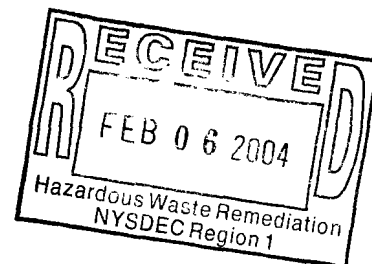


Groundwater Pump and Treat System Pilot Test Report

Site Location:

**Nassau Uniform Services, Inc.
525 Ray Street
Freeport, New York 11520**



Site No. 130063

Date: February 5, 2004

Prepared by:

**Anson Environmental Ltd.
771 New York Avenue
Huntington, New York 11743**

Project No. 03023-2

"Your Environmental Partner"

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1.0 Pilot Testing Introduction

On September 4, 2003, New York State Department of Environmental Conservation (NYSDEC) conditionally approved the "Conceptual Design for Groundwater Pump and Treat System at Nassau Uniform Services" previously submitted to NYSDEC and revised on August 21, 2003. This document described a procedure for performing one-time pilot testing with a ShallowTray Air Stripper manufactured by North East Environmental Products, Inc. (NEEP), West Lebanon, New Hampshire.

The pilot testing was performed to demonstrate the practicality of using the ShallowTray unit to remediate the contaminated groundwater at the Nassau Uniform Services (NUS) site. This report summarizes the activities performed during the pilot testing and contains the laboratory analytical reports for the air and water samples collected during that testing period.

The conceptual design document described the two phases of the planned pilot test. The first phase of the pilot test operated the air stripper for approximately one-hour. During that one-hour test, the liquid influent to the air stripper was the discharge water from a submersible pump located in the groundwater at a newly installed groundwater extraction well. The extraction well is located in an area where previous groundwater investigations uncovered elevated concentrations of volatile organic compounds (VOCs) contamination. The liquid effluent from the air stripper was discharged into 55-gallon DOT drums on-site. The vapor effluent from the air stripper was discharged to an existing 4-inch diameter exhaust stack that exits above the roof of the site building. Before the vapor effluent was discharged into the exhaust stack it passed through a 55-gallon air purification canister filled with granular activated carbon (GAC).

The second phase of the pilot test operated the air stripper for up to two-weeks. The air stripper test configuration for this phase was identical to the first phase with the exception that the liquid effluent was discharged into the local sewer system. Based on the laboratory analysis of the liquid effluent collected during the first phase of the test, Nassau County Department of Public Works (NCDPW) permitted the two-week discharge into the sewer system.

On December 17, 2003, Anson Environmental Ltd. (AEL) accepted delivery of a ShallowTray Air Stripper Model 1341P at the NUS site for prototype testing.

On Friday, December 19, 2003, the installation and preliminary checkout of the ShallowTray unit was completed.

2.0 One-Hour Pilot Test

On Monday, December 22, 2003, the ShallowTray Air Stripper was configured to extract groundwater from a recently installed 4-inch diameter PVC extraction well designated P&T# 1. This well is installed to 30-feet bgs (below grade surface) and is screened from 5 to 30-feet bgs. A 4-inch diameter submersible pump was installed in the well at 30-feet bgs. The groundwater output of the submersible pump was connected to the input port of the ShallowTray unit using flexible hose. Electrical power to the pump was controlled by a switch located adjacent to a site power panel at a nearby wall. The output liquid flowing from the ShallowTray unit was

discharged into 55-gallon DOT locked drums and stockpiled on-site. Once electrical power to the submersible pump and the ShallowTray unit were energized, water flowed into and out of the ShallowTray Air Stripper at approximately 9-gallons per minute.

The vapor output of the ShallowTray unit was connected to a 50-gallon filter canister containing granular activated carbon (GAC) using 4-inch diameter solid PVC piping. The output of the GAC filter was connected to the SVES (soil vapor extraction system) exhaust stack using an installed 4-inch diameter "Wye" fitting. The vapor exhaust from the ShallowTray unit was then directed to the existing 4-inch diameter exhaust stack to the top of the site building.

Twenty minutes after power to the ShallowTray and submersible pump was energized, a photoionization detector (PID) was used to measure the total volatile organic compounds (TVOCs) at sampling ports located at the input and output of the GAC filter canister. The recorded readings for this measurement are listed in Table 1.

Table 1
PID Reading at Input and Output of GAC Filter Canister

Sample Date: December 22, 2003

Sample Location	TVOCs (ppm)
Input	1.3
Output	6.9

At first examination, it appears that the GAC filter canister was not attenuating the concentration of TVOCs that was fed into its input. Later, it was determined that the PID field test instrument was not operating properly.

Forty-five minutes after the start of the one-hour pilot test, AEL collected influent and effluent water samples from the ShallowTray Air Stripper. These water samples were delivered to H2M Labs, Inc., Melville, New York, where they were analyzed for concentrations of TCL VOCs plus TICs, TCL Semi-VOCs plus TICs, and TAL metals (in accordance with the pilot test plan description). A summary of the compounds that were detected above the laboratory MDL (method detection limit) is listed in Table 2. The laboratory detected no concentrations of metals above the MDL. A copy of the complete laboratory analytical report the aforementioned collected water samples is presented in Appendix 1.

Table 2**Compounds Detected in ShallowTray Air Stripper Liquid Influent and Effluent During One-Hour Test**

Sample Date: December 22, 2003

Detected Compound	Influent (ug/L)	Effluent (ug/L)
1,2-Dichloroethene	100	35
Trichloroethene	190	42
Tetrachloroethene	1300	280

During the one-hour pilot test a ShallowTray liquid effluent sample was also collected for laboratory analysis to satisfy Nassau County Department of Public Works (NCDPW) requirements for authorization to discharge effluent to the local sewer system. This sample was also delivered to H2M Labs, Inc., and analyzed for concentrations of VOCs and Semi-VOCs using EPA Methods 8260 and 8270, and RCRA metals. A summary of the compounds and metals that were detected above the laboratory MDL are listed in Table 3. A copy of the complete laboratory analytical report for the aforementioned collected water sample is presented in Appendix 2.

Table 3**Compounds and Metals Detected in the ShallowTray Air Stripper Liquid Effluent During One-Hour Test**

Sample Date: December 22, 2003

Detected Compounds	Effluent (ug/L)
1,2-Dichloroethene	36
Trichloroethene	43
Tetrachloroethene	290
Detected Metals	
Aluminum	0.694
Calcium	14.8
Iron	1.63
Manganese	0.105
Sodium	22.5
Zinc	0.107

Based on the preceding laboratory results that were submitted to Mr. Maurice Osman, NCDPW, AEL was authorized to discharge the ShallowTray Air Stripper liquid effluent into the local sewer system piping. A copy of that authorization letter is presented in Appendix 3

Samples of the vapor input and output of the GAC air purification canister located at the output of the ShallowTray Air Stripper were also collected using Tedlar air bags. The collected air bag samples were delivered to Environmental Testing Laboratories, Inc., Farmingdale, New York where they were analyzed for concentrations of VOCs using EPA Methods 8260 and 8270. A summary of the compounds that were detected above the laboratory MDL is listed in Table 4. A copy of the complete laboratory analytical report the aforementioned collected vapor samples is presented in Appendix 4.

Table 4**Detected VOCs at Input and Output of Air Purification Canister**

Sample Date: December 22, 2003

Detected Analyte	Inflow (Influent) (mg/M³)	Outflow (Effluent) (mg/M³)	Outflow (Effluent) (ppm)
c-1,2-Dichloroethene	1.87	nd	
Trichloroethene	1.39	nd	
Tetrachloroethene	2.45	0.81	0.12

nd = not detected

The detected concentration of Tetrachloroethene (0.81 mg/M³) at the output of the air purification canister can be converted to 0.12 ppm (parts per million).

3.0 Two-Week Pilot Test

During the week of December 29, 2003 through January 4, 2003, after receiving effluent discharge authorization from NCDPW, AEL began a 24-hours per day operation of the pilot test ShallowTray Air Stripper. During that week, the unit was operated non-stop for 71-hours from 1230 hours December 30th to 1130 hours January 2, 2004. The unit was powered OFF over the weekend of January 2 through January 4, 2004.

During the week of January 5, 2004 through January 11, 2004, AEL operated the pilot test ShallowTray Air Stripper non-stop from 0800 hours January 5 through 1200 hours January 8, 2004, for a total of 76-hours.

On December 31, 2003, to comply with a NCDPW requirement contained in their two-week P&T pilot test authorization letter, approximately 24-hours after the start of the test, AEL collected ShallowTray liquid effluent samples. These samples were delivered to H2M Labs where they were analyzed for concentrations of VOCs, using EPA Methods 8260 and 8270, and RCRA metals.

A summary of the compounds that were detected in the liquid samples above the laboratory MDL is listed in Table 5. The laboratory detected no concentrations of metals above their MDL. A copy of the complete laboratory analytical report the aforementioned collected water samples are presented in Appendix 5.

Table 5**Compounds Detected in the ShallowTray Air Stripper Liquid Effluent After 24-Hours of Operation**

Sample Date December 31, 2003

Detected Compound	ShallowTray Effluent (ug/L)
1,2-Dichloroethene	140
Trichloroethene	110
Tetrachloroethene	450

On January 8th the two-week pilot test was concluded. A few minutes before the ShallowTray Air Stripper unit powered OFF, AEL collected influent and effluent liquid and vapor samples for laboratory analysis. The collected liquid samples were delivered to H2M Labs, Inc., where they were analyzed for concentrations of TCL VOCs plus TICs, TCL Semi-VOCs plus TICs, and TAL metals. The collected vapor samples were delivered to ETL where they were analyzed for concentrations of VOCs using EPA Methods 8260 and 8270.

A summary of the compounds and metals that were detected in the liquid samples above the laboratory MDL are listed in Table 6. A copy of the complete laboratory analytical report the aforementioned collected water samples are presented in Appendix 6.

Table 6**Compounds and Metals Detected in the ShallowTray Air Stripper Liquid Influent and Effluent at Conclusion of Two-Week Test**

Sample Date: January 8, 2004

Analyte Detected	Influent (ug/L)	Effluent (ug/L)
Lead	46.6	<3
Vinyl Chloride	65	<10
1,2-Dichloroethene	780	<10
Trichloroethene	600	<10
Tetrachloroethene	3800	<10

4.0 P&T Air Purification Canister

On January 8, 2004, samples of the vapor input and output of the GAC filter canister located at the output of the ShallowTray Air Stripper were also collected using Tedlar air bags. The collected air bag samples were delivered to ETL where they were analyzed for concentrations of VOCs using EPA Methods 8260 and 8270. A summary of the compounds that were detected above the laboratory MDL is listed in Table 7. A copy of the complete laboratory analytical report the aforementioned collected vapor samples is presented in Appendix 7.

Table 7

Compounds Detected at the Input and Output of the P&T Air Purification Canister

Sample Date: January 8, 2004

Detected Compound	GAC Filter Input (mg/m³)	GAC Filter Output (mg/m³)	GAC Filter Output (ppm)
Vinyl Chloride	0.40	0.49	0.19
c-1,2-Dichloroethene	1.55	0.082	0.02
Tetrachloroethene	3.50	1.22	0.18
Trichloroethene	1.55	nd	na

nd = not detected

na = not applicable

5.0 Pilot Test Conclusions

The ShallowTray pilot test unit was equipped with many features that are used to control and monitor its operation. Among one of its many features the ShallowTray Air Stripper unit has the capability of controlling the flow of influent being pumped from the extraction well. It also uses a similar feedback system to control the flow of effluent from the air stripper. During both phases of the pilot test (one-hour and two-week), AEL was not equipped to take advantage of these two features. Consequently, the samples collected and analyzed early in the testing periods did not adequately demonstrate the full potential of the ShallowTray Air Stripper to remediate the groundwater at the site.

By the end of the two-week test period, AEL gained enough experience with the air stripper so that influent and effluent liquid flow could be manually controlled for extended periods with good results. This is illustrated in Table 6 that lists the compounds and metals detected in the ShallowTray Air Stripper liquid influent and effluent at the conclusion of the two-week test.

Based on the results of the pilot testing of the ShallowTray Air Stripper, AEL believes that it is well suited for remediating VOC contamination in the groundwater at the NUS site.

The revised "Conceptual Design for Groundwater Pump and Treat System", dated August 21, 2003 describes the ShallowTray Air Stripper Model 2631 that AEL plans to use for the final P&T system. The Model 2631 is rated for a water flow rate of 40-gallons per minute and will be installed at the site using a dedicated exhaust stack that will discharge vapor to the atmosphere above the roof of the building. This air stripper will operate using all of the automatic features that are incorporated into its design.

Appendix 1

P&T One-Hour Pilot Test

Laboratory Results for Collected Influent and Effluent Liquid Samples

Sample Date: December 22, 2003

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : 0312728-001A

Sample Information...

Type : Aqueous

Origin:

Client ID. : INFLUENT

Collected 12/22/2003 2:40:00 PM

Received 12/22/2003 4:00:00 PM

Collected By : CLIENT

Copy : Original

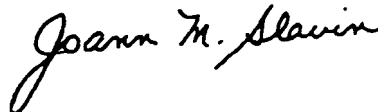
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Arsenic	< 10.0	µg/L	SW6010B	12/23/2003 1:56 PM
Barium	< 0.200	mg/L	SW6010B	12/23/2003 1:56 PM
Chromium	< 0.010	mg/L	SW6010B	12/23/2003 1:56 PM
Lead	< 3.00	µg/L	SW6010B	12/23/2003 1:56 PM
Selenium	< 5.00	µg/L	SW6010B	12/23/2003 1:56 PM
Cadmium	< 5.00	µg/L	SW6010B	12/23/2003 1:56 PM
Silver	< 0.010	mg/L	SW6010B	12/23/2003 1:56 PM
Mercury	< 0.200	µg/L	SW7470	12/29/2003 12:02 PM
Phenol	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2-Chlorophenol	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2-Methylphenol	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
4-Methylphenol	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Hexachloroethane	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Nitrobenzene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Isophorone	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2-Nitrophenol	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2,4-Dimethylphenol	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Naphthalene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
4-Chloroaniline	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	12/26/2003 12:27 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2-Nitroaniline	< 25	µg/L	SW8270B	12/26/2003 12:27 PM
Dimethylphthalate	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Acenaphthylene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM

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

Date Reported : 12/30/2003

Laboratory Manager



H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : 0312728-001A

Sample Information...

