SITE 1

SOIL VAPOR INVESTIGATION

NWIRP BETHPAGE

Bethpage, New York

Naval Facilities Engineering Command
Mid-Atlantic

Contract No. N62472-03-D-0057
Contract Task Order 002

APRIL 2008

SITE 1
SOIL VAPOR INVESTIGATION

NAVAL FACILITIES ENGINEERING COMMAND
MID-ATLANTIC

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:
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Mid-Atlantic
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FIGURES

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ACRONYMS

1, 1, 1-TCA	1, 1, 1-trichloroethene
1, 1-DCA	1, 1-dichloroethane
1, 1-DCE	1, 1-dichloroethene
AS/SVE	air sparging/soil vapor extraction
bgs	below ground surface
CLEAN	Comprehensive Long-Term Environmental Action Navy
COC	chain of custody
CTO	contract task order
DPT	direct-push technology
ELAP	Environmental Laboratory Approval Program
MTBE	methyl tert butyl ether
NWIRP	Naval Weapons Industrial Reserve Plant
NYSDOH	New York State Department of Health
PCE	tetrachloroethene
RBC	Risk Based Concentration
SVPM	Soil Vapor Pressure Monitor
TCE	trichloroethene
VOC	volatile organic compound
USEPA	United States Environmental Protection Agency
$\mu g/m^3$	micrograms per cubic meter of air

1.0 INTRODUCTION

This Data Report has been prepared for the Navy under Contract Task Order (CTO) 002 by the Naval Facilities Engineering Command Mid-Atlantic under the Comprehensive Long-Term Environmental Action Navy (CLEAN) contract number N62472-03-D-0057. This Data Report presents soil vapor investigation activities that took place from January 21, to January 30, 2008 at the Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage, Long Island, New York (Figures 1 and 2). The monitoring activities were conducted in accordance with the Tetra Tech letter work plan (TtNUS, 2007) and New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH, 2006).

Site 1 was identified as having been impacted by historic releases of chlorinated solvents and was remediated via an air sparging/soil vapor extraction (AS/SVE) system between 1998 and 2001. Remedial goals were based on protection of groundwater and minimization of solvent emissions during a planned subsequent soil removal action. Remediation goals did not consider possible soil vapor migration to an adjacent residential neighborhood. Natural attenuation of solvents continues. Site photos are presented in Appendix A.

Soils in general at Site 1 consist mainly of unconsolidated sediments that overlie crystalline bedrock. The unconsolidated sediments consist of four distinct geologic units that in descending order are the Upper Glacial Formation, the Magothy Formation, the Raritan Clay, and the Lloyd Formation.

The Upper Glacial Formation, which is about 30 to 45 feet thick, consists chiefly of coarse sands and gravels. The upper Magothy Formation consists chiefly of coarse sands to a depth of about 100 feet, below which finer sands, silts, and clay predominate. The clay is fairly common but laterally discontinuous; no individual clay horizon of regional extent underlies the NWIRP.

The Raritan Clay underlies the Magothy Formation at a depth of about 700 feet beneath the NWIRP and is reportedly 100 to 150 feet thick. The underlying Lloyd Sand Formation is reportedly about 300 feet thick.

2.0 FIELD AND SAMPLING ACTIVITIES

From January 21 to January 30, 2008, 6 soil borings and 18 temporary soil gas points were installed, 4 existing soil vapor pressure monitors were converted to soil gas sampling wells, and 22 soil gas samples were collected, (Figure 3). Soil borings and soil gas points were installed using direct push technology (DPT).

Four temporary soil gas borings were installed along the fence running from the southeast corner to the northeast corner of Site 1. This fence line separates the Navy property from a residential neighborhood (BPS1-SB1001 to BP-SB1004) to the east. Site 1 is a known area with historical solvent contamination. In addition, two soil gas borings were installed northeast of Site 1, also along the edge of the Navy property and the residential neighborhood (BPS1-SG1005 and BPS1-SG1006). These borings were installed to continue the line of investigation to the eastern edge of Navy property.

For each location, continuous soil macro core samples were first collected to depths of 40 to 49 feet bgs and the lithology was characterized in the field. The Work Plan identified a boring depth of 50 feet, but refusal was encountered before this depth for each boring. Based on groundwater monitoring wells located at the site, groundwater is approximately 51 feet below ground surface. Groundwater was not encountered in any of the borings.

Soil boring log sheets are presented in Appendix B. Soils from the surface to the bottom of the borings were generally characterized as fine to coarse sands and gravels, with some silt. Thin lenses of sandy silt or clayey silt were encountered during the borings. These lenses were generally 2 to 4 feet thick. One lens was encountered a depth of approximately 10 feet in all of the borings. A sandy silt unit was also observed near the bottom of one boring (BPS1-SB1004). Soil gas points were installed at depths to avoid these lenses.

Soil gas points were installed in a separate borings, approximately 2 to 3 feet away from the soil boring and other soil gas points. The soil gas points were installed using DPT to depths of 5.5 to 8 ft, 20 to 22 ft and 40 to 46 feet. Individual samples and depths are presented in Table 1.

During sampling, several steps were taken to ensure the representativeness of the soil gas sample. For each soil gas point, the sampling point was pushed to the target sample depth and the sample screen below the rods was exposed. A tube with a threaded and o-ring seal connection was lowered from the surface and screwed into a paired sample screen port. The ground surface was covered with plastic and a 5-gallon container was placed over the down-hole

equipment. Penetrations through the bucket (rods and tubing) were sealed with bentonite and the container was filled with helium.

Sample collection consisted of first purging the well screen and sample tubing with a positive displacement pump. Purge and sample rates varied from 0.12 to 0.25 liters per minute. During purging, helium and photo ionization detector (PID) readings of the off gas were obtained and recorded. The helium readings were used to determine potential leakage of air from the surface to the sample point. PID readings were collected to support data evaluation. During the purge process, helium readings in excess of criteria were not observed (Appendix C). PID readings ranged from 0 to 9 parts per million. The cold weather affected the battery on the PID meter, and PID readings were not obtained on all samples.

Following purging, soil gas samples for laboratory testing were collected using a summa canister. Sample collection times ranged from approximately 40 to 60 minutes. After the soil gas samples were collected, each boring was backfilled with granular bentonite. The temporary wells were not surveyed; rather field measurements were taken to define the soil gas locations (Appendix C). Soil cuttings were containerized in 55 gallon drums for characterization and disposal.

Ambient air samples were collected simultaneously with each soil gas sample to evaluate potential chemicals in the ambient area. The Summa sample containers were positioned at a location approximately 30 to 50 feet upwind and at a height to 1 to 2 feet above grade. The ambient air sample was obtained over a four- to eight-hour period that corresponded to the soil vapor collection activities. The canister was moved during sampling activities to remain upwind of the sampled boring (Appendix C).

The soil gas samples were analyzed according to United States Environmental Protection Agency (USEPA) Method TO-15 volatile organic compounds (VOCs) by Air Toxics Ltd. Folsom, California, an Environmental Laboratory Approval Program (ELAP) certified laboratory (USEPA, 1999).

3.0 SOIL GAS ANALYTICAL RESULTS

From January 21 to January 30, 2008, 18 temporary soil gas samples and 4 converted soil vapor pressure monitoring points were sampled via Summa canisters and analyzed for TO-15 VOCs. Chain of custody sheets and the data analytical reports can be found in Appendices D and E, respectively.

Analytical results are presented in Table 2 and Figure 4. For comparison, EPA Region 3 Risk-Based Concentration (RBC) criteria are presented. These criteria are not applicable to soil gas, but present baseline concentrations at which risk to human health may result under long term exposure. Detections less than these concentrations would not be expected to present any risk to human health.

NYSDOH uses indoor air values of 5 micrograms per cubic meter of air ($\mu g/m^3$) and 100 $\mu g/m^3$ for trichloroethene (TCE) and tetrachloroethene (PCE), respectively. NYSDOH has not published similar values for other constituents. As a result, the primary focus of this evaluation will be for TCE and PCE.

For the temporary soil gas samples, the highest TCE and PCE concentrations were detected in the shallow (7 to 8 feet) and intermediate-depth (20 feet) soil gas samples at locations BPS1-SG1001 and BPS1-SG1002. These points are in the south portion of the site. Maximum TCE and PCE concentrations were 180,000 and 1,700 ug/m^3, respectively. The highest 1,1,1-trichloroethane concentration (90,000 ug/m^3) was also detected in this area. Soil gas samples collected near the water table at these soil gas points were a factor of approximately 10 to 100 times lower than observed in the shallow and intermediate depth samples, suggesting that the residual soil gas contamination may be associated with the silt unit observed at approximately 10 feet below ground surface.

Two of the four converted soil vapor pressure monitors (SVPM11S-24 and SVPM11-49) are co-located with temporary soil gas points (BPS1-SG1001) and the soil gas results are similar. The other two converted soil vapor pressure monitors (SVPM12S-25 and SVPM12-50) are located further south at Site 1 and do not have associated soil gas points. Soil gas results from these southern converted soil vapor pressure monitors indicated a trend of higher soil gas concentrations at the water table than at the intermediate depth, which is reverse of what was observed else where at the site.

In the central and northern portion of Site 1, (BPS1-SG1003 and BPS1-SG1004), TCE and PCE were detected at maximum concentrations of 750 and 1,300 ug/m^3. While these concentrations are lower than detected in the southern sample points, these concentrations are significant when compared to NYSDOH criteria. In this area, the higher TCE concentrations are in the deepest samples, whereas the higher PCE concentrations were more evenly distributed over depth.

Northeast of Site 1 (BPS1-SG1005 and BPS1-SG1006), TCE and PCE were detected at maximum concentrations of 71 and 60 ug/m^3. The higher concentrations were detected near the water table.

In addition to TCE and PCE, 1,1-dichloroethene (1,1-DCE) (4,700 µg/m^3) and 1,1-dichloroethane (1,1-DCA) (1,700 µg/m^3) were detected in the borings in the southern portion of the site. The detection of these compounds corresponded to the higher TCE and PCE detections.

Freons, chloromethane, acetone, 2-butanone, benzene, and toluene were detected in all or most of the field blanks. Concentrations were generally less than EPA Region 3 RBCs. Benzene, toluene, ethyl benzene, xylenes, freon, and methyl tert-butyl ether were also detected in most of the soil gas samples at concentrations similar to or less than EPA Region 3 RBCs. Trans 1,2-dichloroethene was detected slightly above or comparable to the EPA Region 3 RBC criteria of 62 µg/m^3 from the soil borings located in the northern area.

EPA Region 3 RBC exceedances for cis-1,2-dichloroethene ranged from 79 µg/m^3 in BPS1-SG1004-46 to 860 µg/m^3 in SVPM11S-24. The highest exceedances of chloroform (53 µg/m^3) and carbon tetrachloride (130 µg/m^3) were located northeast of Site 1 in BPS1-SG1006-20 (Figure 4).

4.0 CONCLUSIONS

1. Soil gas samples collected along the eastern border of the site exceeded NYSDOH for indoor air criteria for TCE and PCE of 5 ug/m^3 and 100 u/m^3, respectively. Maximum TCE and PCE concentrations were 180,000 µg/m^3 and 5,300 µg/m^3, respectively.

2. Chemical concentrations in soil gas samples collected along the southern edge of Site 2 and the northeast corner of Site 1 (BPS1-1004, BPS1-1005, and BPS1-1006) were much lower than concentrations detected along the central and southeast corner of Site 1. Maximum TCE and PCE concentration were 820 µg/m^3 and 78 µg/m^3, respectively. These concentrations were detected at a depth of 46 feet below ground surface. Shallower samples contained lower concentrations of these chemicals.

3. The highest concentrations of TCE and PCE were generally detected at depths of 20 and 50 feet. However, shallow samples BPS1-SG1001-07 (7 feet bgs) and BPS1-SG1002-08 (8 feet) contained TCE (19,000 µg/m^3 and 3,300 µg/m^3) and PCE (170 µg/m^3 and 1,700 µg/m^3) at concentrations greater than NYSDOH criteria of 5 µg/m^3 and 100 µg/m^3 for indoor air, respectively.

4. Based on this data, potential migration of contaminated soil vapor to adjacent residents may be possible.

REFERENCES

New York State Department of Health (NYSDOH), 2006. Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October.

Tetra Tech NUS, Inc. (TtNUS), 2007. Letter Work Plan-Site 1-Soil Gas Investigation. Naval weapons Industrial reserve Plant, Bethapge, New York.

United States Environmental Protection Agency (USEPA), 1999. Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air Second Edition Compendium Method TO-15 Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/ Mass Spectrometry (GC/MS). January.

United States Environmental Protection Agency (USEPA), 2007. Mid-Atlantic Risk Assessment Human Health Risk Assessment Risk-Based Concentration Table, updated October 2007, retrieved from the EPA website, http://www.epa.gov/reg3hwmd/risk/human/index.htm

TABLE 1
SOIL GAS INVESTIGATION
FIELD ACTIVITIES
NWIRP BETHPAGE, NEW YORK

Boring Number	Drilling Method	Total Depth (feet)[1]	Depth (feet)	Soil Sample	Air Sample [2]
BPS1-SG1001	DPT	40	7	no	YES
			20	no	
			40	no	
			40 DPT	continuous	
BPS1-SG1002	DPT	45	8	no	YES
			20	no	
			45	no	
			45 DPT	continuous	
BPS1-SG1003	DPT	45	5.5	no	YES
			20	no	
			45	no	
			45 DPT	continuous	
BPS1-SG1004	DPT	46	5.5	no	YES
			22	no	
			46	no	
			46 DPT	continuous	
BPS1-SG1005	DPT	45	8	no	YES
			20	no	
			45	no	
			45 DPT	continuous	
BPS1-SG1006	DPT	45	7	no	YES
			20	no	
			45	no	
			45 DPT	continuous	
SVPM11S-24	existing	25	24	no	YES
SVPM11-49	existing	50	49	no	YES
SVPM12S-25	existing	27.1	25	no	YES
SVPM12-50	existing	52.1	50	no	YES

1. Depth below ground surface
2. Work area summa canister (4 to 8 hours).

DPT = Direct push technology

TABLE 2
SOIL GAS SAMPLING ANALYTICAL RESULTS
NWIRP BETHPAGE, NEW YORK

	Ambient air [1]		BPS1-SG1001-07	BPS1-SG1001-20	BPS1-SG1001-40	BPS1-SG1002-08	BPS1-SG1002-08 DUP	BPS1-SG1002-20	BPS1-SG1002-45	BPS1-SG1003-05.5	BPS1-SG1003-20	BPS1-SG1003-45	BPS1-SG1004-05.5	BPS1-SG1004-22	BPS1-SG1004-46	BPS1-SG1005-08	BPS1-SG1005-20	BPS1-SG1005-45	BPS1-SG1006-07	BPS1-SG1006-20	BPS1-SG1006-45	SVPM11S-24	SVPM11-49	SVPM12S-25	SVPM12-50
Compound	**µG/m3**		**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**
Freon 12	182.50	N			4.1					0.86			1.6	1.9		1.8	1.6	1.4	1.6	1.4	1.2		1.8		
Chloromethane	94.90	N											0.83	1.1		0.79	0.34				0.5		1.1		
Freon 11	730.00	N								1.8			1.3	1.5		1.3	1.6	2.3	1.1	1.7	1.4		1.2		
Freon 113	31,390.00	N				2,200	2,900	**5,100**	2,400	790E	1,400	2,200	4		600	2.4	3	15				4,900			
1,1-Dichloroethene	219.00	C	**490**	**2,400**	15			20		0.94	5.8	8.8			4.1								**1,700**	**4,700**
Acetone	3,285.00	N	370		14	64	72	1500	2000	95	120	340	330E	230E	470	230E	490 E	740E	110	160E	570E		9.3		
Carbon Disulfide	730.00	N											3.6			2.5	4.6	2.3	3.2	4.7	2.4				
Methylene Chloride	3.79	C			**150**																				
Methyl tert-butyl ether	1.57	C										**8.2**													
trans-1,2-Dichloroethene	62.05	N				22	25	58				5.6			22							**64**			
1,1-Dichloroethane	511.00	C	130	**1,700**	14	15		62	16	1.2	19	95			460							63		**710**	**1,400**
2-Butanone	5,110.00	N	35					50	230	10	12	22	16	0.87	15	11	53	37	26	21	50		0.75		
cis-1,2-Dichloroethene	36.50	N		**560**	4.4	**160**	**200**	**800**	**92**		3.7	8.1			**79**							**860**			**780**
Chloroform	0.08	C								**1.2**	**4.9**	**5.7**					**1.7**	**1.2**	**2.4**	**53**	**28**				
1,1,1-Trichloroethane	5,219.50	N	**16,000**	**90,000**	890	740	970	1,900	550	440E	790	780	3.9		430	3.4	11	27			0.95	2,400		**36,000**	**75,000**
Carbon Tetrachloride	0.12	C																	**41**	**130**	**99**				
Benzene	0.23	C						**33**	**56**	**3.3**	**6.2**	**9.4**	**7.6**	**1.4**	**5.2**	**7.1**	**22**	**8.4**	**5.1**	**7.2**	**23**		**1**		
4-Methyl-2-pentanone	3,139.00	N											2.1				1.8		0.66						
Toluene	5,110.00	N						31	66	25	41	24	32	3.6	15	10	37	30	8.8	18	**40**	23	2.2		
Tetrachloroethene	0.31	C	**170**	**1,200**	**5.9**	**1,700**	**2,100**	**960**	**20**	**540E**	**1,300**	**250**	**22**		**78**	**15**	**59**	**60**	**19**	**28**	**44**	**5,300**			
Chlorobenzene	51.10	N																							
Ethyl Benzene	1,058.50	C								7.8	12	4.4	9.1			1.8	6.4	4.7	1.8	3.2	5.2				
m,p-Xylene	109.50	N							20	27	34	14	32	1.9	7.4	5.1	12	13	5	8.4	14	26	1.2		
o-Xylene										8.3	11		11	0.63		1.2	3.2	2.6	1.6	2.2	2.7				
Styrene	1,043.90	C								0.92			0.76				0.89			0.74					
1,4-Dichlorobenzene	0.16	N								**1.5**				**0.84**											
Trichloroethene	0.02	C	**19,000**	**180,000**	**1,400**	**3,300**	**4,600**	**4,400**	**320**	**110**	**590**	**750**	**5.2**		**820**	**1.5**	**16**	**71**	**1.2**	**2**	**2.1**	**7,200**	**0.29**	**73,000**	**150,000**

1 - Ambient air criteria from EPA Region 3 RBC tables, http://www.epa.gov/reg3hwmd/risk/human/index.htm
µg/m³ = micrograms per cubic meter of air
C = Carcinogenic effects N = Noncarcinogenic effects
Bolded values are exceedances of EPA Region 3 RBCs.
E = exceeds instrument calibration range, reported results likely exceed plus/minus 25 %.
Blank cells indicate a non-detect value.

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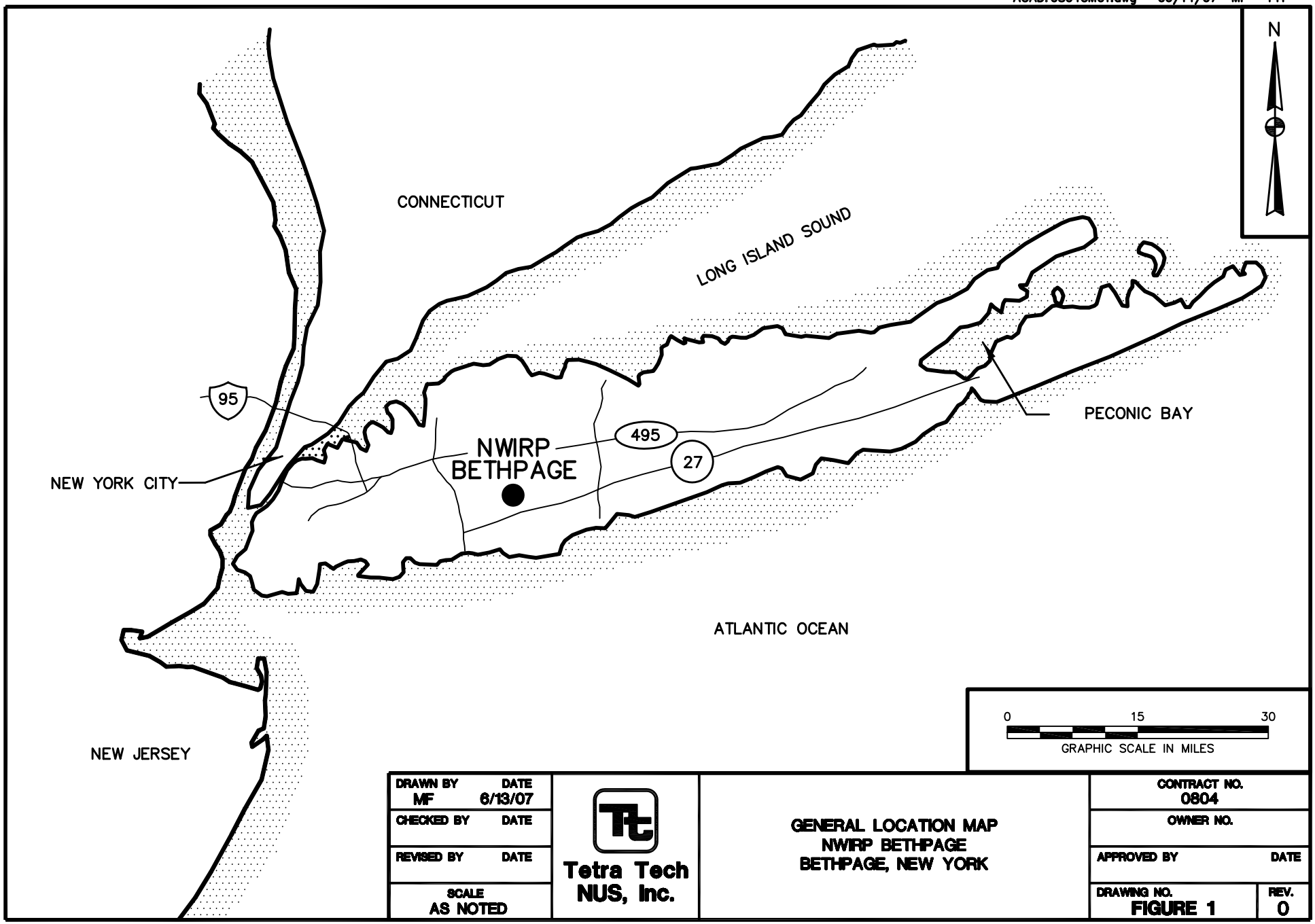

