.11	µg/m³	02/18/2009 10:26 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	02/18/2009 3:38 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.00	ppbv	D	5	< 7.66	µg/m³	02/18/2009 10:26 PM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 3:38 AM
1,1-Dichloroethene	< 1.00	ppbv	D	5	< 3.96	µg/m³	02/18/2009 10:26 PM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	02/18/2009 3:38 AM
1,1-Dichloroethane	< 1.00	ppbv	D	5	< 4.05	µg/m³	02/18/2009 10:26 PM
Trichlorofluoromethane	0.22	ppbv		1	1.24	µg/m³	02/18/2009 3:38 AM
Trichlorofluoromethane	< 1.00	ppbv	D	5	< 5.62	µg/m³	02/18/2009 10:26 PM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	02/18/2009 3:38 AM
Vinyl acetate	< 1.00	ppbv	D	5	< 3.52	µg/m³	02/18/2009 10:26 PM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	02/18/2009 3:38 AM
Methyl tert-butyl ether	< 1.00	ppbv	D	5	< 3.61	µg/m³	02/18/2009 10:26 PM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 3:38 AM
1,2-Dichloroethene (trans)	< 1.00	ppbv	D	5	< 3.96	µg/m³	02/18/2009 10:26 PM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 3:38 AM
1,2-Dichloroethene (cis)	< 1.00	ppbv	D	5	< 3.96	µg/m³	02/18/2009 10:26 PM
Methyl ethyl ketone	1.49	ppbv		1	4.39	µg/m³	02/18/2009 3:38 AM
Methyl ethyl ketone	< 1.00	ppbv	D	5	< 2.95	µg/m³	02/18/2009 10:26 PM
Chloroform	< 0.20	ppbv		1	< 0.98	µg/m³	02/18/2009 3:38 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S28

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-004A

Client Sample ID. :IA-03

Sample Information...
Type : Air

Origin:

Collected :2/10/2009 10:46:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chloroform	< 1.00	ppbv	D	5	< 4.88	µg/m³	02/18/2009 10:26 PM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 3:38 AM
1,2-Dichloroethane	< 1.00	ppbv	D	5	< 3.97	µg/m³	02/18/2009 10:26 PM
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 3:38 AM
1,1,1-Trichloroethane	< 1.00	ppbv	D	5	< 5.46	µg/m³	02/18/2009 10:26 PM
Carbon tetrachloride	< 0.20	ppbv		1	< 1.26	µg/m³	02/18/2009 3:38 AM
Carbon tetrachloride	< 1.00	ppbv	D	5	< 6.29	µg/m³	02/18/2009 10:26 PM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	02/18/2009 3:38 AM
Bromodichloromethane	< 1.00	ppbv	D	5	< 6.70	µg/m³	02/18/2009 10:26 PM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 3:38 AM
1,2-Dichloropropane	< 1.00	ppbv	D	5	< 4.62	µg/m³	02/18/2009 10:26 PM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 3:38 AM
1,3-Dichloropropene (cis)	< 1.00	ppbv	D	5	< 4.54	µg/m³	02/18/2009 10:26 PM
Trichloroethene	0.21	ppbv		1	1.13	µg/m³	02/18/2009 3:38 AM
Trichloroethene	< 0.23	ppbv	D	5	< 1.24	µg/m³	02/18/2009 10:26 PM
Benzene	2.65	ppbv		1	8.47	µg/m³	02/18/2009 3:38 AM
Benzene	1.60	ppbv	D	5	5.11	µg/m³	02/18/2009 10:26 PM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	02/18/2009 3:38 AM
Dibromochloromethane	< 1.00	ppbv	D	5	< 8.52	µg/m³	02/18/2009 10:26 PM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 3:38 AM
1,3-Dichloropropene (trans)	< 1.00	ppbv	D	5	< 4.54	µg/m³	02/18/2009 10:26 PM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 3:38 AM
1,1,2-Trichloroethane	< 1.00	ppbv	D	5	< 5.46	µg/m³	02/18/2009 10:26 PM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	02/18/2009 3:38 AM
Bromoform	< 1.00	ppbv	D	5	< 10.3	µg/m³	02/18/2009 10:26 PM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 3:38 AM
Methyl isobutyl ketone	< 1.00	ppbv	D	5	< 4.10	µg/m³	02/18/2009 10:26 PM
Methyl butyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 3:38 AM
Methyl butyl ketone	< 1.00	ppbv	D	5	< 4.10	µg/m³	02/18/2009 10:26 PM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	02/18/2009 3:38 AM
1,2-Dibromoethane	< 1.00	ppbv	D	5	< 7.69	µg/m³	02/18/2009 10:26 PM
Tetrachloroethene	0.24	ppbv		1	1.63	µg/m³	02/18/2009 3:38 AM
Tetrachloroethene	< 1.00	ppbv	D	5	< 6.78	µg/m³	02/18/2009 10:26 PM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	02/18/2009 3:38 AM
1,1,2,2-Tetrachloroethane	< 1.00	ppbv	D	5	< 6.87	µg/m³	02/18/2009 10:26 PM
Toluene	28.0	ppbv		1	106	µg/m³	02/18/2009 3:38 AM
Toluene	18.5	ppbv	D	5	69.7	µg/m³	02/18/2009 10:26 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S29

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-004A

Sample Information...
Type : Air

Origin:

Client Sample ID. :IA-03

Collected :2/10/2009 10:46:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 3:38 AM
Chlorobenzene	< 1.00	ppbv	D	5	< 4.61	µg/m³	02/18/2009 10:26 PM
Ethylbenzene	5.79	ppbv		1	25.1	µg/m³	02/18/2009 3:38 AM
Ethylbenzene	2.75	ppbv	D	5	11.9	µg/m³	02/18/2009 10:26 PM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	02/18/2009 3:38 AM
Styrene	< 1.00	ppbv	D	5	< 4.26	µg/m³	02/18/2009 10:26 PM
Xylenes (m&p)	26.5	ppbv		1	115	µg/m³	02/18/2009 3:38 AM
Xylenes (m&p)	15.0	ppbv	D	5	65.2	µg/m³	02/18/2009 10:26 PM
Xylenes (o)	9.23	ppbv		1	40.1	µg/m³	02/18/2009 3:38 AM
Xylenes (o)	5.05	ppbv	D	5	21.9	µg/m³	02/18/2009 10:26 PM
1,3,5-Trimethylbenzene	2.09	ppbv		1	10.3	µg/m³	02/18/2009 3:38 AM
1,3,5-Trimethylbenzene	1.25	ppbv	D	5	6.15	µg/m³	02/18/2009 10:26 PM
1,2,4-Trimethylbenzene	8.12	ppbv		1	39.9	µg/m³	02/18/2009 3:38 AM
1,2,4-Trimethylbenzene	5.00	ppbv	D	5	24.6	µg/m³	02/18/2009 10:26 PM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 3:38 AM
1,3-Dichlorobenzene	< 1.00	ppbv	D	5	< 6.01	µg/m³	02/18/2009 10:26 PM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 3:38 AM
1,4-Dichlorobenzene	< 1.00	ppbv	D	5	< 6.01	µg/m³	02/18/2009 10:26 PM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 3:38 AM
1,2-Dichlorobenzene	< 1.00	ppbv	D	5	< 6.01	µg/m³	02/18/2009 10:26 PM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	02/18/2009 3:38 AM
1,3-Hexachlorobutadiene	< 1.00	ppbv	D	5	< 10.7	µg/m³	02/18/2009 10:26 PM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	02/18/2009 3:38 AM
1,2,4-Trichlorobenzene	< 1.00	ppbv	D	5	< 7.42	µg/m³	02/18/2009 10:26 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S30

1F

EPA SAMPLE NO.

IA-03

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-004A

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5092.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 13 (µg/L or µg/Kg) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Alkane:Branched (3.99)	3.99	207	J
2.		unknown alkene	4.15	12.3	J
3.	000064-17-5	Ethanol-	4.74	751	JN
4.		c3 subst_benzene	18.89	16.0	J
5.		unknown (20.19)	20.19	36.0	J
6.		Alkane:Branched (20.39)	20.39	38.5	J
7.		Alkane:Branched(20.59)	20.59	20.0	J
8.		Alkane:Branched (20.66)	20.66	22.6	J
9.		Alkane:Branched (20.71)	20.71	17.4	J
10.		Alkane:Branched (20.91)	20.91	22.7	J
11.		Alkane:Cyclic (21.01)	21.01	12.7	J
12.		Alkane:Branched(21.07)	21.07	15.7	J
13.		unknown (21.17)	21.17	20.0	J
14.		unknown (21.31)	21.31	41.1	J
15.		DecahydroMethylNaphthalene(isomer)	21.45	16.5	J
16.		Alkane:Cyclic (21.59)	21.59	11.6	J
17.		Suspected Column Bleed	21.64	20.5	JX
18.		unknown (21.87)	21.87	17.5	J
19.		unknown (22.14)	22.14	12.0	J
20.		unknown (22.31)	22.31	14.8	J

ACT002 S31

1F

EPA SAMPLE NO.

IA-03DL

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-004ADL

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5113.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 10 (µg/L or µg/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	unknown (3.73)	3.73	14.0	JD
2.	Alkane:Branched (3.99)	3.99	174	JD
3.	Alkane:Branched (4.15)	4.15	11.5	JD
4. 000064-17-5	Ethanol-	4.65	371	JND
5.	c3 subst_benzene	18.89	11.0	JD
6.	Alkane:Branched (20.14)	20.14	10.0	JD
7.	unknown (20.18)	20.18	30.0	JD
8.	Alkane:Branched (20.39)	20.39	30.0	JD
9.	Alkane:Branched (20.58)	20.58	16.5	JD
10.	Alkane:Branched (20.66)	20.66	18.5	JD
11.	Alkane:Branched (20.7)	20.70	15.0	JD
12.	Alkane:Branched (20.9)	20.90	16.5	JD
13.	Alkane:Cyclic (21.01)	21.01	10.0	JD
14.	Alkane:Straight-Chain	21.06	11.5	JD
15.	unknown (21.17)	21.17	15.0	JD
16.	unknown (21.3)	21.30	26.5	JD
17.	DecahydroMethylNaphthalene(isomer)	21.45	10.5	JD
18.	unknown siloxane	21.64	20.0	JDX
19.	Alkane:Cyclic (21.87)	21.87	12.5	JD
20.	Alkane:Branched (22.31)	22.31	12.5	JD

ACT002 S32

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX (631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-005A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-01

Collected : 2/10/2009 8:55:00 AM
Received : 2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	< 2.00	ppbv		10	< 9.89	µg/m³	02/17/2009 5:09 PM
Dichlorodifluoromethane	< 4.00	ppbv	D	20	< 19.8	µg/m³	02/18/2009 6:28 PM
1,2-Dichlorotetrafluoroethane	< 2.00	ppbv		10	< 14.0	µg/m³	02/17/2009 5:09 PM
1,2-Dichlorotetrafluoroethane	< 4.00	ppbv	D	20	< 28.0	µg/m³	02/18/2009 6:28 PM
Chloromethane	< 2.00	ppbv		10	< 4.13	µg/m³	02/17/2009 5:09 PM
Chloromethane	< 4.00	ppbv	D	20	< 8.26	µg/m³	02/18/2009 6:28 PM
Bromomethane	< 2.00	ppbv		10	< 7.77	µg/m³	02/17/2009 5:09 PM
Bromomethane	< 4.00	ppbv	D	20	< 15.5	µg/m³	02/18/2009 6:28 PM
Vinyl chloride	< 2.00	ppbv		10	< 5.11	µg/m³	02/17/2009 5:09 PM
Vinyl chloride	< 4.00	ppbv	D	20	< 10.2	µg/m³	02/18/2009 6:28 PM
Chloroethane	< 2.00	ppbv		10	< 5.28	µg/m³	02/17/2009 5:09 PM
Chloroethane	< 4.00	ppbv	D	20	< 10.6	µg/m³	02/18/2009 6:28 PM
Methylene chloride	< 2.00	ppbv		10	< 6.95	µg/m³	02/17/2009 5:09 PM
Methylene chloride	< 4.00	ppbv	D	20	< 13.9	µg/m³	02/18/2009 6:28 PM
Acetone	8.60	ppbv	B	10	20.4	µg/m³	02/17/2009 5:09 PM
Acetone	10.0	ppbv	D	20	23.8	µg/m³	02/18/2009 6:28 PM
Carbon disulfide	< 2.00	ppbv		10	< 6.23	µg/m³	02/17/2009 5:09 PM
Carbon disulfide	< 4.00	ppbv	D	20	< 12.5	µg/m³	02/18/2009 6:28 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 2.00	ppbv		10	< 15.3	µg/m³	02/17/2009 5:09 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 4.00	ppbv	D	20	< 30.7	µg/m³	02/18/2009 6:28 PM
1,1-Dichloroethene	< 2.00	ppbv		10	< 7.93	µg/m³	02/17/2009 5:09 PM
1,1-Dichloroethene	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 6:28 PM
1,1-Dichloroethane	< 2.00	ppbv		10	< 8.09	µg/m³	02/17/2009 5:09 PM
1,1-Dichloroethane	< 4.00	ppbv	D	20	< 16.2	µg/m³	02/18/2009 6:28 PM
Trichlorofluoromethane	< 2.00	ppbv		10	< 11.2	µg/m³	02/17/2009 5:09 PM
Trichlorofluoromethane	< 4.00	ppbv	D	20	< 22.5	µg/m³	02/18/2009 6:28 PM
Vinyl acetate	< 2.00	ppbv		10	< 7.04	µg/m³	02/17/2009 5:09 PM
Vinyl acetate	< 4.00	ppbv	D	20	< 14.1	µg/m³	02/18/2009 6:28 PM
Methyl tert-butyl ether	< 2.00	ppbv		10	< 7.21	µg/m³	02/17/2009 5:09 PM
Methyl tert-butyl ether	< 4.00	ppbv	D	20	< 14.4	µg/m³	02/18/2009 6:28 PM
1,2-Dichloroethene (trans)	< 2.00	ppbv		10	< 7.93	µg/m³	02/17/2009 5:09 PM
1,2-Dichloroethene (trans)	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 6:28 PM
1,2-Dichloroethene (cis)	< 2.00	ppbv		10	< 7.93	µg/m³	02/17/2009 5:09 PM
1,2-Dichloroethene (cis)	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 6:28 PM
Methyl ethyl ketone	< 2.00	ppbv		10	< 5.90	µg/m³	02/17/2009 5:09 PM
Methyl ethyl ketone	< 4.00	ppbv	D	20	< 11.8	µg/m³	02/18/2009 6:28 PM
Chloroform	< 2.00	ppbv		10	< 9.77	µg/m³	02/17/2009 5:09 PM

AT 3/4/09

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S33

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-005A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-01

Collected : 2/10/2009 8:55:00 AM
Received : 2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chloroform	< 4.00	ppbv	D	20	< 19.5	µg/m³	02/18/2009 6:28 PM
1,2-Dichloroethane	< 2.00	ppbv		10	< 7.93	µg/m³	02/17/2009 5:09 PM
1,2-Dichloroethane	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 6:28 PM
1,1,1-Trichloroethane	< 2.00	ppbv		10	< 10.9	µg/m³	02/17/2009 5:09 PM
1,1,1-Trichloroethane	< 4.00	ppbv	D	20	< 21.8	µg/m³	02/18/2009 6:28 PM
Carbon tetrachloride	< 2.00	ppbv		10	< 12.6	µg/m³	02/17/2009 5:09 PM
Carbon tetrachloride	< 4.00	ppbv	D	20	< 25.2	µg/m³	02/18/2009 6:28 PM
Bromodichloromethane	< 2.00	ppbv		10	< 13.4	µg/m³	02/17/2009 5:09 PM
Bromodichloromethane	< 4.00	ppbv	D	20	< 26.8	µg/m³	02/18/2009 6:28 PM
1,2-Dichloropropane	< 2.00	ppbv		10	< 9.24	µg/m³	02/17/2009 5:09 PM
1,2-Dichloropropane	< 4.00	ppbv	D	20	< 18.5	µg/m³	02/18/2009 6:28 PM
1,3-Dichloropropene (cis)	< 2.00	ppbv		10	< 9.08	µg/m³	02/17/2009 5:09 PM
1,3-Dichloropropene (cis)	< 4.00	ppbv	D	20	< 18.2	µg/m³	02/18/2009 6:28 PM
Trichloroethene	< 0.46	ppbv		10	< 2.47	µg/m³	02/17/2009 5:09 PM
Trichloroethene	< 0.92	ppbv	D	20	< 4.94	µg/m³	02/18/2009 6:28 PM
Benzene	< 2.00	ppbv		10	< 6.39	µg/m³	02/17/2009 5:09 PM
Benzene	< 4.00	ppbv	D	20	< 12.8	µg/m³	02/18/2009 6:28 PM
Dibromochloromethane	< 2.00	ppbv		10	< 17.0	µg/m³	02/17/2009 5:09 PM
Dibromochloromethane	< 4.00	ppbv	D	20	< 34.1	µg/m³	02/18/2009 6:28 PM
1,3-Dichloropropene (trans)	< 2.00	ppbv		10	< 9.08	µg/m³	02/17/2009 5:09 PM
1,3-Dichloropropene (trans)	< 4.00	ppbv	D	20	< 18.2	µg/m³	02/18/2009 6:28 PM
1,1,2-Trichloroethane	< 2.00	ppbv		10	< 10.9	µg/m³	02/17/2009 5:09 PM
1,1,2-Trichloroethane	< 4.00	ppbv	D	20	< 21.8	µg/m³	02/18/2009 6:28 PM
Bromoform	< 2.00	ppbv		10	< 20.7	µg/m³	02/17/2009 5:09 PM
Bromoform	< 4.00	ppbv	D	20	< 41.4	µg/m³	02/18/2009 6:28 PM
Methyl isobutyl ketone	< 2.00	ppbv		10	< 8.20	µg/m³	02/17/2009 5:09 PM
Methyl isobutyl ketone	< 4.00	ppbv	D	20	< 16.4	µg/m³	02/18/2009 6:28 PM
Methyl butyl ketone	< 2.00	ppbv		10	< 8.19	µg/m³	02/17/2009 5:09 PM
Methyl butyl ketone	< 4.00	ppbv	D	20	< 16.4	µg/m³	02/18/2009 6:28 PM
1,2-Dibromoethane	< 2.00	ppbv		10	< 15.4	µg/m³	02/17/2009 5:09 PM
1,2-Dibromoethane	< 4.00	ppbv	D	20	< 30.7	µg/m³	02/18/2009 6:28 PM
Tetrachloroethene	662	ppbv	E	10	4490	µg/m³	02/17/2009 5:09 PM
Tetrachloroethene	691	ppbv	D	20	4690	µg/m³	02/18/2009 6:28 PM
1,1,2,2-Tetrachloroethane	< 2.00	ppbv		10	< 13.7	µg/m³	02/17/2009 5:09 PM
1,1,2,2-Tetrachloroethane	< 4.00	ppbv	D	20	< 27.5	µg/m³	02/18/2009 6:28 PM
Toluene	3.10	ppbv		10	11.7	µg/m³	02/17/2009 5:09 PM
Toluene	< 4.00	ppbv	D	20	< 15.1	µg/m³	02/18/2009 6:28 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S34

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. : 0902331-005A

Client Sample ID. : VP-01

Sample Information...
Type : Air

Origin:

Collected : 2/10/2009 8:55:00 AM
Received : 2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 2.00	ppbv		10	< 9.21	µg/m³	02/17/2009 5:09 PM
Chlorobenzene	< 4.00	ppbv	D	20	< 18.4	µg/m³	02/18/2009 6:28 PM
Ethylbenzene	< 2.00	ppbv		10	< 8.69	µg/m³	02/17/2009 5:09 PM
Ethylbenzene	< 4.00	ppbv	D	20	< 17.4	µg/m³	02/18/2009 6:28 PM
Styrene	< 2.00	ppbv		10	< 8.52	µg/m³	02/17/2009 5:09 PM
Styrene	< 4.00	ppbv	D	20	< 17.0	µg/m³	02/18/2009 6:28 PM
Xylenes (m&p)	3.10	ppbv		10	13.5	µg/m³	02/17/2009 5:09 PM
Xylenes (m&p)	< 4.00	ppbv	D	20	< 17.4	µg/m³	02/18/2009 6:28 PM
Xylenes (o)	< 2.00	ppbv		10	< 8.69	µg/m³	02/17/2009 5:09 PM
Xylenes (o)	< 4.00	ppbv	D	20	< 17.4	µg/m³	02/18/2009 6:28 PM
1,3,5-Trimethylbenzene	< 2.00	ppbv		10	< 9.83	µg/m³	02/17/2009 5:09 PM
1,3,5-Trimethylbenzene	< 4.00	ppbv	D	20	< 19.7	µg/m³	02/18/2009 6:28 PM
1,2,4-Trimethylbenzene	< 2.00	ppbv		10	< 9.83	µg/m³	02/17/2009 5:09 PM
1,2,4-Trimethylbenzene	< 4.00	ppbv	D	20	< 19.7	µg/m³	02/18/2009 6:28 PM
1,3-Dichlorobenzene	< 2.00	ppbv		10	< 12.0	µg/m³	02/17/2009 5:09 PM
1,3-Dichlorobenzene	< 4.00	ppbv	D	20	< 24.0	µg/m³	02/18/2009 6:28 PM
1,4-Dichlorobenzene	< 2.00	ppbv		10	< 12.0	µg/m³	02/17/2009 5:09 PM
1,4-Dichlorobenzene	< 4.00	ppbv	D	20	< 24.0	µg/m³	02/18/2009 6:28 PM
1,2-Dichlorobenzene	< 2.00	ppbv		10	< 12.0	µg/m³	02/17/2009 5:09 PM
1,2-Dichlorobenzene	< 4.00	ppbv	D	20	< 24.0	µg/m³	02/18/2009 6:28 PM
1,3-Hexachlorobutadiene	< 2.00	ppbv		10	< 21.3	µg/m³	02/17/2009 5:09 PM
1,3-Hexachlorobutadiene	< 4.00	ppbv	D	20	< 42.7	µg/m³	02/18/2009 6:28 PM
1,2,4-Trichlorobenzene	< 2.00	ppbv		10	< 14.8	µg/m³	02/17/2009 5:09 PM
1,2,4-Trichlorobenzene	< 4.00	ppbv	D	20	< 29.7	µg/m³	02/18/2009 6:28 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Date Reported :

Joann M. Slavin

Laboratory Manager

ACT002 S35

1F

EPA SAMPLE NO.

VP-01

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-005A

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5080.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/17/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 10.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 2 (µg/L or µg/Kg) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown (20.18)	20.18	11.0	J
2.		Alkane:Branched	20.39	12.0	J
3.		unknown (21.3)	21.30	12.0	J

ACT002 S36

1F

EPA SAMPLE NO.

VP-01DL

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-005ADL

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5108.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 20.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

ACT002 S37

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-006A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-02

Collected : 2/10/2009 8:52:00 AM
Received : 2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	0.55	ppbv		1	2.72	µg/m³	02/18/2009 4:25 AM
Dichlorodifluoromethane	< 1.00	ppbv	D	5	< 4.94	µg/m³	02/18/2009 11:12 PM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	02/18/2009 4:25 AM
1,2-Dichlorotetrafluoroethane	< 1.00	ppbv	D	5	< 6.99	µg/m³	02/18/2009 11:12 PM
Chloromethane	< 0.20	ppbv		1	< 0.41	µg/m³	02/18/2009 4:25 AM
Chloromethane	< 1.00	ppbv	D	5	< 2.07	µg/m³	02/18/2009 11:12 PM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	02/18/2009 4:25 AM
Bromomethane	< 1.00	ppbv	D	5	< 3.88	µg/m³	02/18/2009 11:12 PM
Vinyl chloride	< 0.20	ppbv		1	< 0.51	µg/m³	02/18/2009 4:25 AM
Vinyl chloride	< 1.00	ppbv	D	5	< 2.56	µg/m³	02/18/2009 11:12 PM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	02/18/2009 4:25 AM
Chloroethane	< 1.00	ppbv	D	5	< 2.64	µg/m³	02/18/2009 11:12 PM
Methylene chloride	0.62	ppbv		1	2.15	µg/m³	02/18/2009 4:25 AM
Methylene chloride	1.45	ppbv	D	5	5.04	µg/m³	02/18/2009 11:12 PM
Acetone	25.5	ppbv	B	1	60.6	µg/m³	02/18/2009 4:25 AM
Acetone	20.8	ppbv	D	5	49.4	µg/m³	02/18/2009 11:12 PM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	02/18/2009 4:25 AM
Carbon disulfide	< 1.00	ppbv	D	5	< 3.11	µg/m³	02/18/2009 11:12 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	02/18/2009 4:25 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.00	ppbv	D	5	< 7.66	µg/m³	02/18/2009 11:12 PM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 4:25 AM
1,1-Dichloroethene	< 1.00	ppbv	D	5	< 3.96	µg/m³	02/18/2009 11:12 PM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	02/18/2009 4:25 AM
1,1-Dichloroethane	< 1.00	ppbv	D	5	< 4.05	µg/m³	02/18/2009 11:12 PM
Trichlorofluoromethane	0.25	ppbv		1	1.40	µg/m³	02/18/2009 4:25 AM
Trichlorofluoromethane	< 1.00	ppbv	D	5	< 5.62	µg/m³	02/18/2009 11:12 PM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	02/18/2009 4:25 AM
Vinyl acetate	< 1.00	ppbv	D	5	< 3.52	µg/m³	02/18/2009 11:12 PM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	02/18/2009 4:25 AM
Methyl tert-butyl ether	< 1.00	ppbv	D	5	< 3.61	µg/m³	02/18/2009 11:12 PM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 4:25 AM
1,2-Dichloroethene (trans)	< 1.00	ppbv	D	5	< 3.96	µg/m³	02/18/2009 11:12 PM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 4:25 AM
1,2-Dichloroethene (cis)	< 1.00	ppbv	D	5	< 3.96	µg/m³	02/18/2009 11:12 PM
Methyl ethyl ketone	0.85	ppbv		1	2.51	µg/m³	02/18/2009 4:25 AM
Methyl ethyl ketone	< 1.00	ppbv	D	5	< 2.95	µg/m³	02/18/2009 11:12 PM
Chloroform	< 0.20	ppbv		1	< 0.98	µg/m³	02/18/2009 4:25 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S38

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-006A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-02

Collected :2/10/2009 8:52:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chloroform	< 1.00	ppbv	D	5	< 4.88	µg/m³	02/18/2009 11:12 PM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 4:25 AM
1,2-Dichloroethane	< 1.00	ppbv	D	5	< 3.97	µg/m³	02/18/2009 11:12 PM
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 4:25 AM
1,1,1-Trichloroethane	< 1.00	ppbv	D	5	< 5.46	µg/m³	02/18/2009 11:12 PM
Carbon tetrachloride	< 0.20	ppbv		1	< 1.26	µg/m³	02/18/2009 4:25 AM
Carbon tetrachloride	< 1.00	ppbv	D	5	< 6.29	µg/m³	02/18/2009 11:12 PM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	02/18/2009 4:25 AM
Bromodichloromethane	< 1.00	ppbv	D	5	< 6.70	µg/m³	02/18/2009 11:12 PM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 4:25 AM
1,2-Dichloropropane	< 1.00	ppbv	D	5	< 4.62	µg/m³	02/18/2009 11:12 PM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 4:25 AM
1,3-Dichloropropene (cis)	< 1.00	ppbv	D	5	< 4.54	µg/m³	02/18/2009 11:12 PM
Trichloroethene	0.18	ppbv		1	0.97	µg/m³	02/18/2009 4:25 AM
Trichloroethene	< 0.23	ppbv	D	5	< 1.24	µg/m³	02/18/2009 11:12 PM
Benzene	1.30	ppbv		1	4.15	µg/m³	02/18/2009 4:25 AM
Benzene	< 1.00	ppbv	D	5	< 3.19	µg/m³	02/18/2009 11:12 PM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	02/18/2009 4:25 AM
Dibromochloromethane	< 1.00	ppbv	D	5	< 8.52	µg/m³	02/18/2009 11:12 PM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 4:25 AM
1,3-Dichloropropene (trans)	< 1.00	ppbv	D	5	< 4.54	µg/m³	02/18/2009 11:12 PM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 4:25 AM
1,1,2-Trichloroethane	< 1.00	ppbv	D	5	< 5.46	µg/m³	02/18/2009 11:12 PM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	02/18/2009 4:25 AM
Bromoform	< 1.00	ppbv	D	5	< 10.3	µg/m³	02/18/2009 11:12 PM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 4:25 AM
Methyl isobutyl ketone	< 1.00	ppbv	D	5	< 4.10	µg/m³	02/18/2009 11:12 PM
Methyl butyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 4:25 AM
Methyl butyl ketone	< 1.00	ppbv	D	5	< 4.10	µg/m³	02/18/2009 11:12 PM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	02/18/2009 4:25 AM
1,2-Dibromoethane	< 1.00	ppbv	D	5	< 7.69	µg/m³	02/18/2009 11:12 PM
Tetrachloroethene	145	ppbv	E	1	983	µg/m³	02/18/2009 4:25 AM
Tetrachloroethene	99.8	ppbv	D	5	677	µg/m³	02/18/2009 11:12 PM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	02/18/2009 4:25 AM
1,1,2,2-Tetrachloroethane	< 1.00	ppbv	D	5	< 6.87	µg/m³	02/18/2009 11:12 PM
Toluene	13.8	ppbv		1	52.0	µg/m³	02/18/2009 4:25 AM
Toluene	10.2	ppbv	D	5	38.4	µg/m³	02/18/2009 11:12 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S39

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 FAX:(631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-006A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-02

Collected :2/10/2009 8:52:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 4:25 AM
Chlorobenzene	< 1.00	ppbv	D	5	< 4.61	µg/m³	02/18/2009 11:12 PM
Ethylbenzene	2.24	ppbv		1	9.73	µg/m³	02/18/2009 4:25 AM
Ethylbenzene	1.30	ppbv	D	5	5.65	µg/m³	02/18/2009 11:12 PM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	02/18/2009 4:25 AM
Styrene	< 1.00	ppbv	D	5	< 4.26	µg/m³	02/18/2009 11:12 PM
Xylenes (m&p)	8.48	ppbv		1	36.8	µg/m³	02/18/2009 4:25 AM
Xylenes (m&p)	5.50	ppbv	D	5	23.9	µg/m³	02/18/2009 11:12 PM
Xylenes (o)	2.82	ppbv		1	12.2	µg/m³	02/18/2009 4:25 AM
Xylenes (o)	1.70	ppbv	D	5	7.38	µg/m³	02/18/2009 11:12 PM
1,3,5-Trimethylbenzene	0.42	ppbv		1	2.06	µg/m³	02/18/2009 4:25 AM
1,3,5-Trimethylbenzene	< 1.00	ppbv	D	5	< 4.92	µg/m³	02/18/2009 11:12 PM
1,2,4-Trimethylbenzene	1.61	ppbv		1	7.92	µg/m³	02/18/2009 4:25 AM
1,2,4-Trimethylbenzene	1.15	ppbv	D	5	5.65	µg/m³	02/18/2009 11:12 PM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 4:25 AM
1,3-Dichlorobenzene	< 1.00	ppbv	D	5	< 6.01	µg/m³	02/18/2009 11:12 PM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 4:25 AM
1,4-Dichlorobenzene	< 1.00	ppbv	D	5	< 6.01	µg/m³	02/18/2009 11:12 PM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 4:25 AM
1,2-Dichlorobenzene	< 1.00	ppbv	D	5	< 6.01	µg/m³	02/18/2009 11:12 PM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	02/18/2009 4:25 AM
1,3-Hexachlorobutadiene	< 1.00	ppbv	D	5	< 10.7	µg/m³	02/18/2009 11:12 PM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	02/18/2009 4:25 AM
1,2,4-Trichlorobenzene	< 1.00	ppbv	D	5	< 7.42	µg/m³	02/18/2009 11:12 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S40

1F

EPA SAMPLE NO.

VP-02

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-006A

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5093.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: ~~12~~ 11 (µg/L or µg/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	Alkane:Branched (20.14)	20.14	9.40	J
2.	Alkane:Branched (20.18)	20.18	10.1	J
3.	Alkane:Branched (20.28)	20.28	4.40	J
4.	Alkane:Cyclic (20.32)	20.32	5.10	J
5.	Alkane:Branched (20.39)	20.39	19.9	J
6.	unknown (20.44)	20.44	5.30	J
7.	Alkane:Branched (20.59)	20.59	14.0	J
8.	Alkane:Branched (20.66)	20.66	14.0	J
9.	Alkane:Branched (20.7)	20.70	11.8	J
10.	DecahydroNaphthalene(isomer)	20.75	5.60	J
11.	unknown (20.9)	20.90	12.6	J
12.	~~unknown~~ (21.01) Alkane: Cyclic	21.01	6.50	J
13.	Alkane:Branched (21.06)	21.06	4.70	J
14.	Alkane:Cyclic(21.17)	21.17	9.60	J
15.	unknown (21.3)	21.30	18.7	J
16.	DecahydroMethylNaphthalene(isomer)--	21.45	8.20	J
17.	Alkane:Cyclic (21.59)	21.59	4.70	J
18.	DecahydroMethylNaphthalene(isomer)-	21.66	5.20	J
19.	unknown aromatic (21.89)	21.89	6.50	J
20.	Alkane:Branched (22.31)	22.31	5.60	J

3/5/09

ACT002 S41

1F

EPA SAMPLE NO.