Type : Aqueous

Origin:

Client ID. : INFLUENT

Collected 12/22/2003 2:40:00 PM

Received 12/22/2003 4:00:00 PM

Collected By : CLIENT

Copy : Original

CC

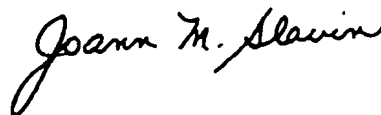
Parameter(s)	Results	Units	Method Number	Analyzed
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
3-Nitroaniline	< 25	µg/L	SW8270B	12/26/2003 12:27 PM
Acenaphthene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	12/26/2003 12:27 PM
4-Nitrophenol	< 25	µg/L	SW8270B	12/26/2003 12:27 PM
Dibenzofuran	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Diethylphthalate	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Fluorene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
4-Nitroaniline	< 25	µg/L	SW8270B	12/26/2003 12:27 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	12/26/2003 12:27 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Pentachlorophenol	< 25	µg/L	SW8270B	12/26/2003 12:27 PM
Phenanthrene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Anthracene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Carbazole	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Fluoranthene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Pyrene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Butyl benzyl phthalate	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	12/26/2003 12:27 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Chrysene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Benzo(g,h,i)perylene	< 10	µg/L	SW8270B	12/26/2003 12:27 PM
Chloromethane	< 100	D µg/L	SW8260B	12/27/2003 12:02 AM
Chloromethane	< 10	µg/L	SW8260B	12/24/2003 1:45 AM
Bromomethane	< 10	µg/L	SW8260B	12/24/2003 1:45 AM
Bromomethane	< 100	D µg/L	SW8260B	12/27/2003 12:02 AM

Qualifiers: E - Value above quantitation range

D - Results for Dilution

Date Reported : 12/30/2003

Laboratory Manager



H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : **0312728-001A**

Sample Information...

Type : Aqueous

Origin:

Client ID. : INFLUENT

Collected 12/22/2003 2:40:00 PM

Received 12/22/2003 4:00:00 PM

Collected By : CLIENT

Copy : Original

CC

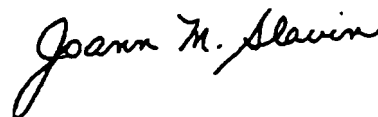
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Vinyl chloride	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Chloroethane	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Chloroethane	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Methylene chloride	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Methylene chloride	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Acetone	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Acetone	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
1,1-Dichloroethene	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
1,1-Dichloroethene	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Carbon disulfide	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Carbon disulfide	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
1,1-Dichloroethane	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
1,1-Dichloroethane	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
1,2-Dichloroethene (total)	100		µg/L	SW8260B	12/24/2003 1:45 AM
1,2-Dichloroethene (total)	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Chloroform	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Chloroform	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
1,2-Dichloroethane	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
1,2-Dichloroethane	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
2-Butanone	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
2-Butanone	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
1,1,1-Trichloroethane	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
1,1,1-Trichloroethane	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Carbon tetrachloride	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Carbon tetrachloride	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Bromodichloromethane	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Bromodichloromethane	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
1,2-Dichloropropane	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
1,2-Dichloropropane	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
cis-1,3-Dichloropropene	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
cis-1,3-Dichloropropene	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Trichloroethene	150		µg/L	SW8260B	12/24/2003 1:45 AM
Trichloroethene	190	D	µg/L	SW8260B	12/27/2003 12:02 AM
Dibromochloromethane	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Dibromochloromethane	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
1,1,2-Trichloroethane	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
1,1,2-Trichloroethane	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Benzene	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM

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

Date Reported : 12/30/2003

Page 3 of 8

Laboratory Manager



H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : **0312728-001A**

Sample Information...

Type : Aqueous

Origin:

Client ID. : INFLUENT

Collected 12/22/2003 2:40:00 PM

Received 12/22/2003 4:00:00 PM

Collected By : CLIENT

Copy : Original

CC

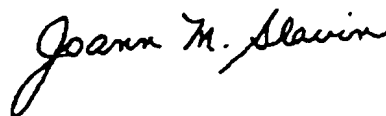
Parameter(s)	Results		Units	Method Number	Analyzed
Benzene	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
trans-1,3-Dichloropropene	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
trans-1,3-Dichloropropene	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Bromoform	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Bromoform	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
4-Methyl-2-pentanone	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
4-Methyl-2-pentanone	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
2-Hexanone	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
2-Hexanone	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Tetrachloroethene	1100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Tetrachloroethene	1300	E	µg/L	SW8260B	12/24/2003 1:45 AM
1,1,2,2-Tetrachloroethane	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
1,1,2,2-Tetrachloroethane	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Toluene	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Toluene	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Chlorobenzene	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Chlorobenzene	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Ethylbenzene	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Ethylbenzene	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Styrene	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Styrene	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM
Xylene (total)	< 10		µg/L	SW8260B	12/24/2003 1:45 AM
Xylene (total)	< 100	D	µg/L	SW8260B	12/27/2003 12:02 AM

Qualifiers E - Value above quantitation range

D - Results for Dilution

Date Reported : 12/30/2003

Laboratory Manager



LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : 0312728-002A

Sample Information...
Type : Aqueous

Origin:

Client ID. : EFFLUENT

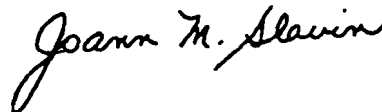
Collected 12/22/2003 2:40:00 PM
Received 12/22/2003 4:00:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Arsenic	< 10.0	µg/L	SW6010B	12/23/2003 2:05 PM
Barium	< 0.200	mg/L	SW6010B	12/23/2003 2:05 PM
Chromium	< 0.010	mg/L	SW6010B	12/23/2003 2:05 PM
Lead	< 3.00	µg/L	SW6010B	12/23/2003 2:05 PM
Selenium	< 5.00	µg/L	SW6010B	12/23/2003 2:05 PM
Cadmium	< 5.00	µg/L	SW6010B	12/23/2003 2:05 PM
Silver	< 0.010	mg/L	SW6010B	12/23/2003 2:05 PM
Mercury	< 0.200	µg/L	SW7470	12/29/2003 12:05 PM
Phenol	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2-Chlorophenol	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2-Methylphenol	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
4-Methylphenol	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Hexachloroethane	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Nitrobenzene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Isophorone	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2-Nitrophenol	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2,4-Dimethylphenol	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Naphthalene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
4-Chloroaniline	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	12/26/2003 12:59 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2-Nitroaniline	< 25	µg/L	SW8270B	12/26/2003 12:59 PM
Dimethylphthalate	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Acenaphthylene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM

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

Date Reported : 12/30/2003

Laboratory Manager



H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : 0312728-002A

Sample Information...

Type : Aqueous

Origin:

Client ID. : EFFLUENT

Collected 12/22/2003 2:40:00 PM

Received 12/22/2003 4:00:00 PM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Method Number	Analyzed
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
3-Nitroaniline	< 25	µg/L	SW8270B	12/26/2003 12:59 PM
Acenaphthene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	12/26/2003 12:59 PM
4-Nitrophenol	< 25	µg/L	SW8270B	12/26/2003 12:59 PM
Dibenzofuran	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Diethylphthalate	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Fluorene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
4-Nitroaniline	< 25	µg/L	SW8270B	12/26/2003 12:59 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	12/26/2003 12:59 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Pentachlorophenol	< 25	µg/L	SW8270B	12/26/2003 12:59 PM
Phenanthrene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Anthracene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Carbazole	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Fluoranthene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Pyrene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Butyl benzyl phthalate	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	12/26/2003 12:59 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Chrysene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Benzo(g,h,i)perylene	< 10	µg/L	SW8270B	12/26/2003 12:59 PM
Chloromethane	< 20	D µg/L	SW8260B	12/27/2003 12:31 AM
Chloromethane	< 10	µg/L	SW8260B	12/24/2003 2:13 AM
Bromomethane	< 10	µg/L	SW8260B	12/24/2003 2:13 AM
Bromomethane	< 20	D µg/L	SW8260B	12/27/2003 12:31 AM

Qualifiers: E - Value above quantitation range

D - Results for Dilution

Date Reported : 12/30/2003

Laboratory Manager

LABORATORY RESULTSAnson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :Lab No. : **0312728-002A**

Sample Information...

Type : Aqueous

Origin:

Client ID. : EFFLUENT

Collected 12/22/2003 2:40:00 PM

Received 12/22/2003 4:00:00 PM

Collected By : CLIENT

Copy : Original

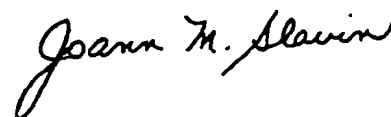
CC

Parameter(s)	Results		Units	Method Number	Analyzed
Vinyl chloride	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
Vinyl chloride	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Chloroethane	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
Chloroethane	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Methylene chloride	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Methylene chloride	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
Acetone	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
Acetone	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
1,1-Dichloroethene	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
1,1-Dichloroethene	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
Carbon disulfide	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
Carbon disulfide	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
1,1-Dichloroethane	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
1,1-Dichloroethane	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
1,2-Dichloroethene (total)	35		µg/L	SW8260B	12/24/2003 2:13 AM
1,2-Dichloroethene (total)	34	D	µg/L	SW8260B	12/27/2003 12:31 AM
Chloroform	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Chloroform	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
1,2-Dichloroethane	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
1,2-Dichloroethane	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
2-Butanone	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
2-Butanone	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
1,1,1-Trichloroethane	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
1,1,1-Trichloroethane	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Carbon tetrachloride	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
Carbon tetrachloride	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Bromodichloromethane	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Bromodichloromethane	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
1,2-Dichloropropane	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
1,2-Dichloropropane	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
cis-1,3-Dichloropropene	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
cis-1,3-Dichloropropene	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Trichloroethene	39		µg/L	SW8260B	12/24/2003 2:13 AM
Trichloroethene	42	D	µg/L	SW8260B	12/27/2003 12:31 AM
Dibromochloromethane	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Dibromochloromethane	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
1,1,2-Trichloroethane	< 10		µg/L	SW8260B	12/24/2003 2:13 AM
1,1,2-Trichloroethane	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM
Benzene	< 20	D	µg/L	SW8260B	12/27/2003 12:31 AM

Qualifiers: E - Value above quantitation range

D - Results for Dilution

Date Reported : 12/30/2003



Laboratory Manager

EXTERNAL CHAIN OF CUSTODY

DINAK, BOBAY, LABORATORY

Appendix 2

P&T One-Hour Pilot Test

Laboratory Results for Effluent Liquid Samples

Sample Date: December 22, 2003

H2M LABS, INC.575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID# 10478**LABORATORY RESULTS**Anson Environmental, Ltd.
771 New York Ave
Huntington, NY 11743
Attn To :

Lab No. : 0312727-001A

Sample Information...
Type Aqueous

Origin

Client ID. : 122203 PT DISCHARGE

Collected 12/22/2003 2:35:00 PM

Received 12/22/2003 4:00:00 PM

Collected By : CLIENT

Copy : Original

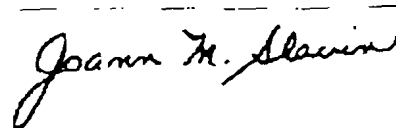
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Aluminum	0.694	mg/L	SW6010B	12/23/2003 1:46 PM
Antimony	< 60.0	µg/L	SW6010B	12/23/2003 1:46 PM
Arsenic	< 10.0	µg/L	SW6010B	12/23/2003 1:46 PM
Barium	< 0.200	mg/L	SW6010B	12/23/2003 1:46 PM
Calcium	14.8	mg/L	SW6010B	12/23/2003 1:46 PM
Chromium	< 0.010	mg/L	SW6010B	12/23/2003 1:46 PM
Cobalt	< 0.050	mg/L	SW6010B	12/23/2003 1:46 PM
Copper	< 0.025	mg/L	SW6010B	12/23/2003 1:46 PM
Iron	1.83	mg/L	SW6010B	12/23/2003 1:46 PM
Lead	< 3.00	µg/L	SW6010B	12/23/2003 1:46 PM
Magnesium	< 5.00	mg/L	SW6010B	12/23/2003 1:46 PM
Manganese	0.105	mg/L	SW6010B	12/23/2003 1:46 PM
Nickel	< 0.040	mg/L	SW6010B	12/23/2003 1:46 PM
Potassium	< 5.00	mg/L	SW6010B	12/23/2003 1:46 PM
Selenium	< 5.00	µg/L	SW6010B	12/23/2003 1:46 PM
Sodium	22.5	mg/L	SW6010B	12/23/2003 1:46 PM
Thallium	< 10.0	µg/L	SW6010B	12/23/2003 1:46 PM
Vanadium	< 0.050	mg/L	SW6010B	12/23/2003 1:46 PM
Zinc	0.107	mg/L	SW6010B	12/23/2003 1:46 PM
Beryllium	< 5.00	µg/L	SW8010B	12/23/2003 1:46 PM
Cadmium	< 5.00	µg/L	SW6010B	12/23/2003 1:46 PM
Silver	< 0.010	mg/L	SW6010B	12/23/2003 1:46 PM
Mercury	< 0.200	µg/L	SW7470	12/29/2003 11:10 AM
Phenol	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2-Chlorophenol	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2-Methylphenol	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
4-Methylphenol	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Hexachloroethane	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Nitrobenzene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Isophorone	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2-Nitrophenol	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2,4-Dimethylphenol	< 10	µg/L	SW8270B	12/26/2003 11:55 AM

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

Date Reported : 12/21/2003

Page 1 of 4


Laboratory Manager

12/29/2003 13:37 16314208436

HDM LABS, INC.575 Broad Hollow Road, Melville NY 11747
(631) 664-3040, FAX: (631) 420-8436 NYSDOH ID# 10478**LABORATORY RESULT!!**Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To .

Lab No. : 0312727-001A

Sample Information...
Type : Aqueous

Origin

Client ID. : 122203 PT DISCHARGE

Collected 12/22/2003 2:35:00 PM

Received 12/22/2003 4:00:00 PM

Collected By : CLIENT

Copy : Original

CC

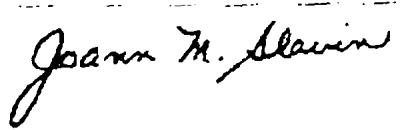
Parameter(s)	Results	Units	Method Number	Analyzed
Bis(2-chloroethoxy) methane	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Naphthalene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
4-Chloroaniline	< 10	µg/L	SW8270B	12/25/2003 11:55 AM
Hexachlorobutadiene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2-Methylnaphthalene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	12/26/2003 11:55 AM
2-Chloronaphthalene	< 10	µg/L	SW8270B	12/25/2003 11:55 AM
2-Nitroaniline	< 25	µg/L	SW8270B	12/26/2003 11:55 AM
Dimethylphthalate	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Acenaphthylene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
3-Nitroaniline	< 25	µg/L	SW8270B	12/26/2003 11:55 AM
Acenaphthene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	12/26/2003 11:55 AM
4-Nitrophenol	< 25	µg/L	SW8270B	12/26/2003 11:55 AM
Dibenzofuran	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Diethylphthalate	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Fluorene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
4-Nitroaniline	< 25	µg/L	SW8270B	12/26/2003 11:55 AM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	12/26/2003 11:55 AM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Hexachlorobenzene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Pentachlorophenol	< 25	µg/L	SW8270B	12/26/2003 11:55 AM
Phenanthrene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Anthracene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Carbazole	< 10	µg/L	SW8270B	12/25/2003 11:55 AM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	12/25/2003 11:55 AM
Fluoranthene	< 10	µg/L	SW8270B	12/25/2003 11:55 AM
Pyrene	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
Butyl benzyl phthalate	< 10	µg/L	SW8270B	12/26/2003 11:55 AM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	12/26/2003 11:55 AM

Qualifiers E - Value above quantitation range

D - Results to Dilution

Date Reported 12/29/2003

Page 2 of 4


 Laboratory Manager

H2M LABS, INC.575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX (631) 420-8436 NYSDOH ID# 10478**LABORATORY RESULT:**Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :Lab No. : **0312727-001A**

Sample Information...