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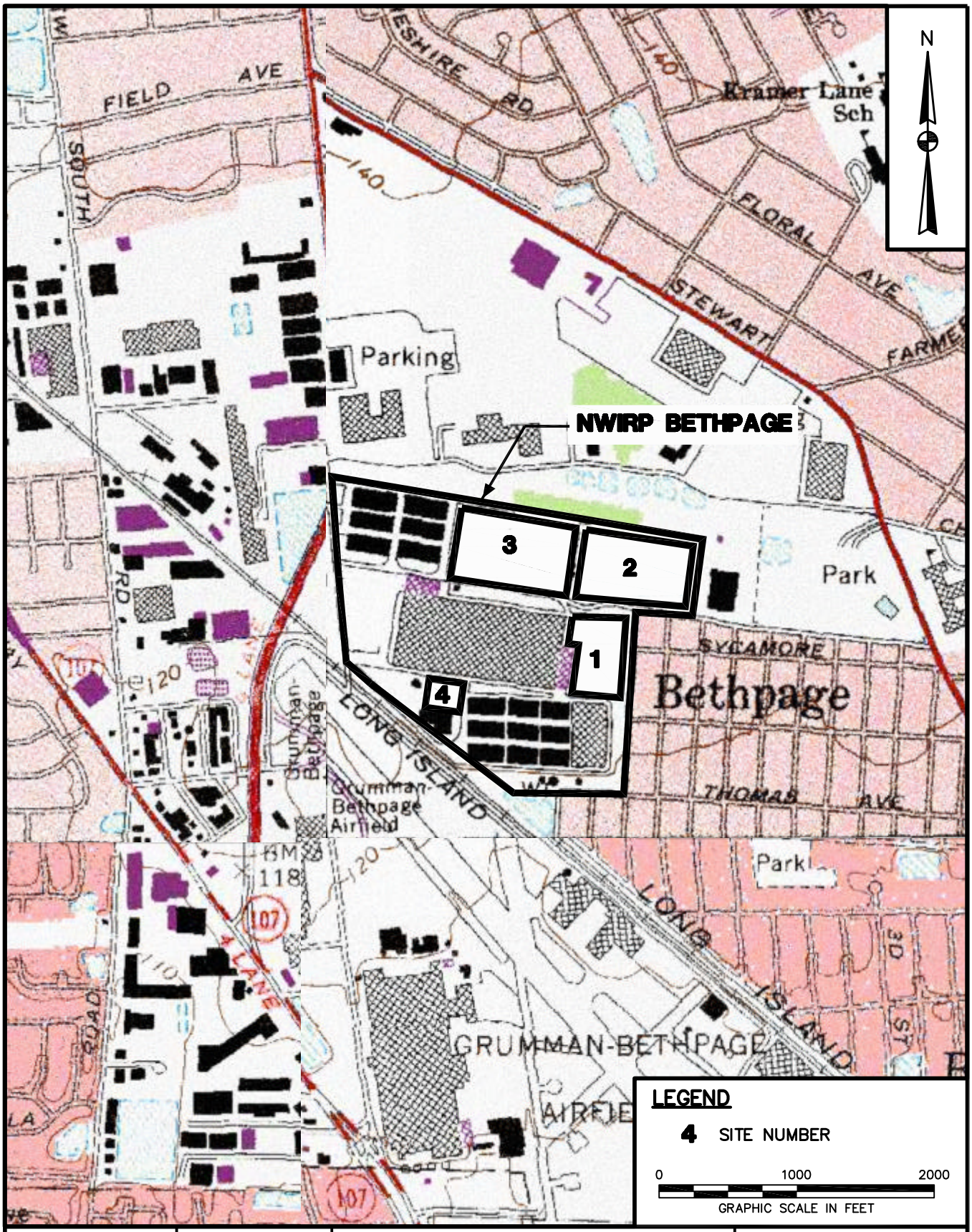
CHECKED BY DATE			OWNER NO.
REVISED BY DATE			APPROVED BY DATE
SCALE AS NOTED			DRAWING NO. FIGURE 1 / REV. 0

FORM CADD NO. TTNUS-AH.DWG - REV 1 -9/10/98



ACAD: 0804CM02.dwg 06/13/07 MF PIT

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REVISED BY	DATE		APPROVED BY DATE
SCALE AS NOTED			DRAWING NO. FIGURE 2 / REV. 0

FORM CADD NO. TTNUS-AV.DWG - REV 1 -9/10/98

ACAD: 9845CM10.dwg 11/06/07 MF PIT

N

SITE 3

SITE 2

NAVY ACCESS EASEMENT

BPS1-SG1005

BPS1-SG1006

BUILDING

SETTLING TANK

DRY WELL 20-08

AOC 30

AOC 23

AOC 35

BPS1-SG1004

SYCAMORE AVENUE

SITE 1

BPS1-SG1003

PLANT NO. 3

METAL STORAGE BUILDINGS

SVPM11

BPS1-SG1002

SVPM11S

PAD

11TH STREET

FORMER METAL STORAGE BUILDINGS

DRY WELL 34-07

BPS1-SG1001

NAVY PROPERTY TO BE RETAINED

SVPM12S

SVPM12

SITE 4/AOC 22

MAPLE AVENUE

LEGEND:

- DRY WELL
- SOIL GAS SAMPLE LOCATION
- SOIL VAPOR PRESSURE MONITOR
- PROPERTY LINE
- FENCE LINE

0 100 200

GRAPHIC SCALE IN FEET

DRAWN BY: MF	DATE: 11/5/07
CHECKED BY	DATE
REVISED BY	DATE
SCALE: AS NOTED	

Tetra Tech NUS, Inc.

SITE 1 LAYOUT MAP
NWIRP BETHPAGE
BETHPAGE, NEW YORK

CONTRACT NO. 9845	
OWNER NO.	
APPROVED BY	DATE
DRAWING NO. FIGURE 3	REV. 0

FORM CADD NO. TTNUS-BV.DWG - REV 1 -9/11/98

N

NAVY ACCESS EASEMENT

SITE 2

BPSI-SG1005-08 (8 ft bgs)

Compound	µG/m3
Tetrachloroethene	15
Trichloroethene	1.5

BPSI-SG1005-20 (20 ft bgs)

Compound	µG/m3
Chloroform	1.7
Tetrachloroethene	59
Trichloroethene	16

BPSI-SG1005-45 (45 ft bgs)

Compound	µG/m3
Chloroform	1.2
Tetrachloroethene	60
Trichloroethene	71

BUILDING
AOC 30

AOC 35

ELL 20-08

SETTLING TANK

AOC 23

BPSI-SG1004-05.5 (5.5 ft bgs)

Compound	µG/m3
Tetrachloroethene	22
Trichloroethene	5.2

BPSI-SG1004-22 (22 ft bgs)

Compound	µG/m3
Benzene	1.4
1,4-Dichlorobenzene	0.84

BPSI-SG1004-46 (46 ft bgs)

Compound	µG/m3
cis-1,2-Dichloroethene	79
Tetrachloroethene	78
Trichloroethene	820

BPSI-SG1006-07 (7 ft bgs)

Compound	µG/m3
Chloroform	2.4
Carbon Tetrachloride	41
Tetrachloroethene	19
Trichloroethene	1.2

BPSI-SG1006-20 (20 ft bgs)

Compound	µG/m3
Chloroform	53
Carbon Tetrachloride	130
Tetrachloroethene	28
Trichloroethene	2

BPSI-SG1006-45 (45 ft bgs)

Compound	µG/m3
Chloroform	28
Carbon Tetrachloride	99
Tetrachloroethene	44
Trichloroethene	2.1

BPSI-SG1003-05.5 (8 ft bgs)

Compound	µG/m3
Chloroform	1.2
Tetrachloroethene	540 E
1,4-Dichlorobenzene	1.5
Trichloroethene	110

BPSI-SG1003-20 (20 ft bgs)

Compound	µG/m3
Chloroform	4.9
Tetrachloroethene	1300
Trichloroethene	590

BPSI-SG1003-45 (45 ft bgs)

Compound	µG/m3
Chloroform	5.7
Tetrachloroethene	250
Trichloroethene	750

SYCAMORE AVEENUE

BPSI-SG1002-08 (8 ft bgs)

Compound	µG/m3
cis-1,2-Dichloroethene	160
Tetrachloroethene	1700
Trichloroethene	3300

BPSI-SG1002-08 lab dup (8 ft bgs)

Compound	µG/m3
cis-1,2-Dichloroethene	150
Tetrachloroethene	1700
Trichloroethene	3500

BPSI-SG1002-20 (20 ft bgs)

Compound	µG/m3
Freon 113	5100
cis-1,2-Dichloroethene	800
Tetrachloroethene	960
Trichloroethene	4400

BPSI-SG1002-45 (45 ft bgs)

Compound	µG/m3
cis-1,2-Dichloroethene	92
Tetrachloroethene	20
Trichloroethene	320

SITE 1

METAL STORAGE BUILDINGS

PAD

SVPM11-49 (49 ft bgs)

Compound	µG/m3
Trichloroethene	0.29

11TH STREET

SVPM11S-24 (24 ft bgs)

Compound	µG/m3
trans-1.2-Dichloroethene	64
cis-1,2-Dichloroethene	860
Tetrachloroethene	5300
Trichloroethene	7200

NAVY PROPERTY TO BE RETAINED

SVPM12-50 (50 ft bgs)

Compound	µG/m3
1,1-Dichloroethene	4700
1,1-Dichloroethane	1400
cis-1,2-Dichloroethene	780
1,1,1-Trichloroethane	75000
Trichloroethene	150000

BPSI-SG1001-07 (7 ft bgs)

Compound	µG/m3
1,1-Dichloroethene	490
1,1,1-Trichloroethane	16000
Tetrachloroethene	170
Trichloroethene	19000

BPSI-SG1001-20 (20 ft bgs)

Compound	µG/m3
1,1-Dichloroethene	2400
1,1-Dichloroethane	1700
cis-1,2-Dichloroethene	560
1,1,1-Trichloroethane	90000
Tetrachloroethene	1200
Trichloroethene	180000

BPSI-SG1001-40 (40 ft bgs)

Compound	µG/m3
Methylene Chloride	150
Tetrachloroethene	5.9
Trichloroethene	1400

17 SOUTH

SVPM12S-25 (25 ft bgs)

Compound	µG/m3
1,1-Dichloroethene	1700
1,1-Dichloroethane	710
1,1,1-Trichloroethane	36000
Trichloroethene	73000

MAPLE AVENUE

LEGEND

- DRY WELL
- SOIL GAS SAMPLE LOCATION
- SOIL VAPR PRESSURE MONITOR
- PROPERTY LINE
- FENCE LINE
- SITE BOUNDARY
- AOC BOUNDARY

NOTE:
FIGURE PRESENTS VOLATILE ORGANIC COMPOUNDS THAT EXCEED EPA REGION 3 RBCs FOR INDOOR AIR. FOR COMPARISON, NEW YORK STATE DEPARTMENT OF HEALTH INDOOR AIR CRITERIA FOR TCE AND PCE ARE 5 µg/m³ AND 100 µg/m³ RESPECTIVELY.

0 80 160
SCALE IN FEET

TETRA TECH NUS, INC.

SOIL GAS RESULTS
SITE 1
NWIRP BETHPAGE
BETHPAGE, NEW YORK

FILE	SCALE
112GN9845GM01	AS NOTED
FIGURE NUMBER: FIGURE 4	REV: 0 / DATE: 02/27/08

APPENDIX A

SITE PHOTOS

Bethpage Site 1
Soil Gas Photos
January 2008

Photo 1: DPT rig, East of Site 1

Photo 2: DPT rig, East of Site 1

Bethpage Site 1
Soil Gas Photos
January 2008

Photo 3: DPT rig, East of Site 1

Photo 4: DPT rig, East of Site 1

Bethpage Site 1
Soil Gas Photos
January 2008

Photo 5: DPT rig, East of Site 1

Photo 6: DPT rig, East of Site 1

Bethpage Site 1
Soil Gas Photos
January 2008

Photo 7: Probe tubing, helium tank over sample point.

Photo 8: Probe and tubing over two sample points.

Bethpage Site 1
Soil Gas Photos
January 2008

Photo 9: Summa canister and purge pump.

Photo 10: Purge pump and helium detector.

Bethpage Site 1
Soil Gas Photos
January 2008

Photo 11: Field blank and Summa canister.

Photo 12: DPT rig and sample points, East of Site 1.

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Bethpage Site 1
Soil Gas Photos
January 2008

Photo 13: Sample points, East of Site 1

Photo 14: Sample points, East of Site 1

APPENDIX B

SOIL BORING LOGS and MONITORING WELL CONSTRUCTION SHEETS

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe

BORING No.: BPS1-SG1001
DATE: 1-24-08
GEOLOGIST: Vince Shickora
DRILLER: Luke Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0920	S-1	1					DK Brn	Sandy Silt with Trace fine gravel (Fill)		moist	0	0	0	0
		3												
0925		5		48"/60"			Brn	FGR to CGR Sand and Fine to course gravel Trace Silt		moist	0	0	0	0
	S-2													
		7												
		9					Brn Gry	Sandy Silt - Trace fine gravel and clay		moist	0	0	0	0
0932				57"/60"										
	S-3	11					org Brn	FGR to CGR Sand and fine to course gravel Trace silt		moist	0	0	0	0
		13												
							org Brn	Same as above		moist	0	0	0	0
0938		15		45"/60"										
	S-4													
		17					org Brn	Same as above		moist	0	0	0	0
		19												
0944				46"/60"			org Brn	Same as above		moist	0	0	0	0
	S-5	21												
		23												
							org Brn	Same as above		moist	0	0	0	0
1005		25		44"/60"										

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Geoprobe DPT - 2"x5' macro-core discreet Interval Sampler with Acetate sleeves

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe
BORING No.: BPS1-SG1001
DATE: 1-24-08
GEOLOGIST: Vince Shickora
DRILLER: Luke Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-6						Org Brn	FGR to CGR Sand and Fine to course gravel Trace Silt		moist	0	0	0	0
		27												
		29					Org Brn	Same as above		moist	0	0	0	0
1020				45"/60"										
	S-7	31												
							Org Brn	FGR to MGR Sand with Trace CGR Sand - Gravel - Silt		moist	0	0	0	0
		33												
							Brn	FGR to MGR Sand - Trace		moist				
1859		35		56"/60"			Tan	CGR Sand - Silt			0	0	0	0
	S-8													
		37					Org Brn	FGR to CGR Sand and fine to Course gravel Trace Silt.		moist	0	0	0	0
		39												
1418														
		41			EoB									
		43												
		45												
		47												
		49												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: (see page 1) Hit refusal at ~37 feet after collecting 35' to 40' sample and attempting to collect 40' to 45' sample

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe

BORING No.: BPS1-SG1002
DATE: 1-23-08
GEOLOGIST: Vince Shickora
DRILLER: Luke Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0837	S-1	1					DK Brn	Sandy silt with some fine gravel (grass + roots)		moist	0	0	0	0
		3												
							org Brn	FGR to CGR sand and fine to course gravel Trace silt		moist	0	0	0	0
0839		5		42"/60"										
	S-2													
		7					Brn	Same as above		moist	0	0	0	0
		9												
0843							Brn	Same as above		moist	0	0	0	0
	S-3	11		50"/60"										
							Grey Brn	Same as above (more silt)		moist	0	0	0	0
		13												
0847		15		51"/60"			org Brn	Same as above		moist	0	0	0	0
	S-4													
		17												
							org Brn	Same as above		moist	0	0	0	0
		19												
0948				41"/60"										
	S-5	21					org Brn	Same as above		moist	0	0	0	0
		23												
1010		25		47"/60"			org Brn	Same as above		moist	0	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Geoprobe DPT - 2"x5' macro-core discreet Interval sampler with Acetate sleeves

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe

BORING No.: BPS1-SG1002
DATE: 1-23-08
GEOLOGIST: Vince Shickora
DRILLER: Luke Reiss

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-6						org Brn	Same as above		moist	0	0	0	0
	27												
						Brn Tan	FGR to MGR Sand Trace CGR Sand-silt and gravel		moist	0	0	0	0
	29												
1038 S-7	31					Brn Tan	Same as above		moist	0	0	0	0
	33												
						Brn Tan	Same as above (more fine gravel)		moist	0	0	0	0
	35												
S-8													
	37					org Red	Silty CGR Sand with gravel (Fine)			0	0	0	0
						Brn	Trace FGR to MGR sand						
	39					Brn							
						Brn Red	Same as above		moist	0	0	0	0
S-9	41												
						Tan Wht	FGR to MGR Sand Trace silt.		moist	0	0	0	0
	43												
						Wht	Same as above		moist	0	0	0	0
	45			EOB									
	47												
	49												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: (See page 1) Hit refusal at ~43' on way down to Sample 45' to 50' interval

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe

BORING No.: BPS1-SG1003
DATE: 1-21-08
GEOLOGIST: Vince Shickora
DRILLER: Luke Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1005	S-1	1					DK Brn	Sandy Silt with grass and roots		moist	0	0	0	0
		3					Brn	Clayey Silt with some Sand + Fine gravel		moist	0	0	0	0
1015		5		37"/60"			Brn	Silty FGR to CGR Sand some fine gravel		moist	0	0	0	0
	S-2													
		7												
							Brn Gry	Clayey Silt		moist	0	0	0	0
		9												
1020				41"/60"										
	S-3	11					Brn	FGR to CGR Sand Trace Silt + Fine gravel		moist	0	0	0	0
		13					Brn	Same as above		moist	0	0	0	0
		15		43"/60"			Brn	MGR to CGR Sand Trace Silt + Fine gravel		moist	0	0	0	0
1025	S-4													
		17					Brn Tan	FGR to CGR Sand with Fine to Coarse gravel Trace Silt		moist	0	0	0	0
		19												
1030				49"/60"										
	S-5	21					Brn Tan	Same as above		moist	0	0	0	0
		23												
1040		25		44"/60"			Brn Tan	Same as above		moist	0	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Geoprobe DPT - 2"x5' Macro-core discreet Interval Sampler with Acetate sleeve

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO - 121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe

BORING No.: BPS1-SG1003
DATE: 1-21-08
GEOLOGIST: V. Shickora
DRILLER: L. Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-6													
		27					Brn Tan	Same as above		moist	0	0	0	0
		29												
1048							Tan	FGR to MGR Sand Trace silt + fine gravel		moist	0	0	0	0
	S-7	31												
							Tan	Same as above		moist	0	0	0	0
		33												
							Brn Tan	FGR Sand with some silt - Trace fine gravel		moist	0	0	0	0
1100		35												
	S-8													
		37					Brn Tan	FGR to CGR Sand and Fine to coarse gravel some silt.		moist	0	0	0	0
		39												
1120							Brn Tan	Same as above		moist	0	0	0	0
	S-9	41												
		43												
							Brn Tan	Same as above		moist	0	0	0	0
1150		45												
	S-10				EOB refusal									
		47												
		49												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: (see page 1)

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe

BORING No.: BPS1-SG1004
DATE: 1-21-08
GEOLOGIST: Vince Shickora
DRILLER: Luke Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1400	S-1	1					DK Brn	Sandy Silt with some gravel (Fill)		moist	0	0	0	0
		3												
							Brn	FGR to CGR Sand with some fine gravel and Trace Silt.		moist	0	0	0	0
1403		5		39"/60"										
	S-2													
		7												
							Brn Gry	Clayey silt with Trace Sand / fine gravel		very moist	0	0	0	0
		9												
1407				51"/60"										
	S-3	11					org Brn	FGR to CGR Sand and fine to course gravel Trace silt		moist	0	0	0	0
		13												
1412		15		39"/60"			Brn Tan	Same as above		moist	0	0	0	0
	S-4													
		17												
							Brn Tan	Same as above (more silt 16' to 18')		moist	0	0	0	0
		19												
1416				42"/60"										
	S-5	21					Brn Tan	Same as above		moist	0	0	0	0
		23					Brn	FGR to MGR Sand		moist	0	0	0	0
							Tan	Trace silt + fine gravel						
1427		25		45"/60"										

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Geoprobe DPT - 2" x 5' Macro-core discreet Interval Sampler with Acetate Sleeves

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NwIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe

BORING No.: BP51-SG1004
DATE: 1-21-08/1-22-08
GEOLOGIST: V. Shickora
DRILLER: L. Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-6						Brn Tan	FGR to CGR Sand and Fine to Course gravel Trace Silt.		moist	0	0	0	0
		27												
		29					Brn Tan	FGR to MGR Sand Trace CGR Sand + Fine gravel Trace Silt		moist	0	0	0	0
1441				45"/60"										
	S-7	31												
							Brn	Same as above		moist	0	0	0	0
		33												
1509		35		42"/60"			Brn	Same as above		moist	0	0	0	0
	S-8													
		37												
		39					Brn Tan	FGR to CGR Sand some Fine gravel - Trace Silt		moist	0	0	0	0
1540				46"/60"										
		41												
							Brn Tan	Same as above		moist	0	0	0	0
		43												
1602		45		47"/60"			Brn Tan	FGR to MGR Sand Trace CGR sand + Fine gravel		moist	0	0	0	0
1-21-08 → 0737														
		47					Brn Tan	Same as above		moist	0	0	0	0
		49					Brn	Sandy Silt - Trace clay + Fine gravel		moist	0	0	0	0
1-22-08 0748					EoB									

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: (see page 1)

Drilling Area Background (ppm): 0

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe

BORING No.: BPS1-SG1005
DATE: 1-23-08
GEOLOGIST: Vince Shickora
DRILLER: Luke Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
1350	S-1	1					DK Brn	Sandy Silt with some fine gravel		very moist	0	0	0	0
		3					DK Brn	Same as above		very moist	0	0	0	0
1355		5		49"/60"										
	S-2						org Brn	FGR to CGR Sand and Fine to medium gravel Trace Silt		moist	0	0	0	0
		7												
							org Brn	Same as above		moist	0	0	0	0
		9												
1359				47"/60"			org Gry	Sandy Silt with Fine To Medium gravel		moist	0	0	0	0
	S-3	11					Brn	Trace clay						
		13												
							org Brn	FGR to CGR Sand and Fine to coarse gravel Trace Silt		moist	0	0	0	0
1404		15		48"/60"										
	S-4													
		17												
							org Brn	Same as above		moist	0	0	0	0
		19												
1411				50"/60"										
	S-5	21					org Brn	Same as above		moist	0	0	0	0
		23												
							org Brn	Same as above		moist	0	0	0	0
1422		25		47"/60"										

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Geoprobe DPT - 2" x 5' Macro-core discreet Interval Sampler with Acetate Sleeves

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe
BORING No.: BP51-SG1005
DATE: 1-23-08
GEOLOGIST: V. Shickora
DRILLER: L. Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-6						org Brn	Same as above		moist	0	0	0	0
		27												
		29					org Brn	Same as above		moist	0	0	0	0
1436				40"/60"										
	S-7	31												
							org Brn	Same as above		moist	0	0	0	0
		33												
1453		35		41"/60"			org Brn	Same as above		moist	0	0	0	0
	S-8													
		37					org Brn	FGR to CGR Sand and Fine gravel - Trace silt and Medium gravel		moist	0	0	0	0
		39												
1524				44"/60"			org Brn	Same as above		moist	0	0	0	0
		41												
		43					org Brn	Same as above		moist	0	0	0	0
1546		45		46"/60"										
					EoB									
		47												
		49												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: (See page 1) Refusal at 41' BGS between 40' to 45' Sample and attempting 45' to 50' Sample

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP Bethpage
PROJECT NUMBER: CTO-121
DRILLING COMPANY: Zebra
DRILLING RIG: Geoprobe
BORING No.: BPS1-SG1006
DATE: 1-25-08
GEOLOGIST: Vince Shickora
DRILLER: Luke Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
0900	S-1	1					DK Brn	Sandy Silt with some gravel (fill)		moist	0	0	0	0
		3					Org Brn	FGR to CGR Sand and Fine to course gravel Trace Silt.		moist	0	0	0	0
0908		5		50"/60"			Org Brn	Same as above		moist	0	0	0	0
	S-2													
		7					Org Brn	Same as above		moist	0	0	0	0
		9					Brn Gry	Sandy Silt with Fine To medium gravel Trace clay		moist	0	0	0	0
0912				51"/60"										
	S-3	11												
							Org Brn	FGR to CGR Sand and Fine to course gravel Trace Silt		moist	0	0	0	0
		13												
0917		15		49"/60"			Org Brn	Same as above		moist	0	0	0	0
	S-4													
		17												
							Org Brn	Same as above		moist	0	0	0	0
		19												
0937				51"/60"										
	S-5	21					Org Brn	Same as above		moist	0	0	0	0
		23												
0955		25		48"/60"			Org Brn	Same as above		moist	0	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Geoprobe DPT - 2" x 5' macro-core discreet Interval sampler with Acetate sleeves

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NWIRP [redacted] Bethpage
PROJECT NUMBER: 112G00903
DRILLING COMPANY: [redacted] Zebra
DRILLING RIG: Geoprobe
BORING No.: BPS1-SG1006
DATE: 1-25-08
GEOLOGIST: Vince Shickora
DRILLER: Luke Reiss