VP-02DL

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-006ADL

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5114.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 43 (µg/L or µg/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	Alkane:Branched (20.18)	20.18	9.00	JD
2.	Alkane:Branched (20.39)	20.39	17.0	JD
3.	Alkane:Branched	20.58	9.50	JD
4.	Alkane:Branched (20.66)	20.66	11.0	JD
5.	Alkane:Branched (20.7)	20.70	9.50	JD
6.	Unknown (20.9)	20.90	10.5	JD
7.	~~Unknown(21.01)~~ Alkane: Cyclic	21.01	5.50	JD
8.	Alkane:Cyclic(21.17)	21.17	8.00	JD
9.	Alkane:Branched (21.3)	21.30	13.5	JD
10.	DecahydroMethylNaphthalene(isomer)	21.45	5.50	JD

3/5/09

ACT002 S42

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040, FAX:(631)420-8436 NYSDOH ID#10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-007A

Sample Information...
Type : Air

Origin:

Client Sample ID. :VP-03

Collected :2/10/2009 8:42:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	0.55	ppbv		1	2.72	µg/m³	02/18/2009 5:12 AM
Dichlorodifluoromethane	< 120	ppbv	D	600	< 593	µg/m³	02/18/2009 8:53 PM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	02/18/2009 5:12 AM
1,2-Dichlorotetrafluoroethane	< 120	ppbv	D	600	< 839	µg/m³	02/18/2009 8:53 PM
Chloromethane	< 0.20	ppbv		1	< 0.41	µg/m³	02/18/2009 5:12 AM
Chloromethane	< 120	ppbv	D	600	< 248	µg/m³	02/18/2009 8:53 PM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	02/18/2009 5:12 AM
Bromomethane	< 120	ppbv	D	600	< 466	µg/m³	02/18/2009 8:53 PM
Vinyl chloride	< 0.20	ppbv		1	< 0.51	µg/m³	02/18/2009 5:12 AM
Vinyl chloride	< 120	ppbv	D	600	< 307	µg/m³	02/18/2009 8:53 PM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	02/18/2009 5:12 AM
Chloroethane	< 120	ppbv	D	600	< 317	µg/m³	02/18/2009 8:53 PM
Methylene chloride	0.40	ppbv		1	1.39	µg/m³	02/18/2009 5:12 AM
Methylene chloride	< 120	ppbv	D	600	< 417	µg/m³	02/18/2009 8:53 PM
Acetone	8.93	ppbv	B	1	21.2	µg/m³	02/18/2009 5:12 AM
Acetone	< 120	ppbv	D	600	< 285	µg/m³	02/18/2009 8:53 PM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	02/18/2009 5:12 AM
Carbon disulfide	< 120	ppbv	D	600	< 374	µg/m³	02/18/2009 8:53 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	02/18/2009 5:12 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 120	ppbv	D	600	< 920	µg/m³	02/18/2009 8:53 PM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 5:12 AM
1,1-Dichloroethene	< 120	ppbv	D	600	< 476	µg/m³	02/18/2009 8:53 PM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	02/18/2009 5:12 AM
1,1-Dichloroethane	< 120	ppbv	D	600	< 486	µg/m³	02/18/2009 8:53 PM
Trichlorofluoromethane	0.23	ppbv		1	1.29	µg/m³	02/18/2009 5:12 AM
Trichlorofluoromethane	< 120	ppbv	D	600	< 674	µg/m³	02/18/2009 8:53 PM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	02/18/2009 5:12 AM
Vinyl acetate	< 120	ppbv	D	600	< 423	µg/m³	02/18/2009 8:53 PM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	02/18/2009 5:12 AM
Methyl tert-butyl ether	< 120	ppbv	D	600	< 433	µg/m³	02/18/2009 8:53 PM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 5:12 AM
1,2-Dichloroethene (trans)	< 120	ppbv	D	600	< 476	µg/m³	02/18/2009 8:53 PM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 5:12 AM
1,2-Dichloroethene (cis)	< 120	ppbv	D	600	< 476	µg/m³	02/18/2009 8:53 PM
Methyl ethyl ketone	0.32	ppbv		1	0.94	µg/m³	02/18/2009 5:12 AM
Methyl ethyl ketone	< 120	ppbv	D	600	< 354	µg/m³	02/18/2009 8:53 PM
Chloroform	1.07	ppbv		1	5.23	µg/m³	02/18/2009 5:12 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Laboratory Manager

Date Reported :

ACT002 S43

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-007A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-03

Collected :2/10/2009 8:42:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chloroform	< 120	ppbv	D	600	< 586	µg/m³	02/18/2009 8:53 PM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 5:12 AM
1,2-Dichloroethane	< 120	ppbv	D	600	< 476	µg/m³	02/18/2009 8:53 PM
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 5:12 AM
1,1,1-Trichloroethane	< 120	ppbv	D	600	< 655	µg/m³	02/18/2009 8:53 PM
Carbon tetrachloride	< 0.20	ppbv		1	< 1.26	µg/m³	02/18/2009 5:12 AM
Carbon tetrachloride	< 120	ppbv	D	600	< 755	µg/m³	02/18/2009 8:53 PM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	02/18/2009 5:12 AM
Bromodichloromethane	< 120	ppbv	D	600	< 804	µg/m³	02/18/2009 8:53 PM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 5:12 AM
1,2-Dichloropropane	< 120	ppbv	D	600	< 555	µg/m³	02/18/2009 8:53 PM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 5:12 AM
1,3-Dichloropropene (cis)	< 120	ppbv	D	600	< 545	µg/m³	02/18/2009 8:53 PM
Trichloroethene	2.32	ppbv		1	12.5	µg/m³	02/18/2009 5:12 AM
Trichloroethene	< 27.6	ppbv	D	600	< 148	µg/m³	02/18/2009 8:53 PM
Benzene	0.64	ppbv		1	2.04	µg/m³	02/18/2009 5:12 AM
Benzene	< 120	ppbv	D	600	< 383	µg/m³	02/18/2009 8:53 PM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	02/18/2009 5:12 AM
Dibromochloromethane	< 120	ppbv	D	600	< 1020	µg/m³	02/18/2009 8:53 PM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 5:12 AM
1,3-Dichloropropene (trans)	< 120	ppbv	D	600	< 545	µg/m³	02/18/2009 8:53 PM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 5:12 AM
1,1,2-Trichloroethane	< 120	ppbv	D	600	< 655	µg/m³	02/18/2009 8:53 PM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	02/18/2009 5:12 AM
Bromoform	< 120	ppbv	D	600	< 1240	µg/m³	02/18/2009 8:53 PM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 5:12 AM
Methyl isobutyl ketone	< 120	ppbv	D	600	< 492	µg/m³	02/18/2009 8:53 PM
Methyl butyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 5:12 AM
Methyl butyl ketone	< 120	ppbv	D	600	< 492	µg/m³	02/18/2009 8:53 PM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	02/18/2009 5:12 AM
1,2-Dibromoethane	< 120	ppbv	D	600	< 922	µg/m³	02/18/2009 8:53 PM
Tetrachloroethene	1250	ppbv	E	1	8480	µg/m³	02/18/2009 5:12 AM
Tetrachloroethene	2020	ppbv	D	600	13700	µg/m³	02/18/2009 8:53 PM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	02/18/2009 5:12 AM
1,1,2,2-Tetrachloroethane	< 120	ppbv	D	600	< 824	µg/m³	02/18/2009 8:53 PM
Toluene	9.23	ppbv		1	34.8	µg/m³	02/18/2009 5:12 AM
Toluene	< 120	ppbv	D	600	< 452	µg/m³	02/18/2009 8:53 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S44

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-007A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-03

Collected :2/10/2009 8:42:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 5:12 AM
Chlorobenzene	< 120	ppbv	D	600	< 553	µg/m³	02/18/2009 8:53 PM
Ethylbenzene	1.70	ppbv		1	7.38	µg/m³	02/18/2009 5:12 AM
Ethylbenzene	< 120	ppbv	D	600	< 521	µg/m³	02/18/2009 8:53 PM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	02/18/2009 5:12 AM
Styrene	< 120	ppbv	D	600	< 511	µg/m³	02/18/2009 8:53 PM
Xylenes (m&p)	7.86	ppbv		1	34.1	µg/m³	02/18/2009 5:12 AM
Xylenes (m&p)	< 120	ppbv	D	600	< 521	µg/m³	02/18/2009 8:53 PM
Xylenes (o)	2.65	ppbv		1	11.5	µg/m³	02/18/2009 5:12 AM
Xylenes (o)	< 120	ppbv	D	600	< 521	µg/m³	02/18/2009 8:53 PM
1,3,5-Trimethylbenzene	0.50	ppbv		1	2.46	µg/m³	02/18/2009 5:12 AM
1,3,5-Trimethylbenzene	< 120	ppbv	D	600	< 590	µg/m³	02/18/2009 8:53 PM
1,2,4-Trimethylbenzene	1.99	ppbv		1	9.78	µg/m³	02/18/2009 5:12 AM
1,2,4-Trimethylbenzene	< 120	ppbv	D	600	< 590	µg/m³	02/18/2009 8:53 PM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 5:12 AM
1,3-Dichlorobenzene	< 120	ppbv	D	600	< 721	µg/m³	02/18/2009 8:53 PM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 5:12 AM
1,4-Dichlorobenzene	< 120	ppbv	D	600	< 721	µg/m³	02/18/2009 8:53 PM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 5:12 AM
1,2-Dichlorobenzene	< 120	ppbv	D	600	< 721	µg/m³	02/18/2009 8:53 PM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	02/18/2009 5:12 AM
1,3-Hexachlorobutadiene	< 120	ppbv	D	600	< 1280	µg/m³	02/18/2009 8:53 PM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	02/18/2009 5:12 AM
1,2,4-Trichlorobenzene	< 120	ppbv	D	600	< 891	µg/m³	02/18/2009 8:53 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S45

1F

EPA SAMPLE NO.

VP-03

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-007A

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5094.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 8 (µg/L or µg/Kg) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Alkane:Branched (3.99)	3.99	3.60	J
2.		Alkane:Branched (20.14)	20.14	4.60	J
3.		unknown (20.18)	20.18	8.20	J
4.		Alkane:Branched (20.39)	20.39	11.4	J
5.		Alkane:Branched (20.59)	20.59	8.70	J
6.		Alkane:Branched (20.66)	20.66	8.70	J
7.		Alkane:Branched (20.7)	20.70	7.40	J
8.		DecahydroNaphthalene(isomer)	20.75	3.40	J
9.		Alkane:Branched (20.9)	20.90	7.40	J
10.		Alkane:Cyclic (21.01)	21.01	4.50	J
11.		Alkane:Branched (21.06)	21.06	3.70	J
12.		Alkane:Cyclic (21.17)	21.17	7.00	J
13.		unknown (21.3)	21.30	13.9	J
14.		Alkane:Branched (21.41)	21.41	3.30	J
15.		unknown (21.45)	21.45	6.50	J
16.		Alkane:Cyclic (21.59)	21.59	4.00	J
17.		DecahydroMethylNaphthalene(isomer)	21.66	4.80	J
18.		unknown	21.87	5.50	J
19.		Alkane:Branched (22.31)	22.31	4.80	J

ACT002 S46

1F

EPA SAMPLE NO.

VP-03DL

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-007ADL

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5111.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 600.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

ACT002 S47

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX:(631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-008A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-04

Collected :2/10/2009 8:28:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	0.61	ppbv		1	3.02	µg/m³	02/18/2009 5:59 AM
Dichlorodifluoromethane	< 4.00	ppbv	D	20	< 19.8	µg/m³	02/18/2009 11:59 PM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	02/18/2009 5:59 AM
1,2-Dichlorotetrafluoroethane	< 4.00	ppbv	D	20	< 28.0	µg/m³	02/18/2009 11:59 PM
Chloromethane	< 0.20	ppbv		1	< 0.41	µg/m³	02/18/2009 5:59 AM
Chloromethane	< 4.00	ppbv	D	20	< 8.26	µg/m³	02/18/2009 11:59 PM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	02/18/2009 5:59 AM
Bromomethane	< 4.00	ppbv	D	20	< 15.5	µg/m³	02/18/2009 11:59 PM
Vinyl chloride	< 0.20	ppbv		1	< 0.51	µg/m³	02/18/2009 5:59 AM
Vinyl chloride	< 4.00	ppbv	D	20	< 10.2	µg/m³	02/18/2009 11:59 PM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	02/18/2009 5:59 AM
Chloroethane	< 4.00	ppbv	D	20	< 10.6	µg/m³	02/18/2009 11:59 PM
Methylene chloride	0.41	ppbv		1	1.42	µg/m³	02/18/2009 5:59 AM
Methylene chloride	< 4.00	ppbv	D	20	< 13.9	µg/m³	02/18/2009 11:59 PM
Acetone	9.46	ppbv	B	1	22.5	µg/m³	02/18/2009 5:59 AM
Acetone	10.4	ppbv	D	20	24.7	µg/m³	02/18/2009 11:59 PM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	02/18/2009 5:59 AM
Carbon disulfide	< 4.00	ppbv	D	20	< 12.5	µg/m³	02/18/2009 11:59 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	02/18/2009 5:59 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 4.00	ppbv	D	20	< 30.7	µg/m³	02/18/2009 11:59 PM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 5:59 AM
1,1-Dichloroethene	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 11:59 PM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	02/18/2009 5:59 AM
1,1-Dichloroethane	< 4.00	ppbv	D	20	< 16.2	µg/m³	02/18/2009 11:59 PM
Trichlorofluoromethane	0.25	ppbv		1	1.40	µg/m³	02/18/2009 5:59 AM
Trichlorofluoromethane	< 4.00	ppbv	D	20	< 22.5	µg/m³	02/18/2009 11:59 PM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	02/18/2009 5:59 AM
Vinyl acetate	< 4.00	ppbv	D	20	< 14.1	µg/m³	02/18/2009 11:59 PM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	02/18/2009 5:59 AM
Methyl tert-butyl ether	< 4.00	ppbv	D	20	< 14.4	µg/m³	02/18/2009 11:59 PM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 5:59 AM
1,2-Dichloroethene (trans)	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 11:59 PM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 5:59 AM
1,2-Dichloroethene (cis)	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 11:59 PM
Methyl ethyl ketone	0.71	ppbv		1	2.09	µg/m³	02/18/2009 5:59 AM
Methyl ethyl ketone	< 4.00	ppbv	D	20	< 11.8	µg/m³	02/18/2009 11:59 PM
Chloroform	0.38	ppbv		1	1.86	µg/m³	02/18/2009 5:59 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S48

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-008A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-04

Collected :2/10/2009 8:28:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chloroform	< 4.00	ppbv	D	20	< 19.5	µg/m³	02/18/2009 11:59 PM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 5:59 AM
1,2-Dichloroethane	< 4.00	ppbv	D	20	< 15.9	µg/m³	02/18/2009 11:59 PM
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 5:59 AM
1,1,1-Trichloroethane	< 4.00	ppbv	D	20	< 21.8	µg/m³	02/18/2009 11:59 PM
Carbon tetrachloride	< 0.20	ppbv		1	< 1.26	µg/m³	02/18/2009 5:59 AM
Carbon tetrachloride	< 4.00	ppbv	D	20	< 25.2	µg/m³	02/18/2009 11:59 PM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	02/18/2009 5:59 AM
Bromodichloromethane	< 4.00	ppbv	D	20	< 26.8	µg/m³	02/18/2009 11:59 PM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 5:59 AM
1,2-Dichloropropane	< 4.00	ppbv	D	20	< 18.5	µg/m³	02/18/2009 11:59 PM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 5:59 AM
1,3-Dichloropropene (cis)	< 4.00	ppbv	D	20	< 18.2	µg/m³	02/18/2009 11:59 PM
Trichloroethene	0.68	ppbv		1	3.65	µg/m³	02/18/2009 5:59 AM
Trichloroethene	< 0.92	ppbv	D	20	< 4.94	µg/m³	02/18/2009 11:59 PM
Benzene	1.20	ppbv		1	3.83	µg/m³	02/18/2009 5:59 AM
Benzene	< 4.00	ppbv	D	20	< 12.8	µg/m³	02/18/2009 11:59 PM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	02/18/2009 5:59 AM
Dibromochloromethane	< 4.00	ppbv	D	20	< 34.1	µg/m³	02/18/2009 11:59 PM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 5:59 AM
1,3-Dichloropropene (trans)	< 4.00	ppbv	D	20	< 18.2	µg/m³	02/18/2009 11:59 PM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 5:59 AM
1,1,2-Trichloroethane	< 4.00	ppbv	D	20	< 21.8	µg/m³	02/18/2009 11:59 PM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	02/18/2009 5:59 AM
Bromoform	< 4.00	ppbv	D	20	< 41.4	µg/m³	02/18/2009 11:59 PM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 5:59 AM
Methyl isobutyl ketone	< 4.00	ppbv	D	20	< 16.4	µg/m³	02/18/2009 11:59 PM
Methyl butyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 5:59 AM
Methyl butyl ketone	< 4.00	ppbv	D	20	< 16.4	µg/m³	02/18/2009 11:59 PM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	02/18/2009 5:59 AM
1,2-Dibromoethane	< 4.00	ppbv	D	20	< 30.7	µg/m³	02/18/2009 11:59 PM
Tetrachloroethene	590	ppbv	E	1	4000	µg/m³	02/18/2009 5:59 AM
Tetrachloroethene	427	ppbv	D	20	2900	µg/m³	02/18/2009 11:59 PM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	02/18/2009 5:59 AM
1,1,2,2-Tetrachloroethane	< 4.00	ppbv	D	20	< 27.5	µg/m³	02/18/2009 11:59 PM
Toluene	13.6	ppbv		1	51.3	µg/m³	02/18/2009 5:59 AM
Toluene	7.80	ppbv	D	20	29.4	µg/m³	02/18/2009 11:59 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S49

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-008A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-04

Collected :2/10/2009 8:28:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 5:59 AM
Chlorobenzene	< 4.00	ppbv	D	20	< 18.4	µg/m³	02/18/2009 11:59 PM
Ethylbenzene	3.16	ppbv		1	13.7	µg/m³	02/18/2009 5:59 AM
Ethylbenzene	< 4.00	ppbv	D	20	< 17.4	µg/m³	02/18/2009 11:59 PM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	02/18/2009 5:59 AM
Styrene	< 4.00	ppbv	D	20	< 17.0	µg/m³	02/18/2009 11:59 PM
Xylenes (m&p)	14.9	ppbv		1	64.7	µg/m³	02/18/2009 5:59 AM
Xylenes (m&p)	8.20	ppbv	D	20	35.6	µg/m³	02/18/2009 11:59 PM
Xylenes (o)	5.05	ppbv		1	21.9	µg/m³	02/18/2009 5:59 AM
Xylenes (o)	< 4.00	ppbv	D	20	< 17.4	µg/m³	02/18/2009 11:59 PM
1,3,5-Trimethylbenzene	1.21	ppbv		1	5.95	µg/m³	02/18/2009 5:59 AM
1,3,5-Trimethylbenzene	< 4.00	ppbv	D	20	< 19.7	µg/m³	02/18/2009 11:59 PM
1,2,4-Trimethylbenzene	4.91	ppbv		1	24.1	µg/m³	02/18/2009 5:59 AM
1,2,4-Trimethylbenzene	< 4.00	ppbv	D	20	< 19.7	µg/m³	02/18/2009 11:59 PM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 5:59 AM
1,3-Dichlorobenzene	< 4.00	ppbv	D	20	< 24.0	µg/m³	02/18/2009 11:59 PM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 5:59 AM
1,4-Dichlorobenzene	< 4.00	ppbv	D	20	< 24.0	µg/m³	02/18/2009 11:59 PM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 5:59 AM
1,2-Dichlorobenzene	< 4.00	ppbv	D	20	< 24.0	µg/m³	02/18/2009 11:59 PM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	02/18/2009 5:59 AM
1,3-Hexachlorobutadiene	< 4.00	ppbv	D	20	< 42.7	µg/m³	02/18/2009 11:59 PM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	02/18/2009 5:59 AM
1,2,4-Trichlorobenzene	< 4.00	ppbv	D	20	< 29.7	µg/m³	02/18/2009 11:59 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Date Reported :

Joann M. Slavin

Laboratory Manager

ACT002 S50

1F

EPA SAMPLE NO.

VP-04

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-008A

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5095.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 7 (µg/L or µg/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	Alkane:Branched (20.14)	20.14	10.6	J
2.	unknown (20.18)	20.18	30.2	J
3.	Alkane:Branched (20.28)	20.28	7.40	J
4.	Alkane:Cyclic (20.33)	20.33	7.40	J
5.	Alkane:Branched (20.39)	20.39	29.8	J
6.	Alkane:Branched (20.44)	20.44	6.80	J
7.	Alkane:Branched (20.59)	20.59	18.6	J
8.	Alkane:Branched (20.66)	20.66	19.6	J
9.	Alkane:Branched (20.71)	20.71	17.2	J
10.	DecahydroNaphthalene(isomer)	20.76	7.90	J
11.	Alkane:Branched (20.91)	20.91	21.0	J
12.	Alkane:Cyclic (21.01)	21.01	12.2	J
13.	Alkane:Branched (21.07)	21.07	11.8	J
14.	unknown (21.17)	21.17	18.7	J
15.	unknown (21.31)	21.31	36.3	J
16.	DecahydroMethylNaphthalene(isomer)	21.45	14.3	J
17.	Alkane:Cyclic (21.59)	21.59	10.1	J
18.	DecahydroMethylNaphthalene(isomer)-	21.66	10.3	J
19.	Alkane:Cyclic (21.87)	21.87	15.3	J
20.	Alkane:Branched (22.31)	22.31	12.9	J

ACT002 S51

1F

EPA SAMPLE NO.

VP-04DL

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-008ADL

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5115.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 20.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 2 (µg/L or µg/Kg) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	20.18	26.0	JD
2.		Alkane:Branched (20.39)	20.39	26.0	JD
3.		Alkane:Branched (20.9)	20.90	20.0	JD
4.		unknown(21.30)	21.30	30.0	JD

ACT002 S52

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631)420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-009A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-05

Collected :2/10/2009 9:01:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	0.56	ppbv		1	2.77	µg/m³	02/18/2009 6:45 AM
Dichlorodifluoromethane	< 120	ppbv	D	600	< 593	µg/m³	02/18/2009 9:40 PM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	02/18/2009 6:45 AM
1,2-Dichlorotetrafluoroethane	< 120	ppbv	D	600	< 839	µg/m³	02/18/2009 9:40 PM
Chloromethane	< 0.20	ppbv		1	< 0.41	µg/m³	02/18/2009 6:45 AM
Chloromethane	< 120	ppbv	D	600	< 248	µg/m³	02/18/2009 9:40 PM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	02/18/2009 6:45 AM
Bromomethane	< 120	ppbv	D	600	< 466	µg/m³	02/18/2009 9:40 PM
Vinyl chloride	< 0.20	ppbv		1	< 0.51	µg/m³	02/18/2009 6:45 AM
Vinyl chloride	< 120	ppbv	D	600	< 307	µg/m³	02/18/2009 9:40 PM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	02/18/2009 6:45 AM
Chloroethane	< 120	ppbv	D	600	< 317	µg/m³	02/18/2009 9:40 PM
Methylene chloride	0.39	ppbv		1	1.35	µg/m³	02/18/2009 6:45 AM
Methylene chloride	< 120	ppbv	D	600	< 417	µg/m³	02/18/2009 9:40 PM
Acetone	17.8	ppbv	B	1	42.3	µg/m³	02/18/2009 6:45 AM
Acetone	< 120	ppbv	D	600	< 285	µg/m³	02/18/2009 9:40 PM
Carbon disulfide	1.01	ppbv		1	3.15	µg/m³	02/18/2009 6:45 AM
Carbon disulfide	< 120	ppbv	D	600	< 374	µg/m³	02/18/2009 9:40 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	02/18/2009 6:45 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 120	ppbv	D	600	< 920	µg/m³	02/18/2009 9:40 PM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 6:45 AM
1,1-Dichloroethene	< 120	ppbv	D	600	< 476	µg/m³	02/18/2009 9:40 PM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	02/18/2009 6:45 AM
1,1-Dichloroethane	< 120	ppbv	D	600	< 486	µg/m³	02/18/2009 9:40 PM
Trichlorofluoromethane	0.26	ppbv		1	1.46	µg/m³	02/18/2009 6:45 AM
Trichlorofluoromethane	< 120	ppbv	D	600	< 674	µg/m³	02/18/2009 9:40 PM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	02/18/2009 6:45 AM
Vinyl acetate	< 120	ppbv	D	600	< 423	µg/m³	02/18/2009 9:40 PM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	02/18/2009 6:45 AM
Methyl tert-butyl ether	< 120	ppbv	D	600	< 433	µg/m³	02/18/2009 9:40 PM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 6:45 AM
1,2-Dichloroethene (trans)	< 120	ppbv	D	600	< 476	µg/m³	02/18/2009 9:40 PM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 6:45 AM
1,2-Dichloroethene (cis)	< 120	ppbv	D	600	< 476	µg/m³	02/18/2009 9:40 PM
Methyl ethyl ketone	1.68	ppbv		1	4.95	µg/m³	02/18/2009 6:45 AM
Methyl ethyl ketone	< 120	ppbv	D	600	< 354	µg/m³	02/18/2009 9:40 PM
Chloroform	0.65	ppbv		1	3.17	µg/m³	02/18/2009 6:45 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S53

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-009A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-05

Collected :2/10/2009 9:01:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chloroform	< 120	ppbv	D	600	< 586	µg/m³	02/18/2009 9:40 PM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.79	µg/m³	02/18/2009 6:45 AM
1,2-Dichloroethane	< 120	ppbv	D	600	< 476	µg/m³	02/18/2009 9:40 PM
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 6:45 AM
1,1,1-Trichloroethane	< 120	ppbv	D	600	< 655	µg/m³	02/18/2009 9:40 PM
Carbon tetrachloride	< 0.20	ppbv		1	< 1.26	µg/m³	02/18/2009 6:45 AM
Carbon tetrachloride	< 120	ppbv	D	600	< 755	µg/m³	02/18/2009 9:40 PM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	02/18/2009 6:45 AM
Bromodichloromethane	< 120	ppbv	D	600	< 804	µg/m³	02/18/2009 9:40 PM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 6:45 AM
1,2-Dichloropropane	< 120	ppbv	D	600	< 555	µg/m³	02/18/2009 9:40 PM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 6:45 AM
1,3-Dichloropropene (cis)	< 120	ppbv	D	600	< 545	µg/m³	02/18/2009 9:40 PM
Trichloroethene	0.18	ppbv		1	0.97	µg/m³	02/18/2009 6:45 AM
Trichloroethene	< 27.6	ppbv	D	600	< 148	µg/m³	02/18/2009 9:40 PM
Benzene	333	ppbv	E	1	1060	µg/m³	02/18/2009 6:45 AM
Benzene	168	ppbv	D	600	537	µg/m³	02/18/2009 9:40 PM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	02/18/2009 6:45 AM
Dibromochloromethane	< 120	ppbv	D	600	< 1020	µg/m³	02/18/2009 9:40 PM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	02/18/2009 6:45 AM
1,3-Dichloropropene (trans)	< 120	ppbv	D	600	< 545	µg/m³	02/18/2009 9:40 PM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/18/2009 6:45 AM
1,1,2-Trichloroethane	< 120	ppbv	D	600	< 655	µg/m³	02/18/2009 9:40 PM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	02/18/2009 6:45 AM
Bromoform	< 120	ppbv	D	600	< 1240	µg/m³	02/18/2009 9:40 PM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 6:45 AM
Methyl isobutyl ketone	< 120	ppbv	D	600	< 492	µg/m³	02/18/2009 9:40 PM
Methyl butyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/18/2009 6:45 AM
Methyl butyl ketone	< 120	ppbv	D	600	< 492	µg/m³	02/18/2009 9:40 PM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	02/18/2009 6:45 AM
1,2-Dibromoethane	< 120	ppbv	D	600	< 922	µg/m³	02/18/2009 9:40 PM
Tetrachloroethene	6.80	ppbv		1	46.1	µg/m³	02/18/2009 6:45 AM
Tetrachloroethene	< 120	ppbv	D	600	< 814	µg/m³	02/18/2009 9:40 PM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	02/18/2009 6:45 AM
1,1,2,2-Tetrachloroethane	< 120	ppbv	D	600	< 824	µg/m³	02/18/2009 9:40 PM
Toluene	1020	ppbv	E	1	3840	µg/m³	02/18/2009 6:45 AM
Toluene	1380	ppbv	D	600	5200	µg/m³	02/18/2009 9:40 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S54

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-009A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-05

Collected :2/10/2009 9:01:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	02/18/2009 6:45 AM
Chlorobenzene	< 120	ppbv	D	600	< 553	µg/m³	02/18/2009 9:40 PM
Ethylbenzene	288	ppbv	E	1	1250	µg/m³	02/18/2009 6:45 AM
Ethylbenzene	354	ppbv	D	600	1540	µg/m³	02/18/2009 9:40 PM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	02/18/2009 6:45 AM
Styrene	< 120	ppbv	D	600	< 511	µg/m³	02/18/2009 9:40 PM
Xylenes (m&p)	491	ppbv	E	1	2130	µg/m³	02/18/2009 6:45 AM
Xylenes (m&p)	804	ppbv	D	600	3490	µg/m³	02/18/2009 9:40 PM
Xylenes (o)	261	ppbv	E	1	1130	µg/m³	02/18/2009 6:45 AM
Xylenes (o)	216	ppbv	D	600	938	µg/m³	02/18/2009 9:40 PM
1,3,5-Trimethylbenzene	13.4	ppbv		1	65.9	µg/m³	02/18/2009 6:45 AM
1,3,5-Trimethylbenzene	< 120	ppbv	D	600	< 590	µg/m³	02/18/2009 9:40 PM
1,2,4-Trimethylbenzene	26.7	ppbv		1	131	µg/m³	02/18/2009 6:45 AM
1,2,4-Trimethylbenzene	< 120	ppbv	D	600	< 590	µg/m³	02/18/2009 9:40 PM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 6:45 AM
1,3-Dichlorobenzene	< 120	ppbv	D	600	< 721	µg/m³	02/18/2009 9:40 PM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 6:45 AM
1,4-Dichlorobenzene	< 120	ppbv	D	600	< 721	µg/m³	02/18/2009 9:40 PM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/18/2009 6:45 AM
1,2-Dichlorobenzene	< 120	ppbv	D	600	< 721	µg/m³	02/18/2009 9:40 PM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	02/18/2009 6:45 AM
1,3-Hexachlorobutadiene	< 120	ppbv	D	600	< 1280	µg/m³	02/18/2009 9:40 PM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	02/18/2009 6:45 AM
1,2,4-Trichlorobenzene	< 120	ppbv	D	600	< 891	µg/m³	02/18/2009 9:40 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Laboratory Manager

Date Reported :

ACT002 S55

1F

EPA SAMPLE NO.

VP-05

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-009A

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5096.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	Alkane:Branched (7.43)	7.43	26.7	J
2.	Alkane:Branched (7.94)	7.94	31.6	J
3.	Alkane:Straight-Chain (8.57)	8.57	43.6	J
4.	Alkane:Cyclic (9.61)	9.61	185	J
5.	Alkane:Cyclic (10.85)	10.85	258	J
6.	Alkane:Branched (11.09)	11.09	38.4	J
7.	Alkane:Branched (11.17)	11.17	33.3	J
8.	Alkane:Cyclic (11.3)	11.30	24.2	J
9.	Alkane:Branched (11.41)	11.41	73.5	J
10.	Alkane:Cyclic (11.68)	11.68	58.5	J
11.	Alkane:Cyclic (11.77)	11.77	72.0	J
12.	Alkane:Cyclic (11.88)	11.88	116	J
13.	Alkane:Straight-Chain (12.25)	12.25	126	J
14.	Alkane:Cyclic (13.04)	13.04	1330	J
15.	Alkane:Cyclic (13.36)	13.36	106	J
16.	Alkane:Cyclic (14.77)	14.77	865	J
17.	Alkane:Cyclic (15.32)	15.32	918	J
18.	Alkane:Cyclic (16.27)	16.27	1121	J
19.	Alkane:Cyclic (16.4)	16.40	623	J

ACT002 S56

1F

EPA SAMPLE NO.