Type Aqueous

Origin.

Client ID. : 122203 PT DISCHARGE

Collected 12/22/2003 2:35:00 PM

Received 12/22/2003 4:00:00 PM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results		Units	Method Number	Analyzed
Benzo(a)anthracene	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Chrysene	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Bis(2-ethylhexyl)phthalate	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Di-n-octyl phthalate	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Benzo(b)fluoranthene	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Benzo(k)fluoranthene	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Benzo(a)pyrene	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Indeno(1,2,3-cd)pyrene	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Dibenzo(a,h)anthracene	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Benzo(g,h,i)perylene	< 10		µg/L	SW8270B	12/26/2003 11:55 AM
Chloromethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Chloromethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Bromomethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Bromomethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Vinyl chloride	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Vinyl chloride	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Chloroethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Chloroethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Methylene chloride	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Methylene chloride	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Acetone	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Acetone	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
1,1-Dichloroethene	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
1,1-Dichloroethene	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Carbon disulfide	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Carbon disulfide	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
1,1-Dichloroethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
1,1-Dichloroethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
1,2-Dichloroethene (total)	36		µg/L	SW8260B	12/24/2003 1:16 AM
1,2-Dichloroethene (total)	33	D	µg/L	SW8260B	12/26/2003 11:34 PM
Chloroform	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Chloroform	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
1,2-Dichloroethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
1,2-Dichloroethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
2-Butanone	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
2-Butanone	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
1,1,1-Trichloroethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
1,1,1-Trichloroethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM

Qualifiers E - value above quantitation range
D - Results to Dilution*Joann M. Slawin*

Laboratory Manager

Date Reported : 12/24/2003

Page 3 of 4

H2M LABS, INC.575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX (631) 420-8436 NYSDOH ID# 10478**LABORATORY RESULT::**Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :Lab No. : **0312727-001A**Sample Information...
Type Aqueous

Origin

Client ID. : 122203 PT DISCHARGE

Collected 12/22/2003 2:35:00 PM
Received 12/22/2003 4:00:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results		Units	Method Number	Analyzed
Carbon tetrachloride	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Carbon tetrachloride	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Bromodichloromethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Bromodichloromethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
1,2-Dichloropropane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
1,2-Dichloropropane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
cis-1,3-Dichloropropene	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
cis-1,3-Dichloropropene	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Trichloroethane	43	D	µg/L	SW8260B	12/26/2003 11:34 PM
Trichloroethane	41		µg/L	SW8260B	12/24/2003 1:16 AM
Dibromochloromethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Dibromochloromethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
1,1,2-Trichloroethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
1,1,2-Trichloroethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Benzene	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Benzene	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
trans-1,3-Dichloropropene	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
trans-1,3-Dichloropropene	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Bromoform	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Bromoform	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
4-Methyl-2-pentanone	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
4-Methyl-2-pentanone	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
2-Hexanone	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
2-Hexanone	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Tetrachloroethane	260	D	µg/L	SW8260B	12/26/2003 11:34 PM
Tetrachloroethane	290	E	µg/L	SW8260B	12/24/2003 1:16 AM
1,1,2,2-Tetrachloroethane	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
1,1,2,2-Tetrachloroethane	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Toluene	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Toluene	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Chlorobenzene	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Chlorobenzene	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Ethylbenzene	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Ethylbenzene	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Styrene	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Styrene	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM
Xylene (total)	< 10		µg/L	SW8260B	12/24/2003 1:16 AM
Xylene (total)	< 20	D	µg/L	SW8260B	12/26/2003 11:34 PM

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

Date Reported: 12/29/2003

Page 4 of 4

Joann M. Slavin

Laboratory Manager

Tel: (516) 694-3040 Fax: (516) 420-8436

EXTERNAL CHAIN OF CUSTODY

Tel: (516) 694-3040 Fax: (516) 420-8436						CLIENT: Anson							H2M SDG NO:													
PROJECT NAME/NUMBER Nassau Uniform P & T Pilot Test Discharge Sample O3C23-2													Sample Container Description ↓ 40 gal blue HDPE ILLU 1 LK number 1 LK HDPE HNO3			NOTES: Nassau VOA EL60 Nassau SIOC 8270 RERA Metalv FOR NCDPW						Project Contact: Matt Schieferstein Phone Number: 621-331-3535 x15				
SAMPLERS: (signature)/Client Anson Environmental Ltd / Matt Schieferstein 771 New York Ave. Houston TX NY 11143																										
DELIVERABLES: Report Only													ANALYSIS REQUESTED													
TURNAROUND TIME: Results 12/29/03 12:00													Total No. of Containers ↓ 5		ORGANIC									INORG.		
DATE	TIME	MATRIX	FIELD I.D.										VOA	BNA	Pest/ PCB								Metal	CN	LAB I.D. NO.	REMARKS:
12/22	1835	W	122203 PT DISCHARGE										2	2									-			
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	LABORATORY USE ONLY																
			12/22	1600				12/22	1600	Discrepancies Between Sample Labels and COC Record? Y or N Explain:																
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	Samples were: 1. Shipped ___ or Hand Delivered ___ Airbill# _____ 2. Ambient or chilled 3. Received in good condition: Y or N 4. Properly preserved: Y or N 5. Samples returned to lab ___ Hrs from collection.																
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	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																
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time																	

Appendix 3

Two-Week P&T Pilot Test Authorization Letter from NCDPW

Date: December 31, 2003



COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
1550 FRANKLIN AVENUE
MINEOLA, NEW YORK 11501-4822

December 31, 2003

Mr. Matthew F. Schieferstein
Anson Environmental LTD.
771 New York Avenue
Huntington, New York 11743

**Re: Nassau Uniform Site, Freeport, New York
Pump & Treat Pilot Test**

Dear Mr. Schieferstein:

Your request to discharge effluent from the pump and treat pilot test has been reviewed and is conditionally accepted.

The discharge shall be made through the building's existing sewer connection at the proposed rate of 10 gallons per minute for a two-week period. As per our discussion, the treated discharge shall be sampled twice during the pilot test, once at start-up and once again near the completion of the test run. The analyses shall include volatile organic compounds including the primary pollutants of concern (i.e., tetrachloroethene etc.).

This approval is based on the non-hazardous nature and sewer acceptable quality of the proposed discharge as indicated in the comprehensive chemical analysis you provided.

A Sewer Use Fee is required. The rate is \$2.46 per thousand gallons. Based on the estimated 200,000 gallon proposed discharge, a total fee of \$492.00 is assessed for the special sewer use.

Please submit the fee of \$492.00, made payable to the "Nassau County Treasurer", and the analytical data from the discharge monitoring events to:

Matthe

Page 2

December 31, 2003

Re: Nassau Uniform Site, Freeport, NY
Pump & Treat Pilot Test

Industrial Pretreatment Program
Cedar Creek Water Pollution Control Plant
3340 Merrick Road
Wantagh, New York 11793
Attention: Maurice J. Osman

Thank you for your concern and cooperation. If you have any questions with regard to this approval or the requirements, please give me a call at (516) 571-7352.

Very truly yours,



Maurice J. Osman
Chief Chemist

MJO:jld

c: Robert Stewart, NYSDEC
Louis Degrazia, Village of Freeport
Richard Cotugno, NCDPW

Appendix 4

P&T One-Hour Pilot Test

Laboratory Results for P&T Effluent Vapor Samples

Sample Date: December 22, 2003

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Custody Document: P7518

Received: 12/22/2003 15:52

Sampled by: Matt Schieferstein

Client: Anson Environmental Inc

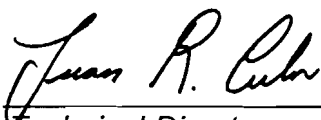
771 New York Avenue
Huntington,
NY 11743

Project: Nassau Uniform

525 Ray Street
Freeport,
NY

Manager: J. Tegins

Respectfully submitted,



Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

The information contained in this report is confidential and intended only for the use of the client listed above. This report shall not be reproduced, except in full, without the written consent of Environmental Testing Laboratories, Inc.



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Volatiles - EPA 8260B in AIR

Sample: P7518-1

Client Sample ID: Outflow

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:12:00 PM

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.41 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	B1361-4004	0.0061	0.0061	mg/M3	U
74-87-3	Chloromethane	B1361-4004	0.011	0.011	mg/M3	U
75-01-4	Vinyl Chloride	B1361-4004	0.011	0.011	mg/M3	U
74-83-9	Bromomethane	B1361-4004	0.010	0.010	mg/M3	U
75-00-3	Chloroethane	B1361-4004	0.011	0.011	mg/M3	U
75-69-4	Trichlorofluoromethane	B1361-4004	0.016	0.016	mg/M3	U
75-35-4	1,1-Dichloroethene	B1361-4004	0.014	0.014	mg/M3	U
75-09-2	Methylene Chloride	B1361-4004	0.012	0.012	mg/M3	U
156-60-5	t-1,2-Dichloroethene	B1361-4004	0.0094	0.0094	mg/M3	U
75-34-3	1,1-Dichloroethane	B1361-4004	0.011	0.011	mg/M3	U
590-20-7	2,2-Dichloropropane	B1361-4004	0.0091	0.0091	mg/M3	U
156-59-2	c-1,2-Dichloroethene	B1361-4004	0.011	0.011	mg/M3	U
67-66-3	Chloroform	B1361-4004	0.010	0.010	mg/M3	U
74-97-5	Bromochloromethane	B1361-4004	0.013	0.013	mg/M3	U
71-55-6	1,1,1-Trichloroethane	B1361-4004	0.012	0.012	mg/M3	U
563-58-6	1,1-Dichloropropene	B1361-4004	0.015	0.015	mg/M3	U
56-23-5	Carbon Tetrachloride	B1361-4004	0.010	0.010	mg/M3	U
107-06-2	1,2 Dichloroethane	B1361-4004	0.011	0.011	mg/M3	U
71-43-2	Benzene	B1361-4004	0.010	0.010	mg/M3	U
79-01-6	Trichloroethene	B1361-4004	0.013	0.013	mg/M3	U
78-87-5	1,2-Dichloropropane	B1361-4004	0.010	0.010	mg/M3	U
75-27-4	Bromodichloromethane	B1361-4004	0.010	0.010	mg/M3	U
74-95-3	Dibromomethane	B1361-4004	0.014	0.014	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	B1361-4004	0.010	0.010	mg/M3	U
108-88-3	Toluene	B1361-4004	0.010	0.010	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	B1361-4004	0.0072	0.0072	mg/M3	U
79-00-5	1,1,2-Trichloroethane	B1361-4004	0.012	0.012	mg/M3	U
142-28-9	1,3-Dichloropropane	B1361-4004	0.014	0.014	mg/M3	U
127-18-4	Tetrachloroethene	B1361-4004	0.0078	0.81	mg/M3	
124-48-1	Dibromochloromethane	B1361-4004	0.011	0.011	mg/M3	U
106-93-4	1,2-Dibromoethane	B1361-4004	0.011	0.011	mg/M3	U
108-90-7	Chlorobenzene	B1361-4004	0.011	0.011	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Volatiles - EPA 8260B in AIR

Sample: P7518-1

Client Sample ID: Outflow

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:12:00 PM

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.41 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B1361-4004	0.0097	0.0097	mg/M3	U
100-41-4	Ethylbenzene	B1361-4004	0.011	0.011	mg/M3	U
108-38-3	m,p-xylene	B1361-4004	0.024	0.024	mg/M3	U
95-47-6	o-xylene	B1361-4004	0.0097	0.0097	mg/M3	U
100-42-5	Styrene	B1361-4004	0.011	0.011	mg/M3	U
98-82-8	Isopropylbenzene	B1361-4004	0.0091	0.0091	mg/M3	U
75-25-2	Bromoform	B1361-4004	0.0080	0.0080	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	B1361-4004	0.010	0.010	mg/M3	U
96-18-4	1,2,3-Trichloropropane	B1361-4004	0.016	0.016	mg/M3	U
103-65-1	n-Propylbenzene	B1361-4004	0.0094	0.0094	mg/M3	U
108-86-1	Bromobenzene	B1361-4004	0.0097	0.0097	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	B1361-4004	0.0078	0.0078	mg/M3	U
95-49-8	2-Chlorotoluene	B1361-4004	0.011	0.011	mg/M3	U
106-43-4	4-Chlorotoluene	B1361-4004	0.013	0.013	mg/M3	U
99-87-6	4-Isopropyltoluene	B1361-4004	0.012	0.012	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	B1361-4004	0.011	0.011	mg/M3	U
135-98-8	sec-Butylbenzene	B1361-4004	0.010	0.010	mg/M3	U
98-06-6	tert-Butylbenzene	B1361-4004	0.016	0.016	mg/M3	U
541-73-1	1,3 Dichlorobenzene	B1361-4004	0.012	0.012	mg/M3	U
106-46-7	1,4-Dichlorobenzene	B1361-4004	0.010	0.010	mg/M3	U
104-51-8	n-Butylbenzene	B1361-4004	0.013	0.013	mg/M3	U
95-50-1	1,2-Dichlorobenzene	B1361-4004	0.011	0.011	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	B1361-4004	0.020	0.020	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	B1361-4004	0.013	0.013	mg/M3	U
87-68-3	Hexachlorobutadiene	B1361-4004	0.026	0.026	mg/M3	U
91-20-3	Naphthalene	B1361-4004	0.021	0.021	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	B1361-4004	0.027	0.027	mg/M3	U
1634-04-4	MTBE	B1361-4004	0.021	0.021	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Volatiles - EPA 8260B in AIR

Sample: P7518-1

Client Sample ID: Outflow

Matrix: Air

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.41 L

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:12:00 PM

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1361-4004	101.0 %	(77 - 128)	
4774-33-8	DIBROMOFLUOROMETHANE	B1361-4004	101.0 %	(69 - 157)	
2037-26-5	TOLUENE-D8	B1361-4004	100.0 %	(70 - 124)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Volatiles - EPA 8260B in AIR