Time	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S-6	26					org Brn	FGR to CGR Sand and fine to coarse gravel trace silt		moist	0	0	0	0
		27												
		28												
		29					org Brn	Same as above		moist	0	0	0	0
1009		30		49"/60"										
	S-7	31												
		32												
		33					org Brn	Same as above		moist	0	0	0	0
		34												
1029		35		48"/60"			org Brn	FGR to CGR Sand and fine gravel - Trace silt		moist	0	0	0	0
	S-8	36						and medium gravel						
		37												
		38												
		39					org Brn	Same as above		moist	0	0	0	0
1049		40		46"/60"										
		41												
		42					org Brn	Same as above		moist	0	0	0	0
		43						(less CGR Sand)						
		44												
1122		45		45"/60"			org Brn	Same as above		moist	0	0	0	0
		46			EOB									
		47												
		48												
		49												
		50												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: (see page 1) Refusal at 41' BGS between 40' to 45' Sample and attempting 45' to 50' Sample

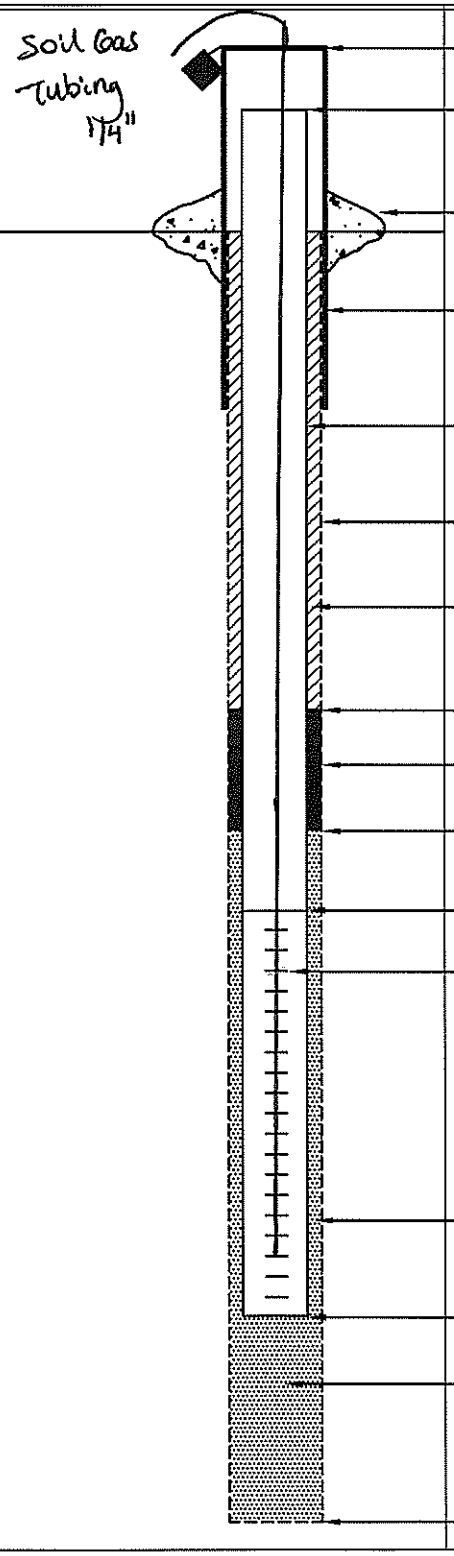
Converted to Well: Yes _____ No _____ Well I.D. #: _____

WELL NO.: SVPM-11

OVERBURDEN
MONITORING WELL SHEET
STICK-UP

Tetra Tech NUS, Inc. Retrofitting for Permanent Soil Gas Monitoring Point

PROJECT NWIRP Bethpage	LOCATION Site 7	DRILLER Luke Kelss
PROJECT NO. CTO-0022	BORING	DRILLING METHOD Geoprobe
DATE BEGUN 1-22-08	DATE COMPLETED 1-22-08	
FIELD GEOLOGIST		DEVELOPMENT METHOD
GROUND ELEVATION	DATUM	



ELEVATION/HEIGHT OF TOP OF SURFACE CASING: / NA

ELEVATION/HEIGHT OF TOP OF RISER PIPE: / NA

TYPE OF SURFACE SEAL: NA

I.D. OF SURFACE CASING:
TYPE OF SURFACE CASING:

RISER PIPE I.D.:
TYPE OF RISER PIPE:

BOREHOLE DIAMETER:

TYPE OF BACKFILL:

ELEVATION/DEPTH TOP OF SEAL: / 35'

TYPE OF SEAL: Bentonite

DEPTH TOP OF SAND PACK: 38'

ELEVATION/DEPTH TOP OF SCREEN: / 45'

TYPE OF SCREEN: Stainless Steel

SLOT SIZE x LENGTH: NA

I.D. OF SCREEN: NA

TYPE OF SAND PACK: NA

ELEVATION/DEPTH BOTTOM OF SCREEN: / 49'

ELEVATION/DEPTH BOTTOM OF SAND PACK: / 50'
BACKFILL MATERIAL BELOW SAND: NA

ELEVATION/DEPTH OF HOLE: / 50'

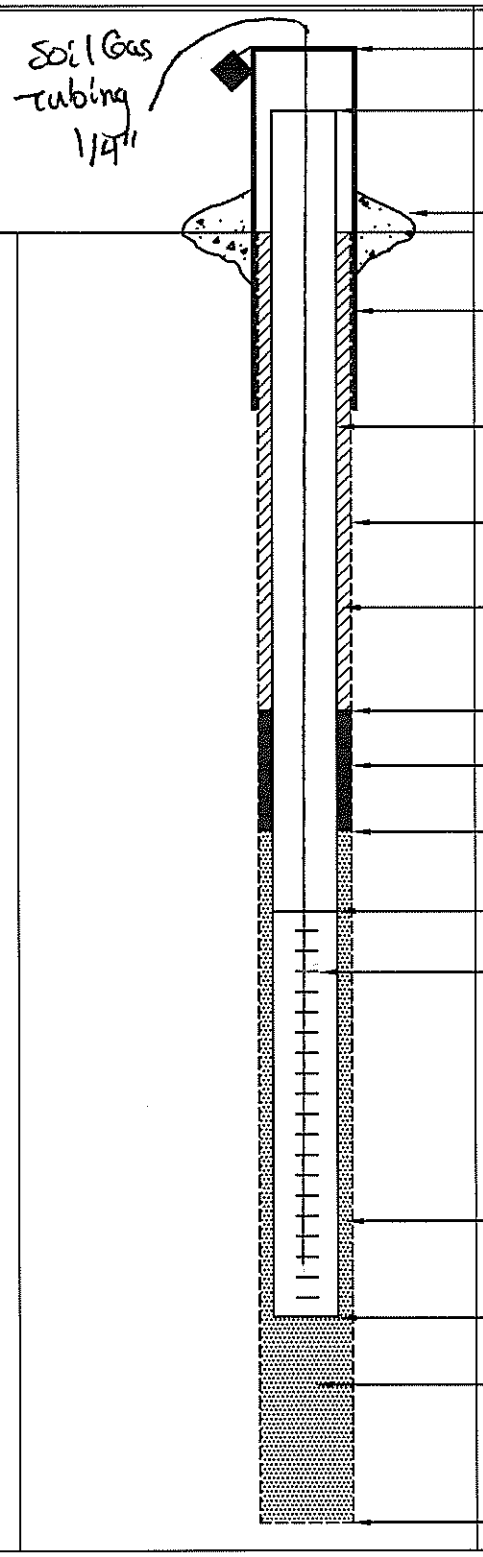
ACAD:FORM_MWSU.dwg 07/20/99 INL

WELL NO.: SVPM-11S

OVERBURDEN
MONITORING WELL SHEET
STICK-UP

Tetra Tech NUS, Inc. Retrofitting for Permanent Soil Gas Monitoring Point

PROJECT NWIRP Bethpage	LOCATION Site 1	DRILLER Luke Reiss	
PROJECT NO. CTO-002	BORING	DRILLING METHOD Geoprobe	
DATE BEGUN 1-22-08	DATE COMPLETED 1-22-08		
FIELD GEOLOGIST		DEVELOPMENT METHOD	
GROUND ELEVATION	DATUM		



ELEVATION/HEIGHT OF TOP OF SURFACE CASING: / NA

ELEVATION/HEIGHT OF TOP OF RISER PIPE: / NA

TYPE OF SURFACE SEAL: NA

I.D. OF SURFACE CASING:
TYPE OF SURFACE CASING:

RISER PIPE I.D.:
TYPE OF RISER PIPE:

BOREHOLE DIAMETER:

TYPE OF BACKFILL:

ELEVATION/DEPTH TOP OF SEAL: / 10'

TYPE OF SEAL: Bentonite

DEPTH TOP OF SAND PACK: ~~/~~ 13'

ELEVATION/DEPTH TOP OF SCREEN: / 20'

TYPE OF SCREEN: Stainless Steel

SLOT SIZE x LENGTH: NA

I.D. OF SCREEN: NA

TYPE OF SAND PACK: NA

ELEVATION/DEPTH BOTTOM OF SCREEN: / 24'

ELEVATION/DEPTH BOTTOM OF SAND PACK: / 25'
BACKFILL MATERIAL BELOW SAND: NA

ELEVATION/DEPTH OF HOLE: / 25'

ACAD:FORM_MWSU.dwg 07/28/99 INL

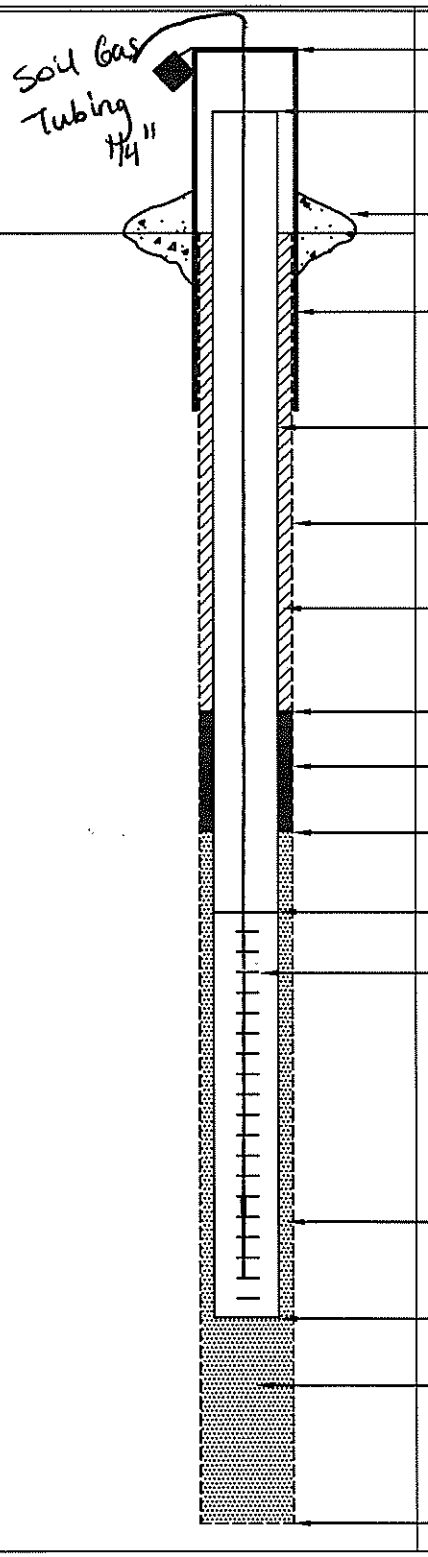
WELL NO.: SVPM-12

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
STICK-UP

Retrofitting for Permanent Soil Gas Monitoring Point

PROJECT NWIRP Bethpage	LOCATION Site 1	DRILLER Luke Reiss	
PROJECT NO. C70-002	BORING	DRILLING METHOD Geoprobe	
DATE BEGUN 1-22-08	DATE COMPLETED 1-22-08		
FIELD GEOLOGIST		DEVELOPMENT METHOD	
GROUND ELEVATION	DATUM		



ELEVATION/HEIGHT OF TOP OF SURFACE CASING: / NA

ELEVATION/HEIGHT OF TOP OF RISER PIPE: / NA

TYPE OF SURFACE SEAL: NA

I.D. OF SURFACE CASING:

TYPE OF SURFACE CASING:

RISER PIPE I.D.:

TYPE OF RISER PIPE:

BOREHOLE DIAMETER:

TYPE OF BACKFILL:

ELEVATION/DEPTH TOP OF SEAL: / 37'

TYPE OF SEAL: Bentonite

DEPTH TOP OF SAND PACK: 40'

ELEVATION/DEPTH TOP OF SCREEN: / 46'

TYPE OF SCREEN: Stainless steel

SLOT SIZE x LENGTH: NA

I.D. OF SCREEN: NA

TYPE OF SAND PACK: NA

ELEVATION/DEPTH BOTTOM OF SCREEN: / 50'

ELEVATION/DEPTH BOTTOM OF SAND PACK: / 52.1'

BACKFILL MATERIAL BELOW SAND: NA

ELEVATION/DEPTH OF HOLE: / 52.1'

ACAD:FORM_MWSU.dwg 07/20/99 INL

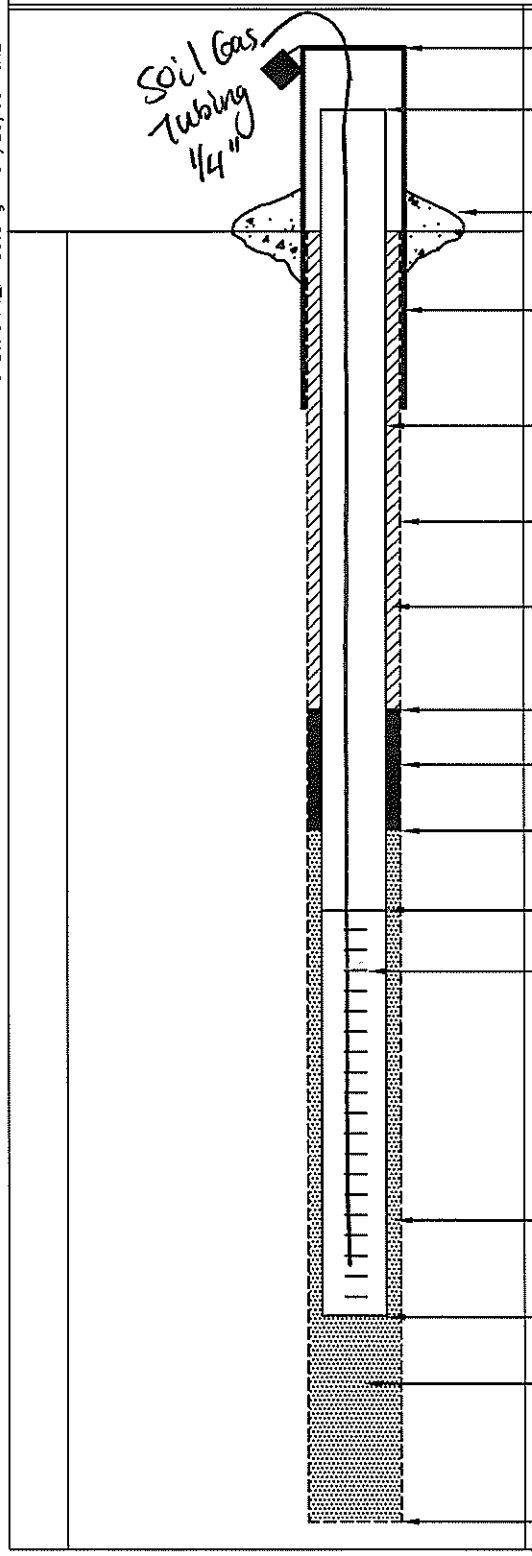
WELL NO.: SVPM-12S

OVERBURDEN
MONITORING WELL SHEET
STICK-UP

Tetra Tech NUS, Inc. Retrofitting for Permanent Soil Gas Monitoring Point

PROJECT NWIRP Bethpage	LOCATION Site 1	DRILLER Luke Reiss	
PROJECT NO. CTO-WE02	BORING	DRILLING METHOD Geoprobe	
DATE BEGUN 1-22-08	DATE COMPLETED 1-22-08		
FIELD GEOLOGIST		DEVELOPMENT METHOD	
GROUND ELEVATION	DATUM		

ACAD:FORM_MWSU.dwg 07/20/99 INL



ELEVATION/HEIGHT OF TOP OF SURFACE CASING: /NA

ELEVATION/HEIGHT OF TOP OF RISER PIPE: / NA

TYPE OF SURFACE SEAL: NA

I.D. OF SURFACE CASING:

TYPE OF SURFACE CASING:

RISER PIPE I.D.:

TYPE OF RISER PIPE:

BOREHOLE DIAMETER:

TYPE OF BACKFILL:

ELEVATION/DEPTH TOP OF SEAL: / 12'

TYPE OF SEAL: Bentonite

DEPTH TOP OF SAND PACK: 15'

ELEVATION/DEPTH TOP OF SCREEN: / 21'

TYPE OF SCREEN: Stainless steel

SLOT SIZE x LENGTH: NA

I.D. OF SCREEN: NA

TYPE OF SAND PACK: NA

ELEVATION/DEPTH BOTTOM OF SCREEN: / 25'

ELEVATION/DEPTH BOTTOM OF SAND PACK: / 27.1'

BACKFILL MATERIAL BELOW SAND: NA

ELEVATION/DEPTH OF HOLE: / 27.1'

APPENDIX C

SOIL GAS SAMPLING LOG SHEETS

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1001-07

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/24/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1540	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	30s			

Summa Canister #	33939
Filter Type	2 uM

Start Time Vacuum	1552	in Hg -30
End Time Vacuum	1640	in Hg -4

He check	**Start**	**Stop**	**Reading**
	1543	1547	350 PPM
Purge Data	**Start**	**Stop**	
	1540	1552	

Readings:

Liters/minute

.1989 @ 1543

.2076 @ 1547

.2001 @ 1532

Notes:

Soil Gas PID: 3.2 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name:	NWIRP Bethpage Site 1	**Sample ID No.:**	BPS1-SG1001-20
Project No.:	112GN9845	**Sample Location:**	Site 1
C.O.C. No.:		**Sampled By:**	TR

SAMPLING DATA:

Date:	1/24/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1556	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	30s			

Summa Canister #	4184
Filter Type	2 uM

Start Time Vacuum	1612	in Hg -30
End Time Vacuum	1700	in Hg -4

He check	**Start**	**Stop**	**Reading**
	1557	1600	50 PPM
Purge Data	**Start**	**Stop**	
	1556	1611	

Readings:
Liters/minute
.1942 @ 1600
.1712 @ 1603
.1546 @ 1606
.1853 @ 1610

Notes:

PID battery dead

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1001-40

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/25/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	0944	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	40s			

Summa Canister #	4069
Filter Type	2 uM

Start Time Vacuum	0958	in Hg -29
End Time Vacuum	1040	in Hg -4

He check	**Start**	**Stop**	**Reading**
	0948	0952	0.0
Purge Data	**Start**	**Stop**	
	0944	0957	

Readings:
Liters/minute
.1634 @ 0949
.1799 @ 0953
.1698 @ 0956

Notes:

PID battery dead

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1002-08 & FD-012308

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/23/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1459	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	30s			

Summa Canister #	33681
Filter Type	2 uM

Start Time Vacuum	1512	in Hg -30
End Time Vacuum	1558	in Hg -4

He check	**Start**	**Stop**	**Reading**
	1501	1505	0.0 ppm
Purge Data	**Start**	**Stop**	
	1459	1511	

Readings:
Liters/minute
.1916 @ 1501
.1816 @ 1506
.1972 @ 1509

Notes:

Soil Gas PID: 0.6 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1002-20

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/24/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	0933	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	30s			

Summa Canister #	35154
Filter Type	2 uM

Start Time Vacuum	0945	in Hg >-30
End Time Vacuum	1357	in Hg -5

He check	**Start**	**Stop**	**Reading**
	0937	0940	0.0 ppm
Purge Data	**Start**	**Stop**	
	0933	0945	

Readings:
Liters/minute
.1671 @ 0934
.2160 @ 0943
.1882 @ 0945

Notes:

Soil Gas PID: 2 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1002-45

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/24/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	0951	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	30s			

Summa Canister #	4355
Filter Type	2 uM

Start Time Vacuum	1004	in Hg -30
End Time Vacuum	1050	in Hg -4

He check	**Start**	**Stop**	**Reading**
	0954	958	550 PPM
Purge Data	**Start**	**Stop**	
	0951	1003	

Readings:
Liters/minute
.1857 @ 0953
.1952 @ 0959
.1926 @ 1003
Notes:

Soil Gas PID: 0.5 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1003-05.5

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:							
Date:	1/22/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1450	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	20's			

Summa Canister #	4384
Filter Type	2 uM

Start Time Vacuum	1506	in Hg -29
End Time Vacuum	1552	in Hg -4

He check	**Start**	**Stop**	**Reading**
	1443	1448	0.0 ppm
Purge Data	**Start**	**Stop**	
	1450	1505	

Readings:
Liters/minute
.1635 @ 1455
.2177 @ 1500
.2045 @ 1502

Notes:

Soil Gas PID: 0.2 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1003-20

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/22/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1521	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	20's			

Summa Canister #	33965
Filter Type	2 uM

Start Time Vacuum	1534	Hg >-30
End Time Vacuum	1622	Hg -4

He check	**Start**	**Stop**	**Reading**
	1522	1527	400 ppm
Purge Data	**Start**	**Stop**	
	1521	1533	

Readings:
Liters/minute
.1935 @ 1527
.2052 @ 1529
.2017 @ 1532
Notes:

Soil Gas PID: 0.0 PPM

Tetra Tech NUS, Inc.