VP-05DL

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-009ADL

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5112.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/18/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 600.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Alkane:Cyclic	12.99	780	JD

ACT002 S57

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-010A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-06

Collected :2/10/2009 9:10:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Dichlorodifluoromethane	0.50	ppbv		1	2.47	µg/m³	02/19/2009 12:46 AM
Dichlorodifluoromethane	< 1.00	ppbv	D	5	< 4.94	µg/m³	02/19/2009 10:28 AM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	02/19/2009 12:46 AM
1,2-Dichlorotetrafluoroethane	< 1.00	ppbv	D	5	< 6.99	µg/m³	02/19/2009 10:28 AM
Chloromethane	0.65	ppbv		1	1.34	µg/m³	02/19/2009 12:46 AM
Chloromethane	< 1.00	ppbv	D	5	< 2.07	µg/m³	02/19/2009 10:28 AM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	02/19/2009 12:46 AM
Bromomethane	< 1.00	ppbv	D	5	< 3.88	µg/m³	02/19/2009 10:28 AM
Vinyl chloride	< 0.20	ppbv		1	< 0.51	µg/m³	02/19/2009 12:46 AM
Vinyl chloride	< 1.00	ppbv	D	5	< 2.56	µg/m³	02/19/2009 10:28 AM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	02/19/2009 12:46 AM
Chloroethane	< 1.00	ppbv	D	5	< 2.64	µg/m³	02/19/2009 10:28 AM
Methylene chloride	0.82	ppbv		1	2.85	µg/m³	02/19/2009 12:46 AM
Methylene chloride	1.60	ppbv	D	5	5.56	µg/m³	02/19/2009 10:28 AM
Acetone	89.3	ppbv	BE	1	212	µg/m³	02/19/2009 12:46 AM
Acetone	79.8	ppbv	D	5	190	µg/m³	02/19/2009 10:28 AM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	02/19/2009 12:46 AM
Carbon disulfide	< 1.00	ppbv	D	5	< 3.11	µg/m³	02/19/2009 10:28 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	02/19/2009 12:46 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.00	ppbv	D	5	< 7.66	µg/m³	02/19/2009 10:28 AM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	02/19/2009 12:46 AM
1,1-Dichloroethene	< 1.00	ppbv	D	5	< 3.96	µg/m³	02/19/2009 10:28 AM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	02/19/2009 12:46 AM
1,1-Dichloroethane	< 1.00	ppbv	D	5	< 4.05	µg/m³	02/19/2009 10:28 AM
Trichlorofluoromethane	0.26	ppbv		1	1.46	µg/m³	02/19/2009 12:46 AM
Trichlorofluoromethane	< 1.00	ppbv	D	5	< 5.62	µg/m³	02/19/2009 10:28 AM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	02/19/2009 12:46 AM
Vinyl acetate	< 1.00	ppbv	D	5	< 3.52	µg/m³	02/19/2009 10:28 AM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	02/19/2009 12:46 AM
Methyl tert-butyl ether	< 1.00	ppbv	D	5	< 3.61	µg/m³	02/19/2009 10:28 AM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	02/19/2009 12:46 AM
1,2-Dichloroethene (trans)	< 1.00	ppbv	D	5	< 3.96	µg/m³	02/19/2009 10:28 AM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	02/19/2009 12:46 AM
1,2-Dichloroethene (cis)	< 1.00	ppbv	D	5	< 3.96	µg/m³	02/19/2009 10:28 AM
Methyl ethyl ketone	2.08	ppbv		1	6.13	µg/m³	02/19/2009 12:46 AM
Methyl ethyl ketone	1.30	ppbv	D	5	3.83	µg/m³	02/19/2009 10:28 AM
Chloroform	< 0.20	ppbv		1	< 0.98	µg/m³	02/19/2009 12:46 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S58

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-010A

Sample Information...
Type : Air

Origin:

Client Sample ID. : VP-06

Collected :2/10/2009 9:10:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chloroform	< 1.00	ppbv	D	5	< 4.88	µg/m³	02/19/2009 10:28 AM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.79	µg/m³	02/19/2009 12:46 AM
1,2-Dichloroethane	< 1.00	ppbv	D	5	< 3.97	µg/m³	02/19/2009 10:28 AM
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/19/2009 12:46 AM
1,1,1-Trichloroethane	< 1.00	ppbv	D	5	< 5.46	µg/m³	02/19/2009 10:28 AM
Carbon tetrachloride	< 0.20	ppbv		1	< 1.26	µg/m³	02/19/2009 12:46 AM
Carbon tetrachloride	< 1.00	ppbv	D	5	< 6.29	µg/m³	02/19/2009 10:28 AM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	02/19/2009 12:46 AM
Bromodichloromethane	< 1.00	ppbv	D	5	< 6.70	µg/m³	02/19/2009 10:28 AM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	02/19/2009 12:46 AM
1,2-Dichloropropane	< 1.00	ppbv	D	5	< 4.62	µg/m³	02/19/2009 10:28 AM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	02/19/2009 12:46 AM
1,3-Dichloropropene (cis)	< 1.00	ppbv	D	5	< 4.54	µg/m³	02/19/2009 10:28 AM
Trichloroethene	0.25	ppbv		1	1.34	µg/m³	02/19/2009 12:46 AM
Trichloroethene	< 0.23	ppbv	D	5	< 1.24	µg/m³	02/19/2009 10:28 AM
Benzene	3.44	ppbv		1	11.0	µg/m³	02/19/2009 12:46 AM
Benzene	2.70	ppbv	D	5	8.63	µg/m³	02/19/2009 10:28 AM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	02/19/2009 12:46 AM
Dibromochloromethane	< 1.00	ppbv	D	5	< 8.52	µg/m³	02/19/2009 10:28 AM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	02/19/2009 12:46 AM
1,3-Dichloropropene (trans)	< 1.00	ppbv	D	5	< 4.54	µg/m³	02/19/2009 10:28 AM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	02/19/2009 12:46 AM
1,1,2-Trichloroethane	< 1.00	ppbv	D	5	< 5.46	µg/m³	02/19/2009 10:28 AM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	02/19/2009 12:46 AM
Bromoform	< 1.00	ppbv	D	5	< 10.3	µg/m³	02/19/2009 10:28 AM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/19/2009 12:46 AM
Methyl isobutyl ketone	< 1.00	ppbv	D	5	< 4.10	µg/m³	02/19/2009 10:28 AM
Methyl butyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	02/19/2009 12:46 AM
Methyl butyl ketone	< 1.00	ppbv	D	5	< 4.10	µg/m³	02/19/2009 10:28 AM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	02/19/2009 12:46 AM
1,2-Dibromoethane	< 1.00	ppbv	D	5	< 7.69	µg/m³	02/19/2009 10:28 AM
Tetrachloroethene	< 0.20	ppbv		1	< 1.36	µg/m³	02/19/2009 12:46 AM
Tetrachloroethene	< 1.00	ppbv	D	5	< 6.78	µg/m³	02/19/2009 10:28 AM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	02/19/2009 12:46 AM
1,1,2,2-Tetrachloroethane	< 1.00	ppbv	D	5	< 6.87	µg/m³	02/19/2009 10:28 AM
Toluene	20.8	ppbv		1	78.4	µg/m³	02/19/2009 12:46 AM
Toluene	19.0	ppbv	D	5	71.6	µg/m³	02/19/2009 10:28 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S59

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Advanced Cleanup Technologies
115 Rome St
Farmingdale, NY 11735
Attn To : Paul Stuart

Lab No. :0902331-010A

Sample Information...
Type : Air

Origin:

Client Sample ID. :VP-06

Collected :2/10/2009 9:10:00 AM
Received :2/11/2009 2:13:00 PM
Collected By : SW99
Copy : Original
CC

Method: ETO-15

Parameter(s)	Result (ppbv)	Units	Qualifier	D.F.	Result (µg/m³)	Units	Date Analyzed
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	02/19/2009 12:46 AM
Chlorobenzene	< 1.00	ppbv	D	5	< 4.61	µg/m³	02/19/2009 10:28 AM
Ethylbenzene	2.37	ppbv		1	10.3	µg/m³	02/19/2009 12:46 AM
Ethylbenzene	1.50	ppbv	D	5	6.52	µg/m³	02/19/2009 10:28 AM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	02/19/2009 12:46 AM
Styrene	< 1.00	ppbv	D	5	< 4.26	µg/m³	02/19/2009 10:28 AM
Xylenes (m&p)	8.80	ppbv		1	38.2	µg/m³	02/19/2009 12:46 AM
Xylenes (m&p)	6.50	ppbv	D	5	28.2	µg/m³	02/19/2009 10:28 AM
Xylenes (o)	2.99	ppbv		1	13.0	µg/m³	02/19/2009 12:46 AM
Xylenes (o)	2.15	ppbv	D	5	9.34	µg/m³	02/19/2009 10:28 AM
1,3,5-Trimethylbenzene	0.53	ppbv		1	2.61	µg/m³	02/19/2009 12:46 AM
1,3,5-Trimethylbenzene	< 1.00	ppbv	D	5	< 4.92	µg/m³	02/19/2009 10:28 AM
1,2,4-Trimethylbenzene	2.01	ppbv		1	9.88	µg/m³	02/19/2009 12:46 AM
1,2,4-Trimethylbenzene	1.45	ppbv	D	5	7.13	µg/m³	02/19/2009 10:28 AM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/19/2009 12:46 AM
1,3-Dichlorobenzene	< 1.00	ppbv	D	5	< 6.01	µg/m³	02/19/2009 10:28 AM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/19/2009 12:46 AM
1,4-Dichlorobenzene	< 1.00	ppbv	D	5	< 6.01	µg/m³	02/19/2009 10:28 AM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	02/19/2009 12:46 AM
1,2-Dichlorobenzene	< 1.00	ppbv	D	5	< 6.01	µg/m³	02/19/2009 10:28 AM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	02/19/2009 12:46 AM
1,3-Hexachlorobutadiene	< 1.00	ppbv	D	5	< 10.7	µg/m³	02/19/2009 10:28 AM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	02/19/2009 12:46 AM
1,2,4-Trichlorobenzene	< 1.00	ppbv	D	5	< 7.42	µg/m³	02/19/2009 10:28 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Joann M. Slavin

Date Reported :

Laboratory Manager

ACT002 S60

1F

EPA SAMPLE NO.

VP-06

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-010A

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5116.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 12 (µg/L or µg/Kg) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Alkane:Branched (4.15)	4.15	11.3	J
2.	000067-63-0	Isopropyl Alcohol-	5.25	3.60	JN
3.		Alkane:Straight-Chain	8.55	3.40	J
4.		Alkane:Branched (17.32)	17.32	3.30	J
5.		unknown (18.89)	18.89	6.80	J
6.		Alkane:Branched (19.1)	19.10	3.80	J
7.		unknown hydrocarbon	20.03	3.30	J
8.		Alkane:Branched (20.14)	20.14	4.50	J
9.		unknown (20.18)	20.18	11.6	J
10.		Alkane:Branched (20.39)	20.39	14.0	J
11.		Alkane:Branched (20.58)	20.58	6.40	J
12.		Alkane:Branched (20.66)	20.66	7.50	J
13.		Alkane:Branched (20.7)	20.70	5.40	J
14.		unknown (20.9)	20.90	6.00	J
15.		Alkane:Cyclic(21.01)	21.01	3.40	J
16.		unknown	21.17	5.30	J
17.		unknown (21.3)	21.30	8.80	J
18.		DecahydroMethylNaphthalene(isomer)	21.45	3.60	J
19.		unknown (21.89)	21.89	3.60	J

ACT002 S61

1F

EPA SAMPLE NO.

VP-06DL

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT002

Matrix: (soil/water) AIR Lab Sample ID: 0902331-010ADL

Sample wt/vol: 400 (g/mL) ML Lab File ID: I5128.D

Level: (low/med) LOW Date Received: 02/11/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx1 ID: .32 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 3 (µg/L or µg/Kg) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Alkane:Straight-Chain	4.00	11.5	JD
2.		Alkane:Branched (4.15)	4.15	10.5	JD
3.		Alkane:Branched (11.87)	11.87	8.50	JD
4.		unknown (18.89)	18.89	6.00	JD
5.		unknown (20.18)	20.18	10.5	JD
6.		Alkane:Branched (20.39)	20.39	12.5	JD
7.		Alkane:Branched (20.58)	20.58	6.00	JD
8.		Alkane:Branched (20.66)	20.66	7.50	JD
9.		Alkane:Branched (20.7)	20.70	5.50	JD
10.		Alkane:Branched (20.9)	20.90	6.50	JD
11.		unknown	21.31	7.00	JD

ACT002 S62

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING

377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

290531 18

Client: Advanced Cleanup Technologies
Address: 115 Rome Street
Farmingdale, NY
Phone: 631-293-4992 FAX: 631-293-4956
Person receiving report: P. Stewart
Sampled by: Steven Walls
Source:
Job No.: 5621-PWNY

TYPE & NUMBER OF CONTAINERS

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	EPA 8260 (VOCs)	EPA 8270 (ABN+30)	EPA 8081 (Pesticides)	EPA 8082 (PCBs)	PPM Metals (EPA 6010/7000)	Total Organic Carbon	Filtered PPM Metals	Sulfate	Nitrate	COD	TPH 1310	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
Soil	2/10	11:00	SB-12(10')	1	X										X			
Soil	2/10	1:00	SB-11(8.5')	2	X					X					X			
Soil	2/11	1:00	SB-11Dup(8.5')	1	X										X			
Soil	2/10	2:00	SB-05(7')	1	X										X			
Soil	2/10	3:00	SB-09(9')	4	X	X	X	X	X						X			
Soil	2/10	5:30	SB-13(8-9')	1	X										X			
Soil	2/10	4:00	SB-08(1')	1	X										X			
Water	2/10	10:00	TW-15	10	X	X	X	X	X	X	X	X	X	X	X			
Water	2/10	10:00	TW-15 Dup	1	X										X			
Soil	2/10	4:00	SB-08(1') MS	1	X										X			
Soil	2/11	4:00	SB-08(1') MSD	1	X										X			
																		Temp - 2.0°C

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:	2/11 3:13	YES NO NA	Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.01 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1100
MATRIX:Soil SAMPLE: SB-12 (10')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Chloromethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Vinyl Chloride	ug/Kg	< 6.1		022409	6.097	EPA8260
Bromomethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Chloroethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Trichlorofluoromethane	ug/Kg	< 6.1		022409	6.097	EPA8260
,1 Dichloroethene	ug/Kg	< 6.1		022409	6.097	EPA8260
Methylene Chloride	ug/Kg	< 6.1		022409	6.097	EPA8260
-1,2-Dichloroethene	ug/Kg	< 6.1		022409	6.097	EPA8260
1,1 Dichloroethane	ug/Kg	< 6.1		022409	6.097	EPA8260
2,2-Dichloropropane	ug/Kg	< 6.1		022409	6.097	EPA8260
-1,2-Dichloroethene	ug/Kg	< 6.1		022409	6.097	EPA8260
Bromochloromethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Chloroform	ug/Kg	< 6.1		022409	6.097	EPA8260
1,1 Trichloroethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Carbon Tetrachloride	ug/Kg	< 6.1		022409	6.097	EPA8260
,1-Dichloropropene	ug/Kg	< 6.1		022409	6.097	EPA8260
Benzene	ug/Kg	< 6.1		022409	6.097	EPA8260
,2 Dichloroethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Trichloroethene	ug/Kg	< 6.1		022409	6.097	EPA8260
,2 Dichloropropane	ug/Kg	< 6.1		022409	6.097	EPA8260
Dibromomethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Bromodichloromethane	ug/Kg	< 6.1		022409	6.097	EPA8260
-1,3Dichloropropene	ug/Kg	< 6.1		022409	6.097	EPA8260
Toluene	ug/Kg	< 6.1		022409	6.097	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2579 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.01 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1100
MATRIX:Soil SAMPLE: SB-12 (10')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
:-1,3Dichloropropene	ug/Kg	< 6.1		022409	6.097	EPA8260
112 Trichloroethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Tetrachloroethene	ug/Kg	< 6.1		022409	6.097	EPA8260
1,3-Dichloropropane	ug/Kg	< 6.1		022409	6.097	EPA8260
Chlorodibromomethane	ug/Kg	< 6.1		022409	6.097	EPA8260
1,2 Dibromoethane	ug/Kg	< 6.1		022409	6.097	EPA8260
Chlorobenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
Ethyl Benzene	ug/Kg	< 6.1		022409	6.097	EPA8260
1112Tetrachloroethane	ug/Kg	< 6.1		022409	6.097	EPA8260
n + p Xylene	ug/Kg	< 12		022409	12.19	EPA8260
o Xylene	ug/Kg	< 6.1		022409	6.097	EPA8260
Styrene	ug/Kg	< 6.1		022409	6.097	EPA8260
Bromoform	ug/Kg	< 6.1		022409	6.097	EPA8260
Isopropylbenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
Bromobenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
1122Tetrachloroethane	ug/Kg	< 6.1		022409	6.097	EPA8260
123-Trichloropropane	ug/Kg	< 6.1		022409	6.097	EPA8260
n-Propylbenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
2-Chlorotoluene	ug/Kg	< 6.1		022409	6.097	EPA8260
135-Trimethylbenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
4-Chlorotoluene	ug/Kg	< 6.1		022409	6.097	EPA8260
tert-Butylbenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
124-Trimethylbenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
sec-Butylbenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
p-Isopropyltoluene	ug/Kg	< 6.1		022409	6.097	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2580 NYSDOH ID # 10320 Page 2 of 3

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.01 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1100
MATRIX:Soil SAMPLE: SB-12 (10')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 6.1		022409	6.097	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 6.1		022409	6.097	EPA8260
n-Butylbenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 6.1		022409	6.097	EPA8260
Dibromochloropropane	ug/Kg	< 6.1		022409	6.097	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 6.1		022409	6.097	EPA8260
Hexachlorobutadiene	ug/Kg	< 6.1		022409	6.097	EPA8260
Naphthalene(v)	ug/Kg	< 6.1		022409	6.097	EPA8260
123-Trichlorobenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
ter.ButylMethylEther	ug/Kg	< 6.1		022409	6.097	EPA8260
p-Ethyltoluene	ug/Kg	< 6.1		022409	6.097	EPA8260
Freon 113	ug/Kg	< 6.1		022409	6.097	EPA8260
1245 Tetramethylbenz	ug/Kg	< 6.1		022409	6.097	EPA8260
Acetone	ug/Kg	< 61		022409	60.97	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 61		022409	60.97	EPA8260
Methylisobutylketone	ug/Kg	< 61		022409	60.97	EPA8260
Chlorodifluoromethane	ug/Kg	< 6.1		022409	6.097	EPA8260
p Diethylbenzene	ug/Kg	< 6.1		022409	6.097	EPA8260
% Solids		82		022009	0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2581 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.02 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1300
MATRIX:Soil SAMPLE: SB-11 (8.5')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Chloromethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Vinyl Chloride	ug/Kg	< 5.9		021809	5.882	EPA8260
Bromomethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Chloroethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.9		021809	5.882	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.9		021809	5.882	EPA8260
Methylene Chloride	ug/Kg	< 5.9		021809	5.882	EPA8260
t-1,2-Dichloroethene	ug/Kg	< 5.9		021809	5.882	EPA8260
1,1 Dichloroethane	ug/Kg	< 5.9		021809	5.882	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.9		021809	5.882	EPA8260
c-1,2-Dichloroethene	ug/Kg	< 5.9		021809	5.882	EPA8260
Bromochloromethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Chloroform	ug/Kg	< 5.9		021809	5.882	EPA8260
111 Trichloroethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.9		021809	5.882	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.9		021809	5.882	EPA8260
Benzene	ug/Kg	< 5.9		021809	5.882	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Trichloroethene	ug/Kg	< 5.9		021809	5.882	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.9		021809	5.882	EPA8260
Dibromomethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Bromodichloromethane	ug/Kg	< 5.9		021809	5.882	EPA8260
c-1,3Dichloropropene	ug/Kg	< 5.9		021809	5.882	EPA8260
Toluene	ug/Kg	< 5.9		021809	5.882	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2582 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.02 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1300
MATRIX:Soil SAMPLE: SB-11 (8.5')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/Kg	< 5.9		021809	5.882	EPA8260
112 Trichloroethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Tetrachloroethene	ug/Kg	< 5.9		021809	5.882	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.9		021809	5.882	EPA8260
Chlorodibromomethane	ug/Kg	< 5.9		021809	5.882	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.9		021809	5.882	EPA8260
Chlorobenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
Ethyl Benzene	ug/Kg	< 5.9		021809	5.882	EPA8260
1112Tetrachloroethane	ug/Kg	< 5.9		021809	5.882	EPA8260
m + p Xylene	ug/Kg	< 12		021809	11.76	EPA8260
o Xylene	ug/Kg	< 5.9		021809	5.882	EPA8260
Styrene	ug/Kg	< 5.9		021809	5.882	EPA8260
Bromoform	ug/Kg	< 5.9		021809	5.882	EPA8260
Isopropylbenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
Bromobenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
1122Tetrachloroethane	ug/Kg	< 5.9		021809	5.882	EPA8260
123-Trichloropropane	ug/Kg	< 5.9		021809	5.882	EPA8260
n-Propylbenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
2-Chlorotoluene	ug/Kg	< 5.9		021809	5.882	EPA8260
135-Trimethylbenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
4-Chlorotoluene	ug/Kg	< 5.9		021809	5.882	EPA8260
tert-Butylbenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
124-Trimethylbenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
sec-Butylbenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
p-Isopropyltoluene	ug/Kg	< 5.9		021809	5.882	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2583 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.02 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1300
MATRIX:Soil SAMPLE: SB-11 (8.5')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.9		021809	5.882	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.9		021809	5.882	EPA8260
n-Butylbenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.9		021809	5.882	EPA8260
Dibromochloropropane	ug/Kg	< 5.9		021809	5.882	EPA8260
1,2,4-Trichlorobenzene (v)	ug/Kg	< 5.9		021809	5.882	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.9		021809	5.882	EPA8260
Naphthalene(v)	ug/Kg	< 5.9		021809	5.882	EPA8260
1,2,3-Trichlorobenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
Ter.ButylMethylEther	ug/Kg	< 5.9		021809	5.882	EPA8260
p-Ethyltoluene	ug/Kg	< 5.9		021809	5.882	EPA8260
Freon 113	ug/Kg	< 5.9		021809	5.882	EPA8260
1,2,4,5 Tetramethylbenz	ug/Kg	< 5.9		021809	5.882	EPA8260
Acetone	ug/Kg	< 59		021809	58.82	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 59		021809	58.82	EPA8260
Methylisobutylketone	ug/Kg	< 59		021809	58.82	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.9		021809	5.882	EPA8260
p Diethylbenzene	ug/Kg	< 5.9		021809	5.882	EPA8260
% Solids		85		021309	0.1	182540G
Tot Organic Carbon	mg/Kg	260		021709	176.4	EPA415.1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2584 NYSDOH ID # 10320 Page 3 of 3

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.03 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1300
MATRIX:Soil SAMPLE: SB-11 (8.5') Dup

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Chloromethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Vinyl Chloride	ug/Kg	< 5.1		021809	5.050	EPA8260
Bromomethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Chloroethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.1		021809	5.050	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.1		021809	5.050	EPA8260
Methylene Chloride	ug/Kg	< 5.1		021809	5.050	EPA8260
c-1,2-Dichloroethene	ug/Kg	< 5.1		021809	5.050	EPA8260
1,1 Dichloroethane	ug/Kg	< 5.1		021809	5.050	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.1		021809	5.050	EPA8260
t-1,2-Dichloroethene	ug/Kg	< 5.1		021809	5.050	EPA8260
Bromochloromethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Chloroform	ug/Kg	< 5.1		021809	5.050	EPA8260
1,1,1 Trichloroethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.1		021809	5.050	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.1		021809	5.050	EPA8260
Benzene	ug/Kg	< 5.1		021809	5.050	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Trichloroethene	ug/Kg	< 5.1		021809	5.050	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.1		021809	5.050	EPA8260
Dibromomethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Bromodichloromethane	ug/Kg	< 5.1		021809	5.050	EPA8260
t-1,3Dichloropropene	ug/Kg	< 5.1		021809	5.050	EPA8260
Toluene	ug/Kg	< 5.1		021809	5.050	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 2585 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.03 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1300
MATRIX:Soil SAMPLE: SB-11 (8.5') Dup

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
c-1,3Dichloropropene	ug/Kg	< 5.1		021809	5.050	EPA8260
112 Trichloroethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Tetrachloroethene	ug/Kg	< 5.1		021809	5.050	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.1		021809	5.050	EPA8260
Chlorodibromomethane	ug/Kg	< 5.1		021809	5.050	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.1		021809	5.050	EPA8260
Chlorobenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
Ethyl Benzene	ug/Kg	< 5.1		021809	5.050	EPA8260
1112Tetrachloroethane	ug/Kg	< 5.1		021809	5.050	EPA8260
+ p Xylene	ug/Kg	< 10		021809	10.10	EPA8260
Xylene	ug/Kg	< 5.1		021809	5.050	EPA8260
Styrene	ug/Kg	< 5.1		021809	5.050	EPA8260
Bromoform	ug/Kg	< 5.1		021809	5.050	EPA8260
Isopropylbenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
Bromobenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
1122Tetrachloroethane	ug/Kg	< 5.1		021809	5.050	EPA8260
123-Trichloropropane	ug/Kg	< 5.1		021809	5.050	EPA8260
n-Propylbenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
2-Chlorotoluene	ug/Kg	< 5.1		021809	5.050	EPA8260
135-Trimethylbenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
4-Chlorotoluene	ug/Kg	< 5.1		021809	5.050	EPA8260
tert-Butylbenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
124-Trimethylbenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
sec-Butylbenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
p-Isopropyltoluene	ug/Kg	< 5.1		021809	5.050	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2586 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.03 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1300
MATRIX:Soil SAMPLE: SB-11 (8.5') Dup

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.1		021809	5.050	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.1		021809	5.050	EPA8260
n-Butylbenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.1		021809	5.050	EPA8260
Dibromochloropropane	ug/Kg	< 5.1		021809	5.050	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 5.1		021809	5.050	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.1		021809	5.050	EPA8260
Naphthalene(v)	ug/Kg	< 5.1		021809	5.050	EPA8260
123-Trichlorobenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
ter.ButylMethylEther	ug/Kg	< 5.1		021809	5.050	EPA8260
p-Ethyltoluene	ug/Kg	< 5.1		021809	5.050	EPA8260
Freon 113	ug/Kg	< 5.1		021809	5.050	EPA8260
1245 Tetramethylbenz	ug/Kg	< 5.1		021809	5.050	EPA8260
Acetone	ug/Kg	< 51		021809	50.50	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 51		021809	50.50	EPA8260
Methylisobutylketone	ug/Kg	< 51		021809	50.50	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.1		021809	5.050	EPA8260
p Diethylbenzene	ug/Kg	< 5.1		021809	5.050	EPA8260
% Solids		99		021309	0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2587 NYSDOH ID # 10320 Page 3 of 3

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.04 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1400
MATRIX:Soil SAMPLE: SB-05 (7')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chloromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Vinyl Chloride	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromomethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.6		021809	5.617	EPA8260
Methylene Chloride	ug/Kg	< 5.6		021809	5.617	EPA8260
t-1,2-Dichloroethene	ug/Kg	< 5.6		021809	5.617	EPA8260
1,1 Dichloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
c-1,2-Dichloroethene	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromochloromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chloroform	ug/Kg	< 5.6		021809	5.617	EPA8260
111 Trichloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.6		021809	5.617	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.6		021809	5.617	EPA8260
Benzene	ug/Kg	< 5.6		021809	5.617	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Trichloroethene	ug/Kg	< 5.6		021809	5.617	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
Dibromomethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromodichloromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
c-1,3Dichloropropene	ug/Kg	< 5.6		021809	5.617	EPA8260
Toluene	ug/Kg	< 5.6		021809	5.617	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2588 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.04 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1400
MATRIX:Soil SAMPLE: SB-05 (7')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/Kg	< 5.6		021809	5.617	EPA8260
112 Trichloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Tetrachloroethene	ug/Kg	< 5.6		021809	5.617	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chlorodibromomethane	ug/Kg	< 5.6		021809	5.617	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chlorobenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
Ethyl Benzene	ug/Kg	< 5.6		021809	5.617	EPA8260
1112Tetrachloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
m + p Xylene	ug/Kg	< 11		021809	11.23	EPA8260
o Xylene	ug/Kg	< 5.6		021809	5.617	EPA8260
Styrene	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromoform	ug/Kg	< 5.6		021809	5.617	EPA8260
Isopropylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromobenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
1122Tetrachloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
123-Trichloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
n-Propylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
2-Chlorotoluene	ug/Kg	< 5.6		021809	5.617	EPA8260
135-Trimethylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
4-Chlorotoluene	ug/Kg	< 5.6		021809	5.617	EPA8260
tert-Butylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
124-Trimethylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
sec-Butylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
p-Isopropyltoluene	ug/Kg	< 5.6		021809	5.617	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2589 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.04 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart P0#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1400
MATRIX:Soil SAMPLE: SB-05 (7')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.6		021809	5.617	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.6		021809	5.617	EPA8260
n-Butylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.6		021809	5.617	EPA8260
Dibromochloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 5.6		021809	5.617	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.6		021809	5.617	EPA8260
Naphthalene(v)	ug/Kg	< 5.6		021809	5.617	EPA8260
123-Trichlorobenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
ter.ButylMethylEther	ug/Kg	< 5.6		021809	5.617	EPA8260
p-Ethyltoluene	ug/Kg	< 5.6		021809	5.617	EPA8260
Freon 113	ug/Kg	< 5.6		021809	5.617	EPA8260
1245 Tetramethylbenz	ug/Kg	< 5.6		021809	5.617	EPA8260
Acetone	ug/Kg	< 56		021809	56.17	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 56		021809	56.17	EPA8260
Methylisobutylketone	ug/Kg	< 56		021809	56.17	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
p Diethylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
% Solids		89		021309	0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2590 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.05 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1500
MATRIX:Soil SAMPLE: SB-09 (9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Chloromethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Vinyl Chloride	ug/Kg	< 5.3		021809	5.263	EPA8260
Bromomethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Chloroethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.3		021809	5.263	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.3		021809	5.263	EPA8260
Methylene Chloride	ug/Kg	< 5.3		021809	5.263	EPA8260
t-1,2-Dichloroethene	ug/Kg	< 5.3		021809	5.263	EPA8260
1,1 Dichloroethane	ug/Kg	< 5.3		021809	5.263	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.3		021809	5.263	EPA8260
c-1,2-Dichloroethene	ug/Kg	< 5.3		021809	5.263	EPA8260
Bromochloromethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Chloroform	ug/Kg	< 5.3		021809	5.263	EPA8260
111 Trichloroethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.3		021809	5.263	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.3		021809	5.263	EPA8260
Benzene	ug/Kg	< 5.3		021809	5.263	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Trichloroethene	ug/Kg	< 5.3		021809	5.263	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.3		021809	5.263	EPA8260
Dibromomethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Bromodichloromethane	ug/Kg	< 5.3		021809	5.263	EPA8260
c-1,3Dichloropropene	ug/Kg	< 5.3		021809	5.263	EPA8260
Toluene	ug/Kg	< 5.3		021809	5.263	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2591 NYSDOH ID # 10320 Page 1 of 9

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.05 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1500
MATRIX:Soil SAMPLE: SB-09 (9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/Kg	< 5.3		021809	5.263	EPA8260
112 Trichloroethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Tetrachloroethene	ug/Kg	190		021809	5.263	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.3		021809	5.263	EPA8260
Chlorodibromomethane	ug/Kg	< 5.3		021809	5.263	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.3		021809	5.263	EPA8260
Chlorobenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
Ethyl Benzene	ug/Kg	< 5.3		021809	5.263	EPA8260
1112Tetrachloroethane	ug/Kg	< 5.3		021809	5.263	EPA8260
m + p Xylene	ug/Kg	< 11		021809	10.52	EPA8260
o Xylene	ug/Kg	< 5.3		021809	5.263	EPA8260
Styrene	ug/Kg	< 5.3		021809	5.263	EPA8260
Bromoform	ug/Kg	< 5.3		021809	5.263	EPA8260
Isopropylbenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
Bromobenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
1122Tetrachloroethane	ug/Kg	< 5.3		021809	5.263	EPA8260
123-Trichloropropane	ug/Kg	< 5.3		021809	5.263	EPA8260
n-Propylbenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
2-Chlorotoluene	ug/Kg	< 5.3		021809	5.263	EPA8260
135-Trimethylbenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
4-Chlorotoluene	ug/Kg	< 5.3		021809	5.263	EPA8260
tert-Butylbenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
124-Trimethylbenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
sec-Butylbenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
p-Isopropyltoluene	ug/Kg	< 5.3		021809	5.263	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2592 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.05 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1500
MATRIX:Soil SAMPLE: SB-09 (9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.3		021809	5.263	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.3		021809	5.263	EPA8260
n-Butylbenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.3		021809	5.263	EPA8260
Dibromochloropropane	ug/Kg	< 5.3		021809	5.263	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 5.3		021809	5.263	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.3		021809	5.263	EPA8260
Naphthalene(v)	ug/Kg	< 5.3		021809	5.263	EPA8260
123-Trichlorobenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
ter.ButylMethylEther	ug/Kg	< 5.3		021809	5.263	EPA8260
p-Ethyltoluene	ug/Kg	< 5.3		021809	5.263	EPA8260
Freon 113	ug/Kg	< 5.3		021809	5.263	EPA8260
1245 Tetramethylbenz	ug/Kg	< 5.3		021809	5.263	EPA8260
Acetone	ug/Kg	< 53		021809	52.63	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 53		021809	52.63	EPA8260
Methylisobutylketone	ug/Kg	< 53		021809	52.63	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.3		021809	5.263	EPA8260
p Diethylbenzene	ug/Kg	< 5.3		021809	5.263	EPA8260
% Solids		95		021309	0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2593 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.05 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1500
MATRIX:Soil SAMPLE: SB-09 (9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
N-Nitrosodimethylamine	ug/Kg	< 32		021909	31.57	EPA8270
Bis(2-chloroethyl)ether	ug/Kg	< 32		021909	31.57	EPA8270
1,3 Dichlorobenzene(sv)	ug/Kg	< 32		021909	31.57	EPA8270
1,4 Dichlorobenzene(sv)	ug/Kg	< 32		021909	31.57	EPA8270
1,2 Dichlorobenzene(sv)	ug/Kg	< 32		021909	31.57	EPA8270
Bis(2-chloroisopropyl)ether	ug/Kg	< 32		021909	31.57	EPA8270
N-Nitrosodi-n-propylamine	ug/Kg	< 32		021909	31.57	EPA8270
Hexachloroethane	ug/Kg	< 32		021909	31.57	EPA8270
Nitrobenzene	ug/Kg	< 32		021909	31.57	EPA8270
Isophorone	ug/Kg	< 32		021909	31.57	EPA8270
Bis(2-chloroethoxy)methane	ug/Kg	< 32		021909	31.57	EPA8270
124-Trichlorobenzene (sv)	ug/Kg	< 32		021909	31.57	EPA8270
Naphthalene(sv)	ug/Kg	< 32		021909	31.57	EPA8270
Hexachlorobutadiene	ug/Kg	< 32		021909	31.57	EPA8270
Hexachlorocyclopentadiene	ug/Kg	< 320		021909	315.7	EPA8270
2-Chloronaphthalene	ug/Kg	< 32		021909	31.57	EPA8270
Dimethyl Phthalate	ug/Kg	< 32		021909	31.57	EPA8270
Acenaphthylene	ug/Kg	< 32		021909	31.57	EPA8270
2,6-Dinitrotoluene	ug/Kg	< 32		021909	31.57	EPA8270
Acenaphthene	ug/Kg	< 32		021909	31.57	EPA8270
2,4-Dinitrotoluene	ug/Kg	< 32		021909	31.57	EPA8270
Diethyl Phthalate	ug/Kg	< 32		021909	31.57	EPA8270
Fluorene	ug/Kg	< 32		021909	31.57	EPA8270
4-Chlorophenyl phenyl ether	ug/Kg	< 32		021909	31.57	EPA8270
N-Nitrosodiphenylamine	ug/Kg	< 32		021909	31.57	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2594 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.05 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1500
MATRIX:Soil SAMPLE: SB-09 (9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Azobenzene	ug/Kg	< 32		021909	31.57	EPA8270
4-Bromophenyl phenyl ether	ug/Kg	< 32		021909	31.57	EPA8270
Hexachlorobenzene	ug/Kg	< 32		021909	31.57	EPA8270
Phenanthrene	ug/Kg	44		021909	31.57	EPA8270
Anthracene	ug/Kg	< 32		021909	31.57	EPA8270
Di-n-Butyl Phthalate	ug/Kg	< 32		021909	31.57	EPA8270
Fluoranthene	ug/Kg	56		021909	31.57	EPA8270
Benzidine	ug/Kg	< 320		021909	315.7	EPA8270
Pyrene	ug/Kg	97		021909	31.57	EPA8270
BenzylButylPhthalate	ug/Kg	< 32		021909	31.57	EPA8270
Benzo(a)anthracene	ug/Kg	79		021909	31.57	EPA8270
3,3'-Dichlorobenzidine	ug/Kg	< 320		021909	315.7	EPA8270
Chrysene	ug/Kg	170		021909	31.57	EPA8270
Bis(2-ethylhexyl)phthalate	ug/Kg	84		021909	31.57	EPA8270
Di-n-octyl Phthalate	ug/Kg	< 32		021909	31.57	EPA8270
Benzo(b)fluoranthene	ug/Kg	260	#	021909	31.57	EPA8270
Benzo(k)fluoranthene	ug/Kg	200	#	021909	31.57	EPA8270
Benzo(a)pyrene	ug/Kg	140		021909	31.57	EPA8270
Indeno(1,2,3-cd)pyrene	ug/Kg	130		021909	31.57	EPA8270
Dibenzo(a,h)anthracene	ug/Kg	48		021909	31.57	EPA8270
Benzo(ghi)perylene	ug/Kg	130		021909	31.57	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Includes 1,2 Diphenylhydrazine as Azobenzene.
#Estimated due to unobtainable method requirement of a 50% split between peaks with the same isomers.