Sample: P7518-2

Client Sample ID: Inflow

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:13:00 PM

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.04 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	B1361-4005	0.0066	0.0066	mg/M3	U
74-87-3	Chloromethane	B1361-4005	0.011	0.011	mg/M3	U
75-01-4	Vinyl Chloride	B1361-4005	0.012	0.012	mg/M3	U
74-83-9	Bromomethane	B1361-4005	0.011	0.011	mg/M3	U
75-00-3	Chloroethane	B1361-4005	0.012	0.012	mg/M3	U
75-69-4	Trichlorofluoromethane	B1361-4005	0.018	0.018	mg/M3	U
75-35-4	1,1-Dichloroethene	B1361-4005	0.015	0.015	mg/M3	U
75-09-2	Methylene Chloride	B1361-4005	0.013	0.013	mg/M3	U
156-60-5	t-1,2-Dichloroethene	B1361-4005	0.010	0.010	mg/M3	U
75-34-3	1,1-Dichloroethane	B1361-4005	0.012	0.012	mg/M3	U
590-20-7	2,2-Dichloropropane	B1361-4005	0.0098	0.0098	mg/M3	U
156-59-2	c-1,2-Dichloroethene	B1361-4005	0.011	1.87	mg/M3	
67-66-3	Chloroform	B1361-4005	0.011	0.011	mg/M3	U
74-97-5	Bromochloromethane	B1361-4005	0.014	0.014	mg/M3	U
71-55-6	1,1,1-Trichloroethane	B1361-4005	0.013	0.013	mg/M3	U
563-58-6	1,1-Dichloropropene	B1361-4005	0.016	0.016	mg/M3	U
56-23-5	Carbon Tetrachloride	B1361-4005	0.011	0.011	mg/M3	U
107-06-2	1,2 Dichloroethane	B1361-4005	0.011	0.011	mg/M3	U
71-43-2	Benzene	B1361-4005	0.011	0.011	mg/M3	U
79-01-6	Trichloroethene	B1361-4005	0.014	1.39	mg/M3	
78-87-5	1,2-Dichloropropane	B1361-4005	0.011	0.011	mg/M3	U
75-27-4	Bromodichloromethane	B1361-4005	0.011	0.011	mg/M3	U
74-95-3	Dibromomethane	B1361-4005	0.015	0.015	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	B1361-4005	0.011	0.011	mg/M3	U
108-88-3	Toluene	B1361-4005	0.011	0.011	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	B1361-4005	0.0077	0.0077	mg/M3	U
79-00-5	1,1,2-Trichloroethane	B1361-4005	0.013	0.013	mg/M3	U
142-28-9	1,3-Dichloropropane	B1361-4005	0.015	0.015	mg/M3	U
127-18-4	Tetrachloroethene	B1361-4005	0.0083	2.45	mg/M3	
124-48-1	Dibromochloromethane	B1361-4005	0.012	0.012	mg/M3	U
106-93-4	1,2-Dibromoethane	B1361-4005	0.011	0.011	mg/M3	U
108-90-7	Chlorobenzene	B1361-4005	0.012	0.012	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Volatiles - EPA 8260B in AIR

Sample: P7518-2

Client Sample ID: Inflow

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:13:00 PM

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.04 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B1361-4005	0.010	0.010	mg/M3	U
100-41-4	Ethylbenzene	B1361-4005	0.012	0.012	mg/M3	U
108-38-3	m,p-xylene	B1361-4005	0.026	0.026	mg/M3	U
95-47-6	o-xylene	B1361-4005	0.010	0.010	mg/M3	U
100-42-5	Styrene	B1361-4005	0.012	0.012	mg/M3	U
98-82-8	Isopropylbenzene	B1361-4005	0.0098	0.0098	mg/M3	U
75-25-2	Bromoform	B1361-4005	0.0086	0.0086	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	B1361-4005	0.011	0.011	mg/M3	U
96-18-4	1,2,3-Trichloropropane	B1361-4005	0.018	0.018	mg/M3	U
103-65-1	n-Propylbenzene	B1361-4005	0.010	0.010	mg/M3	U
108-86-1	Bromobenzene	B1361-4005	0.010	0.010	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	B1361-4005	0.0083	0.0083	mg/M3	U
95-49-8	2-Chlorotoluene	B1361-4005	0.012	0.012	mg/M3	U
106-43-4	4-Chlorotoluene	B1361-4005	0.014	0.014	mg/M3	U
99-87-6	4-Isopropyltoluene	B1361-4005	0.013	0.013	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	B1361-4005	0.012	0.012	mg/M3	U
135-98-8	sec-Butylbenzene	B1361-4005	0.011	0.011	mg/M3	U
98-06-6	tert-Butylbenzene	B1361-4005	0.017	0.017	mg/M3	U
541-73-1	1,3 Dichlorobenzene	B1361-4005	0.013	0.013	mg/M3	U
106-46-7	1,4-Dichlorobenzene	B1361-4005	0.011	0.011	mg/M3	U
104-51-8	n-Butylbenzene	B1361-4005	0.014	0.014	mg/M3	U
95-50-1	1,2-Dichlorobenzene	B1361-4005	0.012	0.012	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	B1361-4005	0.021	0.021	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	B1361-4005	0.014	0.014	mg/M3	U
87-68-3	Hexachlorobutadiene	B1361-4005	0.028	0.028	mg/M3	U
91-20-3	Naphthalene	B1361-4005	0.023	0.023	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	B1361-4005	0.029	0.029	mg/M3	U
1634-04-4	MTBE	B1361-4005	0.022	0.022	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Volatiles - EPA 8260B in AIR

Sample: P7518-2

Client Sample ID: Inflow

Matrix: Air

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.04 L

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:13:00 PM

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1361-4005	99.8 %	(77 - 128)	
4774-33-8	DIBROMOFLUOROMETHANE	B1361-4005	100.0 %	(69 - 157)	
2037-26-5	TOLUENE-D8	B1361-4005	99.1 %	(70 - 124)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Semivolatile Compounds - EPA 8270C

Sample: P7518-1

Client Sample ID: Outflow

Matrix: Air

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.41 L

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:00:00 PM

Preparation Date(s) : 12/29/2003

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-95-2	Phenol	C1153-4170	0.094	0.094	MG/M3	U
111-44-4	bis(2-Chloroethyl)ether	C1153-4170	0.11	0.11	MG/M3	U
95-57-8	2-Chlorophenol	C1153-4170	0.12	0.12	MG/M3	U
541-73-1	1,3-Dichlorobenzene	C1153-4170	0.11	0.11	MG/M3	U
106-46-7	1,4-Dichlorobenzene	C1153-4170	0.13	0.13	MG/M3	U
100-51-6	Benzyl alcohol	C1153-4170	0.070	0.070	MG/M3	U
95-50-1	1,2-Dichlorobenzene	C1153-4170	0.12	0.12	MG/M3	U
95-48-7	2-Methylphenol	C1153-4170	0.11	0.11	MG/M3	U
108-60-1	bis(2-Chloroisopropyl)ether	C1153-4170	0.097	0.097	MG/M3	U
106-44-5	3,4-Methylphenol	C1153-4170	0.086	0.086	MG/M3	U
621-64-7	N-Nitroso-di-n-propylamine	C1153-4170	0.14	0.14	MG/M3	U
67-72-1	Hexachloroethane	C1153-4170	0.12	0.12	MG/M3	U
98-95-3	Nitrobenzene	C1153-4170	0.12	0.12	MG/M3	U
78-59-1	Isophorone	C1153-4170	0.090	0.090	MG/M3	U
88-75-5	2-Nitrophenol	C1153-4170	0.10	0.10	MG/M3	U
105-67-9	2,4-Dimethylphenol	C1153-4170	0.074	0.074	MG/M3	U
65-85-0	Benzoic acid	C1153-4170	0.59	0.59	MG/M3	U
111-91-1	bis(2-Chloroethoxy)methane	C1153-4170	0.12	0.12	MG/M3	U
120-83-2	2,4-Dichlorophenol	C1153-4170	0.12	0.12	MG/M3	U
120-82-1	1,2,4-Trichlorobenzene	C1153-4170	0.11	0.11	MG/M3	U
91-20-3	Naphthalene	C1153-4170	0.12	0.12	MG/M3	U
106-47-8	4-Chloroaniline	C1153-4170	0.056	0.056	MG/M3	U
87-68-3	Hexachlorobutadiene	C1153-4170	0.099	0.099	MG/M3	U
59-50-7	4-Chloro-3-methylphenol	C1153-4170	0.063	0.063	MG/M3	U
91-57-6	2-Methylnaphthalene	C1153-4170	0.095	0.095	MG/M3	U
77-47-4	Hexachlorocyclopentadiene	C1153-4170	0.088	0.088	MG/M3	U
88-06-2	2,4,6-Trichlorophenol	C1153-4170	0.077	0.077	MG/M3	U
95-95-4	2,4,5-Trichlorophenol	C1153-4170	0.068	0.068	MG/M3	U
91-58-7	2-Chloronaphthalene	C1153-4170	0.097	0.097	MG/M3	U
88-74-4	2-Nitroaniline	C1153-4170	0.050	0.050	MG/M3	U
131-11-3	Dimethyl phthalate	C1153-4170	0.11	0.11	MG/M3	U
208-96-8	Acenaphthylene	C1153-4170	0.094	0.094	MG/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Semivolatile Compounds - EPA 8270C

Sample: P7518-1

Client Sample ID: Outflow

Matrix: Air

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.41 L

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:00:00 PM

Preparation Date(s) : 12/29/2003

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
606-20-2	2,6-Dinitrotoluene	C1153-4170	0.079	0.079	MG/M3	U
99-09-2	3-Nitroaniline	C1153-4170	0.076	0.076	MG/M3	U
83-32-9	Acenaphthene	C1153-4170	0.088	0.088	MG/M3	U
51-28-5	2,4-Dinitrophenol	C1153-4170	0.96	0.96	MG/M3	U
100-02-7	4-Nitrophenol	C1153-4170	0.045	0.045	MG/M3	U
132-64-9	Dibenzofuran	C1153-4170	0.081	0.081	MG/M3	U
121-14-2	2,4-Dinitrotoluene	C1153-4170	0.043	0.043	MG/M3	U
84-66-2	Diethylphthalate	C1153-4170	0.074	0.074	MG/M3	U
7005-72-3	4-Chlorophenyl-phenyl ether	C1153-4170	0.067	0.067	MG/M3	U
86-73-7	Fluorene	C1153-4170	0.070	0.070	MG/M3	U
100-01-6	4-Nitroaniline	C1153-4170	0.065	0.065	MG/M3	U
534-52-1	4,6-Dinitro-2-methylphenol	C1153-4170	0.11	0.11	MG/M3	U
86-30-6	N-nitrosodiphenylamine	C1153-4170	0.050	0.050	MG/M3	U
101-55-3	4-Bromophenyl-phenylether	C1153-4170	0.077	0.077	MG/M3	U
118-74-1	Hexachlorobenzene	C1153-4170	0.083	0.083	MG/M3	U
87-86-5	Pentachlorophenol	C1153-4170	0.061	0.061	MG/M3	U
85-01-8	Phenanthrene	C1153-4170	0.070	0.070	MG/M3	U
120-12-7	Anthracene	C1153-4170	0.068	0.068	MG/M3	U
84-74-2	Di-n-butylphthalate	C1153-4170	0.054	0.054	MG/M3	U
206-44-0	Fluoranthene	C1153-4170	0.054	0.054	MG/M3	U
129-00-0	Pyrene	C1153-4170	0.065	0.065	MG/M3	U
85-68-7	Butylbenzylphthalate	C1153-4170	0.059	0.059	MG/M3	U
91-94-1	3,3'-Dichlorobenzidine	C1153-4170	0.095	0.095	MG/M3	U
56-55-3	Benzo(a)anthracene	C1153-4170	0.049	0.049	MG/M3	U
218-01-9	Chrysene	C1153-4170	0.043	0.043	MG/M3	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1153-4170	0.056	0.056	MG/M3	U
117-84-0	Di-n-octylphthalate	C1153-4170	0.067	0.067	MG/M3	U
205-99-2	Benzo(b)fluoranthene	C1153-4170	0.072	0.072	MG/M3	U
207-08-9	Benzo(k)fluoranthene	C1153-4170	0.10	0.10	MG/M3	U
50-32-8	Benzo(a)pyrene	C1153-4170	0.038	0.038	MG/M3	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1153-4170	0.041	0.041	MG/M3	U
53-70-3	Dibenzo(a,h)anthracene	C1153-4170	0.045	0.045	MG/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Semivolatile Compounds - EPA 8270C

Sample: P7518-1

Client Sample ID: Outflow

Matrix: Air

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.41 L

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:00:00 PM

Preparation Date(s) : 12/29/2003

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
191-24-2	Benzo(g,h,i)perylene	C1153-4170	0.065	0.065	MG/M3	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1153-4170	.0 %	(10 - 124)	D
321-60-8	2-FLUOROBIPHENYL	C1153-4170	.0 %	(43 - 117)	D
367-12-4	2-FLUOROPHENOL	C1153-4170	.0 %	(21 - 111)	D
4165-60-0	NITROBENZENE-D5	C1153-4170	.0 %	(35 - 115)	D
13127-88-3	PHENOL-D6	C1153-4170	.0 %	(10 - 111)	D
1718-51-0	TERPHENYL-D14	C1153-4170	.0 %	(33 - 142)	D



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Semivolatile Compounds - EPA 8270C

Sample: P7518-2

Client Sample ID: Inflow

Matrix: Air

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.04 L

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:00:00 PM

Preparation Date(s) : 12/29/2003

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-95-2	Phenol	C1153-4171	0.094	0.094	MG/M3	U
111-44-4	bis(2-Chloroethyl)ether	C1153-4171	0.11	0.11	MG/M3	U
95-57-8	2-Chlorophenol	C1153-4171	0.12	0.12	MG/M3	U
541-73-1	1,3-Dichlorobenzene	C1153-4171	0.11	0.11	MG/M3	U
106-46-7	1,4-Dichlorobenzene	C1153-4171	0.13	0.13	MG/M3	U
100-51-6	Benzyl alcohol	C1153-4171	0.070	0.070	MG/M3	U
95-50-1	1,2-Dichlorobenzene	C1153-4171	0.12	0.12	MG/M3	U
95-48-7	2-Methylphenol	C1153-4171	0.11	0.11	MG/M3	U
108-60-1	bis(2-Chloroisopropyl)ether	C1153-4171	0.097	0.097	MG/M3	U
106-44-5	3,4-Methylphenol	C1153-4171	0.086	0.086	MG/M3	U
621-64-7	N-Nitroso-di-n-propylamine	C1153-4171	0.14	0.14	MG/M3	U
67-72-1	Hexachloroethane	C1153-4171	0.12	0.12	MG/M3	U
98-95-3	Nitrobenzene	C1153-4171	0.12	0.12	MG/M3	U
78-59-1	Isophorone	C1153-4171	0.090	0.090	MG/M3	U
88-75-5	2-Nitrophenol	C1153-4171	0.10	0.10	MG/M3	U
105-67-9	2,4-Dimethylphenol	C1153-4171	0.074	0.074	MG/M3	U
65-85-0	Benzoic acid	C1153-4171	0.59	0.59	MG/M3	U
111-91-1	bis(2-Chloroethoxy)methane	C1153-4171	0.12	0.12	MG/M3	U
120-83-2	2,4-Dichlorophenol	C1153-4171	0.12	0.12	MG/M3	U
120-82-1	1,2,4-Trichlorobenzene	C1153-4171	0.11	0.11	MG/M3	U
91-20-3	Naphthalene	C1153-4171	0.12	0.12	MG/M3	U
106-47-8	4-Chloroaniline	C1153-4171	0.056	0.056	MG/M3	U
87-68-3	Hexachlorobutadiene	C1153-4171	0.099	0.099	MG/M3	U
59-50-7	4-Chloro-3-methylphenol	C1153-4171	0.063	0.063	MG/M3	U
91-57-6	2-Methylnaphthalene	C1153-4171	0.095	0.095	MG/M3	U
77-47-4	Hexachlorocyclopentadiene	C1153-4171	0.088	0.088	MG/M3	U
88-06-2	2,4,6-Trichlorophenol	C1153-4171	0.077	0.077	MG/M3	U
95-95-4	2,4,5-Trichlorophenol	C1153-4171	0.068	0.068	MG/M3	U
91-58-7	2-Chloronaphthalene	C1153-4171	0.097	0.097	MG/M3	U
88-74-4	2-Nitroaniline	C1153-4171	0.050	0.050	MG/M3	U
131-11-3	Dimethyl phthalate	C1153-4171	0.11	0.11	MG/M3	U
208-96-8	Acenaphthylene	C1153-4171	0.094	0.094	MG/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Semivolatile Compounds - EPA 8270C