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1003-45
Project No.: 112GN9845 **Sample Location:** Site 1
C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/23/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1009	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	30s			

Summa Canister #	34350
Filter Type	2 uM

Start Time Vacuum	1020	in Hg -29.5
End Time Vacuum	1108	in Hg -4

He check	**Start**	**Stop**	**Reading**
	1013	1016	0.0 ppm
Purge Data	**Start**	**Stop**	
	1009	1020	

Readings:
Liters/minute
.1829 @ 1010
.2535 @ 1016
.1907 @ 1019
Notes:

Soil Gas PID: 1.8 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1004-05.5
Project No.: 112GN9845 **Sample Location:** Site 1
C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

		Wind speed	Wind Direction	Ambient temperature	Barometric Pressure	Relative Humidity	Other
Date:	1/22/2008						
Time:	0923	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	20's			

Summa Canister #	33940
Filter Type	2 uM

Start Time/Vacuum	0938	in Hg -30
End Time/Vacuum	1021	in Hg -4

He check	**Start**	**Stop**	**Reading**
	0924	0929	<10%
Purge Data	**Start**	**Stop**	
	0923	0938	

Readings:
Liters/minute
.1325 @ 0925
.1455 @ 0933
.1614 @ 0937

Soil Gas PID: 0.2 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1004-22
Project No.: 112GN9845 **Sample Location:** Site 1
C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:							
Date:	1/22/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1038	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	20's			

Summa Canister #	95680
Filter Type	2 uM

Start Time Vacuum	1054	in Hg >-30
End Time Vacuum	1140	in Hg -5

He check	**Start**	**Stop**	**Reading**
	1038	1042	0.0 ppm
Purge Data	**Start**	**Stop**	
	1038	1053	

Readings:
Liters/minute
.1747 @ 1041
.1749 @ 1044

Notes:

Soil Gas PID: 0.2 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1004-46

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/25/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	0814	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	40s			

Summa Canister #	937
Filter Type	2 uM

Start Time Vacuum	0826	in Hg -30
End Time Vacuum	0930	in Hg -4

He check	**Start**	**Stop**	**Reading**
	0820	0824	0.0
Purge Data	**Start**	**Stop**	
	0814	826	

Readings:
Liters/minute
.1426 @ 0814
.1606 @ 0820
.1677 @ 0826

Notes:

PID battery dead

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1005-08

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/28/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1309	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	40s			

Summa Canister #	1
Filter Type	2 uM

Start Time Vacuum	1321	in Hg -30
End Time Vacuum	1410	in Hg -3.5

He check	**Start**	**Stop**	**Reading**
	1312	1315	850 ppm
Purge Data	**Start**	**Stop**	
	1309	1321	

Readings:
Liters/minute
.1556 @ 1310
.1717 @ 1314
.1905 @ 1316
.2005 @ 1320

Notes:

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1005-20

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/28/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1158	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	40s			

Summa Canister #	3710
Filter Type	2 uM

Start Time Vacuum	1211	in Hg -29.5
End Time Vacuum	1304	in Hg -3.5

He check	**Start**	**Stop**	**Reading**
	1200	1213	125 ppm
Purge Data	**Start**	**Stop**	
	1158	1211	

Readings:

Liters/minute

.1506 @ 1158
.1469 @ 1202
.1448 @ 1205
.1561 @ 1208
.1563 @ 1211

Notes:

PID battery dead

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1005-45

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/28/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1139	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	40s			

Summa Canister #	14008
Filter Type	2 uM

Start Time Vacuum	1151	in Hg -28.5
End Time Vacuum	1233	in Hg -3.5

He check	**Start**	**Stop**	**Reading**
	1142	1145	75 ppm
Purge Data	**Start**	**Stop**	
	1139	1151	

Readings:

Liters/minute

.1584 @ 1139

.2073 @ 1145

.1633 @ 1148

.1584 @ 1150

Notes:

PID battery dead

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1006-07

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/29/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	0848	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	30s			

Summa Canister #	22504
Filter Type	2 uM

Start Time Vacuum	0900	in Hg -30
End Time Vacuum	0948	in Hg -4

He check	**Start**	**Stop**	**Reading**
	0851	0854	0.0
Purge Data	**Start**	**Stop**	
	0848	0900	

Readings:

Liters/minute

.1508 @ 0850

.1656 @ 0853

.1982 @ 0858

.2007 @ 0900

Notes:

PID battery dead

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1006-20

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/28/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1550	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	40s			

Summa Canister #	31139
Filter Type	2 uM

Start Time Vacuum	1603	in Hg -30
End Time Vacuum	1704	in Hg -3.5

He check	**Start**	**Stop**	**Reading**
	1553	1555	0.0
Purge Data	**Start**	**Stop**	
	1550	1603	

Readings:
Liters/minute
.1642 @ 1551
.1360 @ 1556
.1639 @ 1558
.1599 @ 1602

Notes:

PID battery dead

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-SG1006-45

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/28/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1534	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	40s			

Summa Canister #	33944
Filter Type	2 uM

Start Time Vacuum	1549	in Hg -30
End Time Vacuum	1640	in Hg -4

He check	**Start**	**Stop**	**Reading**
	1538	1541	125 ppm
Purge Data	**Start**	**Stop**	
	1534	1549	

Readings:
Liters/minute
.2184 @ 1537
.1168 @ 1540
.1385 @ 1544
.1513 @ 1548

Notes:

PID battery dead

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** SVPM11S-24
Project No.: 112GN9845 **Sample Location:** Site 1
C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/23/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1332	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	30s			

Summa Canister #	34427
Filter Type	2 uM

Start Time Vacuum	1345	in Hg -30
End Time Vacuum	1432	in Hg -4

He check	**Start**	**Stop**	**Reading**
	1334	1339	1125
Purge Data	**Start**	**Stop**	
	1332	1344	

Readings:
Liters/minute
.1505 @ 1333
.1936 @ 1339
.1788 @ 1342
Notes:

Soil Gas PID: 3.0 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** SVPM11-49
Project No.: 112GN9845 **Sample Location:** Site 1
C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/23/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1411	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	30s			

Summa Canister #	34455
Filter Type	2 uM

Start Time Vacuum	1426	in Hg -30
End Time Vacuum	1578	in Hg -3.5

He check	**Start**	**Stop**	**Reading**
	1413	1418	525
Purge Data	**Start**	**Stop**	
	1411	1426	

Readings:
Liters/minute
1682 @ 1413
.1353 @ 1419
.1215 @ 1423

Notes:

Soil Gas PID: 0.9 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** SVPM12S-25
Project No.: 112GN9845 **Sample Location:** Site 1
C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/23/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	0815	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	30s			

Summa Canister #	94611
Filter Type	2 uM

Start Time Vacuum	0829	in Hg -28.5
End Time Vacuum	0917	in Hg -4

He check	**Start**	**Stop**	**Reading**
	0821	0826	150 ppm
Purge Data	**Start**	**Stop**	
	0815	0827	

Readings:
Liters/minute
.2120 @ 0819
.1879 @ 0825
.1903 @ 0827
Notes:

Soil Gas PID: 9.0 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** SVPM12-50
Project No.: 112GN9845 **Sample Location:** Site 1
C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

		Wind speed	Wind Direction	Ambient temperature	Barometric Pressure	Relative Humidity	Other
Date:	1/23/2008						
Time:	0830	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	30s			

Summa Canister #	9408
Filter Type	2 uM

Start Time Vacuum	0843	in Hg -28.5
End Time Vacuum	0930	in Hg -3.5

He check	**Start**	**Stop**	**Reading**
	0831	0835	25 ppm
Purge Data	**Start**	**Stop**	
	0830	0842	

Readings:
Liters/minute
.2219 @ 0833
.1633 @ 0836
.1713 @ 0838

Notes:

Soil Gas PID: 2.8 PPM

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-FB1001-00

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/22/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	0900	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	SW	20's			

Summa Canister #	33882
Filter Type	2 uM

Start Time Vacuum	0900	in Hg -30
End Time Vacuum	1628	in Hg -8

He check	**Start**	**Stop**	**Reading**
N/A			n/a
Purge Data	**Start**	**Stop**	
N/A			

Readings:

Notes:

Canister check	
Time	in Hg
1000	-24
1113	-16
1503	-11

Field blank placed 20-50 feet upwind of west of sample BPS1-SG1004-05.5, BPS1-SG1004-22, BPS1-SG1003-05.5, BPS1-SG1003-20

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-FB1002-00

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/23/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	**PID**	Other
Time:	0749	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	(ppm)	
Method:	Soil Gas	5-10 mph	SW	30s				

Summa Canister #	34752
Filter Type	2 uM

Start Time Vacuum	0749	in Hg -30
End Time Vacuum	1600	in Hg -5.5

He check	**Start**	**Stop**	**Reading**
	1522	1527	400 ppm
Purge Data	**Start**	**Stop**	
	1450	1505	

Readings:

Notes:

Canister Check

Time	in Hg
0850	-26
1030	-19.5
1340	-10
1440	-8.5
1600	-5.5

Field blank placed 20-50 feet upwind of west of sample SVPM12S-25, SVPM12S-50, BPS1-SG1003-45, SVPM-11S-24, SVPM11-49, BPS1-SG1002-08

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-FB1003-00
Project No.: 112GN9845 **Sample Location:** Site 1
C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/24/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	**PID**	Other
Time:	0924	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	(ppm)	
Method:	Soil Gas	5-10 mph	W	30s				

Summa Canister #	34370
Filter Type	2 uM

Start Time Vacuum	0924	in Hg >-30
End Time Vacuum	1700	in Hg -6.5

He check	**Start**	**Stop**	**Reading**
N/A			
Purge Data	**Start**	**Stop**	
N/A			

Readings:

Notes:

canister checks	time	in Hg	
	1026	-27	Field blank placed 20-50 feet upwind of west of sample BPS1-SG1002-20, BPS1-SG1002-45, BPS1-SG1001-07, BPS1-SG1001-20
	1300	-17	
	1400	-13.5	
	1500	-10.5	
	1614	-8	
	1700	-6.5	

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name:	NWIRP Bethpage Site 1	**Sample ID No.:**	BPS1-FB1004-00
Project No.:	112GN9845	**Sample Location:**	Site 1
C.O.C. No.:		**Sampled By:**	TR

SAMPLING DATA:

Date:	1/25/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	0804	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	40s			

Summa Canister #	33968
Filter Type	2 uM

Start Time Vacuum	0804	in Hg -30
End Time Vacuum	1046	in Hg -20

He check	**Start**	**Stop**	**Reading**
N/A			
Purge Data	**Start**	**Stop**	
N/A			

Readings:

Notes:

canister check

time	in Hg
0938	25.5

Field blank placed 20-50 feet upwind of west of sample BPS1-SG1004-46, BPS1-SG1001-40,

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-FB1005-00

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/28/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	1113	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	40s			

Summa Canister #	34419
Filter Type	2 uM

Start Time Vacuum	1113	in Hg -30
End Time Vacuum	1411	in Hg -2

He check	**Start**	**Stop**	**Reading**
N/A			
Purge Data	**Start**	**Stop**	
N/A			

Readings:

Notes:

canister checks	time	in Hg	
	1205	-17	Field blank placed 20-50 feet upwind of west of sample BPS1-SG1005-45, BPS1-SG1005-20, BPS1-SG1005-08, BPS1-SG1006-45, **BPS1-SG1006-20**
	1253	-9	
	1335	-4.5	
	1351	-3	
	1411	-2	

Tetra Tech NUS, Inc. **SOIL GAS SAMPLE LOG SHEET**

Project Site Name: NWIRP Bethpage Site 1 **Sample ID No.:** BPS1-FB1006-00

Project No.: 112GN9845 **Sample Location:** Site 1

C.O.C. No.: **Sampled By:** TR

SAMPLING DATA:

Date:	1/29/2008	**Wind speed**	**Wind Direction**	**Ambient temperature**	**Barometric Pressure**	**Relative Humidity**	Other
Time:	0830	(Visual)	(S.U.)	(^{0}C)	(^{0}C)	(%)	
Method:	Soil Gas	5-10 mph	W	30s			

Summa Canister #	423
Filter Type	2 uM

Start Time Vacuum	0830	in Hg -30
End Time Vacuum	0955	in Hg -24

He check	**Start**	**Stop**	**Reading**
N/A			
Purge Data	**Start**	**Stop**	
N/A			

Readings:

Notes:

Field blank placed 20-50 feet upwind of west of sample BPS1-SG1006-07

APPENDIX D

CHAIN OF CUSTODY RECORDS

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: DAVE BRAYACK (757) 461-3824
Collected by: (Print and Sign) TERRY ROJAHN
Company: TETRA TECH Email: terry.rojahn@tetratech.com
Address: 661 ANDERSEN DRIVE City: PITTSBURGH State: PA Zip: 15220
Phone: (412) 921-7090 Fax: (412) 921-4040

Project Info:
P.O. #
Project # 112GN9845
Project Name: NWIRP BETHPAGE

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01AB	BPSI-FB1001-00	33882	1-22	0900	TO15	-30	-8		
02AB	BPSI-SG1004-05.5	33940	1-22	0938	TO15	-30	-4		
03AB	BPSI-SG1004-22	95680	1-22	1054	TO15	>-30	-5		
04AB	BPSI-SG1003-05.5	4384	1-22	1506	TO15	-29	-4		
05AB	BPSI-SG1003-20	33965	1-22	1534	TO15	>-30	-4		
06AB	SVPM12S-25	94611	1-23	0829	TO15	28.5	-4		
07AB	SVPM12-50	9408	1-23	0843	TO15	28.5	-3.5		
08AB	BPSI-FB1002-00	34752	1-23	0749	TO15	-30	-5.5		
09AB	BPSI-SG1003-45	34350	1-23	1019	TO15	-29.5	-4		
10AB	SVPM11S-24	34427	1-23	1345	TO15	>-30	-4		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Terry Rojahn	1/23/08 1800	FED. EXPRESS	1-23-08 1800
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		AIR	01/24/08 10:20
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
AB # 8626 9924 2644
SHIPPED W/TETRA TECH
COC # 112GN9845-01

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex	8626 9924 2644	NA	Good	(Yes) No None	0801438

Form 1288 rev.11

D-1

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 112GN9845-01 PAGE 1 OF 1

08 01438

PROJECT NO: 112GN9845 (CTO 002)	SITE NAME: NWIRP BETHPAGE	PROJECT MANAGER AND PHONE NUMBER: DAVID BRAYACK (757) 461-3824
SAMPLERS (SIGNATURE): Terry Nash		FIELD OPERATIONS LEADER AND PHONE NUMBER: T. ROJAHN (412) 921-7090
		CARRIER/WAYBILL NUMBER: FED. EX AB# 8626 9924 2644
LABORATORY NAME AND CONTACT: AIR TOXICS LTD		
ADDRESS: 180 BLUE RAVINE ROAD SUITE B		
CITY, STATE: FOLSOM, CA 95630-4719		

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE 2008 / YEAR	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE METAL (M) PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS TO IS SUMMA CANISTER	INITIAL CANISTER VACUUM	FINAL CANISTER VACUUM	CANISTER ID	COMMENTS
1/23	1426	SVPM11-49	GAS	G	1	M		1	>-30	-3.5	34455	
1/23	1512	BPS1-SG1002-08	GAS	G	1	M		1	>-30	-4	25256	
1/23	0000	FD-012308	GAS	G	1	M		1	>-30	-4	33681	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: Terry Nash	1-23-08	1800	1. RECEIVED BY: FEDERAL EXPRESS	1-23-08	1800
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	01/24/08	10:10
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

3/99
FORM NO. TINJS-001

D-2

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager DAVE BRAYACK (757)461-3824
Collected by: (Print and Sign) TERRY ROJAHN
Company TETRA TECH NUS Email terry.rojahn@tetratech.com
Address 661 ANDERSEN Dr. City Pittsburgh State PA Zip 15220
Phone (412)921-7090 Fax (412)921-4040

Project Info:
P.O. #
Project # 112GN9945
Project Name NWIRP BETHPAGE

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psig)
04A 04AB	BPSI-FB1003-00	34370	1/24	0924	TO15	>-30	-6.5		
02A 02AB	BPSI-SG1002-20	35154	1/24	0945	TO15	>-30	-5		
03A 03AB	BPSI-SG1002-45	4355	1/24	1004	TO15	-30	-4		
04A 04AB	BPSI-SG1001-07	35939	1/24	1552	TO15	-30	-4		
05A 05AB	BPSI-SG1001-20	4184	1/24	1612	TO15	>-30	-4		
06A 06AB	BPSI-SG1004-46	937	1/25	0826	TO15	>-30	-4		
07A 07AB	BPSI-SG1001-40	4069	1/25	0958	TO15	-29	-4		
08A 08AB	BPSI-FB1004-00	33968	1/25	0804	TO15	>-30	-20		
mw 2/7/07									

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Terry Rojahn	1-25-08/1300	FEDERAL EXPRESS	1/25/08@1300
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		ATL 01/28/08	900
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
FED EX. AB## 8626 9924 2600

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		na	Good	(Yes) No None	0801181

Form 1255 rev 11

D-3

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager DAVE BRAYACK (757) 461-3824
Collected by: (Print and Sign) TERRY ROJAHN
Company TETRA TECH NUS E-mail terry.rojahn@tetratech.com
Address 661 ANDERSEN DR. City Pittsburgh State PA Zip 15220
Phone (412) 921-7090 Fax (412) 921-4040

Project Info:
P.O. # _____
Project # 112GN9845
Project Name NWIRP BETHPAGE

Turn Around Time:
☒ Normal
☐ Rush
_____ specify

Lab Use Only
Pressurized by: _____
Date: _____
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psig)
01AB	BPSI-FB1005-00	34419	1-28-08	1113	TO15	>-30	-2		
02AB	BPSI-SG1005-45	14008	1-28-08	1151	TO15	-28.5	-3.5		
03AB	BPSI-SG1005-20	3710	1-28-08	1211	TO15	-29.5	-3.5		
04AB	BPSI-SG1005-08	1	1-28-08	1321	TO15	>-30	-3.5		
05AB	BPSI-SG1006-45	33944	1-28-08	1549	TO15	>-30	-4		
06AB	BPSI-SG1006-20	31139	1-28-08	1603	TO15	>-30	-3.5		
07AB	BPSI-FB1006-00	423	1-29-08	0830	TO15	-30	-24		
08AB	BPSI-SG1006-07	22504	1-29-08	0900	TO15	>-30	-4		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Terry Rojahn	1/29/08 @1600	FEDERAL EXPRESS	1/29/08 @1600
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		ATL	01/30/08 10:30
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
FED EX AB#
8626 9924 2611

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		na	Good	Yes / No / None	0801530

Form 1299 rev.11

APPENDIX E

DATA ANALYTICAL REPORT

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801481B

Work Order Summary

CLIENT:	Mr. David Brayack Tetra Tech Twin Oaks I, Suite 309 5700 Lake Wright Drive Norfolk, VA 23502	**BILL TO:**	Accounts Payable/Pittsburg Tetra Tech EC, Inc. Foster Plaza 7 661 Anderson Drive Pittsburgh, PA 15220-2745
PHONE:	(757) 461-3824	**P.O. #**	
FAX:	(757) 461-4148	**PROJECT #**	112GN9845 NWIRP BETHPAGE
DATE RECEIVED:	01/28/2008	**CONTACT:**	Bryanna Langley
DATE COMPLETED:	02/08/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
04A	BPSI-SG1001-07	Modified TO-15	0.0 "Hg	5 psi
05A	BPSI-SG1001-20	Modified TO-15	0.0 "Hg	5 psi
07A	BPSI-SG1001-40	Modified TO-15	1.5 "Hg	5 psi
08A	Lab Blank	Modified TO-15	NA	NA
09A	CCV	Modified TO-15	NA	NA
10A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda D. Frumarx DATE: 02/08/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
Tetra Tech
Workorder# 0801481B

Three 6 Liter Summa Canister (100% Certified) samples were received on January 28, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

Sample BPSI-SG1001-07, BPSI-SG1001-20 and BPSI-SG1001-40 were transferred from SIM/Low Level analysis to full scan TO-15 due to high levels of target compounds.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
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WORK ORDER #: 0801481

Work Order Summary

CLIENT: Mr. David Brayack
Tetra Tech
Twin Oaks I, Suite 309
5700 Lake Wright Drive
Norfolk, VA 23502

PHONE: (757) 461-3824
FAX: (757) 461-4148

DATE RECEIVED: 01/28/2008
DATE COMPLETED: 02/08/2008

BILL TO: Accounts Payable/Pittsburg
Tetra Tech EC, Inc.
Foster Plaza 7
661 Anderson Drive
Pittsburgh, PA 15220-2745

P.O. #
PROJECT # 112GN9845 NWIRP BETHPAGE
CONTACT: Bryanna Langley

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	BPSI-FB1003-00	Modified TO-15	4.5 "Hg	5 psi
01B	BPSI-FB1003-00	Modified TO-15	4.5 "Hg	5 psi
02A	BPSI-SG1002-20	Modified TO-15	2.5 "Hg	5 psi
02B	BPSI-SG1002-20	Modified TO-15	2.5 "Hg	5 psi
03A	BPSI-SG1002-45	Modified TO-15	1.5 "Hg	5 psi
03B	BPSI-SG1002-45	Modified TO-15	1.5 "Hg	5 psi
06A	BPSI-SG1004-46	Modified TO-15	0.4psi	5 psi
06B	BPSI-SG1004-46	Modified TO-15	0.4psi	5 psi
08A	BPSI-FB1004-00	Modified TO-15	16.5 "Hg	5 psi
08B	BPSI-FB1004-00	Modified TO-15	16.5 "Hg	5 psi
09A	Lab Blank	Modified TO-15	NA	NA
09B	Lab Blank	Modified TO-15	NA	NA
09C	Lab Blank	Modified TO-15	NA	NA
09D	Lab Blank	Modified TO-15	NA	NA
10A	CCV	Modified TO-15	NA	NA
10B	CCV	Modified TO-15	NA	NA
10C	CCV	Modified TO-15	NA	NA

Continued on next page

WORK ORDER #: 0801481

Work Order Summary

CLIENT:	Mr. David Brayack Tetra Tech Twin Oaks I, Suite 309 5700 Lake Wright Drive Norfolk, VA 23502	**BILL TO:**	Accounts Payable/Pittsburg Tetra Tech EC, Inc. Foster Plaza 7 661 Anderson Drive Pittsburgh, PA 15220-2745
PHONE:	(757) 461-3824	**P.O. #**	
FAX:	(757) 461-4148	**PROJECT #**	112GN9845 NWIRP BETHPAGE
DATE RECEIVED:	01/28/2008	**CONTACT:**	Bryanna Langley
DATE COMPLETED:	02/08/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
10D	CCV	Modified TO-15	NA	NA
11A	LCS	Modified TO-15	NA	NA
11B	LCS	Modified TO-15	NA	NA
11C	LCS	Modified TO-15	NA	NA
11D	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Frumar DATE: 02/08/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
Tetra Tech
Workorder# 0801481

Five 6 Liter Summa Canister (100% Certified) samples were received on January 28, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	For Full Scan: 30% RSD with 4 compounds allowed out to < 40% RSD For SIM: Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	For Full Scan: </= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers For SIM: Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (at the Reporting Limit) may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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- Work order Summary;
- Laboratory Narrative;
- Results; and
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WORK ORDER #: 0801438A

Work Order Summary

CLIENT: Mr. David Brayack
Tetra Tech
Twin Oaks I, Suite 309
5700 Lake Wright Drive
Norfolk, VA 23502

PHONE: (757) 461-3824
FAX: (757) 461-4148

DATE RECEIVED: 01/24/2008
DATE COMPLETED: 02/06/2008

BILL TO: Accounts Payable/Pittsburg
Tetra Tech EC, Inc.
Foster Plaza 7
661 Anderson Drive
Pittsburgh, PA 15220-2745

P.O. #
PROJECT # 112GN9845 NWIRP BETHPAGE
CONTACT: Bryanna Langley

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	BPSI-FB1001-00	Modified TO-15	4.5 "Hg	5 psi
01B	BPSI-FB1001-00	Modified TO-15	4.5 "Hg	5 psi
02A	BPSI-SG1004-05.5	Modified TO-15	1.5 "Hg	5 psi
02B	BPSI-SG1004-05.5	Modified TO-15	1.5 "Hg	5 psi
03A	BPSI-SG1004-22	Modified TO-15	0.5 "Hg	5 psi
03B	BPSI-SG1004-22	Modified TO-15	0.5 "Hg	5 psi
04A	BPSI-SG1003-05.5	Modified TO-15	0.5 "Hg	5 psi
04B	BPSI-SG1003-05.5	Modified TO-15	0.5 "Hg	5 psi
05A	BPSI-SG1003-20	Modified TO-15	0.5 "Hg	5 psi
05B	BPSI-SG1003-20	Modified TO-15	0.5 "Hg	5 psi
08A	BPSI-FB1002-00	Modified TO-15	3.0 "Hg	5 psi
08B	BPSI-FB1002-00	Modified TO-15	3.0 "Hg	5 psi
09A	BPSI-SG1003-45	Modified TO-15	1.5 "Hg	5 psi
09B	BPSI-SG1003-45	Modified TO-15	1.5 "Hg	5 psi
10A	Lab Blank	Modified TO-15	NA	NA
10B	Lab Blank	Modified TO-15	NA	NA
10C	Lab Blank	Modified TO-15	NA	NA