DIRECTOR

rn = 2595 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.05 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1500
MATRIX:Soil SAMPLE: SB-09 (9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/Kg	< 32		021909	31.57	EPA8270
2-Chlorophenol	ug/Kg	< 32		021909	31.57	EPA8270
2-Nitrophenol	ug/Kg	< 32		021909	31.57	EPA8270
2,4-Dimethylphenol	ug/Kg	< 32		021909	31.57	EPA8270
2,4-Dichlorophenol	ug/Kg	< 32		021909	31.57	EPA8270
4-Chloro-3-methylphenol	ug/Kg	< 32		021909	31.57	EPA8270
2,4,6-Trichlorophenol	ug/Kg	< 32		021909	31.57	EPA8270
4-Nitrophenol	ug/Kg	< 320		021909	315.7	EPA8270
2,4-Dinitrophenol	ug/Kg	< 320		021909	315.7	EPA8270
2-Methyl-4,6-dinitrophenol	ug/Kg	< 320		021909	315.7	EPA8270
Pentachlorophenol (ms)	ug/Kg	< 320		021909	315.7	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2596 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.290531.05 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1500
MATRIX:Soil SAMPLE: SB-09 (9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/Kg	< 2.1		022109	2.105	EPA8081
Heptachlor	ug/Kg	< 2.1		022109	2.105	EPA8081
Aldrin	ug/Kg	< 2.1		022109	2.105	EPA8081
Heptachlor Epoxide	ug/Kg	< 2.1		022109	2.105	EPA8081
o,p-DDE	ug/Kg	< 2.1		022109	2.105	EPA8081
Dieldrin	ug/Kg	< 2.1		022109	2.105	EPA8081
Endrin	ug/Kg	< 2.1		022109	2.105	EPA8081
o,p-DDD	ug/Kg	< 2.1		022109	2.105	EPA8081
o,p-DDT	ug/Kg	< 4.2		022109	4.210	EPA8081
Chlordane	ug/Kg	< 8.4		022109	8.421	EPA8081
Toxaphene	ug/Kg	< 42		022109	42.10	EPA8081
Endrin Aldehyde	ug/Kg	< 13		022109	12.63	EPA8081
α BHC	ug/Kg	< 2.1		022109	2.105	EPA8081
β BHC	ug/Kg	< 2.1		022109	2.105	EPA8081
δ BHC	ug/Kg	< 2.1		022109	2.105	EPA8081
Endosulfan 1	ug/Kg	< 4.2		022109	4.210	EPA8081

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2597 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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LAB NO.290531.05 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1500
MATRIX:Soil SAMPLE: SB-09 (9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/Kg	< 4.2		022109	4.210	EPA8081
Endosulfan Sulfate	ug/Kg	< 13		022109	12.63	EPA8081
Aroclor 1016	ug/Kg	< 42		022109	42.10	EPA8082
Aroclor 1221	ug/Kg	< 42		022109	42.10	EPA8082
Aroclor 1232	ug/Kg	< 42		022109	42.10	EPA8082
Aroclor 1242	ug/Kg	< 42		022109	42.10	EPA8082
Aroclor 1248	ug/Kg	< 42		022109	42.10	EPA8082
Aroclor 1254	ug/Kg	< 42		022109	42.10	EPA8082
Aroclor 1260	ug/Kg	< 42		022109	42.10	EPA8082

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2598 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.290531.05 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1500
MATRIX:Soil SAMPLE: SB-09 (9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Antimony as Sb	mg/Kg	< 1.1		021809	1.052	EPA6010B
Arsenic as As	mg/Kg	< 1.1		021809	1.052	EPA6010B
Beryllium as Be	mg/Kg	0.17		021809	0.105	EPA6010B
Cadmium as Cd	mg/Kg	< 0.53		021809	0.526	EPA6010B
Chromium as Cr	mg/Kg	10		021809	0.526	EPA6010B
Copper as Cu	mg/Kg	7.7		021809	1.052	EPA6010B
Lead as Pb	mg/Kg	4.5		021809	0.526	EPA6010B
Mercury as Hg	mg/Kg	0.012		022509	0.005	EPA7471A
Nickel as Ni	mg/Kg	12		021809	1.052	EPA6010B
Selenium as Se	mg/Kg	< 1.1		021809	1.052	EPA6010B
Silver as Ag	mg/Kg	< 0.53		021809	0.526	EPA6010B
Thallium as Tl	mg/Kg	< 1.1		021809	1.052	EPA6010B
Zinc as Zn	mg/Kg	20		021809	1.052	EPA6010B

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2599 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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LAB NO.290531.06 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1530
MATRIX:Soil SAMPLE: SB-13 (8-9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chloromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Vinyl Chloride	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromomethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.6		021809	5.617	EPA8260
Methylene Chloride	ug/Kg	< 5.6		021809	5.617	EPA8260
t-1,2-Dichloroethene	ug/Kg	< 5.6		021809	5.617	EPA8260
1,1 Dichloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
c-1,2-Dichloroethene	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromochloromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chloroform	ug/Kg	< 5.6		021809	5.617	EPA8260
1,1,1 Trichloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.6		021809	5.617	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.6		021809	5.617	EPA8260
Benzene	ug/Kg	< 5.6		021809	5.617	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Trichloroethene	ug/Kg	< 5.6		021809	5.617	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
Dibromomethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromodichloromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
c-1,3Dichloropropene	ug/Kg	< 5.6		021809	5.617	EPA8260
Toluene	ug/Kg	< 5.6		021809	5.617	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2600 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.290531.06 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1530
MATRIX:Soil SAMPLE: SB-13 (8-9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/Kg	< 5.6		021809	5.617	EPA8260
112 Trichloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Tetrachloroethene	ug/Kg	22		021809	5.617	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chlorodibromomethane	ug/Kg	< 5.6		021809	5.617	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.6		021809	5.617	EPA8260
Chlorobenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
Ethyl Benzene	ug/Kg	< 5.6		021809	5.617	EPA8260
1112Tetrachloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
m + p Xylene	ug/Kg	< 11		021809	11.23	EPA8260
o Xylene	ug/Kg	< 5.6		021809	5.617	EPA8260
Styrene	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromoform	ug/Kg	< 5.6		021809	5.617	EPA8260
Isopropylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
Bromobenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
1122Tetrachloroethane	ug/Kg	< 5.6		021809	5.617	EPA8260
123-Trichloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
n-Propylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
2-Chlorotoluene	ug/Kg	< 5.6		021809	5.617	EPA8260
135-Trimethylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
4-Chlorotoluene	ug/Kg	< 5.6		021809	5.617	EPA8260
tert-Butylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
124-Trimethylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
sec-Butylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
p-Isopropyltoluene	ug/Kg	< 5.6		021809	5.617	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2601 NYSDOH ID # 10320 Page 2 of 3

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.06 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1530
MATRIX:Soil SAMPLE: SB-13 (8-9')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,3 Dichlorobenzene (v)	ug/Kg	< 5.6		021809	5.617	EPA8260
,4 Dichlorobenzene (v)	ug/Kg	< 5.6		021809	5.617	EPA8260
-Butylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
,2 Dichlorobenzene (v)	ug/Kg	< 5.6		021809	5.617	EPA8260
)ibromochloropropane	ug/Kg	< 5.6		021809	5.617	EPA8260
.24-Trichlorobenzene (v)	ug/Kg	< 5.6		021809	5.617	EPA8260
lexachlorobutadiene	ug/Kg	< 5.6		021809	5.617	EPA8260
laphthalene(v)	ug/Kg	< 5.6		021809	5.617	EPA8260
.23-Trichlorobenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
:er.ButylMethylEther	ug/Kg	< 5.6		021809	5.617	EPA8260
)-Ethyltoluene	ug/Kg	< 5.6		021809	5.617	EPA8260
'reon 113	ug/Kg	< 5.6		021809	5.617	EPA8260
.245 Tetramethylbenz	ug/Kg	< 5.6		021809	5.617	EPA8260
.cetone	ug/Kg	< 56		021809	56.17	EPA8260
lethyl Ethyl Ketone	ug/Kg	< 56		021809	56.17	EPA8260
lethylisobutylketone	ug/Kg	< 56		021809	56.17	EPA8260
:hlorodifluoromethane	ug/Kg	< 5.6		021809	5.617	EPA8260
) Diethylbenzene	ug/Kg	< 5.6		021809	5.617	EPA8260
; Solids		89		021309	0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2602 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.07 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1600
MATRIX:Soil SAMPLE: SB-8 (1')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Chloromethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Vinyl Chloride	ug/Kg	< 5.2		021809	5.154	EPA8260
Bromomethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Chloroethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.2		021809	5.154	EPA8260
,1 Dichloroethene	ug/Kg	< 5.2		021809	5.154	EPA8260
Methylene Chloride	ug/Kg	< 5.2		021809	5.154	EPA8260
-1,2-Dichloroethene	ug/Kg	< 5.2		021809	5.154	EPA8260
,1 Dichloroethane	ug/Kg	< 5.2		021809	5.154	EPA8260
,2-Dichloropropane	ug/Kg	< 5.2		021809	5.154	EPA8260
-1,2-Dichloroethene	ug/Kg	< 5.2		021809	5.154	EPA8260
Bromochloromethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Chloroform	ug/Kg	< 5.2		021809	5.154	EPA8260
11 Trichloroethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.2		021809	5.154	EPA8260
,1-Dichloropropene	ug/Kg	< 5.2		021809	5.154	EPA8260
Benzene	ug/Kg	< 5.2		021809	5.154	EPA8260
,2 Dichloroethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Trichloroethene	ug/Kg	< 5.2		021809	5.154	EPA8260
,2 Dichloropropane	ug/Kg	< 5.2		021809	5.154	EPA8260
Dibromomethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Bromodichloromethane	ug/Kg	< 5.2		021809	5.154	EPA8260
-1,3Dichloropropene	ug/Kg	< 5.2		021809	5.154	EPA8260
Toluene	ug/Kg	< 5.2		021809	5.154	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2603 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.290531.07 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1600
MATRIX:Soil SAMPLE: SB-8 (1')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
:-1,3Dichloropropene	ug/Kg	< 5.2		021809	5.154	EPA8260
:12 Trichloroethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Tetrachloroethene	ug/Kg	< 5.2		021809	5.154	EPA8260
,3-Dichloropropane	ug/Kg	< 5.2		021809	5.154	EPA8260
Chlorodibromomethane	ug/Kg	< 5.2		021809	5.154	EPA8260
,2 Dibromoethane	ug/Kg	< 5.2		021809	5.154	EPA8260
Chlorobenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
Ethyl Benzene	ug/Kg	< 5.2		021809	5.154	EPA8260
.112Tetrachloroethane	ug/Kg	< 5.2		021809	5.154	EPA8260
+ p Xylene	ug/Kg	< 10		021809	10.30	EPA8260
Xylene	ug/Kg	< 5.2		021809	5.154	EPA8260
Styrene	ug/Kg	< 5.2		021809	5.154	EPA8260
Bromoform	ug/Kg	< 5.2		021809	5.154	EPA8260
Isopropylbenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
Bromobenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
.122Tetrachloroethane	ug/Kg	< 5.2		021809	5.154	EPA8260
.23-Trichloropropane	ug/Kg	< 5.2		021809	5.154	EPA8260
-Propylbenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
-Chlorotoluene	ug/Kg	< 5.2		021809	5.154	EPA8260
.35-Trimethylbenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
-Chlorotoluene	ug/Kg	< 5.2		021809	5.154	EPA8260
ert-Butylbenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
.24-Trimethylbenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
ec-Butylbenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
-Isopropyltoluene	ug/Kg	< 5.2		021809	5.154	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2604 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.07 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1600
MATRIX:Soil SAMPLE: SB-8 (1')

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.2		021809	5.154	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.2		021809	5.154	EPA8260
n-Butylbenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.2		021809	5.154	EPA8260
Dibromochloropropane	ug/Kg	< 5.2		021809	5.154	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 5.2		021809	5.154	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.2		021809	5.154	EPA8260
Naphthalene(v)	ug/Kg	< 5.2		021809	5.154	EPA8260
123-Trichlorobenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
ter.ButylMethylEther	ug/Kg	< 5.2		021809	5.154	EPA8260
p-Ethyltoluene	ug/Kg	< 5.2		021809	5.154	EPA8260
Freon 113	ug/Kg	< 5.2		021809	5.154	EPA8260
1245 Tetramethylbenz	ug/Kg	< 5.2		021809	5.154	EPA8260
Acetone	ug/Kg	< 52		021809	51.54	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 52		021809	51.54	EPA8260
Methylisobutylketone	ug/Kg	< 52		021809	51.54	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.2		021809	5.154	EPA8260
p Diethylbenzene	ug/Kg	< 5.2		021809	5.154	EPA8260
% Solids		97		021309	0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2605 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.08 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1600
MATRIX:Soil SAMPLE: SB-8 (1') MS

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	25		021809	5.376	EPA8260
Chloromethane	ug/Kg	23		021809	5.376	EPA8260
Vinyl Chloride	ug/Kg	25		021809	5.376	EPA8260
Bromomethane	ug/Kg	22		021809	5.376	EPA8260
Chloroethane	ug/Kg	23		021809	5.376	EPA8260
Trichlorofluoromethane	ug/Kg	26		021809	5.376	EPA8260
1,1 Dichloroethene	ug/Kg	25		021809	5.376	EPA8260
Methylene Chloride	ug/Kg	23		021809	5.376	EPA8260
c-1,2-Dichloroethene	ug/Kg	25		021809	5.376	EPA8260
1,1 Dichloroethane	ug/Kg	25		021809	5.376	EPA8260
2,2-Dichloropropane	ug/Kg	26		021809	5.376	EPA8260
c-1,2-Dichloroethene	ug/Kg	24		021809	5.376	EPA8260
Bromochloromethane	ug/Kg	24		021809	5.376	EPA8260
Chloroform	ug/Kg	24		021809	5.376	EPA8260
111 Trichloroethane	ug/Kg	26		021809	5.376	EPA8260
Carbon Tetrachloride	ug/Kg	27		021809	5.376	EPA8260
1,1-Dichloropropene	ug/Kg	25		021809	5.376	EPA8260
Benzene	ug/Kg	24		021809	5.376	EPA8260
1,2 Dichloroethane	ug/Kg	22		021809	5.376	EPA8260
Trichloroethene	ug/Kg	24		021809	5.376	EPA8260
1,2 Dichloropropane	ug/Kg	22		021809	5.376	EPA8260
Dibromomethane	ug/Kg	23		021809	5.376	EPA8260
Bromodichloromethane	ug/Kg	24		021809	5.376	EPA8260
c-1,3Dichloropropene	ug/Kg	23		021809	5.376	EPA8260
Toluene	ug/Kg	24		021809	5.376	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 2606 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.08 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1600
MATRIX:Soil SAMPLE: SB-8 (1') MS

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/Kg	23		021809	5.376	EPA8260
112 Trichloroethane	ug/Kg	23		021809	5.376	EPA8260
Tetrachloroethene	ug/Kg	26		021809	5.376	EPA8260
1,3-Dichloropropane	ug/Kg	22		021809	5.376	EPA8260
Chlorodibromomethane	ug/Kg	23		021809	5.376	EPA8260
1,2 Dibromoethane	ug/Kg	23		021809	5.376	EPA8260
Chlorobenzene	ug/Kg	23		021809	5.376	EPA8260
Ethyl Benzene	ug/Kg	24		021809	5.376	EPA8260
1112Tetrachloroethane	ug/Kg	23		021809	5.376	EPA8260
m + p Xylene	ug/Kg	46		021809	10.75	EPA8260
o Xylene	ug/Kg	24		021809	5.376	EPA8260
Styrene	ug/Kg	22		021809	5.376	EPA8260
Bromoform	ug/Kg	23		021809	5.376	EPA8260
Isopropylbenzene	ug/Kg	25		021809	5.376	EPA8260
Bromobenzene	ug/Kg	23		021809	5.376	EPA8260
1122Tetrachloroethane	ug/Kg	24		021809	5.376	EPA8260
123-Trichloropropane	ug/Kg	24		021809	5.376	EPA8260
n-Propylbenzene	ug/Kg	25		021809	5.376	EPA8260
2-Chlorotoluene	ug/Kg	24		021809	5.376	EPA8260
135-Trimethylbenzene	ug/Kg	25		021809	5.376	EPA8260
4-Chlorotoluene	ug/Kg	24		021809	5.376	EPA8260
tert-Butylbenzene	ug/Kg	25		021809	5.376	EPA8260
124-Trimethylbenzene	ug/Kg	24		021809	5.376	EPA8260
sec-Butylbenzene	ug/Kg	25		021809	5.376	EPA8260
p-Isopropyltoluene	ug/Kg	25		021809	5.376	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 2607 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.08 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1600
MATRIX:Soil SAMPLE: SB-8 (1') MS

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,3 Dichlorobenzene (v)	ug/Kg	22		021809	5.3763	EPA8260
,4 Dichlorobenzene (v)	ug/Kg	23		021809	5.3763	EPA8260
-Butylbenzene	ug/Kg	24		021809	5.3763	EPA8260
,2 Dichlorobenzene (v)	ug/Kg	22		021809	5.3763	EPA8260
ibromochloropropane	ug/Kg	22		021809	5.3763	EPA8260
24-Trichlorobenzene (v)	ug/Kg	19		021809	5.3763	EPA8260
lexachlorobutadiene	ug/Kg	22		021809	5.3763	EPA8260
laphthalene(v)	ug/Kg	19		021809	5.3763	EPA8260
23-Trichlorobenzene	ug/Kg	19		021809	5.3763	EPA8260
er.ButylMethylEther	ug/Kg	25		021809	5.3763	EPA8260
-Ethyltoluene	ug/Kg	27		021809	5.3763	EPA8260
reon 113	ug/Kg	28		021809	5.3763	EPA8260
245 Tetramethylbenz	ug/Kg	26		021809	5.3763	EPA8260
cetone	ug/Kg	120		021809	53.763	EPA8260
lethyl Ethyl Ketone	ug/Kg	120		021809	53.763	EPA8260
lethylisobutylketone	ug/Kg	120		021809	53.763	EPA8260
hlorodifluoromethane	ug/Kg	31		021809	5.3763	EPA8260
Diethylbenzene	ug/Kg	26		021809	5.3763	EPA8260
Solids		93		021309	0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 2608 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.09 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1600
MATRIX:Soil SAMPLE: SB-8 (1') MSD

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/Kg	23		021809	5.263	EPA8260
Chloromethane	ug/Kg	20		021809	5.263	EPA8260
Vinyl Chloride	ug/Kg	23		021809	5.263	EPA8260
Bromomethane	ug/Kg	22		021809	5.263	EPA8260
Chloroethane	ug/Kg	21		021809	5.263	EPA8260
Trichlorofluoromethane	ug/Kg	24		021809	5.263	EPA8260
,1 Dichloroethene	ug/Kg	25		021809	5.263	EPA8260
Methylene Chloride	ug/Kg	22		021809	5.263	EPA8260
-1,2-Dichloroethene	ug/Kg	23		021809	5.263	EPA8260
,1 Dichloroethane	ug/Kg	24		021809	5.263	EPA8260
,2-Dichloropropane	ug/Kg	25		021809	5.263	EPA8260
-1,2-Dichloroethene	ug/Kg	23		021809	5.263	EPA8260
Bromochloromethane	ug/Kg	24		021809	5.263	EPA8260
Chloroform	ug/Kg	23		021809	5.263	EPA8260
11 Trichloroethane	ug/Kg	25		021809	5.263	EPA8260
Carbon Tetrachloride	ug/Kg	26		021809	5.263	EPA8260
,1-Dichloropropene	ug/Kg	24		021809	5.263	EPA8260
Benzene	ug/Kg	23		021809	5.263	EPA8260
,2 Dichloroethane	ug/Kg	23		021809	5.263	EPA8260
Trichloroethene	ug/Kg	23		021809	5.263	EPA8260
,2 Dichloropropane	ug/Kg	23		021809	5.263	EPA8260
Dibromomethane	ug/Kg	22		021809	5.263	EPA8260
Bromodichloromethane	ug/Kg	23		021809	5.263	EPA8260
-1,3Dichloropropene	ug/Kg	23		021809	5.263	EPA8260
Toluene	ug/Kg	23		021809	5.263	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 2609 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.09 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1600
MATRIX:Soil SAMPLE: SB-8 (1') MSD

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
:-1,3Dichloropropene	ug/Kg	23		021809	5.263	EPA8260
.12 Trichloroethane	ug/Kg	23		021809	5.263	EPA8260
Tetrachloroethene	ug/Kg	25		021809	5.263	EPA8260
.,3-Dichloropropane	ug/Kg	22		021809	5.263	EPA8260
Chlorodibromomethane	ug/Kg	22		021809	5.263	EPA8260
.,2 Dibromoethane	ug/Kg	22		021809	5.263	EPA8260
Chlorobenzene	ug/Kg	22		021809	5.263	EPA8260
Ethyl Benzene	ug/Kg	23		021809	5.263	EPA8260
.112Tetrachloroethane	ug/Kg	23		021809	5.263	EPA8260
ı + p Xylene	ug/Kg	45		021809	10.52	EPA8260
ı Xylene	ug/Kg	23		021809	5.263	EPA8260
Styrene	ug/Kg	22		021809	5.263	EPA8260
Bromoform	ug/Kg	22		021809	5.263	EPA8260
Isopropylbenzene	ug/Kg	24		021809	5.263	EPA8260
Bromobenzene	ug/Kg	22		021809	5.263	EPA8260
.122Tetrachloroethane	ug/Kg	22		021809	5.263	EPA8260
.23-Trichloropropane	ug/Kg	24		021809	5.263	EPA8260
ı-Propylbenzene	ug/Kg	24		021809	5.263	EPA8260
:-Chlorotoluene	ug/Kg	23		021809	5.263	EPA8260
.35-Trimethylbenzene	ug/Kg	23		021809	5.263	EPA8260
.-Chlorotoluene	ug/Kg	23		021809	5.263	EPA8260
ert-Butylbenzene	ug/Kg	23		021809	5.263	EPA8260
24-Trimethylbenzene	ug/Kg	23		021809	5.263	EPA8260
ec-Butylbenzene	ug/Kg	24		021809	5.263	EPA8260
ı-Isopropyltoluene	ug/Kg	23		021809	5.263	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 2610 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.09 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1600
MATRIX:Soil SAMPLE: SB-8 (1') MSD

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	22		021809	5.263	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	22		021809	5.263	EPA8260
n-Butylbenzene	ug/Kg	22		021809	5.263	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	21		021809	5.263	EPA8260
Dibromochloropropane	ug/Kg	22		021809	5.263	EPA8260
124-Trichlorobenzene (v)	ug/Kg	19		021809	5.263	EPA8260
Hexachlorobutadiene	ug/Kg	20		021809	5.263	EPA8260
Naphthalene(v)	ug/Kg	19		021809	5.263	EPA8260
123-Trichlorobenzene	ug/Kg	18		021809	5.263	EPA8260
ter.ButylMethylEther	ug/Kg	24		021809	5.263	EPA8260
p-Ethyltoluene	ug/Kg	26		021809	5.263	EPA8260
Freon 113	ug/Kg	28		021809	5.263	EPA8260
1245 Tetramethylbenz	ug/Kg	25		021809	5.263	EPA8260
Acetone	ug/Kg	110		021809	52.63	EPA8260
Methyl Ethyl Ketone	ug/Kg	110		021809	52.63	EPA8260
Methylisobutylketone	ug/Kg	120		021809	52.63	EPA8260
Chlorodifluoromethane	ug/Kg	30		021809	5.263	EPA8260
p Diethylbenzene	ug/Kg	25		021809	5.263	EPA8260
% Solids		95		021309	0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 2611 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.10 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		021409	1	EPA8260
Chloromethane	ug/L	< 1		021409	1	EPA8260
Vinyl Chloride	ug/L	< 1		021409	1	EPA8260
Bromomethane	ug/L	< 1		021409	1	EPA8260
Chloroethane	ug/L	< 1		021409	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		021409	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		021409	1	EPA8260
Methylene Chloride	ug/L	< 1		021409	1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1		021409	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		021409	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		021409	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		021409	1	EPA8260
Bromochloromethane	ug/L	< 1		021409	1	EPA8260
Chloroform	ug/L	< 1		021409	1	EPA8260
111 Trichloroethane	ug/L	< 1		021409	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		021409	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		021409	1	EPA8260
Benzene	ug/L	< 1		021409	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		021409	1	EPA8260
Trichloroethene	ug/L	< 1		021409	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		021409	1	EPA8260
Dibromomethane	ug/L	< 1		021409	1	EPA8260
Bromodichloromethane	ug/L	< 1		021409	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		021409	1	EPA8260
Toluene	ug/L	< 1		021409	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2612 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.10 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000

MATRIX:Water SAMPLE: TW-15

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
:-1,3Dichloropropene	ug/L	< 1		021409	1	EPA8260
112 Trichloroethane	ug/L	< 1		021409	1	EPA8260
Tetrachloroethene	ug/L	33		021409	1	EPA8260
,3-Dichloropropane	ug/L	< 1		021409	1	EPA8260
Chlorodibromomethane	ug/L	< 1		021409	1	EPA8260
.2 Dibromoethane	ug/L	< 1		021409	1	EPA8260
Chlorobenzene	ug/L	< 1		021409	1	EPA8260
Ethyl Benzene	ug/L	< 1		021409	1	EPA8260
112Tetrachloroethane	ug/L	< 1		021409	1	EPA8260
+ p Xylene	ug/L	< 2		021409	2	EPA8260
Xylene	ug/L	< 1		021409	1	EPA8260
Styrene	ug/L	< 1		021409	1	EPA8260
Bromoform	ug/L	< 1		021409	1	EPA8260
Isopropylbenzene	ug/L	< 1		021409	1	EPA8260
Bromobenzene	ug/L	< 1		021409	1	EPA8260
122Tetrachloroethane	ug/L	< 1		021409	1	EPA8260
23-Trichloropropane	ug/L	< 1		021409	1	EPA8260
-Propylbenzene	ug/L	< 1		021409	1	EPA8260
-Chlorotoluene	ug/L	< 1		021409	1	EPA8260
35-Trimethylbenzene	ug/L	< 1		021409	1	EPA8260
-Chlorotoluene	ug/L	< 1		021409	1	EPA8260
ert-Butylbenzene	ug/L	< 1		021409	1	EPA8260
24-Trimethylbenzene	ug/L	< 1		021409	1	EPA8260
ec-Butylbenzene	ug/L	< 1		021409	1	EPA8260
-Isopropyltoluene	ug/L	< 1		021409	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2613 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.10 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000

MATRIX:Water SAMPLE: TW-15

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,3 Dichlorobenzene (v)	ug/L	< 1		021409	1	EPA8260
,4 Dichlorobenzene (v)	ug/L	< 1		021409	1	EPA8260
-Butylbenzene	ug/L	< 1		021409	1	EPA8260
,2 Dichlorobenzene (v)	ug/L	< 1		021409	1	EPA8260
)ibromochloropropane	ug/L	< 1		021409	1	EPA8260
24-Trichlorobenzene (v)	ug/L	< 1		021409	1	EPA8260
lexachlorobutadiene	ug/L	< 1		021409	1	EPA8260
laphthalene(v)	ug/L	< 1		021409	1	EPA8260
.23-Trichlorobenzene	ug/L	< 1		021409	1	EPA8260
:er.ButylMethylEther	ug/L	< 1		021409	1	EPA8260
)-Ethyltoluene	ug/L	< 1		021409	1	EPA8260
'reon 113	ug/L	< 1		021409	1	EPA8260
.245 Tetramethylbenz	ug/L	< 1		021409	1	EPA8260
ıcetone	ug/L	< 10		021409	10	EPA8260
lethyl Ethyl Ketone	ug/L	< 10		021409	10	EPA8260
lethylisobutylketone	ug/L	< 10		021409	10	EPA8260
:hlorodifluoromethane	ug/L	< 1		021409	1	EPA8260
) Diethylbenzene	ug/L	< 1		021409	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2614 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.10 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
N-Nitrosodimethylamine	ug/L	< 1		021809	1	EPA8270
Bis(2-chloroethyl)ether	ug/L	< 1		021809	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		021809	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		021809	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		021809	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		021809	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		021809	1	EPA8270
Hexachloroethane	ug/L	< 1		021809	1	EPA8270
Nitrobenzene	ug/L	< 1		021809	1	EPA8270
Isophorone	ug/L	< 1		021809	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		021809	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		021809	1	EPA8270
Naphthalene(sv)	ug/L	< 1		021809	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		021809	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		021809	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		021809	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		021809	1	EPA8270
Acenaphthylene	ug/L	< 1		021809	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		021809	1	EPA8270
Acenaphthene	ug/L	< 1		021809	1	EPA8270
2,4-Dinitrotoluene	ug/L	< 1		021809	1	EPA8270
Diethyl Phthalate	ug/L	< 1		021809	1	EPA8270
Fluorene	ug/L	< 1		021809	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		021809	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		021809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2615 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.10 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Azobenzene	ug/L	< 1	*	021809	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		021809	1	EPA8270
Hexachlorobenzene	ug/L	< 1		021809	1	EPA8270
Phenanthrene	ug/L	< 1		021809	1	EPA8270
Anthracene	ug/L	< 1		021809	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		021809	1	EPA8270
Fluoranthene	ug/L	< 1		021809	1	EPA8270
Benzidine	ug/L	< 10	#	021809	10	EPA8270
Pyrene	ug/L	< 1		021809	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		021809	1	EPA8270
Benzo(a)anthracene	ug/L	< 1		021809	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		021809	10	EPA8270
Chrysene	ug/L	< 1		021809	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	< 1		021809	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		021809	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		021809	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		021809	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		021809	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		021809	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		021809	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		021809	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Includes 1,2 Diphenylhydrazine as Azobenzene.
#No recovery for Benzidine in MS/MSD/LCS.

DIRECTOR

rn = 2616 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.10 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		021809	1	EPA8270
2-Chlorophenol	ug/L	< 1		021809	1	EPA8270
2-Nitrophenol	ug/L	< 1		021809	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1	$	021809	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		021809	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		021809	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		021809	1	EPA8270
4-Nitrophenol	ug/L	< 10		021809	10	EPA8270
2,4-Dinitrophenol	ug/L	< 10		021809	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		021809	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		021809	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: $Recovery for 2,4 Dimethylphenol was above limit (41 vs 37).