Sample: P7518-2

Client Sample ID: Inflow

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:00:00 PM

Preparation Date(s) : 12/29/2003

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.04 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
606-20-2	2,6-Dinitrotoluene	C1153-4171	0.079	0.079	MG/M3	U
99-09-2	3-Nitroaniline	C1153-4171	0.076	0.076	MG/M3	U
83-32-9	Acenaphthene	C1153-4171	0.088	0.088	MG/M3	U
51-28-5	2,4-Dinitrophenol	C1153-4171	0.96	0.96	MG/M3	U
100-02-7	4-Nitrophenol	C1153-4171	0.045	0.045	MG/M3	U
132-64-9	Dibenzofuran	C1153-4171	0.081	0.081	MG/M3	U
121-14-2	2,4-Dinitrotoluene	C1153-4171	0.043	0.043	MG/M3	U
84-66-2	Diethylphthalate	C1153-4171	0.074	0.074	MG/M3	U
7005-72-3	4-Chlorophenyl-phenyl ether	C1153-4171	0.067	0.067	MG/M3	U
86-73-7	Fluorene	C1153-4171	0.070	0.070	MG/M3	U
100-01-6	4-Nitroaniline	C1153-4171	0.065	0.065	MG/M3	U
534-52-1	4,6-Dinitro-2-methylphenol	C1153-4171	0.11	0.11	MG/M3	U
86-30-6	N-nitrosodiphenylamine	C1153-4171	0.050	0.050	MG/M3	U
101-55-3	4-Bromophenyl-phenylether	C1153-4171	0.077	0.077	MG/M3	U
118-74-1	Hexachlorobenzene	C1153-4171	0.083	0.083	MG/M3	U
87-86-5	Pentachlorophenol	C1153-4171	0.061	0.061	MG/M3	U
85-01-8	Phenanthrene	C1153-4171	0.070	0.070	MG/M3	U
120-12-7	Anthracene	C1153-4171	0.068	0.068	MG/M3	U
84-74-2	Di-n-butylphthalate	C1153-4171	0.054	0.054	MG/M3	U
206-44-0	Fluoranthene	C1153-4171	0.054	0.054	MG/M3	U
129-00-0	Pyrene	C1153-4171	0.065	0.065	MG/M3	U
85-68-7	Butylbenzylphthalate	C1153-4171	0.059	0.059	MG/M3	U
91-94-1	3,3'-Dichlorobenzidine	C1153-4171	0.095	0.095	MG/M3	U
56-55-3	Benzo(a)anthracene	C1153-4171	0.049	0.049	MG/M3	U
218-01-9	Chrysene	C1153-4171	0.043	0.043	MG/M3	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1153-4171	0.056	0.056	MG/M3	U
117-84-0	Di-n-octylphthalate	C1153-4171	0.067	0.067	MG/M3	U
205-99-2	Benzo(b)fluoranthene	C1153-4171	0.072	0.072	MG/M3	U
207-08-9	Benzo(k)fluoranthene	C1153-4171	0.10	0.10	MG/M3	U
50-32-8	Benzo(a)pyrene	C1153-4171	0.038	0.038	MG/M3	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1153-4171	0.041	0.041	MG/M3	U
53-70-3	Dibenzo(a,h)anthracene	C1153-4171	0.045	0.045	MG/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Semivolatile Compounds - EPA 8270C

Sample: P7518-2

Client Sample ID: Inflow

Matrix: Air

Type: Grab

Collected: 12/22/2003 14:50

Volume: 5.04 L

Remarks: See Case Narrative

Analyzed Date: 12/30/2003 12:00:00 PM

Preparation Date(s) : 12/29/2003

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
191-24-2	Benzo(g,h,i)perylene	C1153-4171	0.065	0.065	MG/M3	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1153-4171	.0 %	(19 - 123)	D
321-60-8	2-FLUOROBIPHENYL	C1153-4171	.0 %	(30 - 116)	D
367-12-4	2-FLUOROPHENOL	C1153-4171	.0 %	(25 - 122)	D
4165-60-0	NITROBENZENE-D5	C1153-4171	.0 %	(23 - 121)	D
13127-88-3	PHENOL-D6	C1153-4171	.0 %	(24 - 114)	D
1718-51-0	TERPHENYL-D14	C1153-4171	.0 %	(18 - 138)	D



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

Case Narrative

VOLATILES by EPA 8260:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Procedure for air samples:

Each front part of the charcoal tube was extracted in 3.0 mls of methanol and sonicated for 5 minutes. An aliquot of the extract was diluted in reagent water at a 1:50 dilution.

SEMI-VOLATILES by EPA 8270:

Procedure for air samples:

Each front part of the charcoal tube was extracted in 1.0 ml methylene chloride. Surrogates are not added in this procedure.



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/31/2003

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

- U - The analytical result is a non-detect.
- J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit.
- B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- E - The concentration of the analyte exceeded the calibration range of the instrument.
- D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected.

Q - Qualifier specific entries and their meanings are as follows:

- E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

- A - Flame AA
- AS - Semi-automated Spectrophotometric
- AV - Automated Cold Vapor AA
- C - Manual Spectrophotometric
- F - Furnace AA
- P - ICP
- T - Titrimetric

OTHER QUALIFIERS

- ND - Not Detected
- NA - Not Applicable
- NR - Not Required
- * - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)
- x - Outside Expected Range

OTHER

- All soil and sediment samples are reported on a dry weight basis.



ETL

Environmental Testing Laboratories, Inc.

208 Route 109 • Farmingdale • New York 11735

631-249-1456 • Fax: 631-249-8344

CHAIN OF CUSTODY DOCUMENT**P****07518**

Project Name: <u>Nassau Uniform</u>		Project Manager: <u>J. Tegins</u>		Sampler (Signature): <u>[Signature]</u> (Print): <u>Matt Schuster</u>		
Project Address: <u>525 Ray Street Freeport NY</u>				601/602 BTX/BTEX MTBE 624/626/8021 625/627/8021 PCB/Pesticides Pet. Prods./B100M RCRA Metals PH/Flash/React 418.1 - TRPH		
Client <u>ANSON</u> J/N: <u>03023-2</u> ☒ Rush by <u>12/31/03</u>						
SAMPLE INFO Type: SS = Split Spoon, G = Grab, C = Composite, B = Blank Matrix: L = Liquid, S = Soil, SL = Sludge, A* = Air, W = Wipe *Air - Vol. (Liters) include: Flow (CFM)						
ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.
1	12/22	1450	G	A	Outflow 5L	2
2	12/22	1450	G	A	Inflow 5L	2
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
Relinquished by (Signature): <u>[Signature]</u>		Date <u>12/22/03</u>	Printed Name & Agent: <u>Matt Schuster</u>		Received by (Signature): <u>[Signature]</u>	
		Time	<u>AEJL</u>		Date	
Relinquished by (Signature):		Date	Printed Name & Agent:		Received for Lab by (Signature): <u>[Signature]</u>	
		Time			Date <u>12-22-03</u>	
Comments & Special Instructions		QA/QC Type:		Number & Type of Containers: <u>5L Trailer Bogs</u>	Preservatives: <u>—</u>	
				Temp: <u>5C</u>		

CLIENT COPY

Appendix 5

P&T Two-Week Pilot Test

Laboratory Results for Collected Shallow Tray Air Stripper Liquid Effluent After
24-Hours of Operation

Sample Date: December 31, 2003

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.

771 New York Ave.

Huntington, NY 11743

Attn To :

Lab No. : 0312888-001A

Sample Information...

Type : Aqueous

Origin:

Client ID. : NUS P&T DISCHARGE

Collected 12/31/2003 10:15:00 AM

03023

Received 12/31/2003 11:50:00 AM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Method Number	Analyzed
Arsenic	< 10.0	µg/L	SW6010B	01/06/2004 11:45 AM
Barium	< 0.200	mg/L	SW6010B	01/06/2004 11:45 AM
Chromium	< 0.010	mg/L	SW6010B	01/06/2004 11:45 AM
Lead	< 3.00	µg/L	SW6010B	01/06/2004 11:45 AM
Selenium	< 5.00	µg/L	SW6010B	01/06/2004 11:45 AM
Cadmium	< 5.00	µg/L	SW6010B	01/06/2004 11:45 AM
Silver	< 0.010	mg/L	SW6010B	01/06/2004 11:45 AM
Mercury	< 0.200	µg/L	SW7470	01/06/2004 10:05 AM
Phenol	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2-Chlorophenol	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2-Methylphenol	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
4-Methylphenol	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Hexachloroethane	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Nitrobenzene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Isophorone	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2-Nitrophenol	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2,4-Dimethylphenol	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Naphthalene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
4-Chloroaniline	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	01/08/2004 4:46 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2-Nitroaniline	< 25	µg/L	SW8270B	01/08/2004 4:46 PM
Dimethylphthalate	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Acenaphthylene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM

Qualifiers: E - Value above quantitation range

D - Results for Dilution

Date Reported : 1/15/2004

Page 1 of 5

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : 0312888-001A

Sample Information...

Type : Aqueous

Origin:

Client ID. : NUS P&T DISCHARGE

Collected 12/31/2003 10:15:00 AM

03023

Received 12/31/2003 11:50:00 AM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Method Number	Analyzed
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
3-Nitroaniline	< 25	µg/L	SW8270B	01/08/2004 4:46 PM
Acenaphthene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	01/08/2004 4:46 PM
4-Nitrophenol	< 25	µg/L	SW8270B	01/08/2004 4:46 PM
Dibenzofuran	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Diethylphthalate	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Fluorene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
4-Nitroaniline	< 25	µg/L	SW8270B	01/08/2004 4:46 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	01/08/2004 4:46 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Pentachlorophenol	< 25	µg/L	SW8270B	01/08/2004 4:46 PM
Phenanthrene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Anthracene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Carbazole	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Fluoranthene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Pyrene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Butyl benzyl phthalate	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	01/08/2004 4:46 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Chrysene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
Benzo(g,h,i)perylene	< 10	µg/L	SW8270B	01/08/2004 4:46 PM
VOA 'TICS'	None Found		SW8260B	01/09/2004 1:38 AM
Chloromethane	< 50	D µg/L	SW8260B	01/13/2004 4:19 PM
Chloromethane	< 10	µg/L	SW8260B	01/09/2004 1:38 AM
Bromomethane	< 10	µg/L	SW8260B	01/09/2004 1:38 AM

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

Date Reported : 1/15/2004

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : 0312888-001A

Sample Information...

Type : Aqueous

Origin:

Client ID. : NUS P&T DISCHARGE

Collected 12/31/2003 10:15:00 AM

03023

Received 12/31/2003 11:50:00 AM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results		Units	Method Number	Analyzed
Bromomethane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Vinyl chloride	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Vinyl chloride	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Chloroethane	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Chloroethane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Methylene chloride	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Methylene chloride	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Acetone	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Acetone	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
1,1-Dichloroethene	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
1,1-Dichloroethene	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Carbon disulfide	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Carbon disulfide	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
1,1-Dichloroethane	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
1,1-Dichloroethane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
1,2-Dichloroethene (total)	140		µg/L	SW8260B	01/09/2004 1:38 AM
1,2-Dichloroethene (total)	120	D	µg/L	SW8260B	01/13/2004 4:19 PM
Chloroform	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Chloroform	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
1,2-Dichloroethane	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
1,2-Dichloroethane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
2-Butanone	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
2-Butanone	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
1,1,1-Trichloroethane	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
1,1,1-Trichloroethane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Carbon tetrachloride	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Carbon tetrachloride	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Bromodichloromethane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Bromodichloromethane	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
1,2-Dichloropropane	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
1,2-Dichloropropane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
cis-1,3-Dichloropropene	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
cis-1,3-Dichloropropene	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Trichloroethene	110		µg/L	SW8260B	01/09/2004 1:38 AM
Trichloroethene	95	D	µg/L	SW8260B	01/13/2004 4:19 PM
Dibromochloromethane	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Dibromochloromethane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
1,1,2-Trichloroethane	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
1,1,2-Trichloroethane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM

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

Date Reported 1/15/2004

Page 3 of 5

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : **0312888-001A**

Sample Information...

Type : Aqueous

Origin:

Client ID. : NUS P&T DISCHARGE

Collected 12/31/2003 10:15:00 AM

03023

Received 12/31/2003 11:50:00 AM

Collected By : CLIENT

Copy : Original

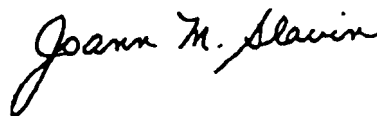
CC

<u>Parameter(s)</u>	<u>Results</u>		<u>Units</u>	<u>Method Number</u>	<u>Analyzed</u>
Benzene	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Benzene	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
trans-1,3-Dichloropropene	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
trans-1,3-Dichloropropene	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Bromoform	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Bromoform	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
4-Methyl-2-pentanone	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
4-Methyl-2-pentanone	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
2-Hexanone	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
2-Hexanone	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Tetrachloroethene	450	E	µg/L	SW8260B	01/09/2004 1:38 AM
Tetrachloroethene	390	D	µg/L	SW8260B	01/13/2004 4:19 PM
1,1,2,2-Tetrachloroethane	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
1,1,2,2-Tetrachloroethane	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Toluene	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Toluene	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Chlorobenzene	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Chlorobenzene	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Ethylbenzene	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Ethylbenzene	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Styrene	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM
Styrene	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Xylene (total)	< 10		µg/L	SW8260B	01/09/2004 1:38 AM
Xylene (total)	< 50	D	µg/L	SW8260B	01/13/2004 4:19 PM

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

Date Reported : 1/15/2004

Laboratory Manager



H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : 0312888-002A

Sample Information...