Continued on next page

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801438A

Work Order Summary

CLIENT:	Mr. David Brayack Tetra Tech Twin Oaks I, Suite 309 5700 Lake Wright Drive Norfolk, VA 23502	**BILL TO:**	Accounts Payable/Pittsburg Tetra Tech EC, Inc. Foster Plaza 7 661 Anderson Drive Pittsburgh, PA 15220-2745
PHONE:	(757) 461-3824	**P.O. #**	
FAX:	(757) 461-4148	**PROJECT #**	112GN9845 NWIRP BETHPAGE
DATE RECEIVED:	01/24/2008	**CONTACT:**	Bryanna Langley
DATE COMPLETED:	02/06/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
10D	Lab Blank	Modified TO-15	NA	NA
11A	CCV	Modified TO-15	NA	NA
11B	CCV	Modified TO-15	NA	NA
11C	CCV	Modified TO-15	NA	NA
11D	CCV	Modified TO-15	NA	NA
12A	LCS	Modified TO-15	NA	NA
12B	LCS	Modified TO-15	NA	NA
12C	LCS	Modified TO-15	NA	NA
12D	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Fruman DATE: 02/06/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
Tetra Tech
Workorder# 0801438A

LUMEN DATA VALIDATED

Seven 6 Liter Summa Canister (100% Certified) samples were received on January 24, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	For Full Scan: 30% RSD with 4 compounds allowed out to < 40% RSD For SIM: Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	For Full Scan: </= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers For SIM: Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (at the Reporting Limit) may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801530

Work Order Summary

CLIENT:	Mr. David Brayack Tetra Tech Twin Oaks I, Suite 309 5700 Lake Wright Drive Norfolk, VA 23502	**BILL TO:**	Accounts Payable/Pittsburg Tetra Tech EC, Inc. Foster Plaza 7 661 Anderson Drive Pittsburgh, PA 15220-2745
PHONE:	(757) 461-3824	**P.O. #**	
FAX:	(757) 461-4148	**PROJECT #**	112GN9845 NWIRP BETHPAGE
DATE RECEIVED:	01/30/2008	**CONTACT:**	Bryanna Langley
DATE COMPLETED:	02/12/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	BPSI-FB1005-00	Modified TO-15	2.0 "Hg	5 psi
01B	BPSI-FB1005-00	Modified TO-15	2.0 "Hg	5 psi
02A	BPSI-SG1005-45	Modified TO-15	2.5 "Hg	5 psi
02B	BPSI-SG1005-45	Modified TO-15	2.5 "Hg	5 psi
03A	BPSI-SG1005-20	Modified TO-15	2.0 "Hg	5 psi
03B	BPSI-SG1005-20	Modified TO-15	2.0 "Hg	5 psi
04A	BPSI-SG1005-08	Modified TO-15	1.0 "Hg	5 psi
04B	BPSI-SG1005-08	Modified TO-15	1.0 "Hg	5 psi
05A	BPSI-SG1006-45	Modified TO-15	1.0 "Hg	5 psi
05B	BPSI-SG1006-45	Modified TO-15	1.0 "Hg	5 psi
06A	BPSI-SG1006-20	Modified TO-15	0.0 "Hg	5 psi
06B	BPSI-SG1006-20	Modified TO-15	0.0 "Hg	5 psi
07A	BPSI-FB1006-00	Modified TO-15	23.5 "Hg	5 psi
07B	BPSI-FB1006-00	Modified TO-15	23.5 "Hg	5 psi
08A	BPSI-SG1006-07	Modified TO-15	1.0 "Hg	5 psi
08B	BPSI-SG1006-07	Modified TO-15	1.0 "Hg	5 psi
09A	Lab Blank	Modified TO-15	NA	NA

Continued on next page

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801530

Work Order Summary

CLIENT:	Mr. David Brayack Tetra Tech Twin Oaks I, Suite 309 5700 Lake Wright Drive Norfolk, VA 23502	**BILL TO:**	Accounts Payable/Pittsburg Tetra Tech EC, Inc. Foster Plaza 7 661 Anderson Drive Pittsburgh, PA 15220-2745
PHONE:	(757) 461-3824	**P.O. #**	
FAX:	(757) 461-4148	**PROJECT #**	112GN9845 NWIRP BETHPAGE
DATE RECEIVED:	01/30/2008	**CONTACT:**	Bryanna Langley
DATE COMPLETED:	02/12/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
09B	Lab Blank	Modified TO-15	NA	NA
09C	Lab Blank	Modified TO-15	NA	NA
09D	Lab Blank	Modified TO-15	NA	NA
10A	CCV	Modified TO-15	NA	NA
10B	CCV	Modified TO-15	NA	NA
10C	CCV	Modified TO-15	NA	NA
10D	CCV	Modified TO-15	NA	NA
11A	LCS	Modified TO-15	NA	NA
11B	LCS	Modified TO-15	NA	NA
11C	LCS	Modified TO-15	NA	NA
11D	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda D. Truman DATE: 02/12/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
Tetra Tech
Workorder# 0801530

Eight 6 Liter Summa Canister (100% Certified) samples were received on January 30, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	For Full Scan: 30% RSD with 4 compounds allowed out to < 40% RSD For SIM: Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	For Full Scan: </= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers For SIM: Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

As per project specific client request, the laboratory has reported estimated values for target compounds that are detected below the Reporting Limit but greater than the Method Detection Limit. Concentrations below the level at which the canister was certified (at the Reporting Limit) may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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Hours 8:00 A.M to 6:00 P.M. Pacific

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801438C

Work Order Summary

CLIENT:	Mr. David Brayack Tetra Tech Twin Oaks I, Suite 309 5700 Lake Wright Drive Norfolk, VA 23502	**BILL TO:**	Accounts Payable/Pittsburg Tetra Tech EC, Inc. Foster Plaza 7 661 Anderson Drive Pittsburgh, PA 15220-2745
PHONE:	(757) 461-3824	**P.O. #**	
FAX:	(757) 461-4148	**PROJECT #**	112GN9845 NWIRP BETHPAGE
DATE RECEIVED:	01/24/2008	**CONTACT:**	Bryanna Langley
DATE COMPLETED:	02/06/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
06A	SVPM125-25	Modified TO-15	0.5 "Hg	5 psi
07A	SVPM12-50	Modified TO-15	0.0 "Hg	5 psi
10A	SVPM115-24	Modified TO-15	0.5 "Hg	5 psi
12A	BPS1-SG1002-08	Modified TO-15	1.0 "Hg	5 psi
12AA	BPS1-SG1002-08 Lab Duplicate	Modified TO-15	1.0 "Hg	5 psi
13A	FD-012308	Modified TO-15	0.5 "Hg	5 psi
14A	Lab Blank	Modified TO-15	NA	NA
15A	CCV	Modified TO-15	NA	NA
16A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda A. Truman DATE: 02/07/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
Tetra Tech
Workorder# 0801438C

LUMEN DATA VALIDATED

Five 6 Liter Summa Canister (100% Certified) samples were received on January 24, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801438B

Work Order Summary

CLIENT:	Mr. David Brayack Tetra Tech Twin Oaks I, Suite 309 5700 Lake Wright Drive Norfolk, VA 23502	**BILL TO:**	Accounts Payable/Pittsburg Tetra Tech EC, Inc. Foster Plaza 7 661 Anderson Drive Pittsburgh, PA 15220-2745
PHONE:	(757) 461-3824	**P.O. #**	
FAX:	(757) 461-4148	**PROJECT #**	112GN9845 NWIRP BETHPAGE
DATE RECEIVED:	01/24/2008	**CONTACT:**	Bryanna Langley
DATE COMPLETED:	02/06/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
11A	SVPM11-49	Modified TO-15	0.5 "Hg	5 psi
11B	SVPM11-49	Modified TO-15	0.5 "Hg	5 psi
12A	Lab Blank	Modified TO-15	NA	NA
12B	Lab Blank	Modified TO-15	NA	NA
13A	CCV	Modified TO-15	NA	NA
13B	CCV	Modified TO-15	NA	NA
14A	LCS	Modified TO-15	NA	NA
14B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: _____ DATE: 02/06/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
Tetra Tech
Workorder# 0801438B

Two 6 Liter Summa Canister (100% Certified) samples were received on January 24, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	For Full Scan: 30% RSD with 4 compounds allowed out to < 40% RSD For SIM: Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	For Full Scan: </= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers For SIM: Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample SVPM11-49 did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

As per project specific client request the laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified (at the Reporting Limit) may be false positives.

As per project specific client request, the laboratory has reported estimated values for target compounds that are detected below the Reporting Limit but greater than the Method Detection Limit. Concentrations below the level at which the canister was certified (at the Reporting Limit) may be false positives.

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1001-07

Lab ID#: 0801481B-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020709	Date of Collection:	1/24/08
Dil. Factor:	22.3	Date of Analysis:	2/7/08 02:08 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	11	Not Detected	55	Not Detected
Chloromethane	45	Not Detected	92	Not Detected
Vinyl Chloride	11	Not Detected	28	Not Detected
Bromomethane	11	Not Detected	43	Not Detected
Chloroethane	11	Not Detected	29	Not Detected
Freon 11	11	Not Detected	63	Not Detected
Freon 113	11	2.5 J	85	19 J
1,1-Dichloroethene	11	120	44	490
Acetone	45	160	100	370
Carbon Disulfide	11	Not Detected	35	Not Detected
Methylene Chloride	11	Not Detected	39	Not Detected
Methyl tert-butyl ether	11	Not Detected	40	Not Detected
trans-1,2-Dichloroethene	11	Not Detected	44	Not Detected
1,1-Dichloroethane	11	31	45	130
2-Butanone (Methyl Ethyl Ketone)	11	12	33	35
cis-1,2-Dichloroethene	11	6.1 J	44	24 J
Chloroform	11	Not Detected	54	Not Detected
1,1,1-Trichloroethane	11	2900	61	16000
Carbon Tetrachloride	11	Not Detected	70	Not Detected
Benzene	11	Not Detected	36	Not Detected
1,2-Dichloroethane	11	Not Detected	45	Not Detected
Trichloroethene	11	3500	60	19000
1,2-Dichloropropane	11	Not Detected	52	Not Detected
Bromodichloromethane	11	Not Detected	75	Not Detected
cis-1,3-Dichloropropene	11	Not Detected	51	Not Detected
4-Methyl-2-pentanone	11	Not Detected	46	Not Detected
Toluene	11	3.5 J	42	13 J
trans-1,3-Dichloropropene	11	Not Detected	51	Not Detected
1,1,2-Trichloroethane	11	Not Detected	61	Not Detected
Tetrachloroethene	11	25	76	170
Dibromochloromethane	11	Not Detected	95	Not Detected
1,2-Dibromoethane (EDB)	11	Not Detected	86	Not Detected
Chlorobenzene	11	Not Detected	51	Not Detected
Ethyl Benzene	11	Not Detected	48	Not Detected
m,p-Xylene	11	Not Detected	48	Not Detected
o-Xylene	11	Not Detected	48	Not Detected
Styrene	11	Not Detected	47	Not Detected
Bromoform	11	Not Detected	120	Not Detected
1,1,2,2-Tetrachloroethane	11	Not Detected	76	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1001-07

Lab ID#: 0801481B-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020709	Date of Collection:	1/24/08
Dil. Factor:	22.3	Date of Analysis:	2/7/08 02:08 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	11	Not Detected	67	Not Detected
1,4-Dichlorobenzene	11	Not Detected	67	Not Detected
1,2-Dichlorobenzene	11	Not Detected	67	Not Detected
1,2,4-Trichlorobenzene	45	Not Detected	330	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1001-20

Lab ID#: 0801481B-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020710	Date of Collection:	1/24/08
Dil. Factor:	268	Date of Analysis:	2/7/08 02:36 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	130	Not Detected	660	Not Detected
Chloromethane	540	Not Detected	1100	Not Detected
Vinyl Chloride	130	Not Detected	340	Not Detected
Bromomethane	130	Not Detected	520	Not Detected
Chloroethane	130	Not Detected	350	Not Detected
Freon 11	130	Not Detected	750	Not Detected
Freon 113	130	Not Detected	1000	Not Detected
1,1-Dichloroethene	130	590	530	2400
Acetone	540	Not Detected	1300	Not Detected
Carbon Disulfide	130	Not Detected	420	Not Detected
Methylene Chloride	130	Not Detected	460	Not Detected
Methyl tert-butyl ether	130	Not Detected	480	Not Detected
trans-1,2-Dichloroethene	130	Not Detected	530	Not Detected
1,1-Dichloroethane	130	420	540	1700
2-Butanone (Methyl Ethyl Ketone)	130	Not Detected	400	Not Detected
cis-1,2-Dichloroethene	130	140	530	560
Chloroform	130	Not Detected	650	Not Detected
1,1,1-Trichloroethane	130	16000	730	90000
Carbon Tetrachloride	130	Not Detected	840	Not Detected
Benzene	130	Not Detected	430	Not Detected
1,2-Dichloroethane	130	Not Detected	540	Not Detected
Trichloroethene	130	33000	720	180000
1,2-Dichloropropane	130	Not Detected	620	Not Detected
Bromodichloromethane	130	Not Detected	900	Not Detected
cis-1,3-Dichloropropene	130	Not Detected	610	Not Detected
4-Methyl-2-pentanone	130	Not Detected	550	Not Detected
Toluene	130	Not Detected	500	Not Detected
trans-1,3-Dichloropropene	130	Not Detected	610	Not Detected
1,1,2-Trichloroethane	130	Not Detected	730	Not Detected
Tetrachloroethene	130	170	910	1200
Dibromochloromethane	130	Not Detected	1100	Not Detected
1,2-Dibromoethane (EDB)	130	Not Detected	1000	Not Detected
Chlorobenzene	130	Not Detected	620	Not Detected
Ethyl Benzene	130	Not Detected	580	Not Detected
m,p-Xylene	130	Not Detected	580	Not Detected
o-Xylene	130	Not Detected	580	Not Detected
Styrene	130	Not Detected	570	Not Detected
Bromoform	130	Not Detected	1400	Not Detected
1,1,2,2-Tetrachloroethane	130	Not Detected	920	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1001-20

Lab ID#: 0801481B-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020710	Date of Collection:	1/24/08
Dil. Factor:	268	Date of Analysis:	2/7/08 02:36 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	130	Not Detected	800	Not Detected
1,4-Dichlorobenzene	130	Not Detected	800	Not Detected
1,2-Dichlorobenzene	130	Not Detected	800	Not Detected
1,2,4-Trichlorobenzene	540	Not Detected	4000	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	99	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1001-40

Lab ID#: 0801481B-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020711	Date of Collection:	1/25/08
Dil. Factor:	1.41	Date of Analysis:	2/7/08 03:08 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.70	0.83	3.5	4.1
Chloromethane	2.8	Not Detected	5.8	Not Detected
Vinyl Chloride	0.70	Not Detected	1.8	Not Detected
Bromomethane	0.70	Not Detected	2.7	Not Detected
Chloroethane	0.70	Not Detected	1.9	Not Detected
Freon 11	0.70	0.42 J	4.0	2.3 J
Freon 113	0.70	0.27 J	5.4	2.1 J
1,1-Dichloroethene	0.70	3.7	2.8	15
Acetone	2.8	6.1	6.7	14
Carbon Disulfide	0.70	Not Detected	2.2	Not Detected
Methylene Chloride	0.70	44	2.4	150
Methyl tert-butyl ether	0.70	Not Detected	2.5	Not Detected
trans-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
1,1-Dichloroethane	0.70	3.3	2.8	14
2-Butanone (Methyl Ethyl Ketone)	0.70	Not Detected	2.1	Not Detected
cis-1,2-Dichloroethene	0.70	1.1	2.8	4.4
Chloroform	0.70	0.11 J	3.4	0.52 J
1,1,1-Trichloroethane	0.70	160	3.8	890
Carbon Tetrachloride	0.70	Not Detected	4.4	Not Detected
Benzene	0.70	0.36 J	2.2	1.1 J
1,2-Dichloroethane	0.70	Not Detected	2.8	Not Detected
Trichloroethene	0.70	260	3.8	1400
1,2-Dichloropropane	0.70	Not Detected	3.2	Not Detected
Bromodichloromethane	0.70	Not Detected	4.7	Not Detected
cis-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
4-Methyl-2-pentanone	0.70	Not Detected	2.9	Not Detected
Toluene	0.70	0.56 J	2.6	2.1 J
trans-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
1,1,2-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Tetrachloroethene	0.70	0.87	4.8	5.9
Dibromochloromethane	0.70	Not Detected	6.0	Not Detected
1,2-Dibromoethane (EDB)	0.70	Not Detected	5.4	Not Detected
Chlorobenzene	0.70	Not Detected	3.2	Not Detected
Ethyl Benzene	0.70	Not Detected	3.1	Not Detected
m,p-Xylene	0.70	Not Detected	3.1	Not Detected
o-Xylene	0.70	Not Detected	3.1	Not Detected
Styrene	0.70	Not Detected	3.0	Not Detected
Bromoform	0.70	Not Detected	7.3	Not Detected
1,1,2,2-Tetrachloroethane	0.70	Not Detected	4.8	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1001-40

Lab ID#: 0801481B-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020711	Date of Collection:	1/25/08
Dil. Factor:	1.41	Date of Analysis:	2/7/08 03:08 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,4-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.8	Not Detected	21	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPS1-SG1002-08

Lab ID#: 0801438C-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013119	Date of Collection:	1/23/08
Dil. Factor:	6.95	Date of Analysis:	1/31/08 09:39 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.5	Not Detected	17	Not Detected
Chloromethane	14	Not Detected	29	Not Detected
Vinyl Chloride	3.5	Not Detected	8.9	Not Detected
Bromomethane	3.5	Not Detected	13	Not Detected
Chloroethane	3.5	Not Detected	9.2	Not Detected
Freon 11	3.5	0.78 J	20	4.4 J
Freon 113	3.5	280	27	2200
1,1-Dichloroethene	3.5	Not Detected	14	Not Detected
Acetone	14	27	33	64
Carbon Disulfide	3.5	1.1 J	11	3.5 J
Methylene Chloride	3.5	Not Detected	12	Not Detected
Methyl tert-butyl ether	3.5	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	3.5	5.6	14	22
1,1-Dichloroethane	3.5	3.6	14	15
2-Butanone (Methyl Ethyl Ketone)	3.5	Not Detected	10	Not Detected
cis-1,2-Dichloroethene	3.5	39	14	160
Chloroform	3.5	1.1 J	17	5.6 J
1,1,1-Trichloroethane	3.5	140	19	740
Carbon Tetrachloride	3.5	Not Detected	22	Not Detected
Benzene	3.5	1.6 J	11	5.1 J
1,2-Dichloroethane	3.5	Not Detected	14	Not Detected
Trichloroethene	3.5	620	19	3300
1,2-Dichloropropane	3.5	Not Detected	16	Not Detected
Bromodichloromethane	3.5	Not Detected	23	Not Detected
cis-1,3-Dichloropropene	3.5	Not Detected	16	Not Detected
4-Methyl-2-pentanone	3.5	Not Detected	14	Not Detected
Toluene	3.5	Not Detected	13	Not Detected
trans-1,3-Dichloropropene	3.5	Not Detected	16	Not Detected
1,1,2-Trichloroethane	3.5	Not Detected	19	Not Detected
Tetrachloroethene	3.5	250	24	1700
Dibromochloromethane	3.5	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	3.5	Not Detected	27	Not Detected
Chlorobenzene	3.5	Not Detected	16	Not Detected
Ethyl Benzene	3.5	Not Detected	15	Not Detected
m,p-Xylene	3.5	Not Detected	15	Not Detected
o-Xylene	3.5	Not Detected	15	Not Detected
Styrene	3.5	Not Detected	15	Not Detected
Bromoform	3.5	Not Detected	36	Not Detected
1,1,2,2-Tetrachloroethane	3.5	Not Detected	24	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPS1-SG1002-08

Lab ID#: 0801438C-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013119	Date of Collection:	1/23/08
Dil. Factor:	6.95	Date of Analysis:	1/31/08 09:39 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	3.5	Not Detected	21	Not Detected
1,4-Dichlorobenzene	3.5	Not Detected	21	Not Detected
1,2-Dichlorobenzene	3.5	Not Detected	21	Not Detected
1,2,4-Trichlorobenzene	14	Not Detected U J	100	Not Detected U J

J = Estimated value.
UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPS1-SG1002-08 Lab Duplicate

Lab ID#: 0801438C-12AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013114	Date of Collection:	1/23/08
Dil. Factor:	11.1	Date of Analysis:	1/31/08 06:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.6	Not Detected	27	Not Detected
Chloromethane	22	5.4 J	46	11 J
Vinyl Chloride	5.6	Not Detected	14	Not Detected
Bromomethane	5.6	Not Detected	22	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
Freon 11	5.6	Not Detected	31	Not Detected
Freon 113	5.6	280	42	2100
1,1-Dichloroethene	5.6	3.2 J	22	13 J
Acetone	22	24	53	56
Carbon Disulfide	5.6	1.5 J	17	4.6 J
Methylene Chloride	5.6	Not Detected	19	Not Detected
Methyl tert-butyl ether	5.6	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.6	5.8	22	23
1,1-Dichloroethane	5.6	2.9 J	22	12 J
2-Butanone (Methyl Ethyl Ketone)	5.6	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	5.6	37	22	150
Chloroform	5.6	Not Detected	27	Not Detected
1,1,1-Trichloroethane	5.6	140	30	740
Carbon Tetrachloride	5.6	Not Detected	35	Not Detected
Benzene	5.6	Not Detected	18	Not Detected
1,2-Dichloroethane	5.6	Not Detected	22	Not Detected
Trichloroethene	5.6	650	30	3500
1,2-Dichloropropane	5.6	Not Detected	26	Not Detected
Bromodichloromethane	5.6	Not Detected	37	Not Detected
cis-1,3-Dichloropropene	5.6	Not Detected	25	Not Detected
4-Methyl-2-pentanone	5.6	Not Detected	23	Not Detected
Toluene	5.6	Not Detected	21	Not Detected
trans-1,3-Dichloropropene	5.6	Not Detected	25	Not Detected
1,1,2-Trichloroethane	5.6	Not Detected	30	Not Detected
Tetrachloroethene	5.6	250	38	1700
Dibromochloromethane	5.6	Not Detected	47	Not Detected
1,2-Dibromoethane (EDB)	5.6	Not Detected	43	Not Detected
Chlorobenzene	5.6	Not Detected	26	Not Detected
Ethyl Benzene	5.6	Not Detected	24	Not Detected
m,p-Xylene	5.6	Not Detected	24	Not Detected
o-Xylene	5.6	Not Detected	24	Not Detected
Styrene	5.6	Not Detected	24	Not Detected
Bromoform	5.6	Not Detected	57	Not Detected
1,1,2,2-Tetrachloroethane	5.6	Not Detected	38	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPS1-SG1002-08 Lab Duplicate

Lab ID#: 0801438C-12AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013114	Date of Collection:	1/23/08
Dil. Factor:	11.1	Date of Analysis:	1/31/08 06:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	5.6	Not Detected	33	Not Detected
1,4-Dichlorobenzene	5.6	Not Detected	33	Not Detected
1,2-Dichlorobenzene	5.6	Not Detected	33	Not Detected
1,2,4-Trichlorobenzene	22	Not Detected U J	160	Not Detected U J

J = Estimated value.
UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: FD-012308