DIRECTOR

rn = 2617 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.10 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		022109	0.05	EPA608
Heptachlor	ug/L	< 0.05		022109	0.05	EPA608
Aldrin	ug/L	< 0.05		022109	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		022109	0.05	EPA608
o,p-DDE	ug/L	< 0.05		022109	0.05	EPA608
Dieldrin	ug/L	< 0.05		022109	0.05	EPA608
Endrin	ug/L	< 0.05		022109	0.05	EPA608
o,p-DDD	ug/L	< 0.05		022109	0.05	EPA608
o,p-DDT	ug/L	< 0.1		022109	0.1	EPA608
Chlordane	ug/L	< 0.2		022109	0.2	EPA608
Toxaphene	ug/L	< 1		022109	1	EPA608
Endrin Aldehyde	ug/L	< 0.3		022109	0.3	EPA608
α BHC	ug/L	< 0.05		022109	0.05	EPA608
β BHC	ug/L	< 0.05		022109	0.05	EPA608
δ BHC	ug/L	< 0.05		022109	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		022109	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2618 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.10 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		022109	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		022109	0.3	EPA608
Aroclor 1016	ug/L	< 1		022109	1	EPA608
Aroclor 1221	ug/L	< 1		022109	1	EPA608
Aroclor 1232	ug/L	< 1		022109	1	EPA608
Aroclor 1242	ug/L	< 1		022109	1	EPA608
Aroclor 1248	ug/L	< 1		022109	1	EPA608
Aroclor 1254	ug/L	< 1		022109	1	EPA608
Aroclor 1260	ug/L	< 1		022109	1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2619 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.10 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000

MATRIX:Water SAMPLE: TW-15

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Antimony as Sb	mg/L	< 0.005		021809	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		021809	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		021809	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		021809	0.005	EPA200.7
Chromium as Cr	mg/L	< 0.005		021809	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		021809	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		021809	0.005	EPA200.7
Mercury as Hg	mg/L	< 0.00025		022509	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		021809	0.01	EPA200.7
Selenium as Se	mg/L	< 0.01		021809	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		021809	0.005	EPA200.7
Thallium as Tl	mg/L	< 0.005		021809	0.005	EPA200.7
Zinc as Zn	mg/L	< 0.01		021809	0.01	EPA200.7
Sulfate as SO4	mg/L	12		021809	5	ASD51602
Nitrate as N	mg/L	2.4		021709	0.5	EPA353.2
COD	mg/L	130		021309 1500	40	EPA410.4
BOD5	mg/L	< 2		021209 1700	2	5210B

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2620 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.11 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15 Filtered

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Antimony as Sb	mg/L	< 0.005	*	021809	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005	*	021809	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001	*	021809	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005	*	021809	0.005	EPA200.7
Chromium as Cr	mg/L	< 0.005	*	021809	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01	*	021809	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005	*	021809	0.005	EPA200.7
Mercury as Hg	mg/L	< 0.00025	*	022509	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01	*	021809	0.01	EPA200.7
Selenium as Se	mg/L	< 0.01	*	021809	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005	*	021809	0.005	EPA200.7
Thallium as Tl	mg/L	< 0.005	*	021809	0.005	EPA200.7
Zinc as Zn	mg/L	< 0.01	*#	021809	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: * Sample was filtered by Lab.
Sample was blank corrected for Zinc.

DIRECTOR

rn = 2621 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.12 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15 Dup

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		021409	1	EPA8260
Chloromethane	ug/L	< 1		021409	1	EPA8260
Vinyl Chloride	ug/L	< 1		021409	1	EPA8260
Bromomethane	ug/L	< 1		021409	1	EPA8260
Chloroethane	ug/L	< 1		021409	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		021409	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		021409	1	EPA8260
Methylene Chloride	ug/L	< 1		021409	1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1		021409	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		021409	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		021409	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		021409	1	EPA8260
Bromochloromethane	ug/L	< 1		021409	1	EPA8260
Chloroform	ug/L	< 1		021409	1	EPA8260
111 Trichloroethane	ug/L	< 1		021409	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		021409	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		021409	1	EPA8260
Benzene	ug/L	< 1		021409	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		021409	1	EPA8260
Trichloroethene	ug/L	< 1		021409	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		021409	1	EPA8260
Dibromomethane	ug/L	< 1		021409	1	EPA8260
Bromodichloromethane	ug/L	< 1		021409	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		021409	1	EPA8260
Toluene	ug/L	< 1		021409	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2622 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.12 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15 Dup

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		021409	1	EPA8260
112 Trichloroethane	ug/L	< 1		021409	1	EPA8260
Tetrachloroethene	ug/L	34		021409	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		021409	1	EPA8260
Chlorodibromomethane	ug/L	< 1		021409	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		021409	1	EPA8260
Chlorobenzene	ug/L	< 1		021409	1	EPA8260
Ethyl Benzene	ug/L	< 1		021409	1	EPA8260
1112Tetrachloroethane	ug/L	< 1		021409	1	EPA8260
m + p Xylene	ug/L	< 2		021409	2	EPA8260
o Xylene	ug/L	< 1		021409	1	EPA8260
Styrene	ug/L	< 1		021409	1	EPA8260
Bromoform	ug/L	< 1		021409	1	EPA8260
Isopropylbenzene	ug/L	< 1		021409	1	EPA8260
Bromobenzene	ug/L	< 1		021409	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		021409	1	EPA8260
123-Trichloropropane	ug/L	< 1		021409	1	EPA8260
n-Propylbenzene	ug/L	< 1		021409	1	EPA8260
2-Chlorotoluene	ug/L	< 1		021409	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		021409	1	EPA8260
4-Chlorotoluene	ug/L	< 1		021409	1	EPA8260
tert-Butylbenzene	ug/L	< 1		021409	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		021409	1	EPA8260
sec-Butylbenzene	ug/L	< 1		021409	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		021409	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2623 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290531.12 03/04/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: PWNY-5621
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/10/09 RECEIVED:02/11/09
TIME COL'D:1000
MATRIX:Water SAMPLE: TW-15 Dup

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,3 Dichlorobenzene (v)	ug/L	< 1		021409	1	EPA8260
,4 Dichlorobenzene (v)	ug/L	< 1		021409	1	EPA8260
-Butylbenzene	ug/L	< 1		021409	1	EPA8260
,2 Dichlorobenzene (v)	ug/L	< 1		021409	1	EPA8260
ibromochloropropane	ug/L	< 1		021409	1	EPA8260
24-Trichlorobenzene (v)	ug/L	< 1		021409	1	EPA8260
lexachlorobutadiene	ug/L	< 1		021409	1	EPA8260
laphthalene(v)	ug/L	< 1		021409	1	EPA8260
23-Trichlorobenzene	ug/L	< 1		021409	1	EPA8260
er.ButylMethylEther	ug/L	< 1		021409	1	EPA8260
-Ethyltoluene	ug/L	< 1		021409	1	EPA8260
reon 113	ug/L	< 1		021409	1	EPA8260
245 Tetramethylbenz	ug/L	< 1		021409	1	EPA8260
cetone	ug/L	< 10		021409	10	EPA8260
lethyl Ethyl Ketone	ug/L	< 10		021409	10	EPA8260
lethylisobutylketone	ug/L	< 10		021409	10	EPA8260
hlorodifluoromethane	ug/L	< 1		021409	1	EPA8260
Diethylbenzene	ug/L	< 1		021409	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 2624 NYSDOH ID # 10320 Page 3 of 3

Analytical results relate to the samples as received by the laboratory.

H2M LABS, INC.

3012^

EXTERNAL CHAIN OF CUSTODY

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (631) 694-3040 Fax: (631) 420-8436

CLIENT: Advanced Cleanup Technologies | **H2M SDG NO:** ACT003/004

PROJECT NAME/NUMBER: 5621-PWNY

SAMPLERS: (signature)/Client
Steven Walls
Advanced Cleanup Technologies
(631-293-4992

DELIVERABLES: Category B

TURNAROUND TIME: Regular

NOTES:

Project Contact:

Phone Number:

PIS/Quote #

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	ORGANIC: VOA	ORGANIC: BNA	ORGANIC: Pest/PCB	INORG.: Metal	INORG.: CN	LAB I.D. NO.	REMARKS:
2/11	9:00	liquid	TW-14	2	X					0902458-001A	EPA Method 8260
2/11	10:00	liquid	TW-16	2	X					-002	
2/11	12:00	soil	SB-07	1	X					0902459-002A	
2/11	1:00	soil	SB-10	1	X					-003	
2/11	2:00	soil	SB-6	1	X					-001	
2/10	—	liquid	Trip Blank 2/10/09	2	X					-004	
2/11	—	liquid	Trip Blank 2/11/09	2	X					0902458-003A	

Sample Container Description: 40 ml jars/Hcl preserved

ANALYSIS REQUESTED

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/17/09	9:50		2/17/09	9:50
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/17/09	1000		2/17/09	1000 @ 2/17/09
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ___ or Hand Delivered ✓ Airbill# ___
2. Ambient or chilled, Temp 5.2
3. Received in good condition (Y) or N
4. Properly preserved (Y) or N

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

ACT003/S6

WHITE COPY - ORIGINAL | YELLOW COPY - CLIENT | PINK COPY - LABORATORY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TW-14

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT003

Matrix: (soil/water) WATER Lab Sample ID: 0902458-001A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 09\G0342.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	1	J

ACT003 S15

1F

EPA SAMPLE NO.

TW-14

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT003

Matrix: (soil/water) WATER Lab Sample ID: 0902458-001A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 09\G0342.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

ACT003 S16

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TW-16

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT003

Matrix: (soil/water) WATER Lab Sample ID: 0902458-002A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 09\G0341.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	68	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

ACT003 S17

1F

EPA SAMPLE NO.

TW-16

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT003

Matrix: (soil/water) WATER Lab Sample ID: 0902458-002A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 09\G0341.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

ACT003 S18

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-6

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT004

Matrix: (soil/water) SOIL Lab Sample ID: 0902459-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0363.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. 27.9 Date Analyzed: 02/24/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene chloride	8	BJ
67-64-1	Acetone	14	U
75-35-4	1,1-Dichloroethene	14	U
75-15-0	Carbon disulfide	14	U
75-34-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon tetrachloride	14	U
1634-04-4	Methyl tert-butyl ether	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	31	
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

ACT004 S15

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-6

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT004

Matrix: (soil/water) SOIL Lab Sample ID: 0902459-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0363.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. 27.9 Date Analyzed: 02/24/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

ACT004 S16

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-07

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT004

Matrix: (soil/water) SOIL Lab Sample ID: 0902459-002A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0364.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. 8.4 Date Analyzed: 02/24/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloxide	5	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
1634-04-4	Methyl tert-butyl ether	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

ACT004 S17

1F

EPA SAMPLE NO.

SB-07

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT004

Matrix: (soil/water) SOIL Lab Sample ID: 0902459-002A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0364.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. 8.4 Date Analyzed: 02/24/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 1 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	18.94	29	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-10

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT004

Matrix: (soil/water) SOIL Lab Sample ID: 0902459-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0365.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. 15.7 Date Analyzed: 02/24/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	6	BJ
67-64-1	Acetone	12	U
75-35-4	1,1-Dichloroethene	12	U
75-15-0	Carbon disulfide	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon tetrachloride	12	U
1634-04-4	Methyl tert-butyl ether	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

ACT004 S19

1F

EPA SAMPLE NO.

SB-10

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT004

Matrix: (soil/water) SOIL Lab Sample ID: 0902459-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0365.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. 15.7 Date Analyzed: 02/24/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 1 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	18.94	28	J

ACT004 S20

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT003

Matrix: (soil/water) WATER Lab Sample ID: 0902458-003A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 09\G0340.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

ACT003 S19

1F

EPA SAMPLE NO.

TRIP BLANK

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT003

Matrix: (soil/water) WATER Lab Sample ID: 0902458-003A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 09\G0340.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

ACT003 S20

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT004

Matrix: (soil/water) WATER Lab Sample ID: 0902459-004A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 09\G0338.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	2	J
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

ACT004 S21

1F

EPA SAMPLE NO.

TRIP BLANK

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: ACT SAS No.: _____ SDG No.: ACT004

Matrix: (soil/water) WATER Lab Sample ID: 0902459-004A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 09\G0338.D

Level: (low/med) LOW Date Received: 02/17/09

% Moisture: not dec. Date Analyzed: 02/19/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

ACT004 S22

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

18

290921

Client: ACT
Address: 115 Rome St.
Farmingdale NY
Phone: 631-293-4992 FAX: -4986
Person receiving report: Paul Stewart
Sampled by: Steven Walls
Source:
Job No.: 5621-PWNY

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS	Cat. B Deliverables	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
water	3/11	pm	MW-01	2					EPA 8260
	3/11	pm	MW-02	2					
	3/11	pm	MW-03	2					
	3/11	pm	MW-04	2					
	3/11	pm	MW-05	2					
	3/26	pm	Trip Blank	1					

Temp 5.9°C
6

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Steven Walls Representing:	3/12/09 1420	YES NO NA	Chris Lanham Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:	Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.01 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-01

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	TIME LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		031309	1	EPA8260
Chloromethane	ug/L	< 1		031309	1	EPA8260
Vinyl Chloride	ug/L	< 1		031309	1	EPA8260
Bromomethane	ug/L	< 1		031309	1	EPA8260
Chloroethane	ug/L	< 1		031309	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		031309	1	EPA8260
,1 Dichloroethene	ug/L	< 1		031309	1	EPA8260
Methylene Chloride	ug/L	< 1		031309	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
,1 Dichloroethane	ug/L	< 1		031309	1	EPA8260
,2-Dichloropropane	ug/L	< 1		031309	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
Bromochloromethane	ug/L	< 1		031309	1	EPA8260
Chloroform	ug/L	< 1		031309	1	EPA8260
11 Trichloroethane	ug/L	< 1		031309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		031309	1	EPA8260
,1-Dichloropropene	ug/L	< 1		031309	1	EPA8260
Benzene	ug/L	< 1		031309	1	EPA8260
,2 Dichloroethane	ug/L	< 1		031309	1	EPA8260
Trichloroethene	ug/L	< 1		031309	1	EPA8260
,2 Dichloropropane	ug/L	< 1		031309	1	EPA8260
Dibromomethane	ug/L	< 1		031309	1	EPA8260
Bromodichloromethane	ug/L	< 1		031309	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		031309	1	EPA8260
Toluene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4631 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.01 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-01

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
:-1,3Dichloropropene	ug/L	< 1	031309	1	EPA8260
112 Trichloroethane	ug/L	< 1	031309	1	EPA8260
Tetrachloroethene	ug/L	30	031309	1	EPA8260
,3-Dichloropropane	ug/L	< 1	031309	1	EPA8260
Chlorodibromomethane	ug/L	< 1	031309	1	EPA8260
,2 Dibromoethane	ug/L	< 1	031309	1	EPA8260
Chlorobenzene	ug/L	< 1	031309	1	EPA8260
Ethyl Benzene	ug/L	< 1	031309	1	EPA8260
112Tetrachloroethane	ug/L	< 1	031309	1	EPA8260
+ p Xylene	ug/L	< 2	031309	2	EPA8260
Xylene	ug/L	< 1	031309	1	EPA8260
Styrene	ug/L	< 1	031309	1	EPA8260
Bromoform	ug/L	< 1	031309	1	EPA8260
Isopropylbenzene	ug/L	< 1	031309	1	EPA8260
Bromobenzene	ug/L	< 1	031309	1	EPA8260
122Tetrachloroethane	ug/L	< 1	031309	1	EPA8260
23-Trichloropropane	ug/L	< 1	031309	1	EPA8260
-Propylbenzene	ug/L	< 1	031309	1	EPA8260
-Chlorotoluene	ug/L	< 1	031309	1	EPA8260
35-Trimethylbenzene	ug/L	< 1	031309	1	EPA8260
-Chlorotoluene	ug/L	< 1	031309	1	EPA8260
ert-Butylbenzene	ug/L	< 1	031309	1	EPA8260
24-Trimethylbenzene	ug/L	< 1	031309	1	EPA8260
ec-Butylbenzene	ug/L	< 1	031309	1	EPA8260
-Isopropyltoluene	ug/L	< 1	031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4632 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.01 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-01

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
n-Butylbenzene	ug/L	< 1	031309	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
Dibromochloropropane	ug/L	< 1	031309	1	EPA8260
1,2,4-Trichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
Hexachlorobutadiene	ug/L	< 1	031309	1	EPA8260
Naphthalene(v)	ug/L	< 1	031309	1	EPA8260
1,2,3-Trichlorobenzene	ug/L	< 1	031309	1	EPA8260
Ter.ButylMethylEther	ug/L	< 1	031309	1	EPA8260
p-Ethyltoluene	ug/L	< 1	031309	1	EPA8260
Freon 113	ug/L	< 1	031309	1	EPA8260
1,2,4,5 Tetramethylbenz	ug/L	< 1	031309	1	EPA8260
Acetone	ug/L	< 10	031309	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	031309	10	EPA8260
Methylisobutylketone	ug/L	< 10	031309	10	EPA8260
Chlorodifluoromethane	ug/L	< 1	031309	1	EPA8260
p Diethylbenzene	ug/L	< 1	031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4633 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.02 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM

MATRIX:Water SAMPLE: MW-02

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	TIME	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		031309		1	EPA8260
Chloromethane	ug/L	< 1		031309		1	EPA8260
Vinyl Chloride	ug/L	< 1		031309		1	EPA8260
Bromomethane	ug/L	< 1		031309		1	EPA8260
Chloroethane	ug/L	< 1		031309		1	EPA8260
Trichlorofluoromethane	ug/L	< 1		031309		1	EPA8260
,1 Dichloroethene	ug/L	< 1		031309		1	EPA8260
Methylene Chloride	ug/L	< 1		031309		1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309		1	EPA8260
,1 Dichloroethane	ug/L	< 1		031309		1	EPA8260
,2-Dichloropropane	ug/L	< 1		031309		1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309		1	EPA8260
Bromochloromethane	ug/L	< 1		031309		1	EPA8260
Chloroform	ug/L	< 1		031309		1	EPA8260
11 Trichloroethane	ug/L	< 1		031309		1	EPA8260
Carbon Tetrachloride	ug/L	< 1		031309		1	EPA8260
,1-Dichloropropene	ug/L	< 1		031309		1	EPA8260
Benzene	ug/L	< 1		031309		1	EPA8260
,2 Dichloroethane	ug/L	< 1		031309		1	EPA8260
Trichloroethene	ug/L	< 1		031309		1	EPA8260
,2 Dichloropropane	ug/L	< 1		031309		1	EPA8260
Dibromomethane	ug/L	< 1		031309		1	EPA8260
Bromodichloromethane	ug/L	< 1		031309		1	EPA8260
-1,3Dichloropropene	ug/L	< 1		031309		1	EPA8260
Toluene	ug/L	< 1		031309		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4634 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.02 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-02

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
:-1,3Dichloropropene	ug/L	< 1		031309	1	EPA8260
112 Trichloroethane	ug/L	< 1		031309	1	EPA8260
Tetrachloroethene	ug/L	25		031309	1	EPA8260
,3-Dichloropropane	ug/L	< 1		031309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		031309	1	EPA8260
,2 Dibromoethane	ug/L	< 1		031309	1	EPA8260
Chlorobenzene	ug/L	< 1		031309	1	EPA8260
Ethyl Benzene	ug/L	< 1		031309	1	EPA8260
112Tetrachloroethane	ug/L	< 1		031309	1	EPA8260
+ p Xylene	ug/L	< 2		031309	2	EPA8260
Xylene	ug/L	< 1		031309	1	EPA8260
Styrene	ug/L	< 1		031309	1	EPA8260
Bromoform	ug/L	< 1		031309	1	EPA8260
Isopropylbenzene	ug/L	< 1		031309	1	EPA8260
Bromobenzene	ug/L	< 1		031309	1	EPA8260
122Tetrachloroethane	ug/L	< 1		031309	1	EPA8260
23-Trichloropropane	ug/L	< 1		031309	1	EPA8260
-Propylbenzene	ug/L	< 1		031309	1	EPA8260
-Chlorotoluene	ug/L	< 1		031309	1	EPA8260
35-Trimethylbenzene	ug/L	< 1		031309	1	EPA8260
-Chlorotoluene	ug/L	< 1		031309	1	EPA8260
ert-Butylbenzene	ug/L	< 1		031309	1	EPA8260
24-Trimethylbenzene	ug/L	< 1		031309	1	EPA8260
ec-Butylbenzene	ug/L	< 1		031309	1	EPA8260
-Isopropyltoluene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4635 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.02 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-02

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
n-Butylbenzene	ug/L	< 1	031309	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
Dibromochloropropane	ug/L	< 1	031309	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
Hexachlorobutadiene	ug/L	< 1	031309	1	EPA8260
Naphthalene(v)	ug/L	< 1	031309	1	EPA8260
123-Trichlorobenzene	ug/L	< 1	031309	1	EPA8260
ter.ButylMethylEther	ug/L	< 1	031309	1	EPA8260
p-Ethyltoluene	ug/L	< 1	031309	1	EPA8260
Freon 113	ug/L	< 1	031309	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	031309	1	EPA8260
Acetone	ug/L	< 10	031309	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	031309	10	EPA8260
Methylisobutylketone	ug/L	< 10	031309	10	EPA8260
Chlorodifluoromethane	ug/L	< 1	031309	1	EPA8260
p Diethylbenzene	ug/L	< 1	031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4636 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.03 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-03

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		031309	1	EPA8260
Chloromethane	ug/L	< 1		031309	1	EPA8260
Vinyl Chloride	ug/L	< 1		031309	1	EPA8260
Bromomethane	ug/L	< 1		031309	1	EPA8260
Chloroethane	ug/L	< 1		031309	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		031309	1	EPA8260
,1 Dichloroethene	ug/L	< 1		031309	1	EPA8260
Methylene Chloride	ug/L	< 1		031309	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
,1 Dichloroethane	ug/L	< 1		031309	1	EPA8260
,2-Dichloropropane	ug/L	< 1		031309	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
Bromochloromethane	ug/L	< 1		031309	1	EPA8260
Chloroform	ug/L	< 1		031309	1	EPA8260
11 Trichloroethane	ug/L	< 1		031309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		031309	1	EPA8260
,1-Dichloropropene	ug/L	< 1		031309	1	EPA8260
Benzene	ug/L	< 1		031309	1	EPA8260
,2 Dichloroethane	ug/L	< 1		031309	1	EPA8260
Trichloroethene	ug/L	< 1		031309	1	EPA8260
,2 Dichloropropane	ug/L	< 1		031309	1	EPA8260
Dibromomethane	ug/L	< 1		031309	1	EPA8260
Bromodichloromethane	ug/L	< 1		031309	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		031309	1	EPA8260
Toluene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4637 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.03 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-03

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	TIME LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		031309	1	EPA8260
112 Trichloroethane	ug/L	< 1		031309	1	EPA8260
Tetrachloroethene	ug/L	< 1		031309	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		031309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		031309	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		031309	1	EPA8260
Chlorobenzene	ug/L	< 1		031309	1	EPA8260
Ethyl Benzene	ug/L	< 1		031309	1	EPA8260
1112Tetrachloroethane	ug/L	< 1		031309	1	EPA8260
m + p Xylene	ug/L	< 2		031309	2	EPA8260
o Xylene	ug/L	< 1		031309	1	EPA8260
Styrene	ug/L	< 1		031309	1	EPA8260
Bromoform	ug/L	< 1		031309	1	EPA8260
Isopropylbenzene	ug/L	< 1		031309	1	EPA8260
Bromobenzene	ug/L	< 1		031309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		031309	1	EPA8260
123-Trichloropropane	ug/L	< 1		031309	1	EPA8260
n-Propylbenzene	ug/L	< 1		031309	1	EPA8260
2-Chlorotoluene	ug/L	< 1		031309	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		031309	1	EPA8260
4-Chlorotoluene	ug/L	< 1		031309	1	EPA8260
tert-Butylbenzene	ug/L	< 1		031309	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		031309	1	EPA8260
sec-Butylbenzene	ug/L	< 1		031309	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4638 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.03 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-03

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
n-Butylbenzene	ug/L	< 1		031309	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
Dibromochloropropane	ug/L	< 1		031309	1	EPA8260
1,2,4-Trichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		031309	1	EPA8260
Naphthalene(v)	ug/L	< 1		031309	1	EPA8260
1,2,3-Trichlorobenzene	ug/L	< 1		031309	1	EPA8260
Ter.ButylMethylEther	ug/L	< 1		031309	1	EPA8260
p-Ethyltoluene	ug/L	< 1		031309	1	EPA8260
Freon 113	ug/L	< 1		031309	1	EPA8260
1,2,4,5 Tetramethylbenz	ug/L	< 1		031309	1	EPA8260
Acetone	ug/L	< 10		031309	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		031309	10	EPA8260
Methylisobutylketone	ug/L	< 10		031309	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		031309	1	EPA8260
p Diethylbenzene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4639 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.04 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-04

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		031309	1	EPA8260
Chloromethane	ug/L	< 1		031309	1	EPA8260
Vinyl Chloride	ug/L	< 1		031309	1	EPA8260
Bromomethane	ug/L	< 1		031309	1	EPA8260
Chloroethane	ug/L	< 1		031309	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		031309	1	EPA8260
,1 Dichloroethene	ug/L	< 1		031309	1	EPA8260
Methylene Chloride	ug/L	< 1		031309	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
,1 Dichloroethane	ug/L	< 1		031309	1	EPA8260
,2-Dichloropropane	ug/L	< 1		031309	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
Bromochloromethane	ug/L	< 1		031309	1	EPA8260
Chloroform	ug/L	< 1		031309	1	EPA8260
,1,1 Trichloroethane	ug/L	< 1		031309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		031309	1	EPA8260
,1-Dichloropropene	ug/L	< 1		031309	1	EPA8260
Benzene	ug/L	< 1		031309	1	EPA8260
,2 Dichloroethane	ug/L	< 1		031309	1	EPA8260
Trichloroethene	ug/L	< 1		031309	1	EPA8260
,2 Dichloropropane	ug/L	< 1		031309	1	EPA8260
Dibromomethane	ug/L	< 1		031309	1	EPA8260
Bromodichloromethane	ug/L	< 1		031309	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		031309	1	EPA8260
Toluene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4640 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.04 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM

MATRIX:Water SAMPLE: MW-04

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	TIME LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		031309	1	EPA8260
112 Trichloroethane	ug/L	< 1		031309	1	EPA8260
Tetrachloroethene	ug/L	35		031309	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		031309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		031309	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		031309	1	EPA8260
Chlorobenzene	ug/L	< 1		031309	1	EPA8260
Ethyl Benzene	ug/L	< 1		031309	1	EPA8260
1112Tetrachloroethane	ug/L	< 1		031309	1	EPA8260
m + p Xylene	ug/L	< 2		031309	2	EPA8260
o Xylene	ug/L	< 1		031309	1	EPA8260
Styrene	ug/L	< 1		031309	1	EPA8260
Bromoform	ug/L	< 1		031309	1	EPA8260
Isopropylbenzene	ug/L	< 1		031309	1	EPA8260
Bromobenzene	ug/L	< 1		031309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		031309	1	EPA8260
123-Trichloropropane	ug/L	< 1		031309	1	EPA8260
n-Propylbenzene	ug/L	< 1		031309	1	EPA8260
2-Chlorotoluene	ug/L	< 1		031309	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		031309	1	EPA8260
4-Chlorotoluene	ug/L	< 1		031309	1	EPA8260
tert-Butylbenzene	ug/L	< 1		031309	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		031309	1	EPA8260
sec-Butylbenzene	ug/L	< 1		031309	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4641 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.04 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-04

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
n-Butylbenzene	ug/L	< 1		031309	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
Dibromochloropropane	ug/L	< 1		031309	1	EPA8260
1,2,4-Trichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		031309	1	EPA8260
Naphthalene(v)	ug/L	< 1		031309	1	EPA8260
1,2,3-Trichlorobenzene	ug/L	< 1		031309	1	EPA8260
Ter.ButylMethylEther	ug/L	< 1		031309	1	EPA8260
p-Ethyltoluene	ug/L	< 1		031309	1	EPA8260
Freon 113	ug/L	< 1		031309	1	EPA8260
1,2,4,5 Tetramethylbenz	ug/L	< 1		031309	1	EPA8260
Acetone	ug/L	< 10		031309	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		031309	10	EPA8260
Methylisobutylketone	ug/L	< 10		031309	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		031309	1	EPA8260
p Diethylbenzene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4642 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.05 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-05

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		031309	1	EPA8260
Chloromethane	ug/L	< 1		031309	1	EPA8260
Vinyl Chloride	ug/L	< 1		031309	1	EPA8260
Bromomethane	ug/L	< 1		031309	1	EPA8260
Chloroethane	ug/L	< 1		031309	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		031309	1	EPA8260
,1 Dichloroethene	ug/L	< 1		031309	1	EPA8260
Methylene Chloride	ug/L	< 1		031309	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
,1 Dichloroethane	ug/L	< 1		031309	1	EPA8260
,2-Dichloropropane	ug/L	< 1		031309	1	EPA8260
-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
Bromochloromethane	ug/L	< 1		031309	1	EPA8260
Chloroform	ug/L	< 1		031309	1	EPA8260
,1,1 Trichloroethane	ug/L	< 1		031309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		031309	1	EPA8260
,1-Dichloropropene	ug/L	< 1		031309	1	EPA8260
Benzene	ug/L	1		031309	1	EPA8260
,2 Dichloroethane	ug/L	< 1		031309	1	EPA8260
Trichloroethene	ug/L	< 1		031309	1	EPA8260
,2 Dichloropropane	ug/L	< 1		031309	1	EPA8260
Dibromomethane	ug/L	< 1		031309	1	EPA8260
Bromodichloromethane	ug/L	< 1		031309	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		031309	1	EPA8260
Toluene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4643 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.05 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-05

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	031309	1	EPA8260
112 Trichloroethane	ug/L	< 1	031309	1	EPA8260
Tetrachloroethene	ug/L	< 1	031309	1	EPA8260
1,3-Dichloropropane	ug/L	< 1	031309	1	EPA8260
Chlorodibromomethane	ug/L	< 1	031309	1	EPA8260
1,2 Dibromoethane	ug/L	< 1	031309	1	EPA8260
Chlorobenzene	ug/L	< 1	031309	1	EPA8260
Ethyl Benzene	ug/L	< 1	031309	1	EPA8260
1112Tetrachloroethane	ug/L	< 1	031309	1	EPA8260
m + p Xylene	ug/L	< 2	031309	2	EPA8260
o Xylene	ug/L	< 1	031309	1	EPA8260
Styrene	ug/L	< 1	031309	1	EPA8260
Bromoform	ug/L	< 1	031309	1	EPA8260
Isopropylbenzene	ug/L	5	031309	1	EPA8260
Bromobenzene	ug/L	< 1	031309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1	031309	1	EPA8260
123-Trichloropropane	ug/L	< 1	031309	1	EPA8260
n-Propylbenzene	ug/L	10	031309	1	EPA8260
2-Chlorotoluene	ug/L	< 1	031309	1	EPA8260
135-Trimethylbenzene	ug/L	< 1	031309	1	EPA8260
4-Chlorotoluene	ug/L	< 1	031309	1	EPA8260
tert-Butylbenzene	ug/L	< 1	031309	1	EPA8260
124-Trimethylbenzene	ug/L	1	031309	1	EPA8260
sec-Butylbenzene	ug/L	1	031309	1	EPA8260
p-Isopropyltoluene	ug/L	< 1	031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4644 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.05 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/11/09 RECEIVED:03/12/09
TIME COL'D:PM
MATRIX:Water SAMPLE: MW-05

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
n-Butylbenzene	ug/L	< 1	031309	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
Dibromochloropropane	ug/L	< 1	031309	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	031309	1	EPA8260
Hexachlorobutadiene	ug/L	< 1	031309	1	EPA8260
Naphthalene(v)	ug/L	< 1	031309	1	EPA8260
123-Trichlorobenzene	ug/L	< 1	031309	1	EPA8260
ter.ButylMethylEther	ug/L	5	031309	1	EPA8260
p-Ethyltoluene	ug/L	< 1	031309	1	EPA8260
Freon 113	ug/L	< 1	031309	1	EPA8260
1245 Tetramethylbenz	ug/L	6	031309	1	EPA8260
Acetone	ug/L	< 10	031309	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	031309	10	EPA8260
Methylisobutylketone	ug/L	< 10	031309	10	EPA8260
Chlorodifluoromethane	ug/L	< 1	031309	1	EPA8260
p Diethylbenzene	ug/L	4	031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4645 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.06 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/26/09 RECEIVED:03/12/09
TIME COL'D:AM
MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		031309	1	EPA8260
Chloromethane	ug/L	< 1		031309	1	EPA8260
Vinyl Chloride	ug/L	< 1		031309	1	EPA8260
Bromomethane	ug/L	< 1		031309	1	EPA8260
Chloroethane	ug/L	< 1		031309	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		031309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		031309	1	EPA8260
Methylene Chloride	ug/L	< 1		031309	1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		031309	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		031309	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		031309	1	EPA8260
Bromochloromethane	ug/L	< 1		031309	1	EPA8260
Chloroform	ug/L	< 1		031309	1	EPA8260
1,1 Trichloroethane	ug/L	< 1		031309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		031309	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		031309	1	EPA8260
Benzene	ug/L	< 1		031309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		031309	1	EPA8260
Trichloroethene	ug/L	< 1		031309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		031309	1	EPA8260
Dibromomethane	ug/L	< 1		031309	1	EPA8260
Bromodichloromethane	ug/L	< 1		031309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		031309	1	EPA8260
Toluene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4646 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290921.06 03/18/09

Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735
ATTN: Paul Stewart PO#:

SOURCE OF SAMPLE: 5621-PWNY
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/26/09 RECEIVED:03/12/09
TIME COL'D:AM
MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
n-Butylbenzene	ug/L	< 1		031309	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
Dibromochloropropane	ug/L	< 1		031309	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		031309	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		031309	1	EPA8260
Naphthalene(v)	ug/L	< 1		031309	1	EPA8260
123-Trichlorobenzene	ug/L	< 1		031309	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		031309	1	EPA8260
p-Ethyltoluene	ug/L	< 1		031309	1	EPA8260
Freon 113	ug/L	< 1		031309	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		031309	1	EPA8260
Acetone	ug/L	< 10		031309	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		031309	10	EPA8260
Methylisobutylketone	ug/L	< 10		031309	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		031309	1	EPA8260
p Diethylbenzene	ug/L	< 1		031309	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4648 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

APPENDIX D

DATA USABILITY SUMMARY REPORT

Data Usability Summary Report

The laboratory analyses are contained in five (5) data packages:

1. H2M Labs, Inc. (H2M No. 0902331) - Air Samples collected February 11, 2009 and analyzed February 17-19, 2009.

2. Ecotest Laboratories, Inc. (Ecotest No. 290531.01) - Soil and Water Samples collected February 10, 2009 and analyzed February 19, 2009;

3. H2M Labs, Inc. (H2M No. 0902458) - Water Samples collected February 11, 2009 and analyzed February 19, 2009.

4. H2M Labs, Inc. (H2M No. 0902459) - Soil Samples collected February 11, 2009 and analyzed February 24, 2009.

5. Ecotest Laboratories, Inc. (Ecotest No. 290921) - Water Samples collected March 11, 2001 and analyzed March 13, 2009;

Copies of the conformance summaries for each data package are attached. The full Category B records are available for inspection and copying upon request.