Type : Trip Blank

Origin:

Client ID. : TRIP BLANK 12/31

Collected 12/31/2003

Received 12/31/2003 11:50:00 AM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Method Number	Analyzed
VOA 'TICS'	None found		SW8260B	01/09/2004 2:06 AM
Chloromethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Bromomethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Vinyl chloride	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Chloroethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Methylene chloride	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Acetone	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
1,1-Dichloroethene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Carbon disulfide	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
1,1-Dichloroethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
1,2-Dichloroethene (total)	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Chloroform	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
1,2-Dichloroethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
2-Butanone	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
1,1,1-Trichloroethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Carbon tetrachloride	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Bromodichloromethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
1,2-Dichloropropane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
cis-1,3-Dichloropropene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Trichloroethene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Dibromochloromethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
1,1,2-Trichloroethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Benzene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
trans-1,3-Dichloropropene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Bromoform	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
4-Methyl-2-pentanone	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
2-Hexanone	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Tetrachloroethene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
1,1,2,2-Tetrachloroethane	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Toluene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Chlorobenzene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Ethylbenzene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Styrene	< 10	µg/L	SW8260B	01/09/2004 2:06 AM
Xylene (total)	< 10	µg/L	SW8260B	01/09/2004 2:06 AM

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

Date Reported : 1/15/2004

Laboratory Manager

EXTERNAL CHAIN OF CUSTODY

WHITE COPY ORIGINAL

17 3103 YELLOW COPY - CLIENT

PINK COPY LABORATORY

Appendix 6

P&T Two-Week Pilot Test

Laboratory Results for Collected Influent and Effluent Liquid Samples

Sample Date: January 8, 2004

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : **0401169-001A**

Sample Information...

Type : Aqueous

Origin:

Client ID. : P&T INFLUENT

Collected 1/8/04 12:00:00 PM

Received 1/8/04 1:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Method Number	Analyzed
Arsenic	< 10.0	µg/L	SW6010B	01/15/2004 4:52 PM
Barium	< 0.200	mg/L	SW6010B	01/15/2004 4:52 PM
Chromium	< 0.010	mg/L	SW6010B	01/15/2004 4:52 PM
Lead	46.6	µg/L	SW6010B	01/15/2004 4:52 PM
Selenium	< 5.00	µg/L	SW6010B	01/15/2004 4:52 PM
Cadmium	< 5.00	µg/L	SW6010B	01/15/2004 4:52 PM
Silver	< 0.010	mg/L	SW6010B	01/15/2004 4:52 PM
Mercury	< 0.200	µg/L	SW7470	01/20/2004 8:56 AM
SVOA 'TICS'	None Found		SW8270B	01/16/2004 12:10 PM
Phenol	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2-Chlorophenol	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2-Methylphenol	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
4-Methylphenol	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Hexachloroethane	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Nitrobenzene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Isophorone	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2-Nitrophenol	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2,4-Dimethylphenol	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Naphthalene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
4-Chloroaniline	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	01/16/2004 12:10 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2-Nitroaniline	< 25	µg/L	SW8270B	01/16/2004 12:10 PM
Dimethylphthalate	< 10	µg/L	SW8270B	01/16/2004 12:10 PM

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

Date Reported : 1/20/04

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : 0401169-001A

Sample Information...
Type : Aqueous

Origin:

Client ID. : P&T INFLUENT

Collected 1/8/04 12:00:00 PM

Received 1/8/04 1:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Method Number	Analyzed
Acenaphthylene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
3-Nitroaniline	< 25	µg/L	SW8270B	01/16/2004 12:10 PM
Acenaphthene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	01/16/2004 12:10 PM
4-Nitrophenol	< 25	µg/L	SW8270B	01/16/2004 12:10 PM
Dibenzofuran	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Diethylphthalate	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Fluorene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
4-Nitroaniline	< 25	µg/L	SW8270B	01/16/2004 12:10 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	01/16/2004 12:10 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Pentachlorophenol	< 25	µg/L	SW8270B	01/16/2004 12:10 PM
Phenanthrene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Anthracene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Carbazole	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Fluoranthene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Pyrene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Butyl benzyl phthalate	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	01/16/2004 12:10 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Chrysene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
Benzo(g,h,i)perylene	< 10	µg/L	SW8270B	01/16/2004 12:10 PM
VOA 'TICS'	None Found		SW8260B	01/09/2004 4:58 AM
Chloromethane	< 250	D µg/L	SW8260B	01/13/2004 5:16 PM
Chloromethane	< 10	µg/L	SW8260B	01/09/2004 4:58 AM

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

Date Reported 1/20/04

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.

771 New York Ave.

Huntington, NY 11743

Attn To :

Lab No. : 0401169-001A

Sample Information...

Type : Aqueous

Origin:

Client ID. : P&T INFLUENT

Collected 1/8/04 12:00:00 PM

Received 1/8/04 1:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results		Units	Method Number	Analyzed
Bromomethane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Bromomethane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Vinyl chloride	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Vinyl chloride	65		µg/L	SW8260B	01/09/2004 4:58 AM
Chloroethane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Chloroethane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Methylene chloride	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Methylene chloride	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Acetone	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Acetone	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
1,1-Dichloroethene	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
1,1-Dichloroethene	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Carbon disulfide	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Carbon disulfide	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
1,1-Dichloroethane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
1,1-Dichloroethane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
1,2-Dichloroethene (total)	760	E	µg/L	SW8260B	01/09/2004 4:58 AM
1,2-Dichloroethene (total)	780	D	µg/L	SW8260B	01/13/2004 5:16 PM
Chloroform	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Chloroform	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
1,2-Dichloroethane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
1,2-Dichloroethane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
2-Butanone	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
2-Butanone	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
1,1,1-Trichloroethane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
1,1,1-Trichloroethane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Carbon tetrachloride	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Carbon tetrachloride	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Bromodichloromethane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Bromodichloromethane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
1,2-Dichloropropane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
1,2-Dichloropropane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
cis-1,3-Dichloropropene	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
cis-1,3-Dichloropropene	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Trichloroethene	590	E	µg/L	SW8260B	01/09/2004 4:58 AM
Trichloroethene	600	D	µg/L	SW8260B	01/13/2004 5:16 PM
Dibromochloromethane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Dibromochloromethane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
1,1,2-Trichloroethane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM

Qualifiers. E - Value above quantitation range

D - Results for Dilution

Date Reported : 1/20/04

Page 3 of 8

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : **0401169-001A**

Sample Information...

Type : Aqueous

Origin:

Client ID. : P&T INFLUENT

Collected 1/8/04 12:00:00 PM

Received 1/8/04 1:15:00 PM

Collected By : CLIENT

Copy : Original

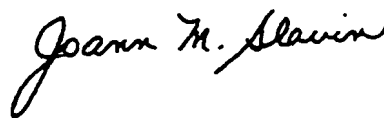
CC

Parameter(s)	Results		Units	Method Number	Analyzed
1,1,2-Trichloroethane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Benzene	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Benzene	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
trans-1,3-Dichloropropene	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
trans-1,3-Dichloropropene	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Bromoform	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Bromoform	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
4-Methyl-2-pentanone	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
4-Methyl-2-pentanone	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
2-Hexanone	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
2-Hexanone	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Tetrachloroethene	3100	E	µg/L	SW8260B	01/09/2004 4:58 AM
Tetrachloroethene	3800	D	µg/L	SW8260B	01/13/2004 5:16 PM
1,1,2,2-Tetrachloroethane	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
1,1,2,2-Tetrachloroethane	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Toluene	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Toluene	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Chlorobenzene	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Chlorobenzene	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Ethylbenzene	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Ethylbenzene	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Styrene	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM
Styrene	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Xylene (total)	< 10		µg/L	SW8260B	01/09/2004 4:58 AM
Xylene (total)	< 250	D	µg/L	SW8260B	01/13/2004 5:16 PM

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

Date Reported : 1/20/04

Laboratory Manager



H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : **0401169-002A**

Sample Information...

Type : Aqueous

Origin:

Client ID. : P&T EFFLUENT

Collected 1/8/04 12:00:00 PM

Received 1/8/04 1:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Method Number	Analyzed
Arsenic	< 10.0	µg/L	SW6010B	01/15/2004 5:04 PM
Barium	< 0.200	mg/L	SW6010B	01/15/2004 5:04 PM
Chromium	< 0.010	mg/L	SW6010B	01/15/2004 5:04 PM
Lead	< 3.00	µg/L	SW6010B	01/15/2004 5:04 PM
Selenium	< 5.00	µg/L	SW6010B	01/15/2004 5:04 PM
Cadmium	< 5.00	µg/L	SW6010B	01/15/2004 5:04 PM
Silver	< 0.010	mg/L	SW6010B	01/15/2004 5:04 PM
Mercury	< 0.200	µg/L	SW7470	01/20/2004 9:03 AM
SVOA 'TICS'	None found		SW8270B	01/16/2004 12:44 PM
Phenol	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Bis(2-chloroethyl)ether	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2-Chlorophenol	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
1,3-Dichlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
1,4-Dichlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
1,2-Dichlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2-Methylphenol	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2,2'-oxybis(1-Chloropropane)	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
4-Methylphenol	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
N-Nitroso-di-n-propylamine	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Hexachloroethane	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Nitrobenzene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Isophorone	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2-Nitrophenol	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2,4-Dimethylphenol	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Bis(2-chloroethoxy)methane	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2,4-Dichlorophenol	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
1,2,4-Trichlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Naphthalene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
4-Chloroaniline	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Hexachlorobutadiene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
4-Chloro-3-methylphenol	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2-Methylnaphthalene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Hexachlorocyclopentadiene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2,4,6-Trichlorophenol	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2,4,5-Trichlorophenol	< 25	µg/L	SW8270B	01/16/2004 12:44 PM
2-Chloronaphthalene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2-Nitroaniline	< 25	µg/L	SW8270B	01/16/2004 12:44 PM
Dimethylphthalate	< 10	µg/L	SW8270B	01/16/2004 12:44 PM

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

Date Reported : 1/20/04

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.

771 New York Ave.

Huntington, NY 11743

Attn To :

Lab No. : **0401169-002A**

Sample Information...

Type : Aqueous

Origin:

Client ID. : P&T EFFLUENT

Collected 1/8/04 12:00:00 PM

Received 1/8/04 1:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Method Number	Analyzed
Acenaphthylene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2,6-Dinitrotoluene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
3-Nitroaniline	< 25	µg/L	SW8270B	01/16/2004 12:44 PM
Acenaphthene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2,4-Dinitrophenol	< 25	µg/L	SW8270B	01/16/2004 12:44 PM
4-Nitrophenol	< 25	µg/L	SW8270B	01/16/2004 12:44 PM
Dibenzofuran	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
2,4-Dinitrotoluene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Diethylphthalate	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
4-Chlorophenyl-phenylether	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Fluorene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
4-Nitroaniline	< 25	µg/L	SW8270B	01/16/2004 12:44 PM
4,6-Dinitro-2-methylphenol	< 25	µg/L	SW8270B	01/16/2004 12:44 PM
N-Nitrosodiphenylamine	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
4-Bromophenyl-phenylether	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Hexachlorobenzene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Pentachlorophenol	< 25	µg/L	SW8270B	01/16/2004 12:44 PM
Phenanthrene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Anthracene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Carbazole	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Di-n-butyl phthalate	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Fluoranthene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Pyrene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Butyl benzyl phthalate	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
3,3'-Dichlorobenzidine	< 20	µg/L	SW8270B	01/16/2004 12:44 PM
Benzo(a)anthracene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Chrysene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Bis(2-ethylhexyl)phthalate	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Di-n-octyl phthalate	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Benzo(b)fluoranthene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Benzo(k)fluoranthene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Benzo(a)pyrene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Indeno(1,2,3-cd)pyrene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Dibenzo(a,h)anthracene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
Benzo(g,h,i)perylene	< 10	µg/L	SW8270B	01/16/2004 12:44 PM
VOA 'TICS'	None Found		SW8260B	01/09/2004 4:30 AM
Chloromethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Bromomethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM

Qualifiers: E - Value above quantitation range

D - Results for Dilution

Date Reported : 1/20/04

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : 0401169-002A

Sample Information...

Type : Aqueous

Origin:

Client ID. : P&T EFFLUENT

Collected 1/8/04 12:00:00 PM

Received 1/8/04 1:15:00 PM

Collected By : CLIENT

Copy : Original

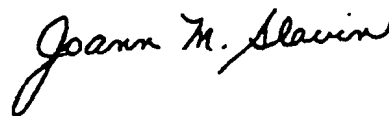
CC

Parameter(s)	Results	Units	Method Number	Analyzed
Vinyl chloride	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Chloroethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Methylene chloride	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Acetone	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
1,1-Dichloroethene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Carbon disulfide	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
1,1-Dichloroethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
1,2-Dichloroethene (total)	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Chloroform	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
1,2-Dichloroethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
2-Butanone	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
1,1,1-Trichloroethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Carbon tetrachloride	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Bromodichloromethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
1,2-Dichloropropane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
cis-1,3-Dichloropropene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Trichloroethene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Dibromochloromethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
1,1,2-Trichloroethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Benzene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
trans-1,3-Dichloropropene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Bromoform	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
4-Methyl-2-pentanone	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
2-Hexanone	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Tetrachloroethene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
1,1,2,2-Tetrachloroethane	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Toluene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Chlorobenzene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Ethylbenzene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Styrene	< 10	µg/L	SW8260B	01/09/2004 4:30 AM
Xylene (total)	< 10	µg/L	SW8260B	01/09/2004 4:30 AM

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

Date Reported : 1/20/04

Laboratory Manager



H2M LABS, INC.

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

LABORATORY RESULTS

Anson Environmental, Ltd.
771 New York Ave.
Huntington, NY 11743
Attn To :

Lab No. : **0401169-003A**

Sample Information...