Lab ID#: 0801438C-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013120	Date of Collection:	1/23/08
Dil. Factor:	6.80	Date of Analysis:	1/31/08 10:15 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.4	Not Detected	17	Not Detected
Chloromethane	14	Not Detected	28	Not Detected
Vinyl Chloride	3.4	Not Detected	8.7	Not Detected
Bromomethane	3.4	Not Detected	13	Not Detected
Chloroethane	3.4	Not Detected	9.0	Not Detected
Freon 11	3.4	0.65 J	19	3.6 J
Freon 113	3.4	370	26	2900
1,1-Dichloroethene	3.4	Not Detected	13	Not Detected
Acetone	14	30	32	72
Carbon Disulfide	3.4	0.88 J	10	2.7 J
Methylene Chloride	3.4	Not Detected	12	Not Detected
Methyl tert-butyl ether	3.4	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	3.4	6.3	13	25
1,1-Dichloroethane	3.4	3.4	14	14
2-Butanone (Methyl Ethyl Ketone)	3.4	Not Detected	10	Not Detected
cis-1,2-Dichloroethene	3.4	49	13	200
Chloroform	3.4	1.3 J	17	6.5 J
1,1,1-Trichloroethane	3.4	180	18	970
Carbon Tetrachloride	3.4	Not Detected	21	Not Detected
Benzene	3.4	1.7 J	11	5.5 J
1,2-Dichloroethane	3.4	Not Detected	14	Not Detected
Trichloroethene	3.4	860	18	4600
1,2-Dichloropropane	3.4	Not Detected	16	Not Detected
Bromodichloromethane	3.4	Not Detected	23	Not Detected
cis-1,3-Dichloropropene	3.4	Not Detected	15	Not Detected
4-Methyl-2-pentanone	3.4	Not Detected	14	Not Detected
Toluene	3.4	2.2 J	13	8.2 J
trans-1,3-Dichloropropene	3.4	Not Detected	15	Not Detected
1,1,2-Trichloroethane	3.4	Not Detected	18	Not Detected
Tetrachloroethene	3.4	320	23	2100
Dibromochloromethane	3.4	Not Detected	29	Not Detected
1,2-Dibromoethane (EDB)	3.4	Not Detected	26	Not Detected
Chlorobenzene	3.4	Not Detected	16	Not Detected
Ethyl Benzene	3.4	Not Detected	15	Not Detected
m,p-Xylene	3.4	Not Detected	15	Not Detected
o-Xylene	3.4	Not Detected	15	Not Detected
Styrene	3.4	Not Detected	14	Not Detected
Bromoform	3.4	Not Detected	35	Not Detected
1,1,2,2-Tetrachloroethane	3.4	Not Detected	23	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: FD-012308

Lab ID#: 0801438C-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013120	Date of Collection:	1/23/08
Dil. Factor:	6.80	Date of Analysis:	1/31/08 10:15 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	3.4	Not Detected	20	Not Detected
1,4-Dichlorobenzene	3.4	Not Detected	20	Not Detected
1,2-Dichlorobenzene	3.4	Not Detected	20	Not Detected
1,2,4-Trichlorobenzene	14	Not Detected U J	100	Not Detected U J

J = Estimated value.
UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	95	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1002-20

Lab ID#: 0801481-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020513	Date of Collection:	1/24/08
Dil. Factor:	48.7	Date of Analysis:	2/5/08 08:50 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.9	Not Detected	24	Not Detected
Chloromethane	4.9	Not Detected	10	Not Detected
Vinyl Chloride	4.9	Not Detected	12	Not Detected
Bromomethane	4.9	Not Detected	19	Not Detected
Chloroethane	4.9	Not Detected	13	Not Detected
Freon 11	4.9	Not Detected	27	Not Detected
Freon 113	4.9	670	37	5100
1,1-Dichloroethene	4.9	5.0	19	20
Acetone	24	620	58	1500
Carbon Disulfide	24	1.3 J	76	3.9 J
Methylene Chloride	9.7	Not Detected	34	Not Detected
Methyl tert-butyl ether	4.9	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	4.9	14	19	58
1,1-Dichloroethane	4.9	15	20	62
2-Butanone (Methyl Ethyl Ketone)	4.9	17	14	50
cis-1,2-Dichloroethene	4.9	200	19	800
Chloroform	4.9	1.5 J	24	7.3 J
1,1,1-Trichloroethane	4.9	350	26	1900
Carbon Tetrachloride	4.9	Not Detected	31	Not Detected
Benzene	4.9	10	16	33
1,2-Dichloroethane	4.9	Not Detected	20	Not Detected
1,2-Dichloropropane	4.9	Not Detected	22	Not Detected
Bromodichloromethane	4.9	Not Detected	33	Not Detected
cis-1,3-Dichloropropene	4.9	Not Detected	22	Not Detected
4-Methyl-2-pentanone	4.9	Not Detected	20	Not Detected
Toluene	4.9	8.3	18	31
trans-1,3-Dichloropropene	4.9	Not Detected	22	Not Detected
1,1,2-Trichloroethane	4.9	Not Detected	26	Not Detected
Tetrachloroethene	4.9	140	33	960
Dibromochloromethane	4.9	Not Detected	41	Not Detected
1,2-Dibromoethane (EDB)	4.9	Not Detected	37	Not Detected
Chlorobenzene	4.9	Not Detected	22	Not Detected
Ethyl Benzene	4.9	1.4 J	21	5.9 J
m,p-Xylene	4.9	2.1 J	21	9.1 J
o-Xylene	4.9	Not Detected	21	Not Detected
Styrene	4.9	Not Detected	21	Not Detected
Bromoform	4.9	Not Detected	50	Not Detected
1,1,2,2-Tetrachloroethane	4.9	Not Detected	33	Not Detected
1,3-Dichlorobenzene	4.9	Not Detected	29	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1002-20

Lab ID#: 0801481-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020513	Date of Collection:	1/24/08
Dil. Factor:	48.7	Date of Analysis:	2/5/08 08:50 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	4.9	Not Detected	29	Not Detected
1,2-Dichlorobenzene	4.9	Not Detected	29	Not Detected
1,2,4-Trichlorobenzene	24	Not Detected	180	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1002-20

Lab ID#: 0801481-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020513sim	Date of Collection:	1/24/08
Dil. Factor:	48.7	Date of Analysis:	2/5/08 08:50 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.97	820	5.2	4400

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	118	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1002-45

Lab ID#: 0801481-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020518	Date of Collection:	1/24/08
Dil. Factor:	28.2	Date of Analysis:	2/6/08 01:25 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.8	Not Detected	14	Not Detected
Chloromethane	2.8	2.5 J	5.8	5.2 J
Vinyl Chloride	2.8	Not Detected	7.2	Not Detected
Bromomethane	2.8	Not Detected	11	Not Detected
Chloroethane	2.8	Not Detected	7.4	Not Detected
Freon 11	2.8	Not Detected	16	Not Detected
Freon 113	2.8	310	22	2400
1,1-Dichloroethene	2.8	1.7 J	11	6.6 J
Acetone	14	850	33	2000
Carbon Disulfide	14	1.9 J	44	6.0 J
Methylene Chloride	5.6	Not Detected	20	Not Detected
Methyl tert-butyl ether	2.8	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	2.8	2.6 J	11	10 J
1,1-Dichloroethane	2.8	4.1	11	16
2-Butanone (Methyl Ethyl Ketone)	2.8	78	8.3	230
cis-1,2-Dichloroethene	2.8	23	11	92
Chloroform	2.8	Not Detected	14	Not Detected
1,1,1-Trichloroethane	2.8	100	15	550
Carbon Tetrachloride	2.8	Not Detected	18	Not Detected
Benzene	2.8	18	9.0	56
1,2-Dichloroethane	2.8	Not Detected	11	Not Detected
1,2-Dichloropropane	2.8	Not Detected	13	Not Detected
Bromodichloromethane	2.8	Not Detected	19	Not Detected
cis-1,3-Dichloropropene	2.8	Not Detected	13	Not Detected
4-Methyl-2-pentanone	2.8	4.9 J	12	20 J
Toluene	2.8	17	11	66
trans-1,3-Dichloropropene	2.8	Not Detected	13	Not Detected
1,1,2-Trichloroethane	2.8	Not Detected	15	Not Detected
Tetrachloroethene	2.8	2.9	19	20
Dibromochloromethane	2.8	Not Detected	24	Not Detected
1,2-Dibromoethane (EDB)	2.8	Not Detected	22	Not Detected
Chlorobenzene	2.8	Not Detected	13	Not Detected
Ethyl Benzene	2.8	1.9 J	12	8.4 J
m,p-Xylene	2.8	4.7	12	20
o-Xylene	2.8	1.7 J	12	7.6 J
Styrene	2.8	Not Detected	12	Not Detected
Bromoform	2.8	Not Detected	29	Not Detected
1,1,2,2-Tetrachloroethane	2.8	Not Detected	19	Not Detected
1,3-Dichlorobenzene	2.8	Not Detected	17	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1002-45

Lab ID#: 0801481-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020518	Date of Collection:	1/24/08
Dil. Factor:	28.2	Date of Analysis:	2/6/08 01:25 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	2.8	Not Detected	17	Not Detected
1,2-Dichlorobenzene	2.8	Not Detected	17	Not Detected
1,2,4-Trichlorobenzene	14	Not Detected	100	Not Detected

J = Estimated value.
J = Estimated value due to bias in the CCV.
Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1002-45

Lab ID#: 0801481-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020518sim	Date of Collection:	1/24/08
Dil. Factor:	28.2	Date of Analysis:	2/6/08 01:25 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.56	59	3.0	320

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1003-05.5

Lab ID#: 0801438A-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012820	Date of Collection: 1/22/08
Dil. Factor:	1.36	Date of Analysis: 1/29/08 12:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.18	0.67	0.86
Chloromethane	0.14	Not Detected	0.28	Not Detected
Vinyl Chloride	0.14	Not Detected	0.35	Not Detected
Bromomethane	0.14	Not Detected	0.53	Not Detected
Chloroethane	0.14	Not Detected	0.36	Not Detected
Freon 11	0.14	0.33	0.76	1.8
Freon 113	0.14	100 E	1.0	790 E
1,1-Dichloroethene	0.14	0.24	0.54	0.94
Acetone	0.68	40	1.6	95
Carbon Disulfide	0.68	0.36 J	2.1	1.1 J
Methylene Chloride	0.27	0.061 J	0.94	0.21 J
Methyl tert-butyl ether	0.14	Not Detected	0.49	Not Detected
trans-1,2-Dichloroethene	0.14	0.055 J	0.54	0.22 J
1,1-Dichloroethane	0.14	0.29	0.55	1.2
2-Butanone (Methyl Ethyl Ketone)	0.14	3.4	0.40	10
cis-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Chloroform	0.14	0.24	0.66	1.2
1,1,1-Trichloroethane	0.14	81 E	0.74	440 E
Carbon Tetrachloride	0.14	Not Detected	0.86	Not Detected
Benzene	0.14	1.0	0.43	3.3
1,2-Dichloroethane	0.14	Not Detected	0.55	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.63	Not Detected
Bromodichloromethane	0.14	Not Detected	0.91	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.56	Not Detected
Toluene	0.14	6.7	0.51	25
trans-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.74	Not Detected
Tetrachloroethene	0.14	79 E	0.92	540 E
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.0	Not Detected
Chlorobenzene	0.14	Not Detected	0.63	Not Detected
Ethyl Benzene	0.14	1.8	0.59	7.8
m,p-Xylene	0.14	6.2	0.59	27
o-Xylene	0.14	1.9	0.59	8.3
Styrene	0.14	0.22	0.58	0.92
Bromoform	0.14	Not Detected	1.4	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.93	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1003-05.5

Lab ID#: 0801438A-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012820	Date of Collection:	1/22/08
Dil. Factor:	1.36	Date of Analysis:	1/29/08 12:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.14	0.25	0.82	1.5
1,2-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
1,2,4-Trichlorobenzene	0.68	Not Detected	5.0	Not Detected

E = Exceeds instrument calibration range.
J = Estimated value.
Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	87	70-130
4-Bromofluorobenzene	121	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1003-05.5

Lab ID#: 0801438A-04B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012820sim	Date of Collection:	1/22/08
Dil. Factor:	1.36	Date of Analysis:	1/29/08 12:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.027	20	0.15	110

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	122	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1003-20

Lab ID#: 0801438A-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012825	Date of Collection: 1/22/08	
Dil. Factor:	9.07	Date of Analysis: 1/29/08 07:34 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.91	Not Detected	4.5	Not Detected
Chloromethane	0.91	Not Detected	1.9	Not Detected
Vinyl Chloride	0.91	Not Detected	2.3	Not Detected
Bromomethane	0.91	Not Detected	3.5	Not Detected
Chloroethane	0.91	Not Detected	2.4	Not Detected
Freon 11	0.91	0.24 J	5.1	1.4 J
Freon 113	0.91	180	7.0	1400
1,1-Dichloroethene	0.91	1.5	3.6	5.8
Acetone	4.5	51	11	120
Carbon Disulfide	4.5	0.92 J	14	2.8 J
Methylene Chloride	1.8	Not Detected	6.3	Not Detected
Methyl tert-butyl ether	0.91	Not Detected	3.3	Not Detected
trans-1,2-Dichloroethene	0.91	0.77 J	3.6	3.0 J
1,1-Dichloroethane	0.91	4.7	3.7	19
2-Butanone (Methyl Ethyl Ketone)	0.91	3.9	2.7	12
cis-1,2-Dichloroethene	0.91	0.93	3.6	3.7
Chloroform	0.91	1.0	4.4	4.9
1,1,1-Trichloroethane	0.91	140	4.9	790
Carbon Tetrachloride	0.91	Not Detected	5.7	Not Detected
Benzene	0.91	1.9	2.9	6.2
1,2-Dichloroethane	0.91	Not Detected	3.7	Not Detected
1,2-Dichloropropane	0.91	Not Detected	4.2	Not Detected
Bromodichloromethane	0.91	Not Detected	6.1	Not Detected
cis-1,3-Dichloropropene	0.91	Not Detected	4.1	Not Detected
4-Methyl-2-pentanone	0.91	Not Detected	3.7	Not Detected
Toluene	0.91	11	3.4	41
trans-1,3-Dichloropropene	0.91	Not Detected	4.1	Not Detected
1,1,2-Trichloroethane	0.91	Not Detected	4.9	Not Detected
Tetrachloroethene	0.91	200	6.2	1300
Dibromochloromethane	0.91	Not Detected	7.7	Not Detected
1,2-Dibromoethane (EDB)	0.91	Not Detected	7.0	Not Detected
Chlorobenzene	0.91	Not Detected	4.2	Not Detected
Ethyl Benzene	0.91	2.7	3.9	12
m,p-Xylene	0.91	7.9	3.9	34
o-Xylene	0.91	2.5	3.9	11
Styrene	0.91	0.24 J	3.9	1.0 J
Bromoform	0.91	Not Detected	9.4	Not Detected
1,1,2,2-Tetrachloroethane	0.91	Not Detected	6.2	Not Detected
1,3-Dichlorobenzene	0.91	Not Detected	5.4	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1003-20

Lab ID#: 0801438A-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012825	Date of Collection: 1/22/08	
Dil. Factor:	9.07	Date of Analysis: 1/29/08 07:34 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.91	Not Detected	5.4	Not Detected
1,2-Dichlorobenzene	0.91	Not Detected	5.4	Not Detected
1,2,4-Trichlorobenzene	4.5	Not Detected	34	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	124	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1003-20

Lab ID#: 0801438A-05B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012825sim	Date of Collection:	1/22/08
Dil. Factor:	9.07	Date of Analysis:	1/29/08 07:34 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.18	110	0.97	590

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	90	70-130
4-Bromofluorobenzene	123	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1003-45

Lab ID#: 0801438A-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012917	Date of Collection:	1/23/08
Dil. Factor:	9.40	Date of Analysis:	1/29/08 10:33 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.94	0.57 J	4.6	2.8 J
Chloromethane	0.94	Not Detected	1.9	Not Detected
Vinyl Chloride	0.94	Not Detected	2.4	Not Detected
Bromomethane	0.94	Not Detected	3.6	Not Detected
Chloroethane	0.94	Not Detected	2.5	Not Detected
Freon 11	0.94	0.35 J	5.3	2.0 J
Freon 113	0.94	290	7.2	2200
1,1-Dichloroethene	0.94	2.2	3.7	8.8
Acetone	4.7	140	11	340
Carbon Disulfide	4.7	0.42 J	15	1.3 J
Methylene Chloride	1.9	0.32 J	6.5	1.1 J
Methyl tert-butyl ether	0.94	2.3	3.4	8.2
trans-1,2-Dichloroethene	0.94	1.4	3.7	5.6
1,1-Dichloroethane	0.94	23	3.8	95
2-Butanone (Methyl Ethyl Ketone)	0.94	7.4	2.8	22
cis-1,2-Dichloroethene	0.94	2.0	3.7	8.1
Chloroform	0.94	1.2	4.6	5.7
1,1,1-Trichloroethane	0.94	140	5.1	780
Carbon Tetrachloride	0.94	Not Detected	5.9	Not Detected
Benzene	0.94	3.0	3.0	9.4
1,2-Dichloroethane	0.94	Not Detected	3.8	Not Detected
1,2-Dichloropropane	0.94	Not Detected	4.3	Not Detected
Bromodichloromethane	0.94	Not Detected	6.3	Not Detected
cis-1,3-Dichloropropene	0.94	Not Detected	4.3	Not Detected
4-Methyl-2-pentanone	0.94	Not Detected	3.8	Not Detected
Toluene	0.94	6.4	3.5	24
trans-1,3-Dichloropropene	0.94	Not Detected	4.3	Not Detected
1,1,2-Trichloroethane	0.94	Not Detected	5.1	Not Detected
Tetrachloroethene	0.94	37	6.4	250
Dibromochloromethane	0.94	Not Detected	8.0	Not Detected
1,2-Dibromoethane (EDB)	0.94	Not Detected	7.2	Not Detected
Chlorobenzene	0.94	Not Detected	4.3	Not Detected
Ethyl Benzene	0.94	1.0	4.1	4.4
m,p-Xylene	0.94	3.3	4.1	14
o-Xylene	0.94	0.54 J	4.1	2.4 J
Styrene	0.94	Not Detected	4.0	Not Detected
Bromoform	0.94	Not Detected	9.7	Not Detected
1,1,2,2-Tetrachloroethane	0.94	Not Detected	6.4	Not Detected
1,3-Dichlorobenzene	0.94	Not Detected	5.6	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1003-45

Lab ID#: 0801438A-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012917	Date of Collection:	1/23/08
Dil. Factor:	9.40	Date of Analysis:	1/29/08 10:33 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.94	Not Detected	5.6	Not Detected
1,2-Dichlorobenzene	0.94	Not Detected	5.6	Not Detected
1,2,4-Trichlorobenzene	4.7	Not Detected	35	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	90	70-130
4-Bromofluorobenzene	116	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1003-45

Lab ID#: 0801438A-09B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012917sim	Date of Collection:	1/23/08
Dil. Factor:	9.40	Date of Analysis:	1/29/08 10:33 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.19	140	1.0	750

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	88	70-130
4-Bromofluorobenzene	117	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1004-05.5

Lab ID#: 0801438A-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012818	Date of Collection: 1/22/08	
Dil. Factor:	1.41	Date of Analysis: 1/28/08 10:16 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.34	0.70	1.6
Chloromethane	0.14	0.40	0.29	0.83
Vinyl Chloride	0.14	Not Detected	0.36	Not Detected
Bromomethane	0.14	Not Detected	0.55	Not Detected
Chloroethane	0.14	Not Detected	0.37	Not Detected
Freon 11	0.14	0.24	0.79	1.3
Freon 113	0.14	0.52	1.1	4.0
1,1-Dichloroethene	0.14	Not Detected	0.56	Not Detected
Acetone	0.70	140 E	1.7	330 E
Carbon Disulfide	0.70	1.2	2.2	3.6
Methylene Chloride	0.28	Not Detected	0.98	Not Detected
Methyl tert-butyl ether	0.14	Not Detected	0.51	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.56	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.57	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	5.4	0.42	16
cis-1,2-Dichloroethene	0.14	Not Detected	0.56	Not Detected
Chloroform	0.14	Not Detected	0.69	Not Detected
1,1,1-Trichloroethane	0.14	0.71	0.77	3.9
Carbon Tetrachloride	0.14	0.11 J	0.89	0.67 J
Benzene	0.14	2.4	0.45	7.6
1,2-Dichloroethane	0.14	Not Detected	0.57	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.65	Not Detected
Bromodichloromethane	0.14	Not Detected	0.94	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.64	Not Detected
4-Methyl-2-pentanone	0.14	0.51	0.58	2.1
Toluene	0.14	8.6	0.53	32
trans-1,3-Dichloropropene	0.14	Not Detected	0.64	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.77	Not Detected
Tetrachloroethene	0.14	3.3	0.96	22
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	0.013 J	0.65	0.061 J
Ethyl Benzene	0.14	2.1	0.61	9.1
m,p-Xylene	0.14	7.4	0.61	32
o-Xylene	0.14	2.4	0.61	11
Styrene	0.14	0.18	0.60	0.76
Bromoform	0.14	Not Detected	1.4	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.97	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.85	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1004-05.5

Lab ID#: 0801438A-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012818	Date of Collection:	1/22/08
Dil. Factor:	1.41	Date of Analysis:	1/28/08 10:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.14	0.13 J	0.85	0.77 J
1,2-Dichlorobenzene	0.14	Not Detected	0.85	Not Detected
1,2,4-Trichlorobenzene	0.70	Not Detected	5.2	Not Detected

E = Exceeds instrument calibration range.
J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	126	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1004-05.5

Lab ID#: 0801438A-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012818sim	Date of Collection:	1/22/08
Dil. Factor:	1.41	Date of Analysis:	1/28/08 10:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.028	0.98	0.15	5.2

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	123	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1004-22

Lab ID#: 0801438A-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012819	Date of Collection:	1/22/08
Dil. Factor:	1.36	Date of Analysis:	1/28/08 11:38 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.38	0.67	1.9
Chloromethane	0.14	0.55	0.28	1.1
Vinyl Chloride	0.14	Not Detected	0.35	Not Detected
Bromomethane	0.14	Not Detected	0.53	Not Detected
Chloroethane	0.14	Not Detected	0.36	Not Detected
Freon 11	0.14	0.27	0.76	1.5
Freon 113	0.14	0.090 J	1.0	0.69 J
1,1-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Acetone	0.68	97 E	1.6	230 E
Carbon Disulfide	0.68	0.049 J	2.1	0.15 J
Methylene Chloride	0.27	0.10 J	0.94	0.36 J
Methyl tert-butyl ether	0.14	Not Detected	0.49	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.55	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	0.30	0.40	0.87
cis-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Chloroform	0.14	Not Detected	0.66	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.74	Not Detected
Carbon Tetrachloride	0.14	0.074 J	0.86	0.47 J
Benzene	0.14	0.43	0.43	1.4
1,2-Dichloroethane	0.14	Not Detected	0.55	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.63	Not Detected
Bromodichloromethane	0.14	Not Detected	0.91	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
4-Methyl-2-pentanone	0.14	0.026 J	0.56	0.11 J
Toluene	0.14	0.96	0.51	3.6
trans-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.74	Not Detected
Tetrachloroethene	0.14	0.12 J	0.92	0.80 J
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.0	Not Detected
Chlorobenzene	0.14	Not Detected	0.63	Not Detected
Ethyl Benzene	0.14	0.12 J	0.59	0.53 J
m,p-Xylene	0.14	0.43	0.59	1.9
o-Xylene	0.14	0.14	0.59	0.63
Styrene	0.14	0.020 J	0.58	0.084 J
Bromoform	0.14	Not Detected	1.4	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.93	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1004-22

Lab ID#: 0801438A-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012819	Date of Collection:	1/22/08
Dil. Factor:	1.36	Date of Analysis:	1/28/08 11:38 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.14	0.14	0.82	0.84
1,2-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
1,2,4-Trichlorobenzene	0.68	Not Detected	5.0	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	118	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1004-22

Lab ID#: 0801438A-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012819sim	Date of Collection:	1/22/08
Dil. Factor:	1.36	Date of Analysis:	1/28/08 11:38 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.027	0.022 J	0.15	0.12 J

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	119	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1004-46