1. H2M Report No. 0902331

Ten (10) air samples were analyzed for Volatile Organic Compounds (VOCs), The NYS DEC Category B data package is complete. All samples were received in good condition. All required holding times were met. Examination of the raw data confirms the results in the summary tables. The correct data qualifiers were used.

Volatile Organic Compounds - Volatile organic compounds were determined by purge and trap GC/MS in accordance with EPA TO-15 methodology. The instrumentation utilized was an HP5973I Purge Trap Gas Chromatographs/Mass Spectrometer with an Rtx1 capillary column.

Samples IA-01, IA-05 and VP-06 was analyzed at dilution factors of 1:20, 1:5 and 1:5, respectively, due to the presence of acetone above the calibration range of the instrument. Samples VP-01, VP-02, VP-03 and VP-04 were analyzed at dilution factors of 1:20, 1:5, 1:600 and 1:20, respectively, due to the presence of tetrachloroethene above the calibration range of the instrument. Sample VP-05 was analyzed at a dilution factor of 1:600 due to the presence of benzene, toluene, ethylbenzene and xylenes

above the calibration range of the instrument. Concentrations of target compounds from both the undiluted and diluted sets of data have been reported, except for sample VP-01, where the concentrations of target compounds from the 1:10 and 1:20 dilution factors were reported.

No other problems occurred during analysis. Most recoveries were within QC limits, although high recoveries were reported for two compounds and low recoveries were reported for five compounds. However, none of the compounds were found in the samples and no results were affected. Blank analyses did not indicate the presence of contamination except for acetone. All data appears to be consistent.

2. Ecotest Report No. 290531

Seven (7) soil samples including one duplicate and two (2) water samples including one duplicate were analyzed for Volatile Organic Compounds (VOCs). One (1) soil sample was also analyzed for Semi-Volatile Organic Compounds (SVOCs), Pesticides, Polychlorinated Biphenyls (PCBs) and Total Metals. The one (1) water sample was also analyzed for SVOCs, Pesticides, PCBs, filtered and unfiltered metals. One (1) Matrix Spike and one (1) Matrix Spike Duplicate were included in the VOC analysis. The NYSDEC Category B data package is complete. All samples were received in good condition and at proper temperature. All required holding times were met. Examination of the raw data confirms the results in the summary tables. The correct data qualifiers were used.

Volatile Organic Compounds - Volatile Organic Compounds were determined in accordance with EPA 8260 methodology. The instrumentation utilized was reported as a GCMSV4 Purge Trap Gas Chromatograph/Mass Spectrometer containing a 0.18 mm DB-VRX capillary column.

MDL study, surrogate recoveries, reference sample, holding time, initial and continuing calibration and GCMS Tune criteria met QC requirements. Trace levels of Bromomethane were detected in the method bland and sample SB-12(10'). Three compounds marginally exceeded lab established limits in the matrix spike and matrix spike duplicate. Three compounds also marginally exceeded lab established limits for matrix spike and matrix spike duplicate % recoveries. A duplicate Sample SB-12(10') was run with good recovery on February 24, 2009 after low internal standard recoveries were detected in the initial run. No problems occurred during analysis. All data appears to be consistent.

Metals - Filtered and unfiltered total metals were analyzed in accordance with EPA Method 6010. Mercury was analyzed in accordance with EPA Method 7471. The sample was filtered by the lab. Method blank, duplicate RPD, spike % recoveries, reference sample, holding time, laboratory control standard and interference check standard met all requirements.

Semi-Volatile Organic Compounds - Semi-Volatile Organic Compounds were analyzed in accordance with EPA 8270 methodology. The instrumentation utilized was reported as a SVGCMS1with a 0.25 mm Rxi-5ms 30meter GC Column.

Method blank, MDL study, surrogate recoveries, holding time, initial and continuing instsrument calibration, GCMS Tune criteria and internal standard recovery met all requirements. Concentrations of Benzo(b)fluorantehene and Benzo(k)fluorantehene were estimated due to unobtainable method requirements of a 50% split between peaks with the same isomers. No recovery was obtained for Benxidine in the MS/SMSD and the reference sample. Recovery for 2,4 Dimethylphenol was above the allowable range. No other problems occurred during analysis. All data appears to be consistent.

Pesticides and Polychorinated Biphenyls - Samples were analyzed for pesticides in accordance with EPA Method 8081 and PCBs in accordance with EPA Method 8082. The instrumentation utilized was an HP 5890 GCMS containing a 0.25 mm Rtx-CLPesticides primary column and a 0.25 mm Rtx-CLPesticidesII confirmation column. All data appears to be consistent.

Method blank, surrogate recoveries, matrix spike and matrix spike duplicate RPD, matrix spike and matrix spike duplicate % recoveries and holding time met all requirements. Heptachlor and Methoxychlor exceeded the 15% RPD of the initial 1.6 ug/L standard calibration. No other problems occurred during analysis. All data appears to be consistent.

3. H2M Report No. 0902458

Two (2) water samples and one (1) trip blank were analyzed for Volatile Organic Compounds (VOCs). The NYS DEC Category B data package is complete. All samples were received in good condition and at proper temperature. All required holding times were met. Examination of the raw data confirms the results in the summary tables. The correct data qualifiers were used.

Volatile Organic Compounds - Volatile Organic Compounds were determined in accordance with EPA 8260 methodology. The instrumentation utilized was an HP5972 Gas Chromatograph/Mass Spectrometer containing an RTX624 capillary column.

All QC data and calibrations met the requirements of the method. No analytical problems were encountered. Blank analyses did not indicate the presence of contamination. All data appears to be consistent.

4. H2M Report No. 0902459

Three (3) soil samples and one (1) trip blank were analyzed for Volatile Organic Compounds (VOCs).The NYS DEC Category B data package is complete. All samples were received in good condition and at proper temperature. All required holding times were met. Examination of the raw data confirms the results in the summary tables. The correct data qualifiers were used.

Volatile Organic Compounds - Volatile Organic Compounds were determined in accordance with EPA 8260 methodology. The instrumentation utilized was an HP5972 Gas Chromatograph/Mass Spectrometer containing an RTX624 capillary column.

All QC data and calibrations met the requirements of the method. No analytical problems were encountered. Blank analyses did not indicate the presence of contamination except for Methylene Chloride which was flagged with a "B" qualifier. No other problems occurred. All data appears to be consistent.

5. Ecotest Report No. 290921

Five (5) aqueous samples and one (1) trip blank were analyzed for Volatile Organic Compounds (VOCs). The NYS DEC Category B data package is complete. All samples were received in good condition and at proper temperature. All required holding times were met. Examination of the raw data confirms the results in the summary tables. The correct data qualifiers were used.

Volatile Organic Compounds - Volatile Organic Compounds were determined in accordance with EPA 8260 methodology. The instrumentation utilized was reported as a GCMSV4 Purge Trap Gas Chromatograph/Mass Spectrometer containing a 0.18 mm DB-VRX capillary column.

No analytical problems were encountered. System Monitoring Compound recoveries met requirements. MS /MSD recoveries and RPDs met requirements. Tuning Checks met requirements. Internal Standard Areas and Retention Times met criteria. Calibrations met requirements. Blank analyses did not indicate the presence of contamination.

Method Blank, MDL study, surrogate recoveries, matrix spike and matrix spike duplicate RPD, matrix spike and matrix spike duplicate % recoveries, reference sample, holding time, initial and continuing calibration, GCMS Tune criteria and internal standard recovery met QC requirements. No problems occurred during analysis. All data appears to be consistent.

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ACT DELIVERABLES: BC-70D TURN AROUND TIME: 21 DAYS

SDG #: ACT002 CASE #: _____ MATRIX: AIR pH CHECK Y or N

REMARKS: _____

RECEIVED BY: EM SIGNATURE: [signature] DATE: 2/11/09 TIME: 1413

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	AA-01	0902331-001A	02.10.09	CANISTER	1	TO-15 (SCL)
2	JA-01	-002 A				
3	-02	-003 A				
4	-03	-004 A				
5	VP-01	-005 A				
6	-02	-006 A				
7	-03	-007 A				
8	-04	-008 A				
9	-05	-009 A				
10	-06	-010 A				
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EM 2/11/09

EM 02.10.09

VOLATILE

P 0169

ACT002 S9

H2M LABS, INC.

No. 0902331

SDG NARRATIVE FOR VOLATILES
SAMPLE(S) RECEIVED: 2/11/09
SDG #: ACT002

For Sample(s):

AA-01	VP-01	VP-04
IA-01	VP-02	VP-05
IA-02	VP-03	VP-06
IA-03		

The above sample(s) was/were analyzed for analysis of a select list of volatile organics and tentatively identified compounds (TICs) by EPA method TO-15..

All QC data and calibrations met the requirements of the method, unless discussed below, and no problems were encountered with sample analysis. The following should be noted:

No matrix spike/matrix spike duplicate was submitted, but two lab-fortified blanks were analyzed. Most percent recoveries were within QC limits, but both LFBs had high recoveries for vinyl chloride and 1,2-dichlorotetrafluoroethane and slightly low recoveries for the following analytes: 1,2- and 1,4-dichlorobenzene, 1,3-hexachlorobutadiene, and 1,2,4-trichlorobenzene. In addition, 1,3-dichlorobenzene was low in LFB021709. The analytes were not found in the samples, and no results are affected.

Eight samples were reanalyzed at a dilution to keep the concentrations of targeted analytes within the calibration range. Both sets of data are reported.

Surrogate recovery for BFB in sample VP-05 exceeds the Q. C. limit in the undiluted analysis, but meets the limit in the dilution.

The internal standard area for chlorobenzene-d5 in the undiluted analysis is below the acceptance limit but is acceptable in the dilution.

If a large interference coeluted with an internal standard, the affected tentatively identified compounds (TICs) were re-quantified with the nearest internal standard that was free from interferences.

A low concentration of acetone was found in the method blank on 2/17/09. This analytes was flagged with a "B" qualifier if present in the samples associated with the blank.

TIC compounds, identified as siloxanes, that are suspected to be column bleed introduced by the analytical system, were flagged with the qualifier "X".

No concentrations below the reporting limits (PQL) are reported.

ACT002 S12

H2M LABS, INC.

SDG NARRATIVE FOR VOLATILES
SAMPLE(S) RECEIVED: 2/11/09
SDG #: ACT002

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

Date Reported: March 3, 2009

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* *
****

Ursula Middel
Technical Manager

ECOTEST LABORATORIES INC.
377 Sheffield Ave.
North Babylon, NY 11703
tel. 631-422-5777, fax 631-422-5770, Email ECOTESTLAB@aol.com

TITLE/COVER PAGE

QUALITY CONTROL DELIVERABLES

CLIENT: Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

CONTACT: Paul Stewart

JOB: PWNY-5621

DATE(S) OF SAMPLE COLLECTION: 2/10/09

ECOTEST SAMPLE ID NOS.: 290531.01-.12

REPORT APPROVED BY: _____
THOMAS POWELL

DATE APPROVED: 3/20/09

NJDEP LAB ID NO.: NY356
NYELAP ID NO.: 10320

JA
excel\john\qcpkg09\act0531b

Conformance/Nonconformance Summary-8260

Ecotest Sample ID: 290531.01 -->290531.12.

QC criteria were met for the following unless stated otherwise:

* Method blank

Bromomethane was detetected at trace levels in soil blanks and in sample 290531.01. With the duplicate of sample 290531.01, bromomethane was below the practical quantitation limit. Final report reflects the duplicate sample.

* MDL study
* Surrogate recoveries
* Matrix Spike & Matrix Spike Duplicate RPD

Three compounds marginally exceeded lab established limits on 02/24/09. (see MS/MSD results summary)

* Matrix Spike & Matrix Spike Duplicate % recoveries.

Three compounds marginally exceeded lab established limits on 02/18/09. (see MS/MSD results summary)

* Reference sample
* Holding Time (USEPA SW846)
* Initial instrument calibration & continuing calibration
* GCMS Tune criteria
* Internal Standard Recovery

Inexplicably low (but within QC limits) internal standard recoveries were found in the inital run for sample 290531.01 on 02/18/09. Sample was duplicated on 02/24/09 with good internal standard recovery.

CONFORMANCE / NON-CONFORMANCE SUMMARY

Metals

QC Package for Sample Batch 2900531.05, .10, .11

< QC criteria were met for the following unless otherwise stated :

* Method Blank
* Duplicate RPD
* Spike % Recoveries
* Reference Sample
* Holding Time (SW846)
* Laboratory Control Standard
* Interference Check Standard

EcoTest Labs

Conformance/Nonconformance Summary
8270

SAMPLE 290531.10

QC criteria were met for the following unless stated otherwise:

* Method blank
* MDL study
* Surrogate recoveries
* Matrix Spike & Matrix Spike Duplicate RPD

*No recovery for Benzidine in the MS/MSD

* Reference sample

*No recovery for Benzidine.
*Recovery for 2,4 Dimethylphenol is above range.

* Holding Time (USEPA SW846)
* Initial instrument calibration & continuing calibration
* GCMS Tune criteria
* Internal Standard Recovery

Conformance/Nonconformance Summary for Pesticides and/or PCBs

samples: 290531.05

QC criteria were met for the following unless stated otherwise:

Method blank

Surrogate recoveries

Matrix spike and matrix spike duplicate RPD

Matrix spike and matrix spike duplicate % recoveries

Holding time

Initial instrument calibration and continuing calibration
*Heptachlor and Methoxychlor exceeded 15% RPD of initial calibration in Restek Mixed Pesticides 1.6ug/L standard for continuing calibration.

Conformance/Nonconformance Summary for Pesticides and/or PCBs

samples: 290531.10

QC criteria were met for the following unless stated otherwise:

Method blank

Surrogate recoveries

Matrix spike and matrix spike duplicate RPD

Matrix spike and matrix spike duplicate % recoveries

Holding time

Initial instrument calibration and continuing calibration
*Heptachlor and Methoxychlor exceeded 15% RPD of initial calibration in Restek Mixed Pesticides 1.6ug/L standard for continuing calibration.

CONFORMANCE / NON-CONFORMANCE SUMMARY

Wet Chemistry

BOD, NO3 & SO4

QC Package for Sample Batch 290531.10

< QC criteria were met for the following unless otherwise stated :

* Method Blank
* Duplicate RPD
* Spike % Recoveries
* Reference Sample
* Holding Time (SW846)
* Laboratory Control Standard

CONFORMANCE / NON-CONFORMANCE SUMMARY

Wet Chemistry

COD

QC Package for Sample Batch 290531.10

< QC criteria were met for the following unless otherwise stated :

* Method Blank
* Duplicate RPD
* Spike % Recoveries
* Reference Sample
* Holding Time (SW846)
* Laboratory Control Standard

CONFORMANCE / NON-CONFORMANCE SUMMARY

Wet Chemistry - TOC

QC Package for Sample Batch 290531.02

- QC criteria were met for the following unless otherwise stated :
  - Method Blank
  - Duplicate RPD
  - Spike % Recoveries
  - Reference Sample
  - Holding Time (SW846)
  - Laboratory Control Standard

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ACT DELIVERABLES: BD-TOD TURN AROUND TIME: 21 DAYS

SDG #: ACT003 CASE #: _____ MATRIX: AQ pH CHECK Y or N

REMARKS: _____

RECEIVED BY: EM SIGNATURE: [signature] DATE: 2/17/09 TIME: 950

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	TW-14	0902458 -001A	02.11.09	DH	2	ASPB5-8260-W (SCL)
2	↓ -16	-002 A	↓	↓	↓	↓
3	TRIP BLANK 2/11/09	-003 A	↓			
4	SS 021709	-004 A	02.17.09	↓	↓	↓
5						
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EM 02.17.09

VOLATILE

P 0223

ACT003 S8

H2M LABS, INC.

No. 0902458

SDG NARRATIVE FOR VOLATILE ANALYSES
SAMPLE(S) RECEIVED: 2/17/09
SDG#: ACT003

For Sample(s):

TW-14
TW-16
TRIP BLANK 021109
SB 021709

The above sample(s) was/were analyzed for a select list of volatile organic analytes by EPA method 8260B.

All QC data and calibrations met the requirements of the method.

No MS/MSD sample spikes were requested, but a lab-fortified blank (LFB) was analyzed. All recoveries met acceptance limits.

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

Date Reported: March 5, 2009

****
* *
* *
****

Joann M. Slavin
Senior Vice President

ACT003 S11

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ACT DELIVERABLES: 60-70D TURN AROUND TIME: 21 DAYS

SDG #: ACT004 CASE #: _____ MATRIX: SOIL pH CHECK Y or N

REMARKS: _____

RECEIVED BY: EM SIGNATURE: [signature] DATE: 2/17/09 TIME: 950

CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
SB-06	0902459 -001A	02.11.09	A	1	ASP95-8260-S (SCL) PM015T
-07	-002 A				
-10	-003 A				
TRIP BLANK 2/10/09	-004 A	02.10.09			

EM 02.17.09

VOLATILE

P 0226

ACT004 S8

H2M LABS, INC.

No. 0902459

SDG NARRATIVE FOR VOLATILE ANALYSES
SAMPLE(S) RECEIVED: 2/17/09
SDG#: ACT004

For Sample(s):

SB-6
SB-07
SB-10
TRIP BLANK 2/10/09

The above sample(s) was/were analyzed for a select list of volatile organic analytes by EPA method 8260B.

All QC data and calibrations met the requirements of the method.

No MS/MSD sample spikes were requested, but a lab-fortified blank (LFB) was analyzed. All recoveries met acceptance limits.

4µg/kg J of methylene chloride was present in the method blank of 2/24/09. This analyte was flagged with a "B" qualifier if present in samples associates with this blank.

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

Date Reported: March 5, 2009

****
* *
* *
****
Joann M. Slavin
Senior Vice President

ACT004 S11

ECOTEST LABORATORIES INC.
377 Sheffield Ave.
North Babylon, NY 11703
tel. 631-422-5777, fax 631-422-5770, Email ECOTESTLAB@aol.com

TITLE/COVER PAGE

QUALITY CONTROL DELIVERABLES

CLIENT: Advanced Cleanup Technologies
115 Rome Street
Farmingdale, NY 11735

CONTACT: Paul Stewart

JOB: PWNY-5621

DATE(S) OF SAMPLE COLLECTION: 2/26/09, 3/11/09

ECOTEST SAMPLE ID NOS.: 290921.01-.06

REPORT APPROVED BY: _____
THOMAS POWELL

DATE APPROVED: 3/27/09

NJDEP LAB ID NO.: NY356
NYELAP ID NO.: 10320

JA
excel\john\qcpkg09\act0921b

Conformance/Nonconformance Summary-8260

Ecotest Sample ID: 290921.01 --> 290921.06.

QC criteria were met for the following unless stated otherwise:

* Method blank
* MDL study
* Surrogate recoveries
* Matrix Spike & Matrix Spike Duplicate RPD
* Matrix Spike & Matrix Spike Duplicate % recoveries.
* Reference sample
* Holding Time (USEPA SW846)
* Initial instrument calibration & continuing calibration
* GCMS Tune criteria
* Internal Standard Recovery

APPENDIX E

FISH AND WILDLIFE IMPACT ANALYSIS DECISION TREE

APPENDIX 3C

Fish and Wildlife Resources Impact Analysis Decision Key

See Attached Responses		If YES Go to:	If NO Go to:
1.	Is the site or area of concern a discharge or spill event?	13.	2.
2.	Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13.	3
3.	Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4.	9.
4.	Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5.
5.	Has the contamination gone off site?	6.	14.
6.	Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7.	14.
7.	Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8.
8.	Does contamination exist at concentrations that could exceed SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14.
9.	Does the site or any adjacent or downgradient property contain any of the following resources? a. Any endangered, threatened or special concern species or rare plants or their habitat b. Any NYSDEC designated significant habitats or rare NYS Ecological Communities c. Tidal or freshwater wetlands d. Stream, creek or river e. Pond, lake, lagoon f. Drainage ditch or channel g. Other surface water feature h. Other marine or freshwater habitat i. Forest j. Grassland or grassy field k. Parkland or woodland l. Shrubby area m. Urban wildlife habitat n. Other terrestrial habitat	11.	10.
10.	Is the lack of resources due to the contamination?	Section 3.10.1	14.
11.	Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14.	12.
12.	Does the site have widespread soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	13.
13.	Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact NYSDEC for information regarding endangered species.)	Section 3.10.1	14.
14.	No Fish and Wildlife Resources Impact Analysis needed.		

Appendix 3 C - Responses

Fish and Wildlife Resources Impact Analysis Decision Key

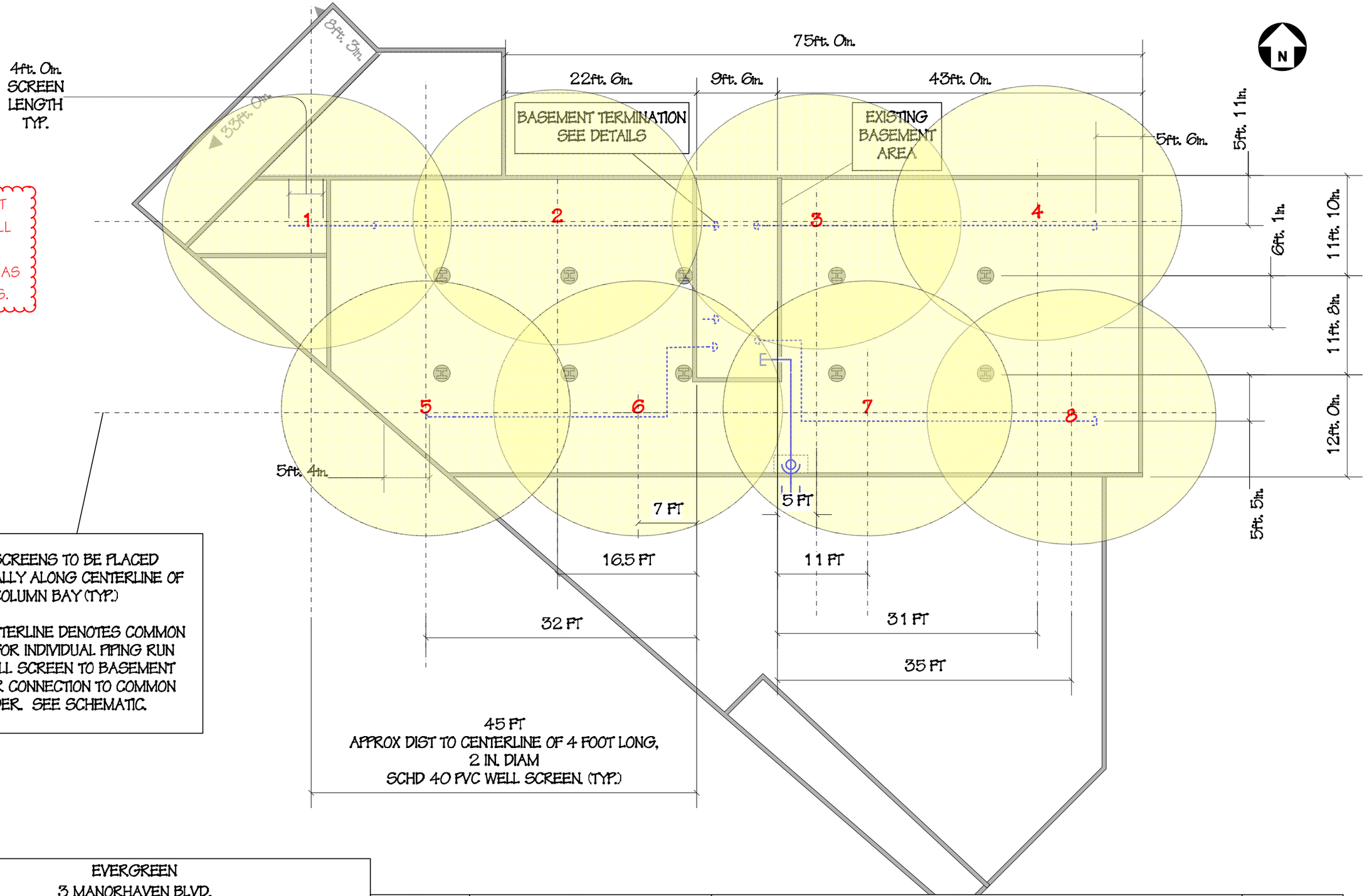
1. Please see NYDEC Site No: 1-03-169

13. See Report Section 3.2, 3.3 and information provided by NYDEC

14. At this time, soil contamination is confined to the property and there is minimal threat to groundwater quality. Tetrachloroethene, has been detected in both on and off site groundwater, but will not impact surface water or aquatic life. In addition, no resources adjacent or down-gradient of the site should be affected. In light of the information presented, no Fish and Wildlife Resources Impact Analysis is needed.

APPENDIX F

AS-BUILT DETAILS AND CONSTRUCTION PHOTOGRAPHS



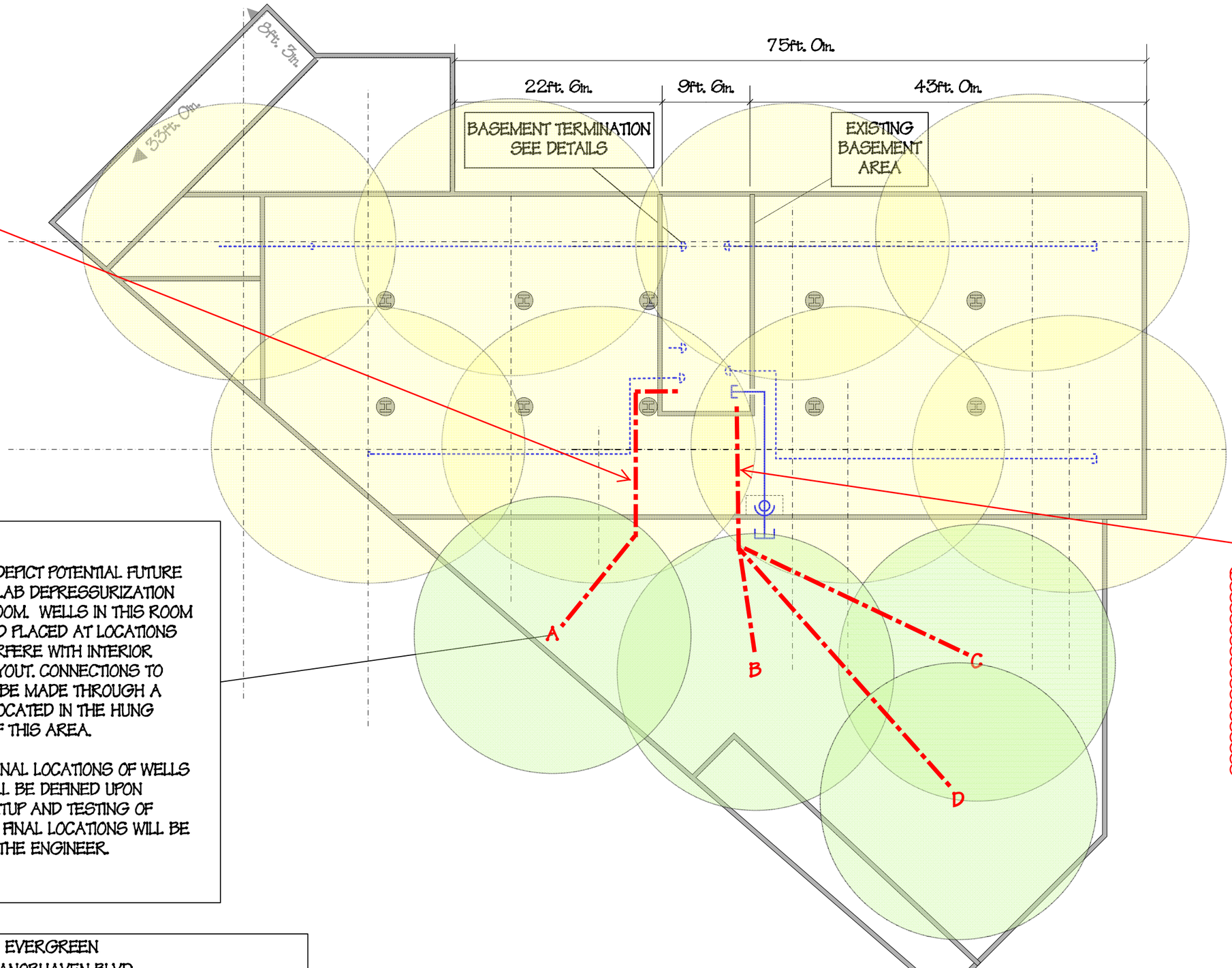
LOCATION OF 4 FT LENGTHS OF WELL SCREENS [1,2,3,4,5,6,7,8] AS SHOWN ON DWGS.

WELL SCREENS TO BE PLACED HORIZONTALLY ALONG CENTERLINE OF COLUMN BAY (TYP.)

NOTE - CENTERLINE DENOTES COMMON TRENCH FOR INDIVIDUAL PIPING RUN FROM WELL SCREEN TO BASEMENT AREA FOR CONNECTION TO COMMON HEADER. SEE SCHEMATIC.

EVERGREEN 3 MANORHAVEN BLVD. SVE/SSD SYSTEM DETAILS		SIZE	FSCM NO	DWG NO SUB-SLAB WELL SCREEN LOCATIONS NORTH ROOM - DIMENSIONS APPROX.	REV
DRAWN	ANDRIS LEDINS				
ISSUED	4/13/09	SCALE	SCHEMATIC	SHEET	1 OF 6

NEW 2 INCH DIA LINE RUN TO VERTICAL WELL A. INCLUDES THROTTLING VALVE, PRESSURE GAUGE AND SAMPLE TAP.



THREE SEPERATE 2 IN DIA LINES RUN TO VERTICAL WELLS B, C & D. EACH LINE HAS OWN THROTTLING VALVE PRESSURE GAUGE AND TEST PORT.

R.O.I.S$_e$ A, B, C AND D DEPICT POTENTIAL FUTURE LOCATIONS OF SUB-SLAB DEPRESSURIZATION WELLS IN THE SOUTH ROOM. WELLS IN THIS ROOM WILL BE VERTICAL AND PLACED AT LOCATIONS THAT DO NOT INTERFERE WITH INTERIOR ARCHITECTURAL LAYOUT. CONNECTIONS TO THESE WELLS WILL BE MADE THROUGH A PIPING NETWORK LOCATED IN THE HUNG CEILING OF THIS AREA.

FOR OPTIMAL DESIGN, FINAL LOCATIONS OF WELLS IN THIS AREA WILL BE DEFINED UPON COMPLETION, STARTUP AND TESTING OF NORTH ROOM SYSTEM. FINAL LOCATIONS WILL BE DEFINED BY THE ENGINEER.

EVERGREEN 3 MANORHAVEN BLVD. SVE/SSD SYSTEM DETAILS		SIZE	FSCM NO	DWG NO FUTURE SUB-SLAB WELL SCREEN LOCATIONS SOUTH ROOM - DIMENSIONS APPROX.	REV
DRAWN	ANDRIS LEDINS				
ISSUED	4/13/09	SCALE	SCHEMATIC	SHEET	1A OF 6

ALL JOINTS GLUED IN FIELD (TYP.)

4 INDIVIDUAL 2 IN DIA LINES RUN THROUGH HUNG CEILING TO INDIVIDUAL VERTICAL WELLS DESIGNATED AS A, B, C, D. EACH LEG HAS THROTTLING VALVE , GAUGE AND SAMPLE PORT IN BASEMENT ROOM.

MOUNT ON FLYWOOD TO WALL OF BASEMENT

~~QUICK DISCONNECT HOSE CONNECTIONS 2 IN DIA. (TYP)~~

INSIDE FACE CONCRETE BLOCK WALL

2 IN DIA. SCHED 40 PVC THRU WALL TO 2 IN DIA QUICK DISCONNECT

VAC. GA. 0 TO 100 IN OF H^2O (TYP.)