Type : Trip Blank

Origin:

Client ID. : TRIP BLANK 1/8

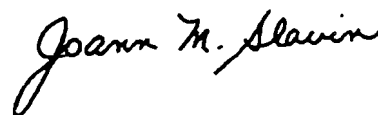
Collected 1/8/04
Received 1/8/04 1:15:00 PM
Collected By : CLIENT
Copy : Original
CC

Parameter(s)	Results	Units	Method Number	Analyzed
VOA 'TICS'	None Found		SW8260B	01/09/2004 4:02 AM
Chloromethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Bromomethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Vinyl chloride	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Chloroethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Methylene chloride	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Acetone	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
1,1-Dichloroethene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Carbon disulfide	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
1,1-Dichloroethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
1,2-Dichloroethene (total)	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Chloroform	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
1,2-Dichloroethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
2-Butanone	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
1,1,1-Trichloroethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Carbon tetrachloride	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Bromodichloromethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
1,2-Dichloropropane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
cis-1,3-Dichloropropene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Trichloroethene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Dibromochloromethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
1,1,2-Trichloroethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Benzene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
trans-1,3-Dichloropropene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Bromoform	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
4-Methyl-2-pentanone	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
2-Hexanone	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Tetrachloroethene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
1,1,2,2-Tetrachloroethane	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Toluene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Chlorobenzene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Ethylbenzene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Styrene	< 10	µg/L	SW8260B	01/09/2004 4:02 AM
Xylene (total)	< 10	µg/L	SW8260B	01/09/2004 4:02 AM

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

Date Reported : 1/20/04

Laboratory Manager



Relinquished by: (Signature) <i>Allen Tazuo</i>	Date <i>01/08/04</i>	Time <i>1245</i>	Received by: (Signature) <i>[Signature]</i>	Date <i>1/8/04</i>	Time	LABORATORY USE ONLY Discrepancies Between Sample Labels and COC Record? Y or N Explain:
Relinquished by: (Signature) <i>[Signature]</i>	Date <i>01/08/04</i>	Time <i>1245</i>	Received by: (Signature)	Date	Time	
Relinquished by: (Signature) <i>[Signature]</i>	Date <i>1/8/04</i>	Time <i>1:15</i>	Received by: (Signature) <i>[Signature]</i>	Date <i>1/8/04</i>	Time <i>13:15</i>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Appendix 7

P&T Two-Week Pilot Test

Laboratory Results for P&T Effluent Vapor Samples

Sample Date: January 8, 2004

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Custody Document: R3694

Received: 01/08/2004 13:02

Sampled by: NA

Client: Anson Environmental Inc

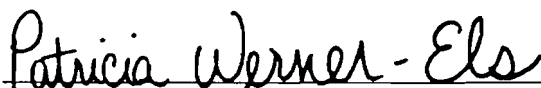
771 New York Avenue
Huntington,
NY 11743

Project: Nassau Uniform

525 Ray Street
Freeport,
NY
Area: 03023-4 NUS

Manager: J. Tegins

Respectfully submitted,



Quality Assurance Officer

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

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Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Volatiles - EPA 8260B in AIR

Sample: R3694-1

Client Sample ID: P & T Output

Matrix: Air

Type: Grab

Collected: 01/08/2004 11:30

Volume: 3.12 L

Remarks: See Case Narrative

Analyzed Date: 01/09/2004 12:15:00 PM

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1215-5646	0.030	0.030	mg/M3	U
74-87-3	Chloromethane	C 1215-5646	0.020	0.020	mg/M3	U
75-01-4	Vinyl Chloride	C 1215-5646	0.020	0.49	mg/M3	
74-83-9	Bromomethane	C 1215-5646	0.030	0.030	mg/M3	U
75-00-3	Chloroethane	C 1215-5646	0.034	0.034	mg/M3	U
75-69-4	Trichlorofluoromethane	C 1215-5646	0.0091	0.0091	mg/M3	U
75-35-4	1,1-Dichloroethene	C 1215-5646	0.013	0.013	mg/M3	U
75-09-2	Methylene Chloride	C 1215-5646	0.067	0.067	mg/M3	U
156-60-5	t-1,2-Dichloroethene	C 1215-5646	0.020	0.020	mg/M3	U
75-34-3	1,1-Dichloroethane	C 1215-5646	0.021	0.021	mg/M3	U
590-20-7	2,2-Dichloropropane	C 1215-5646	0.014	0.014	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C 1215-5646	0.020	0.082	mg/M3	
67-66-3	Chloroform	C 1215-5646	0.013	0.013	mg/M3	U
74-97-5	Bromochloromethane	C 1215-5646	0.027	0.027	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C 1215-5646	0.015	0.015	mg/M3	U
563-58-6	1,1-Dichloropropene	C 1215-5646	0.053	0.053	mg/M3	U
56-23-5	Carbon Tetrachloride	C 1215-5646	0.014	0.014	mg/M3	U
107-06-2	1,2 Dichloroethane	C 1215-5646	0.023	0.023	mg/M3	U
71-43-2	Benzene	C 1215-5646	0.011	0.011	mg/M3	U
79-01-6	Trichloroethene	C 1215-5646	0.016	0.016	mg/M3	U
78-87-5	1,2-Dichloropropane	C 1215-5646	0.013	0.013	mg/M3	U
75-27-4	Bromodichloromethane	C 1215-5646	0.0077	0.0077	mg/M3	U
74-95-3	Dibromomethane	C 1215-5646	0.011	0.011	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C 1215-5646	0.038	0.038	mg/M3	U
108-88-3	Toluene	C 1215-5646	0.010	0.010	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C 1215-5646	0.038	0.038	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C 1215-5646	0.0082	0.0082	mg/M3	U
142-28-9	1,3-Dichloropropane	C 1215-5646	0.015	0.015	mg/M3	U
127-18-4	Tetrachloroethene	C 1215-5646	0.0082	1.22	mg/M3	
124-48-1	Dibromochloromethane	C 1215-5646	0.0087	0.0087	mg/M3	U
106-93-4	1,2-Dibromoethane	C 1215-5646	0.0082	0.0082	mg/M3	U
108-90-7	Chlorobenzene	C 1215-5646	0.0077	0.0077	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1215-5646	0.0091	0.0091	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Volatiles - EPA 8260B in AIR

Sample: R3694-1

Client Sample ID: P & T Output

Matrix: Air

Type: Grab

Collected: 01/08/2004 11:30

Volume: 3.12 L

Remarks: See Case Narrative

Analyzed Date: 01/09/2004 12:15:00 PM

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
100-41-4	Ethylbenzene	C1215-5646	0.0082	0.0082	mg/M3	U
108-38-3	m,p-xylene	C1215-5646	0.013	0.013	mg/M3	U
95-47-6	o-xylene	C1215-5646	0.010	0.010	mg/M3	U
100-42-5	Styrene	C1215-5646	0.0058	0.0058	mg/M3	U
98-82-8	Isopropylbenzene	C1215-5646	0.0048	0.0048	mg/M3	U
75-25-2	Bromoform	C1215-5646	0.011	0.011	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C1215-5646	0.015	0.015	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C1215-5646	0.035	0.035	mg/M3	U
103-65-1	n-Propylbenzene	C1215-5646	0.011	0.011	mg/M3	U
108-86-1	Bromobenzene	C1215-5646	0.014	0.014	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C1215-5646	0.0082	0.0082	mg/M3	U
95-49-8	2-Chlorotoluene	C1215-5646	0.0096	0.0096	mg/M3	U
106-43-4	4-Chlorotoluene	C1215-5646	0.015	0.015	mg/M3	U
99-87-6	4-Isopropyltoluene	C1215-5646	0.0072	0.0072	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C1215-5646	0.0077	0.0077	mg/M3	U
135-98-8	sec-Butylbenzene	C1215-5646	0.0096	0.0096	mg/M3	U
98-06-6	tert-Butylbenzene	C1215-5646	0.0072	0.0072	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C1215-5646	0.0091	0.0091	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C1215-5646	0.012	0.012	mg/M3	U
104-51-8	n-Butylbenzene	C1215-5646	0.011	0.011	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C1215-5646	0.0053	0.0053	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C1215-5646	0.012	0.012	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C1215-5646	0.012	0.012	mg/M3	U
87-68-3	Hexachlorobutadiene	C1215-5646	0.0058	0.0058	mg/M3	U
91-20-3	Naphthalene	C1215-5646	0.010	0.010	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	C1215-5646	0.040	0.040	mg/M3	U
1634-04-4	MTBE	C1215-5646	0.030	0.030	mg/M3	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1215-5646	101.0 %	(77 - 128)	
4774-33-8	DIBROMOFLUOROMETHANE	C1215-5646	96.8 %	(69 - 157)	
2037-26-5	TOLUENE-D8	C1215-5646	102.0 %	(70 - 124)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Volatiles - EPA 8260B in AIR

Sample: R3694-2

Client Sample ID: P & T Effluent

Matrix: Air

Type: Grab

Collected: 01/08/2004 11:30

Volume: 3.46 L

Remarks: See Case Narrative

Analyzed Date: 01/09/2004 12:16:00 PM

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C1215-5647	0.027	0.027	mg/M3	U
74-87-3	Chloromethane	C1215-5647	0.018	0.018	mg/M3	U
75-01-4	Vinyl Chloride	C1215-5647	0.018	0.40	mg/M3	
74-83-9	Bromomethane	C1215-5647	0.027	0.027	mg/M3	U
75-00-3	Chloroethane	C1215-5647	0.030	0.030	mg/M3	U
75-69-4	Trichlorofluoromethane	C1215-5647	0.0082	0.0082	mg/M3	U
75-35-4	1,1-Dichloroethene	C1215-5647	0.012	0.012	mg/M3	U
75-09-2	Methylene Chloride	C1215-5647	0.060	0.060	mg/M3	U
156-60-5	t-1,2-Dichloroethene	C1215-5647	0.018	0.018	mg/M3	U
75-34-3	1,1-Dichloroethane	C1215-5647	0.019	0.019	mg/M3	U
590-20-7	2,2-Dichloropropane	C1215-5647	0.013	0.013	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C1215-5647	0.018	3.13	mg/M3	
67-66-3	Chloroform	C1215-5647	0.011	0.011	mg/M3	U
74-97-5	Bromochloromethane	C1215-5647	0.024	0.024	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C1215-5647	0.013	0.013	mg/M3	U
563-58-6	1,1-Dichloropropene	C1215-5647	0.048	0.048	mg/M3	U
56-23-5	Carbon Tetrachloride	C1215-5647	0.013	0.013	mg/M3	U
107-06-2	1,2 Dichloroethane	C1215-5647	0.020	0.020	mg/M3	U
71-43-2	Benzene	C1215-5647	0.0095	0.0095	mg/M3	U
79-01-6	Trichloroethene	C1215-5647	0.015	1.55	mg/M3	
78-87-5	1,2-Dichloropropane	C1215-5647	0.012	0.012	mg/M3	U
75-27-4	Bromodichloromethane	C1215-5647	0.0069	0.0069	mg/M3	U
74-95-3	Dibromomethane	C1215-5647	0.010	0.010	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C1215-5647	0.035	0.035	mg/M3	U
108-88-3	Toluene	C1215-5647	0.0091	0.0091	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C1215-5647	0.034	0.034	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C1215-5647	0.0074	0.0074	mg/M3	U
142-28-9	1,3-Dichloropropane	C1215-5647	0.013	0.013	mg/M3	U
127-18-4	Tetrachloroethene	C1215-5647	0.0074	3.50	mg/M3	
124-48-1	Dibromochloromethane	C1215-5647	0.0078	0.0078	mg/M3	U
106-93-4	1,2-Dibromoethane	C1215-5647	0.0074	0.0074	mg/M3	U
108-90-7	Chlorobenzene	C1215-5647	0.0069	0.0069	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C1215-5647	0.0082	0.0082	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Volatiles - EPA 8260B in AIR

Sample: R3694-2

Client Sample ID: P & T Effluent

Matrix: Air

Type: Grab

Collected: 01/08/2004 11:30

Volume: 3.46 L

Remarks: See Case Narrative

Analyzed Date: 01/09/2004 12:16:00 PM

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
100-41-4	Ethylbenzene	C1215-5647	0.0074	0.0074	mg/M3	U
108-38-3	m,p-xylene	C1215-5647	0.011	0.011	mg/M3	U
95-47-6	o-xylene	C1215-5647	0.0091	0.0091	mg/M3	U
100-42-5	Styrene	C1215-5647	0.0052	0.0052	mg/M3	U
98-82-8	Isopropylbenzene	C1215-5647	0.0043	0.0043	mg/M3	U
75-25-2	Bromoform	C1215-5647	0.0095	0.0095	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C1215-5647	0.014	0.014	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C1215-5647	0.031	0.031	mg/M3	U
103-65-1	n-Propylbenzene	C1215-5647	0.0095	0.0095	mg/M3	U
108-86-1	Bromobenzene	C1215-5647	0.013	0.013	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C1215-5647	0.0074	0.0074	mg/M3	U
95-49-8	2-Chlorotoluene	C1215-5647	0.0087	0.0087	mg/M3	U
106-43-4	4-Chlorotoluene	C1215-5647	0.014	0.014	mg/M3	U
99-87-6	4-Isopropyltoluene	C1215-5647	0.0065	0.0065	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C1215-5647	0.0069	0.0069	mg/M3	U
135-98-8	sec-Butylbenzene	C1215-5647	0.0087	0.0087	mg/M3	U
98-06-6	tert-Butylbenzene	C1215-5647	0.0065	0.0065	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C1215-5647	0.0082	0.0082	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C1215-5647	0.010	0.010	mg/M3	U
104-51-8	n-Butylbenzene	C1215-5647	0.0095	0.0095	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C1215-5647	0.0048	0.0048	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C1215-5647	0.010	0.010	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C1215-5647	0.010	0.010	mg/M3	U
87-68-3	Hexachlorobutadiene	C1215-5647	0.0052	0.0052	mg/M3	U
91-20-3	Naphthalene	C1215-5647	0.0091	0.0091	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	C1215-5647	0.036	0.036	mg/M3	U
1634-04-4	MTBE	C1215-5647	0.027	0.027	mg/M3	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1215-5647	103.0 %	(77 - 128)	
4774-33-8	DIBROMOFLUOROMETHANE	C1215-5647	88.0 %	(69 - 157)	
2037-26-5	TOLUENE-D8	C1215-5647	105.0 %	(70 - 124)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Semivolatile Compounds in Air - EPA 8270C

Sample: R3694-1

Client Sample ID: P & T Output

Matrix: Air

Type: Grab

Collected: 01/08/2004 11:30

Volume: 3.12 L

Remarks: See Case Narrative

Analyzed Date: 01/16/2004 12:13:00 PM

Preparation Date(s) : 01/14/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-95-2	Phenol	C1163-4260	0.20	0.20	mg/M3	U
111-44-4	bis(2-Chloroethyl)ether	C1163-4260	0.12	0.12	mg/M3	U
95-57-8	2-Chlorophenol	C1163-4260	0.15	0.15	mg/M3	U
541-73-1	1,3-Dichlorobenzene	C1163-4260	0.22	0.22	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C1163-4260	0.20	0.20	mg/M3	U
100-51-6	Benzyl alcohol	C1163-4260	0.096	0.096	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C1163-4260	0.19	0.19	mg/M3	U
95-48-7	2-Methylphenol	C1163-4260	0.096	0.096	mg/M3	U
108-60-1	bis(2-Chloroisopropyl)ether	C1163-4260	0.20	0.20	mg/M3	U
106-44-5	3,4-Methylphenol	C1163-4260	0.12	0.12	mg/M3	U
621-64-7	N-Nitroso-di-n-propylamine	C1163-4260	0.18	0.18	mg/M3	U
67-72-1	Hexachloroethane	C1163-4260	0.19	0.19	mg/M3	U
98-95-3	Nitrobenzene	C1163-4260	0.14	0.14	mg/M3	U
78-59-1	Isophorone	C1163-4260	0.12	0.12	mg/M3	U
88-75-5	2-Nitrophenol	C1163-4260	0.12	0.12	mg/M3	U
105-67-9	2,4-Dimethylphenol	C1163-4260	0.12	0.12	mg/M3	U
65-85-0	Benzoic acid	C1163-4260	0.13	0.13	mg/M3	U
111-91-1	bis(2-Chloroethoxy)methane	C1163-4260	0.14	0.14	mg/M3	U
120-83-2	2,4-Dichlorophenol	C1163-4260	0.15	0.15	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C1163-4260	0.15	0.15	mg/M3	U
91-20-3	Naphthalene	C1163-4260	0.18	0.18	mg/M3	U
106-47-8	4-Chloroaniline	C1163-4260	0.30	0.30	mg/M3	U
87-68-3	Hexachlorobutadiene	C1163-4260	0.21	0.21	mg/M3	U
59-50-7	4-Chloro-3-methylphenol	C1163-4260	0.14	0.14	mg/M3	U
91-57-6	2-Methylnaphthalene	C1163-4260	0.14	0.14	mg/M3	U
77-47-4	Hexachlorocyclopentadiene	C1163-4260	0.11	0.11	mg/M3	U
88-06-2	2,4,6-Trichlorophenol	C1163-4260	0.077	0.077	mg/M3	U
95-95-4	2,4,5-Trichlorophenol	C1163-4260	0.071	0.071	mg/M3	U
91-58-7	2-Chloronaphthalene	C1163-4260	0.12	0.12	mg/M3	U
88-74-4	2-Nitroaniline	C1163-4260	0.096	0.096	mg/M3	U
131-11-3	Dimethyl phthalate	C1163-4260	0.12	0.12	mg/M3	U
208-96-8	Acenaphthylene	C1163-4260	0.17	0.17	mg/M3	U
606-20-2	2,6-Dinitrotoluene	C1163-4260	0.096	0.096	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Semivolatile Compounds in Air - EPA 8270C