Lab ID#: 0801481-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020519	Date of Collection:	1/25/08
Dil. Factor:	8.67	Date of Analysis:	2/6/08 02:42 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.87	Not Detected	4.3	Not Detected
Chloromethane	0.87	Not Detected	1.8	Not Detected
Vinyl Chloride	0.87	Not Detected	2.2	Not Detected
Bromomethane	0.87	Not Detected	3.4	Not Detected
Chloroethane	0.87	Not Detected	2.3	Not Detected
Freon 11	0.87	0.30 J	4.9	1.7 J
Freon 113	0.87	78	6.6	600
1,1-Dichloroethene	0.87	1.0	3.4	4.1
Acetone	4.3	200	10	470
Carbon Disulfide	4.3	0.50 J	13	1.6 J
Methylene Chloride	1.7	0.62 J	6.0	2.2 J
Methyl tert-butyl ether	0.87	Not Detected	3.1	Not Detected
trans-1,2-Dichloroethene	0.87	5.6	3.4	22
1,1-Dichloroethane	0.87	110	3.5	460
2-Butanone (Methyl Ethyl Ketone)	0.87	5.2	2.6	15
cis-1,2-Dichloroethene	0.87	20	3.4	79
Chloroform	0.87	0.53 J	4.2	2.6 J
1,1,1-Trichloroethane	0.87	79	4.7	430
Carbon Tetrachloride	0.87	Not Detected	5.4	Not Detected
Benzene	0.87	1.6	2.8	5.2
1,2-Dichloroethane	0.87	Not Detected	3.5	Not Detected
1,2-Dichloropropane	0.87	Not Detected	4.0	Not Detected
Bromodichloromethane	0.87	Not Detected	5.8	Not Detected
cis-1,3-Dichloropropene	0.87	Not Detected	3.9	Not Detected
4-Methyl-2-pentanone	0.87	Not Detected	3.6	Not Detected
Toluene	0.87	4.0	3.3	15
trans-1,3-Dichloropropene	0.87	Not Detected	3.9	Not Detected
1,1,2-Trichloroethane	0.87	Not Detected	4.7	Not Detected
Tetrachloroethene	0.87	11	5.9	78
Dibromochloromethane	0.87	Not Detected	7.4	Not Detected
1,2-Dibromoethane (EDB)	0.87	Not Detected	6.7	Not Detected
Chlorobenzene	0.87	Not Detected	4.0	Not Detected
Ethyl Benzene	0.87	0.63 J	3.8	2.7 J
m,p-Xylene	0.87	1.7	3.8	7.4
o-Xylene	0.87	0.38 J	3.8	1.6 J
Styrene	0.87	Not Detected	3.7	Not Detected
Bromoform	0.87	Not Detected	9.0	Not Detected
1,1,2,2-Tetrachloroethane	0.87	Not Detected	6.0	Not Detected
1,3-Dichlorobenzene	0.87	Not Detected	5.2	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1004-46

Lab ID#: 0801481-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020519	Date of Collection: 1/25/08	
Dil. Factor:	8.67	Date of Analysis: 2/6/08 02:42 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.87	Not Detected	5.2	Not Detected
1,2-Dichlorobenzene	0.87	Not Detected	5.2	Not Detected
1,2,4-Trichlorobenzene	4.3	Not Detected	32	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	113	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1004-46

Lab ID#: 0801481-06B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020519sim	Date of Collection:	1/25/08
Dil. Factor:	8.67	Date of Analysis:	2/6/08 02:42 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.17	150	0.93	820

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	124	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1005-08

Lab ID#: 0801530-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020719	Date of Collection:	1/28/08
Dil. Factor:	1.39	Date of Analysis:	2/7/08 09:45 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.37	0.69	1.8
Chloromethane	0.14	0.38	0.29	0.79
Vinyl Chloride	0.14	Not Detected	0.36	Not Detected
Bromomethane	0.14	0.070 J	0.54	0.27 J
Chloroethane	0.14	Not Detected	0.37	Not Detected
Freon 11	0.14	0.23	0.78	1.3
Freon 113	0.14	0.31	1.1	2.4
1,1-Dichloroethene	0.14	Not Detected	0.55	Not Detected
Acetone	0.70	97 E	1.6	230 E
Carbon Disulfide	0.70	0.79	2.2	2.5
Methylene Chloride	0.28	Not Detected	0.96	Not Detected
Methyl tert-butyl ether	0.14	Not Detected	0.50	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.56	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	3.9	0.41	11
cis-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected
Chloroform	0.14	Not Detected	0.68	Not Detected
1,1,1-Trichloroethane	0.14	0.62	0.76	3.4
Carbon Tetrachloride	0.14	0.048 J	0.87	0.30 J
Benzene	0.14	2.2	0.44	7.1
1,2-Dichloroethane	0.14	Not Detected	0.56	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.64	Not Detected
Bromodichloromethane	0.14	Not Detected	0.93	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.63	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.57	Not Detected
Toluene	0.14	2.8	0.52	10
trans-1,3-Dichloropropene	0.14	Not Detected	0.63	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.76	Not Detected
Tetrachloroethene	0.14	2.2	0.94	15
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.64	Not Detected
Ethyl Benzene	0.14	0.43	0.60	1.8
m,p-Xylene	0.14	1.2	0.60	5.1
o-Xylene	0.14	0.28	0.60	1.2
Styrene	0.14	0.060 J	0.59	0.26 J
Bromoform	0.14	Not Detected	1.4	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.95	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.84	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1005-08

Lab ID#: 0801530-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020719	Date of Collection:	1/28/08
Dil. Factor:	1.39	Date of Analysis:	2/7/08 09:45 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.14	Not Detected	0.84	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.84	Not Detected
1,2,4-Trichlorobenzene	0.70	Not Detected	5.2	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1005-08

Lab ID#: 0801530-04B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020719sim	Date of Collection:	1/28/08
Dil. Factor:	1.39	Date of Analysis:	2/7/08 09:45 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.028	0.27	0.15	1.5

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1005-20

Lab ID#: 0801530-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020718	Date of Collection:	1/28/08
Dil. Factor:	1.44	Date of Analysis:	2/7/08 09:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.32	0.71	1.6
Chloromethane	0.14	0.17	0.30	0.34
Vinyl Chloride	0.14	Not Detected	0.37	Not Detected
Bromomethane	0.14	Not Detected	0.56	Not Detected
Chloroethane	0.14	Not Detected	0.38	Not Detected
Freon 11	0.14	0.29	0.81	1.6
Freon 113	0.14	0.39	1.1	3.0
1,1-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Acetone	0.72	210 E	1.7	490 E
Carbon Disulfide	0.72	1.5	2.2	4.6
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.14	Not Detected	0.52	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.58	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	18	0.42	53
cis-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Chloroform	0.14	0.35	0.70	1.7
1,1,1-Trichloroethane	0.14	2.1	0.78	11
Carbon Tetrachloride	0.14	Not Detected	0.91	Not Detected
Benzene	0.14	6.9	0.46	22
1,2-Dichloroethane	0.14	Not Detected	0.58	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.66	Not Detected
Bromodichloromethane	0.14	Not Detected	0.96	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
4-Methyl-2-pentanone	0.14	0.43	0.59	1.8
Toluene	0.14	9.9	0.54	37
trans-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Tetrachloroethene	0.14	8.7	0.98	59
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.66	Not Detected
Ethyl Benzene	0.14	1.5	0.62	6.4
m,p-Xylene	0.14	2.8	0.62	12
o-Xylene	0.14	0.73	0.62	3.2
Styrene	0.14	0.21	0.61	0.89
Bromoform	0.14	Not Detected	1.5	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.99	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1005-20

Lab ID#: 0801530-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020718	Date of Collection:	1/28/08
Dil. Factor:	1.44	Date of Analysis:	2/7/08 09:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2,4-Trichlorobenzene	0.72	Not Detected	5.3	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1005-20

Lab ID#: 0801530-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020718sim	Date of Collection: 1/28/08	
Dil. Factor:	1.44	Date of Analysis: 2/7/08 09:13 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.029	3.0	0.15	16

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1005-45

Lab ID#: 0801530-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020717	Date of Collection:	1/28/08
Dil. Factor:	1.46	Date of Analysis:	2/7/08 08:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.28	0.72	1.4
Chloromethane	0.15	0.089 J	0.30	0.18 J
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	0.41	0.82	2.3
Freon 113	0.15	2.0	1.1	15
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	310 E	1.7	740 E
Carbon Disulfide	0.73	0.73	2.3	2.3
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	12	0.43	37
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Chloroform	0.15	0.26	0.71	1.2
1,1,1-Trichloroethane	0.15	5.0	0.80	27
Carbon Tetrachloride	0.15	0.045 J	0.92	0.28 J
Benzene	0.15	2.6	0.47	8.4
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	8.1	0.55	30
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	8.8	0.99	60
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	1.1	0.63	4.7
m,p-Xylene	0.15	3.1	0.63	13
o-Xylene	0.15	0.59	0.63	2.6
Styrene	0.15	0.11 J	0.62	0.46 J
Bromoform	0.15	Not Detected	1.5	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1005-45

Lab ID#: 0801530-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020717	Date of Collection: 1/28/08	
Dil. Factor:	1.46	Date of Analysis: 2/7/08 08:42 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1005-45

Lab ID#: 0801530-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020717sim	Date of Collection:	1/28/08
Dil. Factor:	1.46	Date of Analysis:	2/7/08 08:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.029	13	0.16	71

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1006-07

Lab ID#: 0801530-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020720	Date of Collection:	1/29/08
Dil. Factor:	1.39	Date of Analysis:	2/7/08 10:36 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.33	0.69	1.6
Chloromethane	0.14	0.12 J	0.29	0.25 J
Vinyl Chloride	0.14	Not Detected	0.36	Not Detected
Bromomethane	0.14	Not Detected	0.54	Not Detected
Chloroethane	0.14	Not Detected	0.37	Not Detected
Freon 11	0.14	0.20	0.78	1.1
Freon 113	0.14	0.096 J	1.1	0.73 J
1,1-Dichloroethene	0.14	Not Detected	0.55	Not Detected
Acetone	0.70	45	1.6	110
Carbon Disulfide	0.70	1.0	2.2	3.2
Methylene Chloride	0.28	Not Detected	0.96	Not Detected
Methyl tert-butyl ether	0.14	Not Detected	0.50	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.56	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	8.8	0.41	26
cis-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected
Chloroform	0.14	0.49	0.68	2.4
1,1,1-Trichloroethane	0.14	0.065 J	0.76	0.35 J
Carbon Tetrachloride	0.14	6.6	0.87	41
Benzene	0.14	1.6	0.44	5.1
1,2-Dichloroethane	0.14	Not Detected	0.56	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.64	Not Detected
Bromodichloromethane	0.14	Not Detected	0.93	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.63	Not Detected
4-Methyl-2-pentanone	0.14	0.16	0.57	0.66
Toluene	0.14	2.3	0.52	8.8
trans-1,3-Dichloropropene	0.14	Not Detected	0.63	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.76	Not Detected
Tetrachloroethene	0.14	2.9	0.94	19
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.64	Not Detected
Ethyl Benzene	0.14	0.42	0.60	1.8
m,p-Xylene	0.14	1.1	0.60	5.0
o-Xylene	0.14	0.36	0.60	1.6
Styrene	0.14	0.11 J	0.59	0.46 J
Bromoform	0.14	Not Detected	1.4	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.95	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.84	Not Detected

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1006-07

Lab ID#: 0801530-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020720	Date of Collection:	1/29/08
Dil. Factor:	1.39	Date of Analysis:	2/7/08 10:36 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.14	Not Detected	0.84	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.84	Not Detected
1,2,4-Trichlorobenzene	0.70	Not Detected	5.2	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1006-07

Lab ID#: 0801530-08B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020720sim	Date of Collection:	1/29/08
Dil. Factor:	1.39	Date of Analysis:	2/7/08 10:36 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.028	0.22	0.15	1.2

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1006-20

Lab ID#: 0801530-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020722	Date of Collection:	1/28/08
Dil. Factor:	1.34	Date of Analysis:	2/8/08 08:26 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.13	0.28	0.66	1.4
Chloromethane	0.13	Not Detected	0.28	Not Detected
Vinyl Chloride	0.13	Not Detected	0.34	Not Detected
Bromomethane	0.13	Not Detected	0.52	Not Detected
Chloroethane	0.13	Not Detected	0.35	Not Detected
Freon 11	0.13	0.30	0.75	1.7
Freon 113	0.13	0.083 J	1.0	0.64 J
1,1-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Acetone	0.67	68 E	1.6	160 E
Carbon Disulfide	0.67	1.5	2.1	4.7
Methylene Chloride	0.27	Not Detected	0.93	Not Detected
Methyl tert-butyl ether	0.13	Not Detected	0.48	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
1,1-Dichloroethane	0.13	Not Detected	0.54	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.13	7.0	0.40	21
cis-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Chloroform	0.13	11	0.65	53
1,1,1-Trichloroethane	0.13	0.10 J	0.73	0.58 J
Carbon Tetrachloride	0.13	20	0.84	130
Benzene	0.13	2.2	0.43	7.2
1,2-Dichloroethane	0.13	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.13	Not Detected	0.62	Not Detected
Bromodichloromethane	0.13	Not Detected	0.90	Not Detected
cis-1,3-Dichloropropene	0.13	Not Detected	0.61	Not Detected
4-Methyl-2-pentanone	0.13	Not Detected	0.55	Not Detected
Toluene	0.13	4.8	0.50	18
trans-1,3-Dichloropropene	0.13	Not Detected	0.61	Not Detected
1,1,2-Trichloroethane	0.13	Not Detected	0.73	Not Detected
Tetrachloroethene	0.13	4.1	0.91	28
Dibromochloromethane	0.13	Not Detected	1.1	Not Detected
1,2-Dibromoethane (EDB)	0.13	Not Detected	1.0	Not Detected
Chlorobenzene	0.13	Not Detected	0.62	Not Detected
Ethyl Benzene	0.13	0.73	0.58	3.2
m,p-Xylene	0.13	1.9	0.58	8.4
o-Xylene	0.13	0.52	0.58	2.2
Styrene	0.13	0.17	0.57	0.74
Bromoform	0.13	Not Detected	1.4	Not Detected
1,1,2,2-Tetrachloroethane	0.13	Not Detected	0.92	Not Detected
1,3-Dichlorobenzene	0.13	Not Detected	0.80	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1006-20

Lab ID#: 0801530-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020722	Date of Collection:	1/28/08
Dil. Factor:	1.34	Date of Analysis:	2/8/08 08:26 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.13	Not Detected	0.80	Not Detected
1,2-Dichlorobenzene	0.13	Not Detected	0.80	Not Detected
1,2,4-Trichlorobenzene	0.67	Not Detected	5.0	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1006-20

Lab ID#: 0801530-06B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020722sim	Date of Collection:	1/28/08
Dil. Factor:	1.34	Date of Analysis:	2/8/08 08:26 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.027	0.36	0.14	2.0

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1006-45

Lab ID#: 0801530-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020721	Date of Collection:	1/28/08
Dil. Factor:	1.39	Date of Analysis:	2/8/08 07:38 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.24	0.69	1.2
Chloromethane	0.14	0.24	0.29	0.50
Vinyl Chloride	0.14	Not Detected	0.36	Not Detected
Bromomethane	0.14	Not Detected	0.54	Not Detected
Chloroethane	0.14	Not Detected	0.37	Not Detected
Freon 11	0.14	0.25	0.78	1.4
Freon 113	0.14	0.091 J	1.1	0.70 J
1,1-Dichloroethene	0.14	Not Detected	0.55	Not Detected
Acetone	0.70	240 E	1.6	570 E
Carbon Disulfide	0.70	0.76	2.2	2.4
Methylene Chloride	0.28	Not Detected	0.96	Not Detected
Methyl tert-butyl ether	0.14	Not Detected	0.50	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.56	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	17	0.41	50
cis-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected
Chloroform	0.14	5.7	0.68	28
1,1,1-Trichloroethane	0.14	0.17	0.76	0.95
Carbon Tetrachloride	0.14	16	0.87	99
Benzene	0.14	7.1	0.44	23
1,2-Dichloroethane	0.14	Not Detected	0.56	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.64	Not Detected
Bromodichloromethane	0.14	Not Detected	0.93	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.63	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.57	Not Detected
Toluene	0.14	10	0.52	40
trans-1,3-Dichloropropene	0.14	Not Detected	0.63	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.76	Not Detected
Tetrachloroethene	0.14	6.5	0.94	44
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.64	Not Detected
Ethyl Benzene	0.14	1.2	0.60	5.2
m,p-Xylene	0.14	3.1	0.60	14
o-Xylene	0.14	0.63	0.60	2.7
Styrene	0.14	0.13 J	0.59	0.54 J
Bromoform	0.14	Not Detected	1.4	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.95	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.84	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1006-45

Lab ID#: 0801530-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020721	Date of Collection:	1/28/08
Dil. Factor:	1.39	Date of Analysis:	2/8/08 07:38 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.14	Not Detected	0.84	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.84	Not Detected
1,2,4-Trichlorobenzene	0.70	Not Detected	5.2	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-SG1006-45

Lab ID#: 0801530-05B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020721sim	Date of Collection:	1/28/08
Dil. Factor:	1.39	Date of Analysis:	2/8/08 07:38 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.028	0.39	0.15	2.1

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVPM115-24

Lab ID#: 0801438C-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013118	Date of Collection:	1/23/08
Dil. Factor:	10.9	Date of Analysis:	1/31/08 09:05 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.4	Not Detected	27	Not Detected
Chloromethane	22	Not Detected	45	Not Detected
Vinyl Chloride	5.4	Not Detected	14	Not Detected
Bromomethane	5.4	Not Detected	21	Not Detected
Chloroethane	5.4	Not Detected	14	Not Detected
Freon 11	5.4	Not Detected	31	Not Detected
Freon 113	5.4	640	42	4900
1,1-Dichloroethene	5.4	Not Detected	22	Not Detected
Acetone	22	21 J	52	49 J
Carbon Disulfide	5.4	Not Detected	17	Not Detected
Methylene Chloride	5.4	Not Detected	19	Not Detected
Methyl tert-butyl ether	5.4	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.4	16	22	64
1,1-Dichloroethane	5.4	16	22	63
2-Butanone (Methyl Ethyl Ketone)	5.4	Not Detected	16	Not Detected
cis-1,2-Dichloroethene	5.4	220	22	860
Chloroform	5.4	Not Detected	27	Not Detected
1,1,1-Trichloroethane	5.4	440	30	2400
Carbon Tetrachloride	5.4	Not Detected	34	Not Detected
Benzene	5.4	Not Detected	17	Not Detected
1,2-Dichloroethane	5.4	Not Detected	22	Not Detected
Trichloroethene	5.4	1300	29	7200
1,2-Dichloropropane	5.4	Not Detected	25	Not Detected
Bromodichloromethane	5.4	Not Detected	36	Not Detected
cis-1,3-Dichloropropene	5.4	Not Detected	25	Not Detected
4-Methyl-2-pentanone	5.4	Not Detected	22	Not Detected
Toluene	5.4	6.0	20	23
trans-1,3-Dichloropropene	5.4	Not Detected	25	Not Detected
1,1,2-Trichloroethane	5.4	Not Detected	30	Not Detected
Tetrachloroethene	5.4	780	37	5300
Dibromochloromethane	5.4	Not Detected	46	Not Detected
1,2-Dibromoethane (EDB)	5.4	Not Detected	42	Not Detected
Chlorobenzene	5.4	Not Detected	25	Not Detected
Ethyl Benzene	5.4	Not Detected	24	Not Detected
m,p-Xylene	5.4	5.9	24	26
o-Xylene	5.4	2.8 J	24	12 J
Styrene	5.4	Not Detected	23	Not Detected
Bromoform	5.4	Not Detected	56	Not Detected
1,1,2,2-Tetrachloroethane	5.4	Not Detected	37	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVPM115-24

Lab ID#: 0801438C-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013118	Date of Collection:	1/23/08
Dil. Factor:	10.9	Date of Analysis:	1/31/08 09:05 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	5.4	Not Detected	33	Not Detected
1,4-Dichlorobenzene	5.4	Not Detected	33	Not Detected
1,2-Dichlorobenzene	5.4	Not Detected	33	Not Detected
1,2,4-Trichlorobenzene	22	Not Detected U J	160	Not Detected U J

J = Estimated value.
UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVPM11-49

Lab ID#: 0801438B-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012812	Date of Collection: 1/23/08	
Dil. Factor:	1.36	Date of Analysis: 1/29/08 06:39 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.36	0.67	1.8
Chloromethane	0.14	0.52	0.28	1.1
Vinyl Chloride	0.14	Not Detected	0.35	Not Detected
Bromomethane	0.14	Not Detected	0.53	Not Detected
Chloroethane	0.14	Not Detected	0.36	Not Detected
Freon 11	0.14	0.22	0.76	1.2
Freon 113	0.14	0.10 J	1.0	0.79 J
1,1-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Acetone	0.68	3.9	1.6	9.3
Carbon Disulfide	0.68	Not Detected	2.1	Not Detected
Methylene Chloride	0.27	0.14 J	0.94	0.49 J
Methyl tert-butyl ether	0.14	Not Detected	0.49	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.55	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	0.25	0.40	0.75
cis-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Chloroform	0.14	Not Detected	0.66	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.74	Not Detected
Carbon Tetrachloride	0.14	0.12 J	0.86	0.75 J
Benzene	0.14	0.31	0.43	1.0
1,2-Dichloroethane	0.14	Not Detected	0.55	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.63	Not Detected
Bromodichloromethane	0.14	Not Detected	0.91	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.56	Not Detected
Toluene	0.14	0.58	0.51	2.2
trans-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.74	Not Detected
Tetrachloroethene	0.14	0.067 J	0.92	0.46 J
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.0	Not Detected
Chlorobenzene	0.14	Not Detected	0.63	Not Detected
Ethyl Benzene	0.14	0.10 J	0.59	0.44 J
m,p-Xylene	0.14	0.27	0.59	1.2
o-Xylene	0.14	0.11 J	0.59	0.47 J
Styrene	0.14	0.020 J	0.58	0.085 J
Bromoform	0.14	Not Detected	1.4	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.93	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVPM11-49

Lab ID#: 0801438B-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012912	Date of Collection:	1/23/08
Dil. Factor:	1.36	Date of Analysis:	1/29/08 06:39 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
1,2,4-Trichlorobenzene	0.68	Not Detected	5.0	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	127	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVPM11-49

Lab ID#: 0801438B-11B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012912sim	Date of Collection:	1/23/08
Dil. Factor:	1.36	Date of Analysis:	1/29/08 06:39 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.027	0.054	0.15	0.29

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	89	70-130
4-Bromofluorobenzene	124	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVPM125-25

Lab ID#: 0801438C-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013117	Date of Collection:	1/23/08
Dil. Factor:	136	Date of Analysis:	1/31/08 08:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	68	Not Detected	340	Not Detected
Chloromethane	270	Not Detected	560	Not Detected
Vinyl Chloride	68	Not Detected	170	Not Detected
Bromomethane	68	Not Detected	260	Not Detected
Chloroethane	68	Not Detected	180	Not Detected
Freon 11	68	Not Detected	380	Not Detected
Freon 113	68	Not Detected	520	Not Detected
1,1-Dichloroethene	68	430	270	1700
Acetone	270	130 J	650	320 J
Carbon Disulfide	68	Not Detected	210	Not Detected
Methylene Chloride	68	Not Detected	240	Not Detected
Methyl tert-butyl ether	68	Not Detected	240	Not Detected
trans-1,2-Dichloroethene	68	Not Detected	270	Not Detected
1,1-Dichloroethane	68	180	280	710
2-Butanone (Methyl Ethyl Ketone)	68	Not Detected	200	Not Detected
cis-1,2-Dichloroethene	68	49 J	270	200 J
Chloroform	68	Not Detected	330	Not Detected
1,1,1-Trichloroethane	68	6500	370	36000
Carbon Tetrachloride	68	Not Detected	430	Not Detected
Benzene	68	Not Detected	220	Not Detected
1,2-Dichloroethane	68	Not Detected	280	Not Detected
Trichloroethene	68	14000	360	73000
1,2-Dichloropropane	68	Not Detected	310	Not Detected
Bromodichloromethane	68	Not Detected	460	Not Detected
cis-1,3-Dichloropropene	68	Not Detected	310	Not Detected
4-Methyl-2-pentanone	68	Not Detected	280	Not Detected
Toluene	68	Not Detected	260	Not Detected
trans-1,3-Dichloropropene	68	Not Detected	310	Not Detected
1,1,2-Trichloroethane	68	Not Detected	370	Not Detected
Tetrachloroethene	68	64 J	460	440 J
Dibromochloromethane	68	Not Detected	580	Not Detected
1,2-Dibromoethane (EDB)	68	Not Detected	520	Not Detected
Chlorobenzene	68	Not Detected	310	Not Detected
Ethyl Benzene	68	Not Detected	300	Not Detected
m,p-Xylene	68	Not Detected	300	Not Detected
o-Xylene	68	Not Detected	300	Not Detected
Styrene	68	Not Detected	290	Not Detected
Bromoform	68	Not Detected	700	Not Detected
1,1,2,2-Tetrachloroethane	68	Not Detected	470	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVPM125-25