BALL VALVE FOR BALANCING (TYP)

SAMPLING VALVE BARBED END NEEDLE VALVE, TAP AND THREAD INTO PIPING (TYP)

WELL SCREEN 1

WELL SCREEN 2

WELL SCREEN 3

WELL SCREEN 4

WELL SCREEN 5

WELL SCREEN 6

WELL SCREEN 7

WELL SCREEN 8

FRESH AIR INLET

EXHAUST TO ROOF 24 IN. ABOVE HIGHEST FINISHED ELEVATION

4 IN DIA SCHED 40 PVC TO DROP CEILING OF SALON

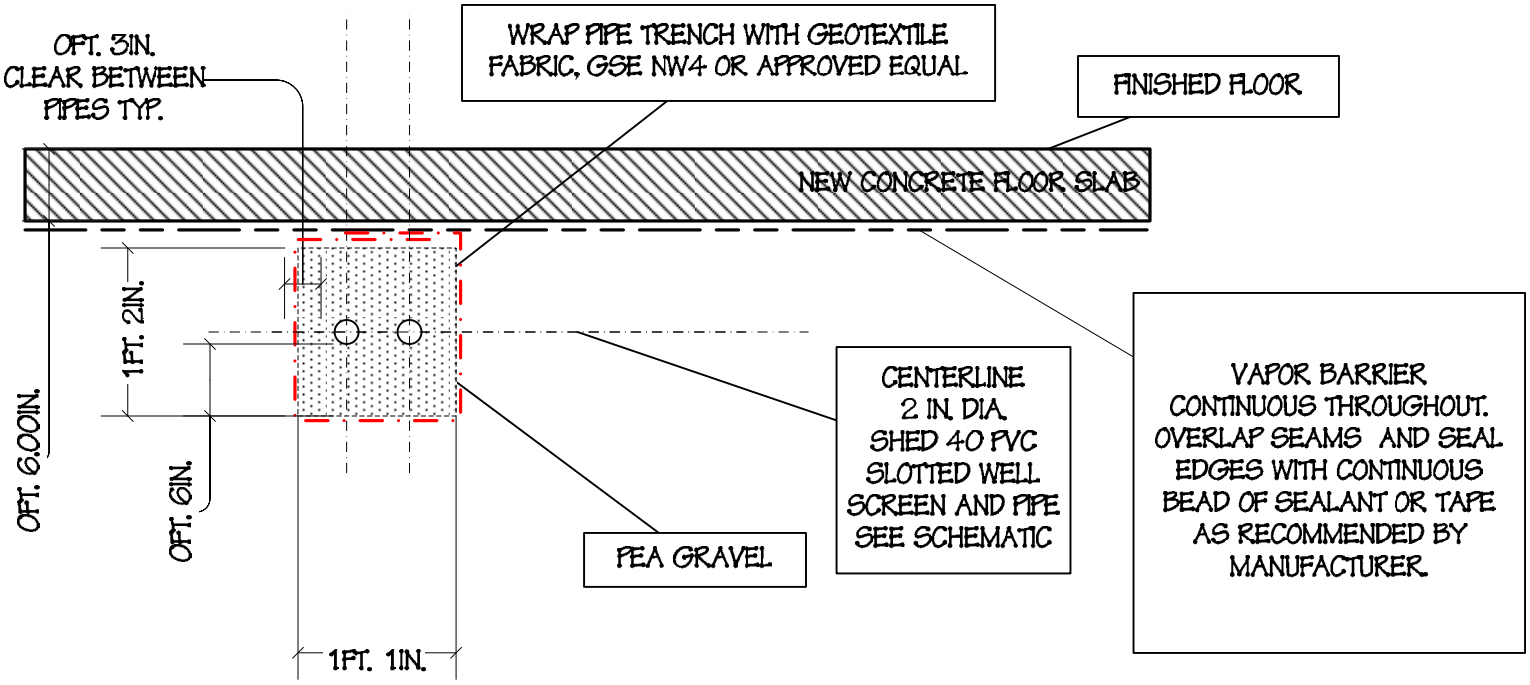
4 IN DIA SCHED 40 PVC MANIFOLD

VACUUM BLOWER 150 CFM 100 IN H20

CARBON DRUM TYP

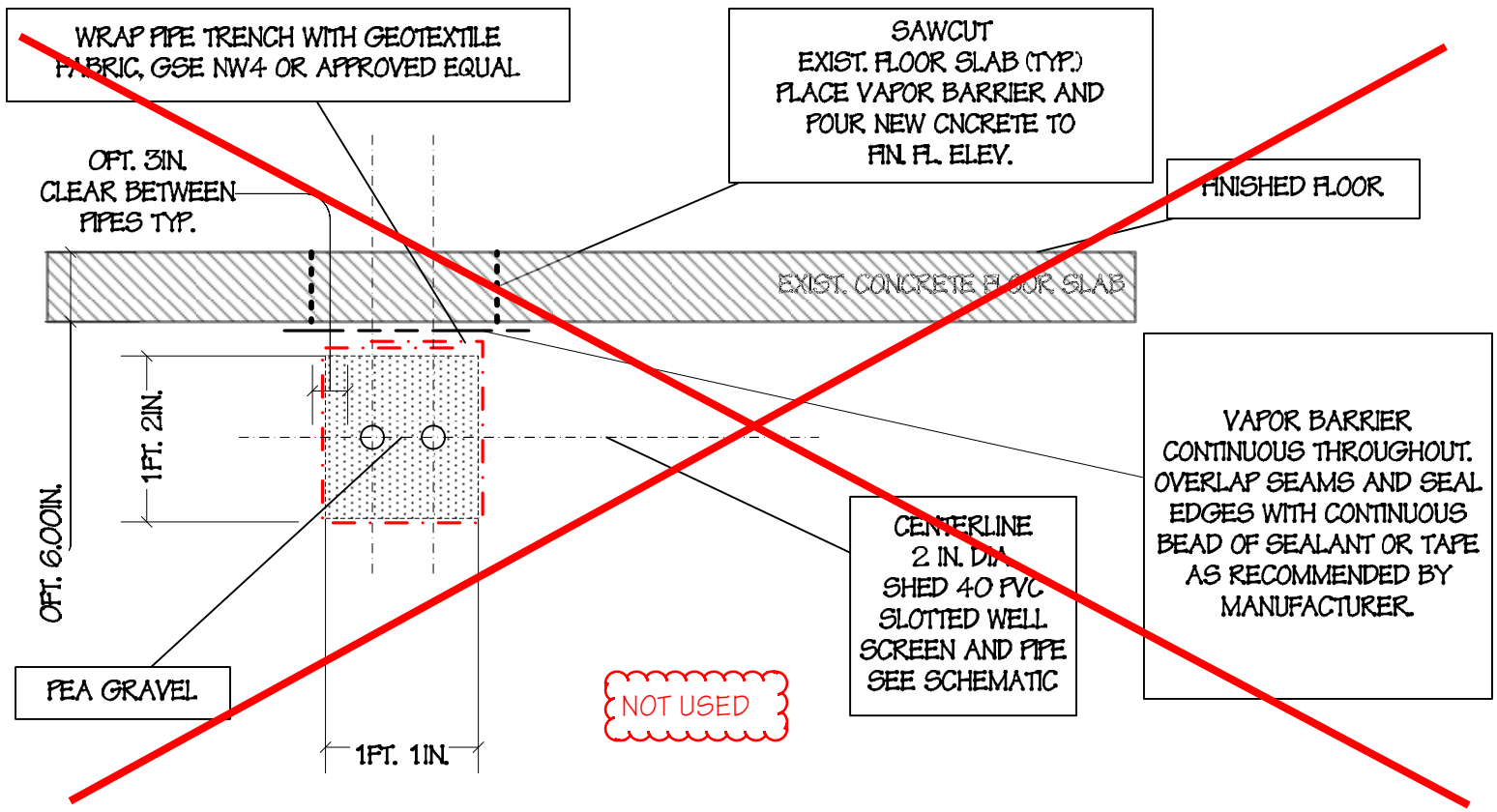
CARBON DRUM TYP

EVERGREEN 3 MANORHAVEN BLVD. SVE/SSD SYSTEM DETAILS		SIZE	FSCM NO	DWG NO SSD/SVE PIPING SCHEMATIC	REV
DRAWN	ANDRIS LEDINS				
ISSUED	4/13/09	SCALE	NTS	SHEET	2 OF 6



NEW SLAB INSTALLATION

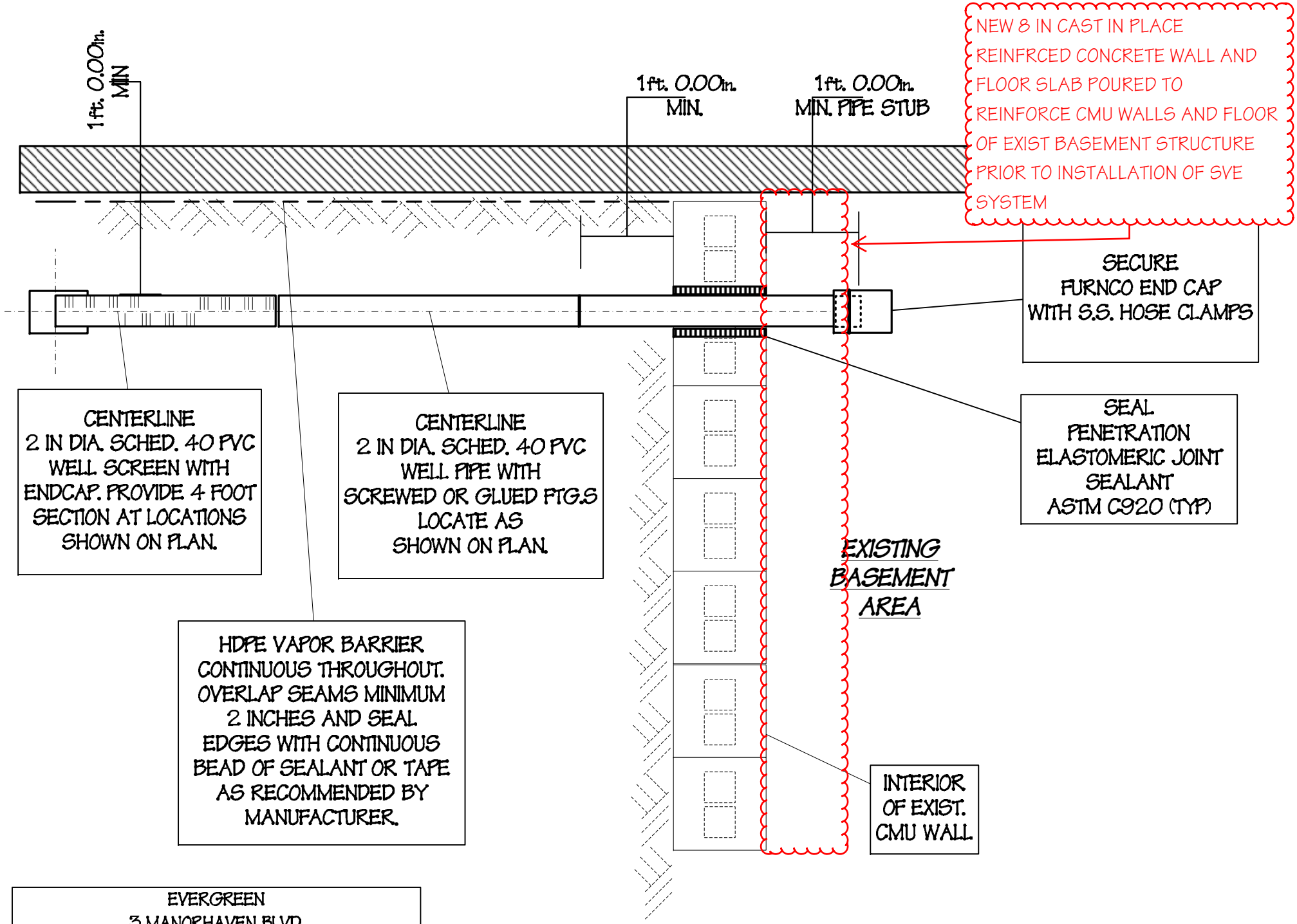
NTS



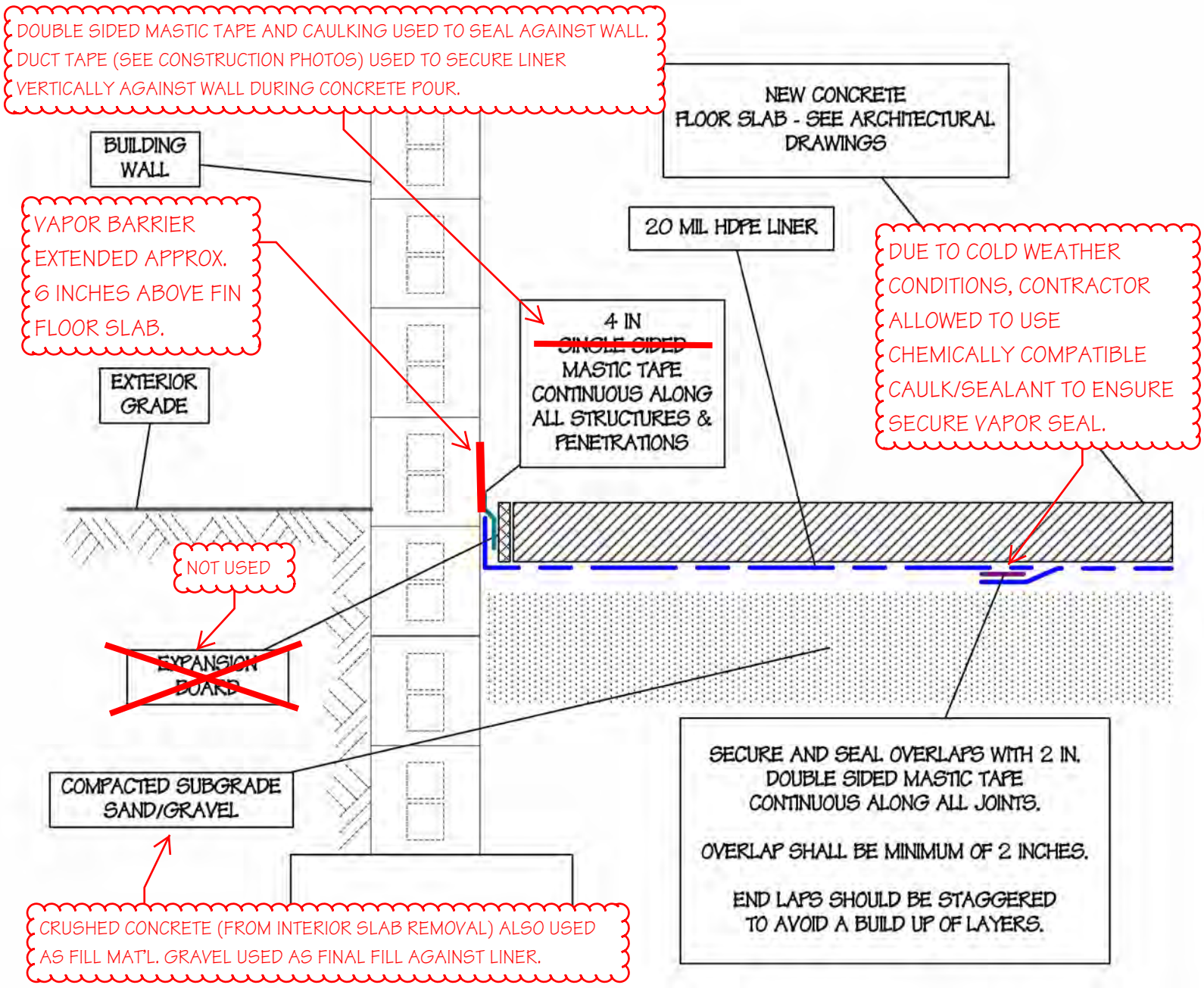
EXISTING SLAB INSTALLATION

NTS

EVERGREEN 3 MANORHAVEN BLVD. SVE/SSD SYSTEM DETAILS		SIZE	FSCM NO	DWG NO: TRENCH DETAILS / REV
DRAWN	ANDRIS LEDINS			
ISSUED	4/13/09	SCALE: NTS		SHEET: 3 OF 6



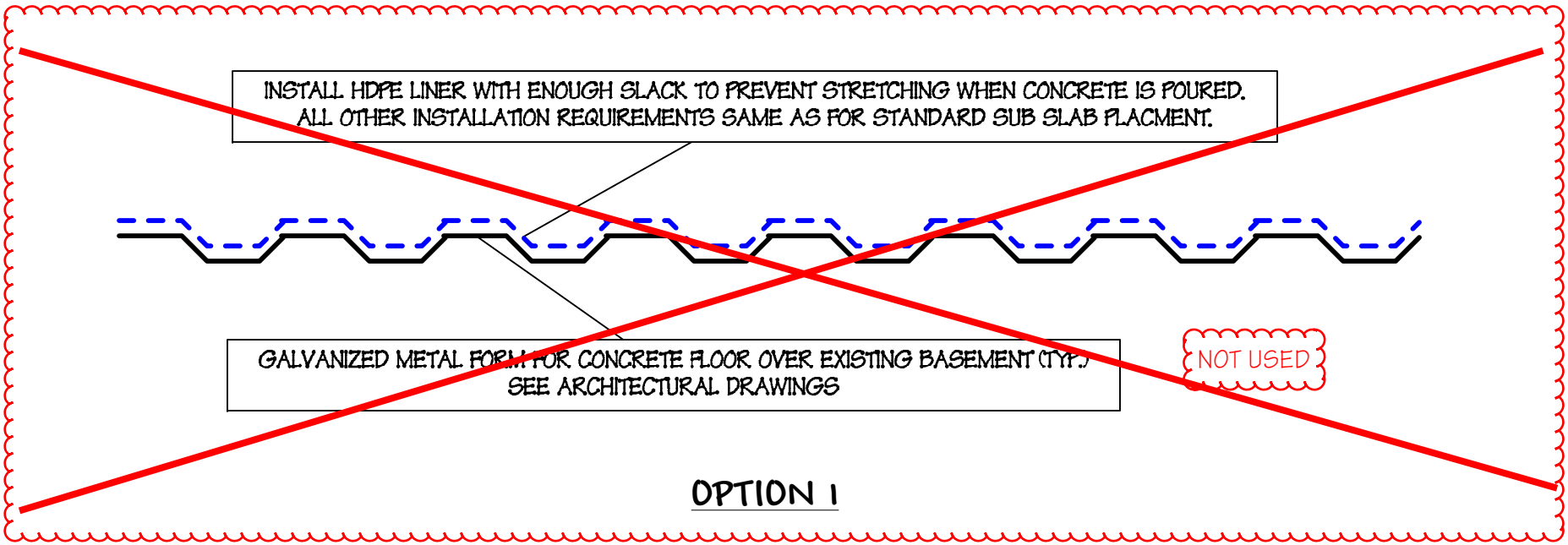
EVERGREEN 3 MANORHAVEN BLVD. SVE/SSD SYSTEM DETAILS		SIZE	FSCM NO	DWG NO BASEMENT PIPE TERMINATIONS	REV
DRAWN	ANDRIS LEDINS				
ISSUED		SCALE	NTS	SHEET	4 OF 5



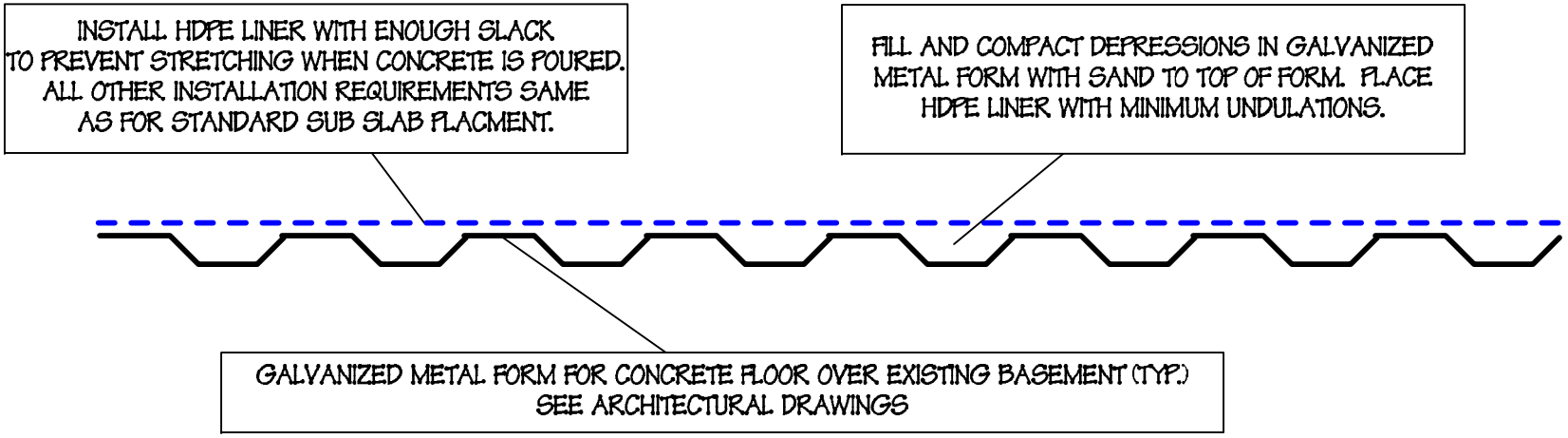
NOTES:

- A 20 MIL HDPE LINER WILL BE USED AS A VAPOR BARRIER BETWEEN THE PERFORATED PIPES AND THE BOTTOM OF THE FOUNDATION FLOOR.
- EARTH AND STONE SUBSTRATES SHALL BE WELL COMPACTED TO PRODUCE AN EVEN, SOLID SUBSTRATE. REMOVE LOOSE AGGREGATE OR SHARP PROTRUSIONS. CONCRETE SUBSTRATES SHALL BE SMOOTH OR BROOM FINISHED AND MONOLITHIC. REMOVE STANDING WATER PRIOR TO MEMBRANE APPLICATIONS.
- INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- THE HDPE LINER WILL BE LAID DOWN IN 20 FT X 50 FT SECTIONS.
- TWO INCH DOUBLE-SIDED BUTYL MASTIC TAPE PROVIDED BY THE LINER MANUFACTURER WILL BE UTILIZED TO ATTACH THE SECTIONS OF VAPOR BARRIER TO EACH OTHER AND TO THE FOUNDATION WALL FOOTINGS.
- A LAYER OF FOUR INCH SINGLE-SIDED MASTIC TAPE WILL BE PLACED OVER THE SEAMS BETWEEN SECTIONS OF HDPE LINER AND ALONG THE FOUNDATION FOOTINGS.
- A SAMPLE OF THE LINER MATERIAL WILL BE PROVIDED ALONG WITH THE DESIGN PLANS FOR THE SUB-SLAB DEPRESSURIZATION SYSTEM.

EVERGREEN 3 MANORHAVEN BLVD. SVE/SSD SYSTEM DETAILS		SIZE	FSCM NO	DWG NO VAPOR BARRIER DETAILS & NOTES	REV
DRAWN	ANDRIS LEDINS				
ISSUED	4/14/2009	SCALE	NTS	SHEET	5 OF 6



OPTION 1



OPTION 2

EVERGREEN 3 MANORHAVEN BLVD. SVE/SSD SYSTEM DETAILS		SIZE	FSCM NO	DWG NO VAPOR BARRIER DETAILS & NOTES 2	REV
DRAWN	ANDRIS LEDINS				
ISSUED	4/15/2009	SCALE NTS		SHEET 6 OF 6	

AIRTECH VACUUM
150 SOUTH VAN BRUNT ST.
ENGLEWOOD, NJ 07631
TEL. (201) 569–1173 FAX. (201) 569–1696

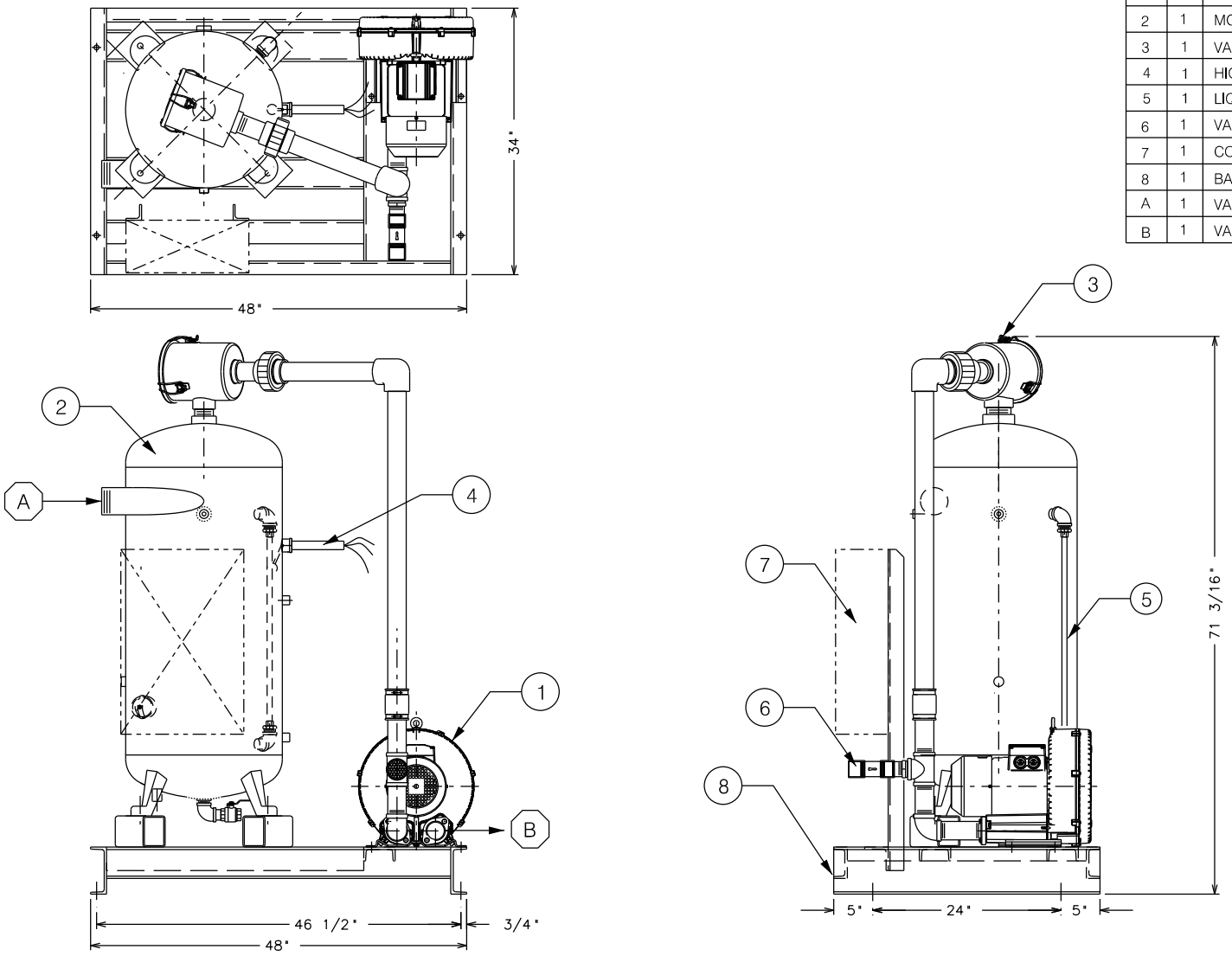
SOIL VAPOR EXTRACTION SYSTEM
1–SVE–1630–6.2

Drawing Ref. No. 927–1

Page 1 of

Effective Date: 8–03–10

ITEM	QTY	DESCRIPTION	SIZE	MODEL
1	1	VACUUM BLOWER	6.2HP	3BA1630–7AT36
2	1	MOISTURE SEPARATOR		60 GAL.
3	1	VACUUM INLET FILTER	2"	ATF–200–850S
4	1	HIGH LEVEL SWITCH		L6EPB–B–S–3–A
5	1	LIQUID LEVEL INDICATOR		
6	1	VACUUM RELIEF VALVE (8.5Hg)	2"	VC81Z
7	1	CONTROL PANEL		
8	1	BASE		
A	1	VACUUM INLET		3" NPT
B	1	VACUUM EXHAUST		2" NPT



Weight:

625 LBS

This drawing, related detail drawings, & technical information supplied with them are the property of AIRTECH INC. All equipment design & application data herein is considered confidential. No use or disclosure thereof may be made without written permission from AIRTECH INC.

TYPICAL DIMENSIONS ONLY. NOT TO BE USED FOR CONSTRUCTION WITHOUT CONSULTING FACTORY. SUBJECT TO CHANGE WITHOUT NOTICE.

927–1

AIRTECH® VACUUM

3BA1630

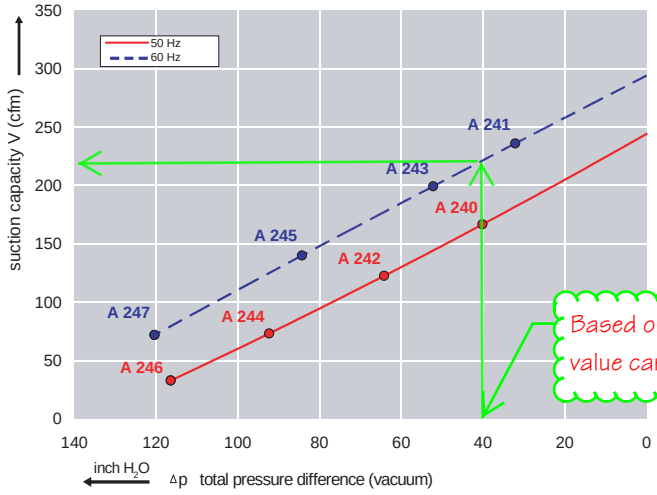
Vacuum/Pressure Regenerative Blower



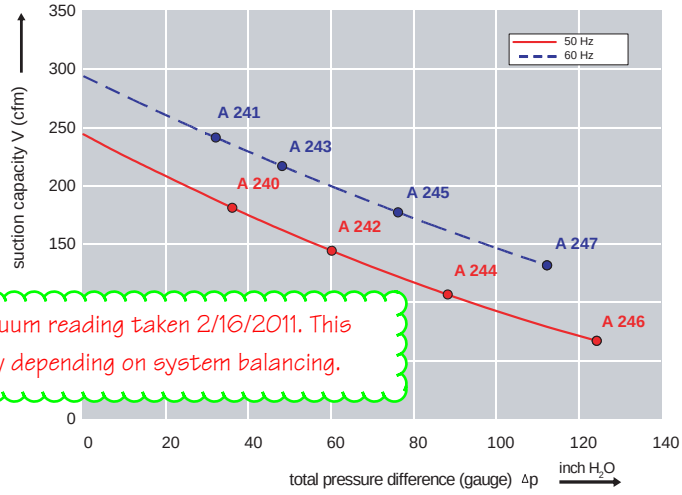
Features:

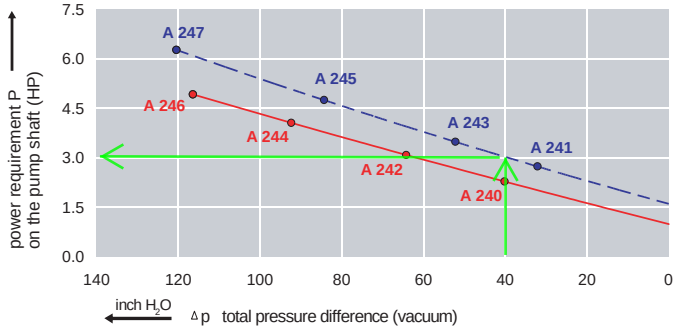
- Cooler running, outboard bearing provides maintenance-free operation
- Environmentally friendly oil-free technology
- Extremely quiet operation
- All motors are standard TEFC with Class F insulation, UL recognized, CE Compliant
  Explosion-Proof motors available
- Custom construction blowers are available
- Rugged die cast aluminum construction

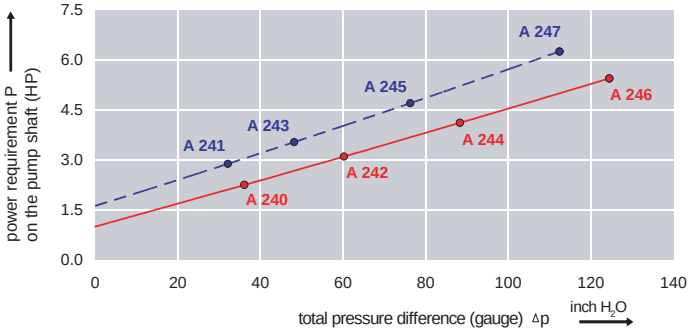
Performance curve for Vacuum pump

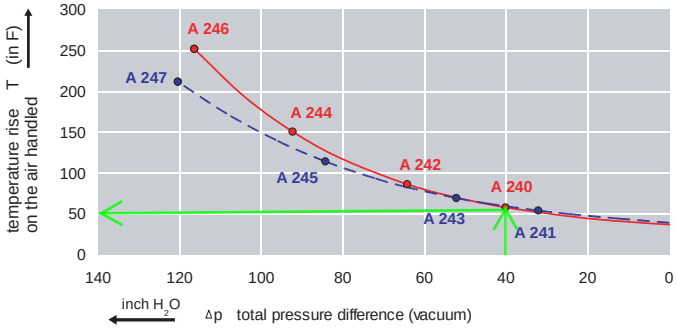


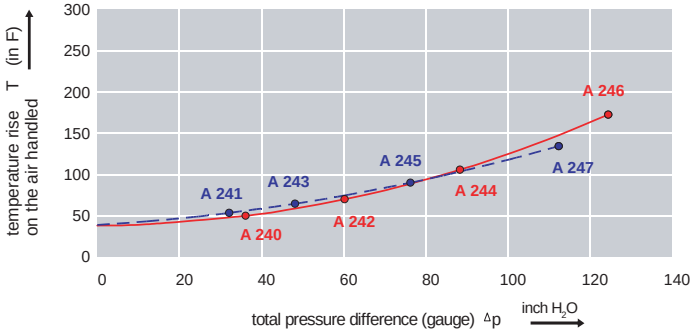
Performance curve for Compressor









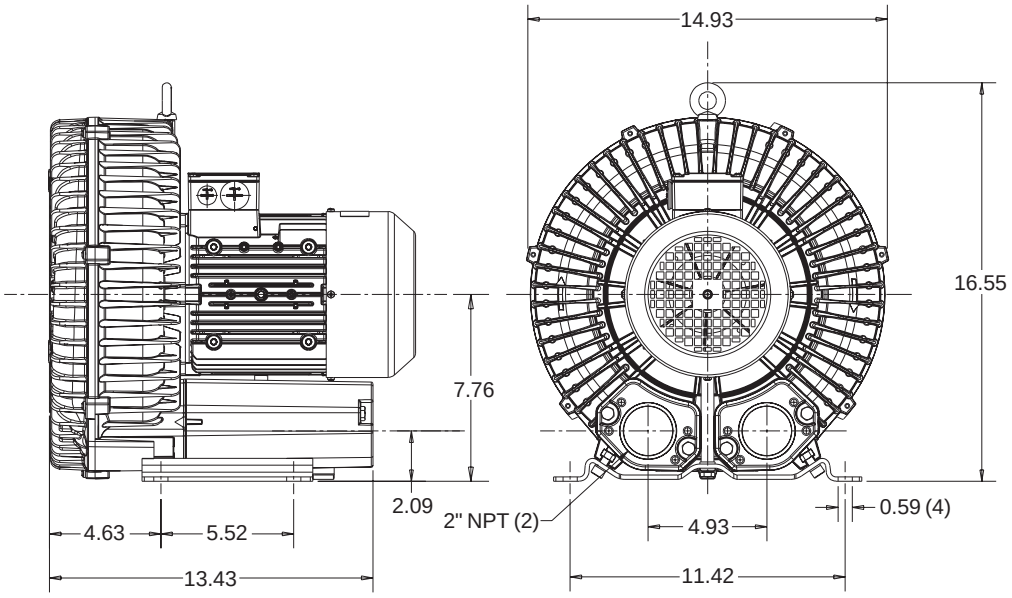


AIRTECH® VACUUM

3BA1630

Vacuum/Pressure Regenerative Blower

Dimensions: (inches)



Recommended Accessories:

Relief valve:

VC61Z (Vacuum)

PC61Z (Pressure)

Filter:

ATF-200-15124/1 (Vacuum)

AF-S30-200-10 (Pressure)

Specifications subject to change without notice. Please contact factory for specification updates.