Sample: R3694-1

Client Sample ID: P & T Output

Matrix: Air

Type: Grab

Collected: 01/08/2004 11:30

Volume: 3.12 L

Remarks: See Case Narrative

Analyzed Date: 01/16/2004 12:13:00 PM

Preparation Date(s): 01/14/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
99-09-2	3-Nitroaniline	C1163-4260	0.15	0.15	mg/M3	U
83-32-9	Acenaphthene	C1163-4260	0.22	0.22	mg/M3	U
51-28-5	2,4-Dinitrophenol	C1163-4260	0.60	0.60	mg/M3	U
100-02-7	4-Nitrophenol	C1163-4260	0.14	0.14	mg/M3	U
132-64-9	Dibenzofuran	C1163-4260	0.15	0.15	mg/M3	U
121-14-2	2,4-Dinitrotoluene	C1163-4260	0.13	0.13	mg/M3	U
84-66-2	Diethylphthalate	C1163-4260	0.15	0.15	mg/M3	U
7005-72-3	4-Chlorophenyl-phenyl ether	C1163-4260	0.16	0.16	mg/M3	U
86-73-7	Fluorene	C1163-4260	0.27	0.27	mg/M3	U
100-01-6	4-Nitroaniline	C1163-4260	0.12	0.12	mg/M3	U
534-52-1	4,6-Dinitro-2-methylphenol	C1163-4260	0.89	0.89	mg/M3	U
86-30-6	N-nitrosodiphenylamine	C1163-4260	0.14	0.14	mg/M3	U
101-55-3	4-Bromophenyl-phenylether	C1163-4260	0.18	0.18	mg/M3	U
118-74-1	Hexachlorobenzene	C1163-4260	0.17	0.17	mg/M3	U
87-86-5	Pentachlorophenol	C1163-4260	0.66	0.66	mg/M3	U
85-01-8	Phenanthrene	C1163-4260	0.18	0.18	mg/M3	U
120-12-7	Anthracene	C1163-4260	0.18	0.18	mg/M3	U
84-74-2	Di-n-butylphthalate	C1163-4260	0.13	0.13	mg/M3	U
206-44-0	Fluoranthene	C1163-4260	0.26	0.26	mg/M3	U
129-00-0	Pyrene	C1163-4260	0.33	0.33	mg/M3	U
85-68-7	Butylbenzylphthalate	C1163-4260	0.17	0.17	mg/M3	U
91-94-1	3,3'-Dichlorobenzidine	C1163-4260	0.43	0.43	mg/M3	U
56-55-3	Benzo(a)anthracene	C1163-4260	0.20	0.20	mg/M3	U
218-01-9	Chrysene	C1163-4260	0.22	0.22	mg/M3	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1163-4260	0.20	0.20	mg/M3	U
117-84-0	Di-n-octylphthalate	C1163-4260	0.11	0.11	mg/M3	U
205-99-2	Benzo(b)fluoranthene	C1163-4260	0.12	0.12	mg/M3	U
207-08-9	Benzo(k)fluoranthene	C1163-4260	0.15	0.15	mg/M3	U
50-32-8	Benzo(a)pyrene	C1163-4260	0.16	0.16	mg/M3	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1163-4260	0.34	0.34	mg/M3	U
53-70-3	Dibenzo(a,h)anthracene	C1163-4260	0.14	0.14	mg/M3	U
191-24-2	Benzo(g,h,i)perylene	C1163-4260	0.12	0.12	mg/M3	U



Environmental Testing Laboratories, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Semivolatile Compounds in Air - EPA 8270C

Sample: R3694-1

Client Sample ID: P & T Output

Collected: 01/08/2004 11:30

Matrix: Air

Type: Grab

Volume: 3.12 L

Remarks: See Case Narrative

Analyzed Date: 01/16/2004 12:13:00 PM

Preparation Date(s) : 01/14/2004

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1163-4260	.0 %	(19 - 123)	D
321-60-8	2-FLUOROBIPHENYL	C1163-4260	.0 %	(30 - 116)	D
367-12-4	2-FLUOROPHENOL	C1163-4260	.0 %	(25 - 122)	D
4165-60-0	NITROBENZENE-D5	C1163-4260	.0 %	(23 - 121)	D
13127-88-3	PHENOL-D6	C1163-4260	.0 %	(24 - 114)	D
1718-51-0	TERPHENYL-D14	C1163-4260	.0 %	(18 - 138)	D



Environmental Testing Laboratories, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Semivolatile Compounds in Air - EPA 8270C

Sample: R3694-2

Client Sample ID: P & T Effluent

Collected: 01/08/2004 11:30

Matrix: Air

Type: Grab

Volume: 3.46 L

Remarks: See Case Narrative

Analyzed Date: 01/16/2004 12:14:00 PM

Preparation Date(s) : 01/14/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-95-2	Phenol	C1163-4261	0.18	0.18	mg/M3	U
111-44-4	bis(2-Chloroethyl)ether	C1163-4261	0.10	0.10	mg/M3	U
95-57-8	2-Chlorophenol	C1163-4261	0.14	0.14	mg/M3	U
541-73-1	1,3-Dichlorobenzene	C1163-4261	0.20	0.20	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C1163-4261	0.18	0.18	mg/M3	U
100-51-6	Benzyl alcohol	C1163-4261	0.087	0.087	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C1163-4261	0.17	0.17	mg/M3	U
95-48-7	2-Methylphenol	C1163-4261	0.087	0.087	mg/M3	U
108-60-1	bis(2-Chloroisopropyl)ether	C1163-4261	0.18	0.18	mg/M3	U
106-44-5	3,4-Methylphenol	C1163-4261	0.10	0.10	mg/M3	U
621-64-7	N-Nitroso-di-n-propylamine	C1163-4261	0.16	0.16	mg/M3	U
67-72-1	Hexachloroethane	C1163-4261	0.17	0.17	mg/M3	U
98-95-3	Nitrobenzene	C1163-4261	0.13	0.13	mg/M3	U
78-59-1	Isophorone	C1163-4261	0.10	0.10	mg/M3	U
88-75-5	2-Nitrophenol	C1163-4261	0.10	0.10	mg/M3	U
105-67-9	2,4-Dimethylphenol	C1163-4261	0.10	0.10	mg/M3	U
65-85-0	Benzoic acid	C1163-4261	0.11	0.11	mg/M3	U
111-91-1	bis(2-Chloroethoxy)methane	C1163-4261	0.13	0.13	mg/M3	U
120-83-2	2,4-Dichlorophenol	C1163-4261	0.14	0.14	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C1163-4261	0.14	0.14	mg/M3	U
91-20-3	Naphthalene	C1163-4261	0.16	0.16	mg/M3	U
106-47-8	4-Chloroaniline	C1163-4261	0.27	0.27	mg/M3	U
87-68-3	Hexachlorobutadiene	C1163-4261	0.19	0.19	mg/M3	U
59-50-7	4-Chloro-3-methylphenol	C1163-4261	0.13	0.13	mg/M3	U
91-57-6	2-Methylnaphthalene	C1163-4261	0.13	0.13	mg/M3	U
77-47-4	Hexachlorocyclopentadiene	C1163-4261	0.095	0.095	mg/M3	U
88-06-2	2,4,6-Trichlorophenol	C1163-4261	0.069	0.069	mg/M3	U
95-95-4	2,4,5-Trichlorophenol	C1163-4261	0.064	0.064	mg/M3	U
91-58-7	2-Chloronaphthalene	C1163-4261	0.10	0.10	mg/M3	U
88-74-4	2-Nitroaniline	C1163-4261	0.087	0.087	mg/M3	U
131-11-3	Dimethyl phthalate	C1163-4261	0.10	0.10	mg/M3	U
208-96-8	Acenaphthylene	C1163-4261	0.16	0.16	mg/M3	U
606-20-2	2,6-Dinitrotoluene	C1163-4261	0.087	0.087	mg/M3	U



Environmental Testing Laboratories, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Semivolatile Compounds in Air - EPA 8270C

Sample: R3694-2

Client Sample ID: P & T Effluent

Matrix: Air

Type: Grab

Collected: 01/08/2004 11:30

Volume: 3.46 L

Remarks: See Case Narrative

Analyzed Date: 01/16/2004 12:14:00 PM

Preparation Date(s) : 01/14/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
99-09-2	3-Nitroaniline	C1163-4261	0.14	0.14	mg/M3	U
83-32-9	Acenaphthene	C1163-4261	0.20	0.20	mg/M3	U
51-28-5	2,4-Dinitrophenol	C1163-4261	0.54	0.54	mg/M3	U
100-02-7	4-Nitrophenol	C1163-4261	0.13	0.13	mg/M3	U
132-64-9	Dibenzofuran	C1163-4261	0.14	0.14	mg/M3	U
121-14-2	2,4-Dinitrotoluene	C1163-4261	0.12	0.12	mg/M3	U
84-66-2	Diethylphthalate	C1163-4261	0.14	0.14	mg/M3	U
7005-72-3	4-Chlorophenyl-phenyl ether	C1163-4261	0.15	0.15	mg/M3	U
86-73-7	Fluorene	C1163-4261	0.24	0.24	mg/M3	U
100-01-6	4-Nitroaniline	C1163-4261	0.10	0.10	mg/M3	U
534-52-1	4,6-Dinitro-2-methylphenol	C1163-4261	0.80	0.80	mg/M3	U
86-30-6	N-nitrosodiphenylamine	C1163-4261	0.13	0.13	mg/M3	U
101-55-3	4-Bromophenyl-phenylether	C1163-4261	0.16	0.16	mg/M3	U
118-74-1	Hexachlorobenzene	C1163-4261	0.16	0.16	mg/M3	U
87-86-5	Pentachlorophenol	C1163-4261	0.60	0.60	mg/M3	U
85-01-8	Phenanthrene	C1163-4261	0.16	0.16	mg/M3	U
120-12-7	Anthracene	C1163-4261	0.16	0.16	mg/M3	U
84-74-2	Di-n-butylphthalate	C1163-4261	0.12	0.12	mg/M3	U
206-44-0	Fluoranthene	C1163-4261	0.23	0.23	mg/M3	U
129-00-0	Pyrene	C1163-4261	0.29	0.29	mg/M3	U
85-68-7	Butylbenzylphthalate	C1163-4261	0.16	0.16	mg/M3	U
91-94-1	3,3'-Dichlorobenzidine	C1163-4261	0.39	0.39	mg/M3	U
56-55-3	Benzo(a)anthracene	C1163-4261	0.18	0.18	mg/M3	U
218-01-9	Chrysene	C1163-4261	0.20	0.20	mg/M3	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1163-4261	0.18	0.18	mg/M3	U
117-84-0	Di-n-octylphthalate	C1163-4261	0.095	0.095	mg/M3	U
205-99-2	Benzo(b)fluoranthene	C1163-4261	0.10	0.10	mg/M3	U
207-08-9	Benzo(k)fluoranthene	C1163-4261	0.14	0.14	mg/M3	U
50-32-8	Benzo(a)pyrene	C1163-4261	0.15	0.15	mg/M3	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1163-4261	0.30	0.30	mg/M3	U
53-70-3	Dibenzo(a,h)anthracene	C1163-4261	0.13	0.13	mg/M3	U
191-24-2	Benzo(g,h,i)perylene	C1163-4261	0.10	0.10	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Semivolatile Compounds in Air - EPA 8270C

Sample: R3694-2

Client Sample ID: P & T Effluent

Matrix: Air

Type: Grab

Collected: 01/08/2004 11:30

Volume: 3.46 L

Remarks: See Case Narrative

Analyzed Date: 01/16/2004 12:14:00 PM

Preparation Date(s) : 01/14/2004

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1163-4261	.0 %	(19 - 123)	D
321-60-8	2-FLUOROBIPHENYL	C1163-4261	.0 %	(30 - 116)	D
367-12-4	2-FLUOROPHENOL	C1163-4261	.0 %	(25 - 122)	D
4165-60-0	NITROBENZENE-D5	C1163-4261	.0 %	(23 - 121)	D
13127-88-3	PHENOL-D6	C1163-4261	.0 %	(24 - 114)	D
1718-51-0	TERPHENYL-D14	C1163-4261	.0 %	(18 - 138)	D



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

Case Narrative

8260:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

8270:

Duplicate air sample bags for 8270 analysis were not provided. As a result, the 8260 sample extracts were used for 8270 analysis. These extracts did not contain 8270 surrogates



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/21/2004

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

- U - The analytical result is a non-detect.
- J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit.
- B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- E - The concentration of the analyte exceeded the calibration range of the instrument.
- D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
- U - Entered when the analyte was analyzed for, but not detected.

Q - Qualifier specific entries and their meanings are as follows:

- E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

- A - Flame AA
- AS - Semi-automated Spectrophotometric
- AV - Automated Cold Vapor AA
- C - Manual Spectrophotometric
- F - Furnace AA
- P - ICP
- T - Titrimetric

OTHER QUALIFIERS

- ND - Not Detected
- NA - Not Applicable
- NR - Not Required
- * - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)
- x - Outside Expected Range

OTHER

- All soil and sediment samples are reported on a dry weight basis.



ETL

Environmental Testing Laboratories, Inc.

208 Route 109 • Farmingdale • New York 11735

631-249-1456 • Fax: 631-249-8344

CHAIN OF CUSTODY DOCUMENT

R

3694

Project Name: 03023-4 MUS						Project Manager: J. Tegins						Sampler (Signature):						(Print):													
Project Address: 525 Bay Street Freeport												601/602 BTX/BTEX MTBE 624/620/8021 625/627/BN PCB/Pesticides Pet Prods./8100M RCRA Metals PH/Flash/React 418.1 - TRPH																			
Client J/N: 0						☐ Rush by 1/1																									
SAMPLE INFO Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe *Air - Vol. (Liters) include: Flow (CFM)																															
ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.																									
1	1/8/11	11:00	G	A	P4 T Outfall	1																									
2	04	11:00	G	A	P4 T Effluent	1																									
3																															
4																															
5																															
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Relinquished by (Signature):						Date 1/8/04		Printed Name & Agent:						Received by (Signature):						Date		Printed Name & Agent									
Daniel Dabrowski						Time 1:50		AEL																							
Relinquished by (Signature):						Date		Printed Name & Agent:						Received for Lab by (Signature):						Date		Printed Name									
						Time								J. M. Markowski																	
Comments & Special Instructions								QA/QC Type:								Number & Type of Containers:								Preservatives:				Temp:			

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