Selection & Ordering Data - Type 3BA1630

Curve No.	Order No.	Frequency Hz	Rated power HP	Input voltage V		Input current A		Permissible total differential pressure Vacuum inch H2O	Permissible total differential pressure Compressor inch H2O	Sound pressure level dB(A)	Weight lbs
3~ 50/60 Hz IP55 insulation material class F											
A 240	3BA1630-7AT06	50	2.14	200D ... 240D	345Y ... 415Y	8.5D	4.9Y	-40	36	70	59
A 241	3BA1630-7AT06	60	2.75	220D ... 250D	415Y ... 460Y	7.5D	4.4Y	-32	32	73	59
A 242	3BA1630-7AT16	50	2.95	200D ... 240D	345Y ... 415Y	9.7D	5.6Y	-64	60	70	66
A 243	3BA1630-7AT16	60	3.42	220D ... 250D	415Y ... 460Y	9.0D	5.3Y	-52	48	73	66
A 244	3BA1630-7AT26	50	4.02	200D ... 240D	345Y ... 415Y	12.5D	7.2Y	-92	88	70	77
A 245	3BA1630-7AT26	60	4.62	220D ... 250D	415Y ... 460Y	12.0D	6.5Y	-84	76	73	77
A 246	3BA1630-7AT36	50	5.36	200D ... 240D	345Y ... 415Y	15.6D	9.0Y	-116	124	70	95
A 247	3BA1630-7AT36	60	6.17	220D ... 250D	415Y ... 460Y	15.2D	8.5Y	-120	112	73	95

Suitable for 208 Volt Operation

All curves are rated at 14.7 psia and 68˚ F ambient conditions and are reported in SCFM referenced to 68˚ F and 14.696 psia sea level conditions. Curve values are nominal, actual performance may vary by up to 10% of the values indicated. For inlet temperatures above approximately 80˚ F or for handling gases other than air, please contact your Airtech sales representative for assistance.

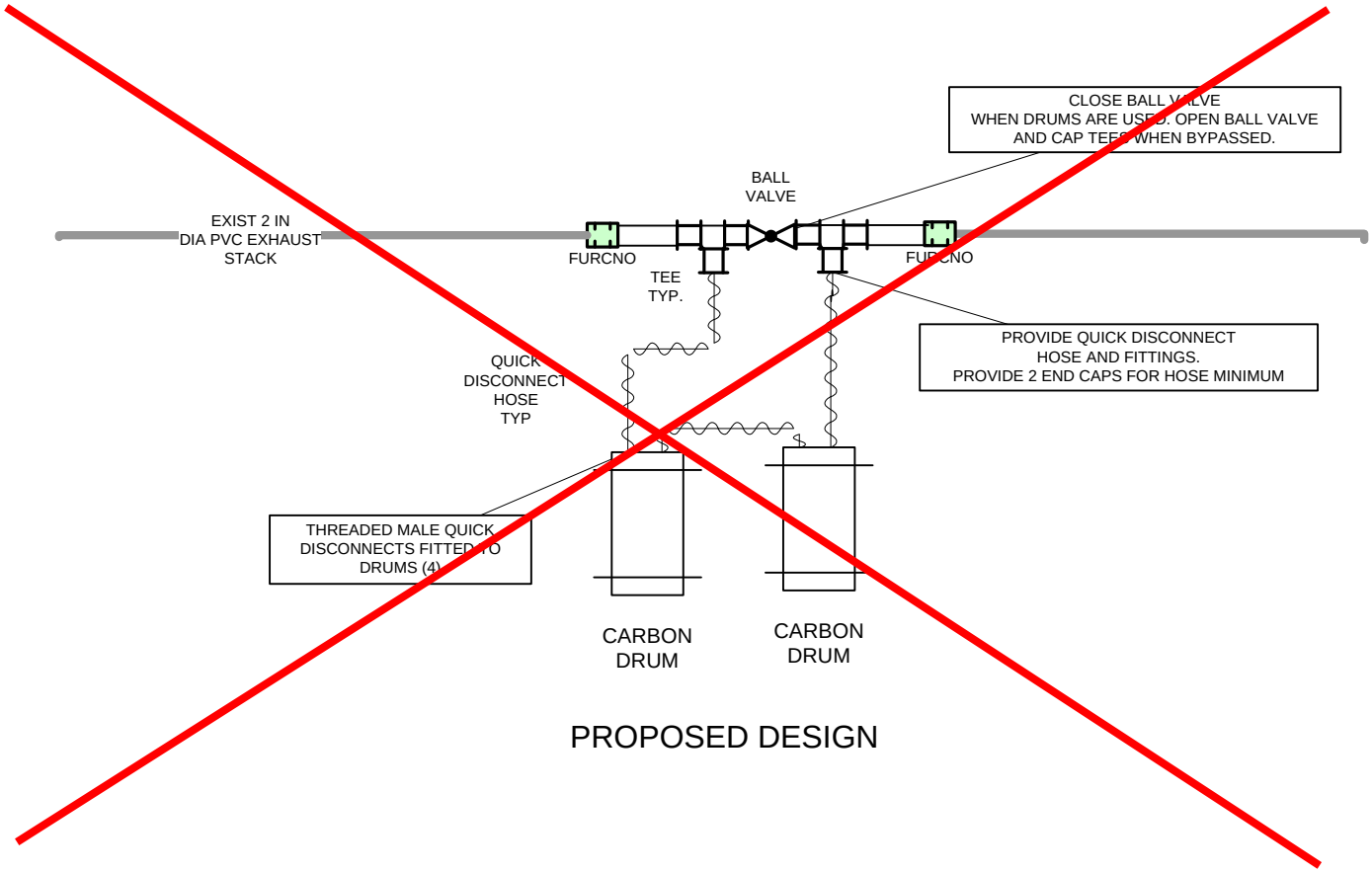
3BA1-3BA7
HIGH VACUUM-PRESSURE REGENERATIVE BLOWERS

3BA1 SERIES

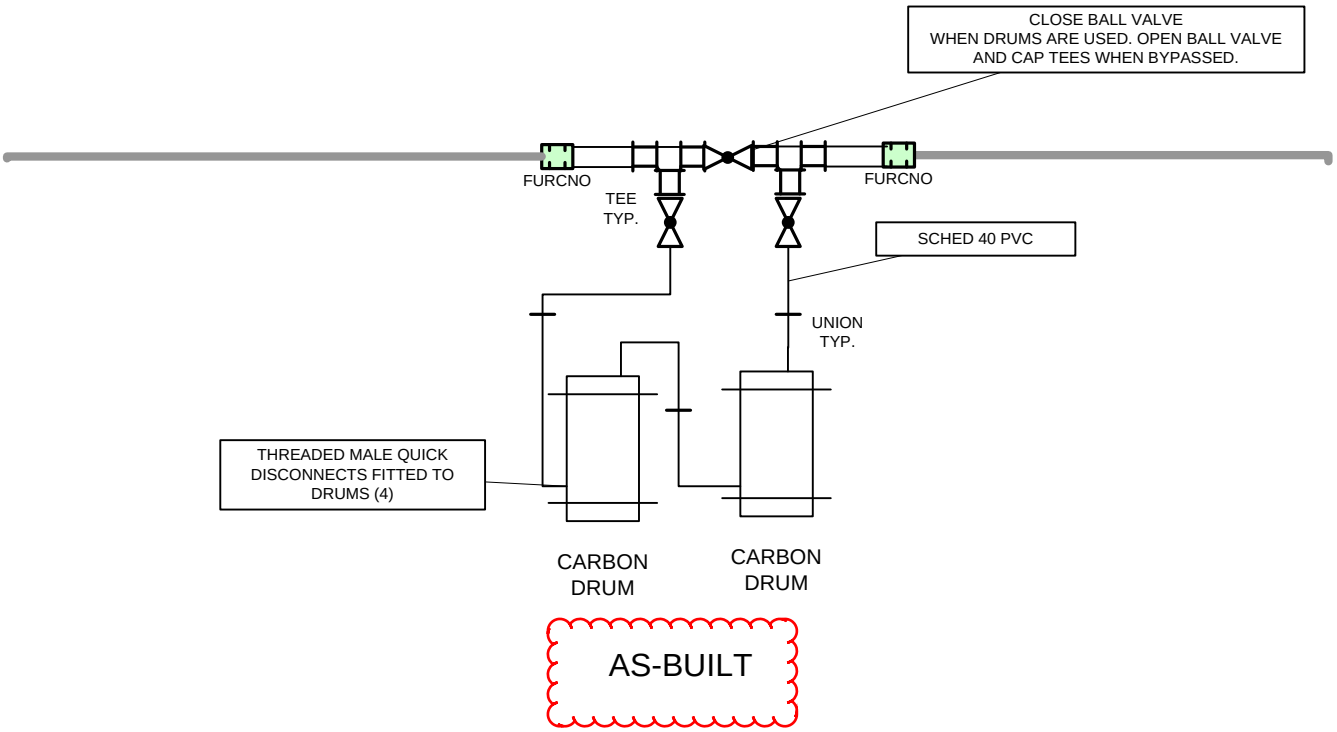
BLOWER MODEL	MAXIMUM FLOW CFM	MAXIMUM VACUUM In. H20	MAXIMUM PRESSURE In. H20
3BA1100	30	30	32
3BA1200	35	32	36
3BA1300	60	60	65
3BA1310	60	100	100
3BA1330	74	65	72
3BA1400	105	85	30
3BA1410	105	140	170
3BA1500	150	105	115
3BA1510	150	165	195
3BA1600	220	135	135
3BA1610	225	185	265
3BA1630	300	120	110
3BA1640	350	110	120
3BA1800	350	140	160
3BA1810	350	200	300
3BA1830	500	110	105
3BA1900	780	155	170
3BA1910	780	180	220
3BA1930	930	120	110
3BA1943	1440	125	95

3BA7 SERIES

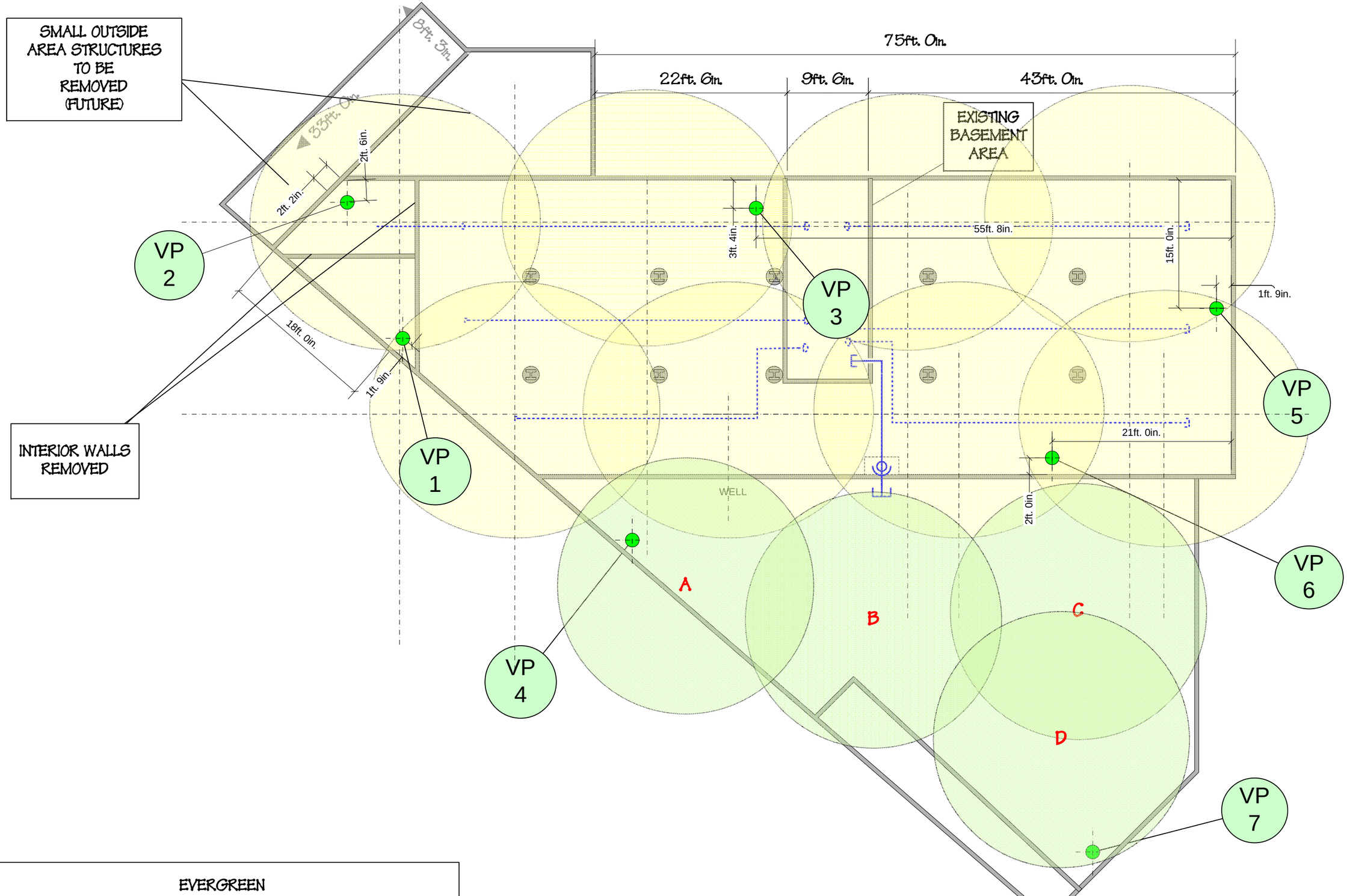
BLOWER MODEL	MAXIMUM FLOW CFM	MAXIMUM VACUUM In. H20	MAXIMUM PRESSURE In. H20
3BA7210	35	110	140
3BA7220	35	200	295
3BA7310	50	135	160
3BA7320	50	225	240
3BA7410	62	140	160
3BA7420	62	205	320
3BA7510	88	145	190
3BA7520	88	215	325
3BA7610	120	155	215
3BA7620	120	195	320
3BA7630	120	260	420



PROPOSED DESIGN



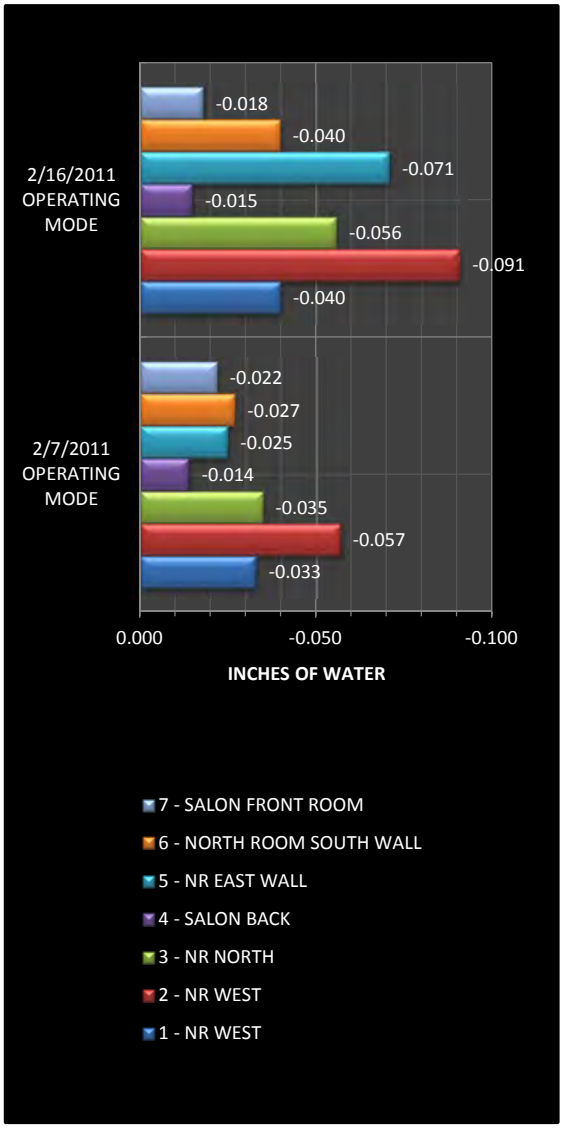
AS-BUILT



EVERGREEN 3 MANORHAVEN BLVD.		SIZE	FSCM NO	DWG NO EXISTING VAPOR POINT LOCATIONS	REV
DRAWN	ANDRIS LEDINS				
ISSUED	2/8/11	SCALE	SCHEMATIC	SHEET	1A OF 6

VACUUM MEASUREMENTS AT VAPOR POINTS
(Inches of Water)

Vapor Point Designation	Location		2/7/2011 OPERATING MODE C (vert well) closed all other Salon wells open wide. North room all valves open very small amount.	2/16/2011 OPERATING MODE ALL WELLS ONLINE
1 - NR WEST	NORTH ROOM		-0.033	-0.040
2 - NR WEST	NORTH ROOM		-0.057	-0.091
3 - NR NORTH	NORTH ROOM		-0.035	-0.056
4 - SALON BACK	S - BACK		-0.014	-0.015
5 - NR EAST WALL	NORTH ROOM		-0.025	-0.071
6 - NORTH ROOM SOUTH WALL	NORTH ROOM		-0.027	-0.040
7 - SALON FRONT ROOM	S -FRONT		-0.022	-0.018

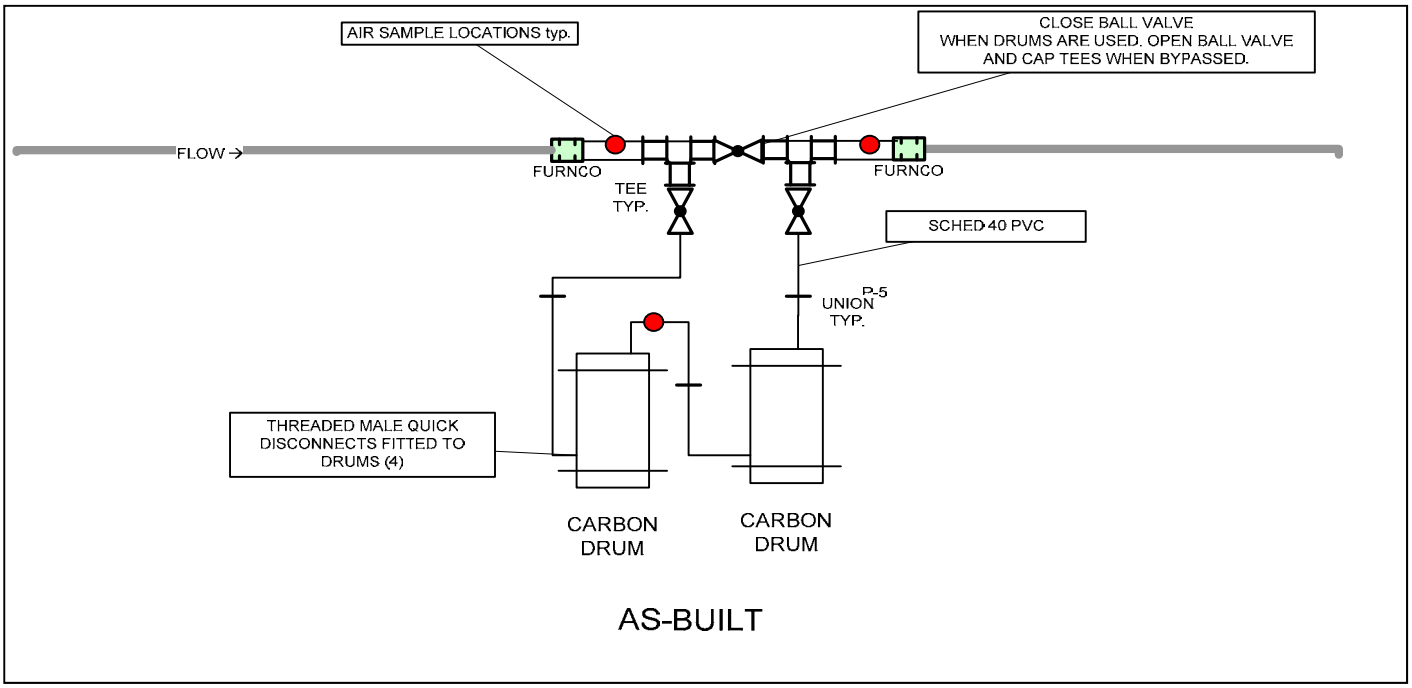


-0.121	LESS THAN -0.024
-0.001	GREATER THAN -0.004

NR = NORTH ROOM
S = SALON

CHEZ VALET

AIR SAMPLING @ CARBON DRUMS



	PPM TVOC (FIELD MEASURED U.O.N.)				
DATE	CARBON IN	BETWEEN DRUMS	POST	BYPASS MODE	NOTES
1/7/2011	2.2	7.1	4.8	2.6	BYPASS = WITH CARBON DRUMS OFF LINE
1/7/2011			6.4		SUSPECT HIGHER READINGS DUE TO RECENTLY GLUED PVC JOINTS.
1/7/2011					SUMMA CANISTERS TAKEN BEFORE AND AFTER CARBON


PIPE MANIFOLDS
CENTERLINE PIPE TRENCH




sub slab
depressurization
piping
location proposed sub
slab depressurization
system

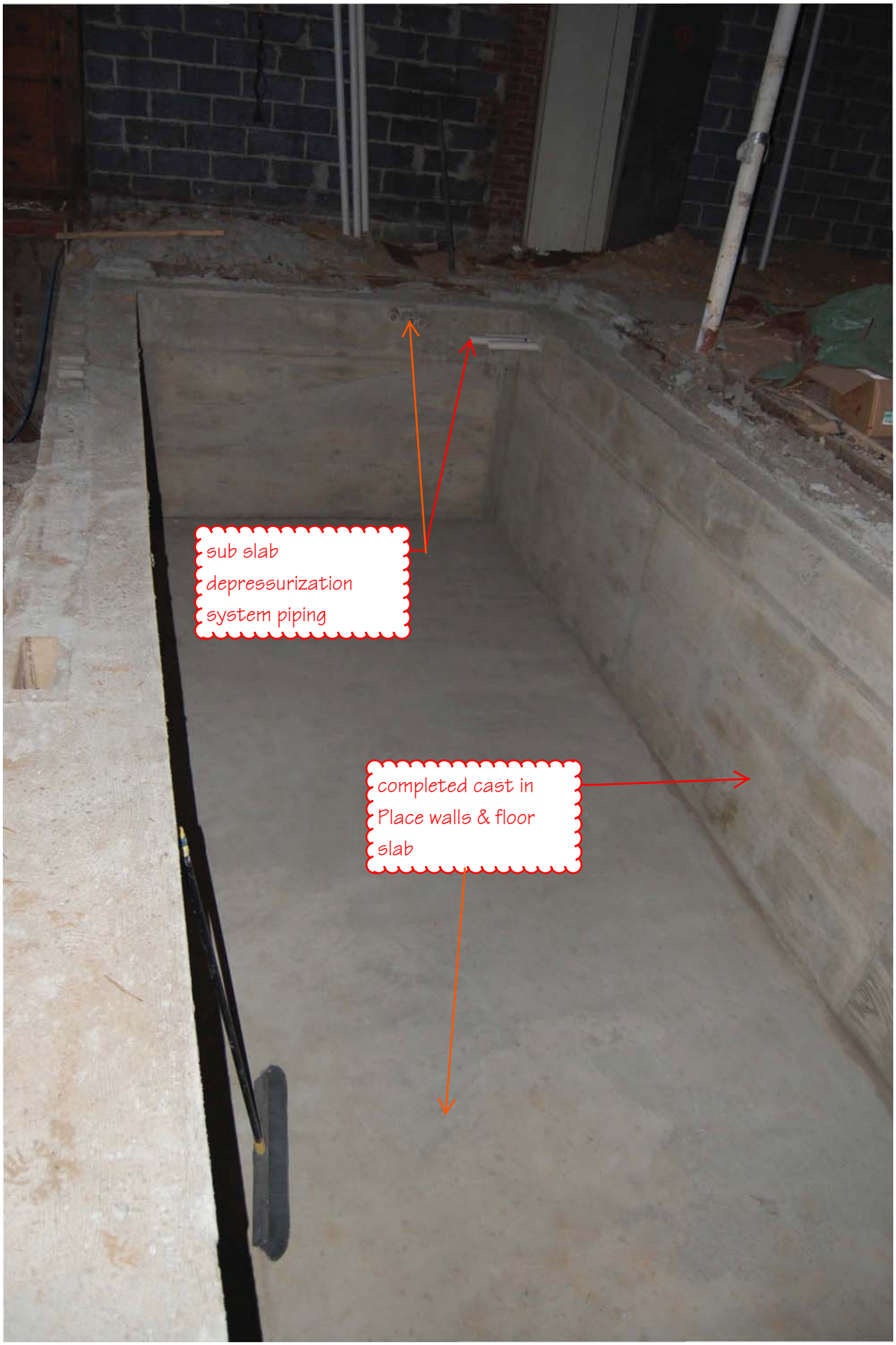

Piping to well A salon area. Piping field run through long ceiling.


piping to vertical wells
B, C, D in salon area.
Piping field run-
through on ceiling.


sub slab
depressurization
piping


sub slab depressurization piping
location proposed sub slab depressurization system


new cast in place concrete wall and floor slab installed to make basement area structurally sound and ready for sub slab depressurization equipment installation
old CMU basement wall.


sub slab
depressurization
system piping
completed cast in
Place walls & floor
slab


sub slab
depressurization
piping to salon area
sub slab
depressurization
piping


sub slab
depressurization
piping


entrance to
basement from north
side of building


each horizontal well provided with throttling valve, pressure gauge & sample tap
Sub slab depressurization system equipment


core for vertical well D

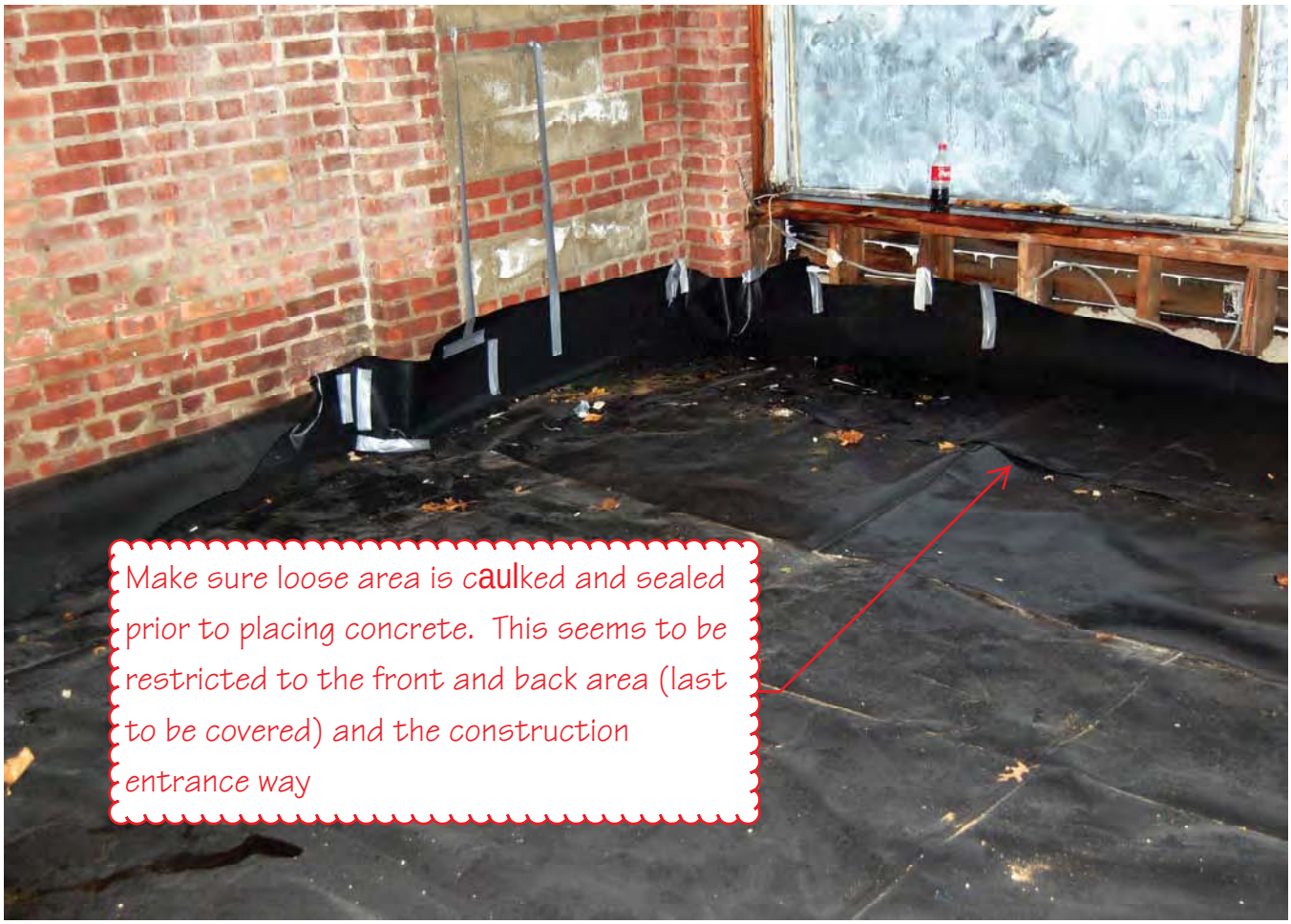

core for vertical well B


core for vertical well C


core through floor
slab location A


sub slab
depressurization
piping


sub slab
depressurization
piping


Make sure loose area is caulked and sealed prior to placing concrete. This seems to be restricted to the front and back area (last to be covered) and the construction entrance way


caulk and seal prior to placing concrete










RE-caulk and seal prior to placing concrete






















reposition liner &
caulk and seal
prior to placing
concrete.


Sub slab depressurization piping. This section replace with 20 slot will screen.


Completed floor slab


























EXHAUST FROM
SUBSLAB
DEPRESSURIZATION
SYSTEM




SAMPLE PORT (TYP.)
OUTLET
INLET


EXHAUST TO ROOF
INLET


EXHAUST TO ROOF


NEW HYDRAULIC CEMENT
SEAL AROUND VERTICAL
VACUUM WELL A


WELL B


VERTICAL WELL C
VERTICAL WELL B


VERTICAL WELL C
EXPOSED SCREEN
SEALED


EXIT
VERTICAL WELL C


OVERHEAD CONNECTION TO WELL C DISCONNECTED. REPAIR MADE AND WELL PUT BACK ON LINE.
CHARLOTTE PI