Lab ID#: 0801438C-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013117	Date of Collection:	1/23/08
Dil. Factor:	136	Date of Analysis:	1/31/08 08:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	68	Not Detected	410	Not Detected
1,4-Dichlorobenzene	68	Not Detected	410	Not Detected
1,2-Dichlorobenzene	68	Not Detected	410	Not Detected
1,2,4-Trichlorobenzene	270	Not Detected U J	2000	Not Detected U J

J = Estimated value.
UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVPM12-50

Lab ID#: 0801438C-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013112	Date of Collection:	1/23/08
Dil. Factor:	268	Date of Analysis:	1/31/08 05:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	130	Not Detected	660	Not Detected
Chloromethane	540	Not Detected	1100	Not Detected
Vinyl Chloride	130	Not Detected	340	Not Detected
Bromomethane	130	Not Detected	520	Not Detected
Chloroethane	130	Not Detected	350	Not Detected
Freon 11	130	Not Detected	750	Not Detected
Freon 113	130	Not Detected	1000	Not Detected
1,1-Dichloroethene	130	1200	530	4700
Acetone	540	210 J	1300	500 J
Carbon Disulfide	130	Not Detected	420	Not Detected
Methylene Chloride	130	Not Detected	460	Not Detected
Methyl tert-butyl ether	130	Not Detected	480	Not Detected
trans-1,2-Dichloroethene	130	Not Detected	530	Not Detected
1,1-Dichloroethane	130	340	540	1400
2-Butanone (Methyl Ethyl Ketone)	130	Not Detected	400	Not Detected
cis-1,2-Dichloroethene	130	200	530	780
Chloroform	130	Not Detected	650	Not Detected
1,1,1-Trichloroethane	130	14000	730	75000
Carbon Tetrachloride	130	Not Detected	840	Not Detected
Benzene	130	Not Detected	430	Not Detected
1,2-Dichloroethane	130	Not Detected	540	Not Detected
Trichloroethene	130	28000	720	150000
1,2-Dichloropropane	130	Not Detected	620	Not Detected
Bromodichloromethane	130	Not Detected	900	Not Detected
cis-1,3-Dichloropropene	130	Not Detected	610	Not Detected
4-Methyl-2-pentanone	130	Not Detected	550	Not Detected
Toluene	130	Not Detected	500	Not Detected
trans-1,3-Dichloropropene	130	Not Detected	610	Not Detected
1,1,2-Trichloroethane	130	Not Detected	730	Not Detected
Tetrachloroethene	130	79 J	910	540 J
Dibromochloromethane	130	Not Detected	1100	Not Detected
1,2-Dibromoethane (EDB)	130	Not Detected	1000	Not Detected
Chlorobenzene	130	Not Detected	620	Not Detected
Ethyl Benzene	130	Not Detected	580	Not Detected
m,p-Xylene	130	Not Detected	580	Not Detected
o-Xylene	130	Not Detected	580	Not Detected
Styrene	130	Not Detected	570	Not Detected
Bromoform	130	Not Detected	1400	Not Detected
1,1,2,2-Tetrachloroethane	130	Not Detected	920	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVPM12-50

Lab ID#: 0801438C-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013112	Date of Collection:	1/23/08
Dil. Factor:	268	Date of Analysis:	1/31/08 05:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	130	Not Detected	800	Not Detected
1,4-Dichlorobenzene	130	Not Detected	800	Not Detected
1,2-Dichlorobenzene	130	Not Detected	800	Not Detected
1,2,4-Trichlorobenzene	540	Not Detected U J	4000	Not Detected U J

J = Estimated value.
UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801481B-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020704a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 10:49 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.50	0.22 J	1.7	0.76 J
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	0.17 J	2.0	0.68 J
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801481B-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5020704a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/7/08 10:49 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	0.50	0.15 J	3.0	0.88 J
1,4-Dichlorobenzene	0.50	0.14 J	3.0	0.85 J
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	0.44 J	15	3.3 J

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801481B-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020702	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:24 AM	

Compound	%Recovery
Freon 12	92
Chloromethane	95
Vinyl Chloride	100
Bromomethane	102
Chloroethane	87
Freon 11	108
Freon 113	104
1,1-Dichloroethene	102
Acetone	90
Carbon Disulfide	103
Methylene Chloride	100
Methyl tert-butyl ether	77
trans-1,2-Dichloroethene	100
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	84
cis-1,2-Dichloroethene	93
Chloroform	84
1,1,1-Trichloroethane	95
Carbon Tetrachloride	99
Benzene	87
1,2-Dichloroethane	105
Trichloroethene	96
1,2-Dichloropropane	91
Bromodichloromethane	99
cis-1,3-Dichloropropene	92
4-Methyl-2-pentanone	77
Toluene	89
trans-1,3-Dichloropropene	108
1,1,2-Trichloroethane	96
Tetrachloroethene	99
Dibromochloromethane	105
1,2-Dibromoethane (EDB)	93
Chlorobenzene	97
Ethyl Benzene	93
m,p-Xylene	96
o-Xylene	92
Styrene	86
Bromoform	103
1,1,2,2-Tetrachloroethane	91

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801481B-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020702	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:24 AM	

Compound	%Recovery
1,3-Dichlorobenzene	94
1,4-Dichlorobenzene	97
1,2-Dichlorobenzene	92
1,2,4-Trichlorobenzene	92

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801481B-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020703	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:52 AM	

Compound	%Recovery
Freon 12	94
Chloromethane	90
Vinyl Chloride	94
Bromomethane	99
Chloroethane	80
Freon 11	101
Freon 113	110
1,1-Dichloroethene	106
Acetone	89
Carbon Disulfide	97
Methylene Chloride	101
Methyl tert-butyl ether	73
trans-1,2-Dichloroethene	92
1,1-Dichloroethane	93
2-Butanone (Methyl Ethyl Ketone)	79
cis-1,2-Dichloroethene	92
Chloroform	82
1,1,1-Trichloroethane	92
Carbon Tetrachloride	96
Benzene	82
1,2-Dichloroethane	99
Trichloroethene	90
1,2-Dichloropropane	85
Bromodichloromethane	94
cis-1,3-Dichloropropene	89
4-Methyl-2-pentanone	73
Toluene	90
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	92
Tetrachloroethene	98
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	88
Chlorobenzene	96
Ethyl Benzene	89
m,p-Xylene	90
o-Xylene	90
Styrene	86
Bromoform	103
1,1,2,2-Tetrachloroethane	91

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801481B-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5020703	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:52 AM	

Compound	%Recovery
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	96
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	91

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1003-00

Lab ID#: 0801481-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020424	Date of Collection:	1/24/08
Dil. Factor:	1.58	Date of Analysis:	2/5/08 04:23 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.38	0.78	1.9
Chloromethane	0.16	0.64	0.33	1.3
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
Bromomethane	0.16	Not Detected	0.61	Not Detected
Chloroethane	0.16	Not Detected	0.42	Not Detected
Freon 11	0.16	0.18	0.89	1.0
Freon 113	0.16	0.13 J	1.2	1.0 J
1,1-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Acetone	0.79	4.4	1.9	10
Carbon Disulfide	0.79	Not Detected	2.5	Not Detected
Methylene Chloride	0.32	0.12 J	1.1	0.42 J
Methyl tert-butyl ether	0.16	Not Detected	0.57	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.64	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	0.49	0.46	1.4
cis-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Chloroform	0.16	Not Detected	0.77	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Carbon Tetrachloride	0.16	Not Detected	0.99	Not Detected
Benzene	0.16	0.26	0.50	0.84
1,2-Dichloroethane	0.16	Not Detected	0.64	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.73	Not Detected
Bromodichloromethane	0.16	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.65	Not Detected
Toluene	0.16	0.23	0.60	0.86
trans-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected
Dibromochloromethane	0.16	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.73	Not Detected
Ethyl Benzene	0.16	Not Detected	0.69	Not Detected
m,p-Xylene	0.16	0.090 J	0.69	0.39 J
o-Xylene	0.16	0.028 J	0.69	0.12 J
Styrene	0.16	Not Detected	0.67	Not Detected
Bromoform	0.16	Not Detected	1.6	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1003-00

Lab ID#: 0801481-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020424	Date of Collection:	1/24/08
Dil. Factor:	1.58	Date of Analysis:	2/5/08 04:23 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,2,4-Trichlorobenzene	0.79	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1003-00

Lab ID#: 0801481-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020424sim	Date of Collection:	1/24/08
Dil. Factor:	1.58	Date of Analysis:	2/5/08 04:23 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.032	0.0086 J	0.17	0.046 J

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1004-00

Lab ID#: 0801481-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020521	Date of Collection:	1/25/08
Dil. Factor:	2.98	Date of Analysis:	2/6/08 05:28 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.30	0.36	1.5	1.8
Chloromethane	0.30	0.71	0.62	1.5
Vinyl Chloride	0.30	Not Detected	0.76	Not Detected
Bromomethane	0.30	Not Detected	1.2	Not Detected
Chloroethane	0.30	Not Detected	0.79	Not Detected
Freon 11	0.30	0.23 J	1.7	1.3 J
Freon 113	0.30	0.12 J	2.3	0.94 J
1,1-Dichloroethene	0.30	Not Detected	1.2	Not Detected
Acetone	1.5	4.7	3.5	11
Carbon Disulfide	1.5	Not Detected	4.6	Not Detected
Methylene Chloride	0.60	Not Detected	2.1	Not Detected
Methyl tert-butyl ether	0.30	Not Detected	1.1	Not Detected
trans-1,2-Dichloroethene	0.30	Not Detected	1.2	Not Detected
1,1-Dichloroethane	0.30	Not Detected	1.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.30	0.55	0.88	1.6
cis-1,2-Dichloroethene	0.30	Not Detected	1.2	Not Detected
Chloroform	0.30	Not Detected	1.4	Not Detected
1,1,1-Trichloroethane	0.30	Not Detected	1.6	Not Detected
Carbon Tetrachloride	0.30	Not Detected	1.9	Not Detected
Benzene	0.30	0.24 J	0.95	0.78 J
1,2-Dichloroethane	0.30	Not Detected	1.2	Not Detected
1,2-Dichloropropane	0.30	Not Detected	1.4	Not Detected
Bromodichloromethane	0.30	Not Detected	2.0	Not Detected
cis-1,3-Dichloropropene	0.30	Not Detected	1.4	Not Detected
4-Methyl-2-pentanone	0.30	Not Detected	1.2	Not Detected
Toluene	0.30	0.30	1.1	1.1
trans-1,3-Dichloropropene	0.30	Not Detected	1.4	Not Detected
1,1,2-Trichloroethane	0.30	Not Detected	1.6	Not Detected
Tetrachloroethene	0.30	Not Detected	2.0	Not Detected
Dibromochloromethane	0.30	Not Detected	2.5	Not Detected
1,2-Dibromoethane (EDB)	0.30	Not Detected	2.3	Not Detected
Chlorobenzene	0.30	Not Detected	1.4	Not Detected
Ethyl Benzene	0.30	Not Detected	1.3	Not Detected
m,p-Xylene	0.30	0.099 J	1.3	0.43 J
o-Xylene	0.30	0.035 J	1.3	0.15 J
Styrene	0.30	Not Detected	1.3	Not Detected
Bromoform	0.30	Not Detected	3.1	Not Detected
1,1,2,2-Tetrachloroethane	0.30	Not Detected	2.0	Not Detected
1,3-Dichlorobenzene	0.30	Not Detected	1.8	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1004-00

Lab ID#: 0801481-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020521	Date of Collection:	1/25/08
Dil. Factor:	2.98	Date of Analysis:	2/6/08 05:28 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.30	Not Detected	1.8	Not Detected
1,2-Dichlorobenzene	0.30	Not Detected	1.8	Not Detected
1,2,4-Trichlorobenzene	1.5	Not Detected	11	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	112	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1004-00

Lab ID#: 0801481-08B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020521sim	Date of Collection:	1/25/08
Dil. Factor:	2.98	Date of Analysis:	2/6/08 05:28 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.060	0.015 J	0.32	0.080 J

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	121	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801481-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020405a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/4/08 12:21 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	0.26 J	1.2	0.61 J
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	0.042 J	0.69	0.14 J
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	0.046 J	0.41	0.19 J
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	0.014 J	0.42	0.060 J
Bromoform	0.10	Not Detected	1.0	Not Detected
1,1,2,2-Tetrachloroethane	0.10	0.019 J	0.69	0.13 J
1,3-Dichlorobenzene	0.10	0.037 J	0.60	0.22 J

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801481-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020405a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/4/08 12:21 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	0.23 J	3.7	1.7 J

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801481-09B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020405sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/4/08 12:21 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.020	0.0045 J	0.11	0.024 J

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	80	70-130
4-Bromofluorobenzene	116	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801481-09C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020507a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/5/08 02:57 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	0.10 J	1.2	0.24 J
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801481-09C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020507a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/5/08 02:57 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	108	70-130

Client Sample ID: Lab Blank

Lab ID#: 0801481-09D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020507asim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/5/08 02:57 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.020	Not Detected	0.11	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	82	70-130
4-Bromofluorobenzene	117	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801481-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020402	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/4/08 10:28 AM	

Compound	%Recovery
Freon 12	92
Chloromethane	110
Vinyl Chloride	91
Bromomethane	88
Chloroethane	103
Freon 11	92
Freon 113	92
1,1-Dichloroethene	84
Acetone	125
Carbon Disulfide	90
Methylene Chloride	80
Methyl tert-butyl ether	80
trans-1,2-Dichloroethene	83
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	89
cis-1,2-Dichloroethene	91
Chloroform	102
1,1,1-Trichloroethane	99
Carbon Tetrachloride	78
Benzene	94
1,2-Dichloroethane	112
1,2-Dichloropropane	95
Bromodichloromethane	93
cis-1,3-Dichloropropene	88
4-Methyl-2-pentanone	134 Q
Toluene	93
trans-1,3-Dichloropropene	86
1,1,2-Trichloroethane	90
Tetrachloroethene	94
Dibromochloromethane	94
1,2-Dibromoethane (EDB)	92
Chlorobenzene	97
Ethyl Benzene	97
m,p-Xylene	99
o-Xylene	103
Styrene	99
Bromoform	99
1,1,2,2-Tetrachloroethane	98
1,3-Dichlorobenzene	110

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801481-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020402	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/4/08 10:28 AM	

Compound	%Recovery
1,4-Dichlorobenzene	109
1,2-Dichlorobenzene	109
1,2,4-Trichlorobenzene	92

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801481-10B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020402sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/4/08 10:28 AM	

Compound	%Recovery
Trichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	119	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801481-10C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020502	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/5/08 10:54 AM	

Compound	%Recovery
Freon 12	95
Chloromethane	112
Vinyl Chloride	92
Bromomethane	97
Chloroethane	106
Freon 11	94
Freon 113	91
1,1-Dichloroethene	86
Acetone	101
Carbon Disulfide	91
Methylene Chloride	81
Methyl tert-butyl ether	80
trans-1,2-Dichloroethene	82
1,1-Dichloroethane	100
2-Butanone (Methyl Ethyl Ketone)	85
cis-1,2-Dichloroethene	94
Chloroform	104
1,1,1-Trichloroethane	102
Carbon Tetrachloride	80
Benzene	92
1,2-Dichloroethane	115
1,2-Dichloropropane	94
Bromodichloromethane	92
cis-1,3-Dichloropropene	88
4-Methyl-2-pentanone	130
Toluene	94
trans-1,3-Dichloropropene	81
1,1,2-Trichloroethane	88
Tetrachloroethene	93
Dibromochloromethane	93
1,2-Dibromoethane (EDB)	92
Chlorobenzene	96
Ethyl Benzene	94
m,p-Xylene	96
o-Xylene	97
Styrene	97
Bromoform	94
1,1,2,2-Tetrachloroethane	95
1,3-Dichlorobenzene	108

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801481-10C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020502	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/5/08 10:54 AM	

Compound	%Recovery
1,4-Dichlorobenzene	106
1,2-Dichlorobenzene	110
1,2,4-Trichlorobenzene	101

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801481-10D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020502sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/5/08 10:54 AM	

Compound	%Recovery
Trichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	117	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801481-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020403	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/4/08 11:10 AM	

Compound	%Recovery
Freon 12	88
Chloromethane	126
Vinyl Chloride	89
Bromomethane	83
Chloroethane	100
Freon 11	92
Freon 113	100
1,1-Dichloroethene	95
Acetone	101
Carbon Disulfide	89
Methylene Chloride	86
Methyl tert-butyl ether	86
trans-1,2-Dichloroethene	82
1,1-Dichloroethane	105
2-Butanone (Methyl Ethyl Ketone)	84
cis-1,2-Dichloroethene	94
Chloroform	106
1,1,1-Trichloroethane	103
Carbon Tetrachloride	106
Benzene	92
1,2-Dichloroethane	118
1,2-Dichloropropane	94
Bromodichloromethane	94
cis-1,3-Dichloropropene	87
4-Methyl-2-pentanone	128
Toluene	97
trans-1,3-Dichloropropene	91
1,1,2-Trichloroethane	95
Tetrachloroethene	100
Dibromochloromethane	100
1,2-Dibromoethane (EDB)	95
Chlorobenzene	100
Ethyl Benzene	101
m,p-Xylene	103
o-Xylene	105
Styrene	102
Bromoform	103
1,1,2,2-Tetrachloroethane	96
1,3-Dichlorobenzene	111

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801481-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020403	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/4/08 11:10 AM	

Compound	%Recovery
1,4-Dichlorobenzene	110
1,2-Dichlorobenzene	109
1,2,4-Trichlorobenzene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801481-11B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020403sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/4/08 11:10 AM	

Compound	%Recovery
Trichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801481-11C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020503	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/5/08 11:24 AM	

Compound	%Recovery
Freon 12	99
Chloromethane	118
Vinyl Chloride	95
Bromomethane	104
Chloroethane	110
Freon 11	102
Freon 113	107
1,1-Dichloroethene	101
Acetone	133
Carbon Disulfide	96
Methylene Chloride	94
Methyl tert-butyl ether	94
trans-1,2-Dichloroethene	90
1,1-Dichloroethane	112
2-Butanone (Methyl Ethyl Ketone)	93
cis-1,2-Dichloroethene	100
Chloroform	112
1,1,1-Trichloroethane	112
Carbon Tetrachloride	118
Benzene	94
1,2-Dichloroethane	123
1,2-Dichloropropane	101
Bromodichloromethane	99
cis-1,3-Dichloropropene	92
4-Methyl-2-pentanone	134
Toluene	103
trans-1,3-Dichloropropene	82
1,1,2-Trichloroethane	88
Tetrachloroethene	93
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	89
Chlorobenzene	96
Ethyl Benzene	95
m,p-Xylene	97
o-Xylene	102
Styrene	97
Bromoform	100
1,1,2,2-Tetrachloroethane	99
1,3-Dichlorobenzene	108

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801481-11C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020503	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/5/08 11:24 AM	

Compound	%Recovery
1,4-Dichlorobenzene	104
1,2-Dichlorobenzene	107
1,2,4-Trichlorobenzene	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	127	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801481-11D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s020503sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/5/08 11:24 AM	

Compound	%Recovery
Trichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	88	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1001-00

Lab ID#: 0801438A-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012815	Date of Collection:	1/22/08
Dil. Factor:	1.58	Date of Analysis:	1/28/08 08:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.38	0.78	1.9
Chloromethane	0.16	0.51	0.33	1.0
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
Bromomethane	0.16	Not Detected	0.61	Not Detected
Chloroethane	0.16	Not Detected	0.42	Not Detected
Freon 11	0.16	0.27	0.89	1.5
Freon 113	0.16	0.092 J	1.2	0.70 J
1,1-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Acetone	0.79	1.7	1.9	4.0
Carbon Disulfide	0.79	Not Detected	2.5	Not Detected
Methylene Chloride	0.32	0.13 J	1.1	0.46 J
Methyl tert-butyl ether	0.16	Not Detected	0.57	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.64	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	0.38	0.46	1.1
cis-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Chloroform	0.16	Not Detected	0.77	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Carbon Tetrachloride	0.16	0.13 J	0.99	0.82 J
Benzene	0.16	0.27	0.50	0.85
1,2-Dichloroethane	0.16	Not Detected	0.64	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.73	Not Detected
Bromodichloromethane	0.16	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.65	Not Detected
Toluene	0.16	0.38	0.60	1.4
trans-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Tetrachloroethene	0.16	0.059 J	1.1	0.40 J
Dibromochloromethane	0.16	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.73	Not Detected
Ethyl Benzene	0.16	Not Detected	0.69	Not Detected
m,p-Xylene	0.16	0.13 J	0.69	0.58 J
o-Xylene	0.16	0.048 J	0.69	0.21 J
Styrene	0.16	Not Detected	0.67	Not Detected
Bromoform	0.16	Not Detected	1.6	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1001-00

Lab ID#: 0801438A-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012815	Date of Collection:	1/22/08
Dil. Factor:	1.58	Date of Analysis:	1/28/08 08:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,2,4-Trichlorobenzene	0.79	Not Detected	5.9	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1001-00

Lab ID#: 0801438A-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012815sim	Date of Collection:	1/22/08
Dil. Factor:	1.58	Date of Analysis:	1/28/08 08:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.032	0.016 J	0.17	0.085 J

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	88	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1002-00

Lab ID#: 0801438A-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012909	Date of Collection: 1/23/08
Dil. Factor:	1.49	Date of Analysis: 1/29/08 04:55 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.34	0.74	1.7
Chloromethane	0.15	0.47	0.31	0.98
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	0.23	0.84	1.3
Freon 113	0.15	0.10 J	1.1	0.80 J
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	2.5	1.8	5.9
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	0.088 J	1.0	0.30 J
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.48	0.44	1.4
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Carbon Tetrachloride	0.15	0.092 J	0.94	0.58 J
Benzene	0.15	0.25	0.48	0.80
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	0.32	0.56	1.2
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	0.076 J	1.0	0.51 J
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	0.042 J	0.65	0.18 J
m,p-Xylene	0.15	0.11 J	0.65	0.50 J
o-Xylene	0.15	0.043 J	0.65	0.18 J
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1002-00

Lab ID#: 0801438A-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012909	Date of Collection:	1/23/08
Dil. Factor:	1.49	Date of Analysis:	1/29/08 04:55 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	123	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1002-00

Lab ID#: 0801438A-08B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012909sim	Date of Collection:	1/23/08
Dil. Factor:	1.49	Date of Analysis:	1/29/08 04:55 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.030	0.020 J	0.16	0.11 J

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438A-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012807a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/28/08 01:35 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	0.070 J	1.2	0.16 J
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438A-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012807a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/28/08 01:35 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	121	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438A-10B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012807sima	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/28/08 01:35 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.020	Not Detected	0.11	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	82	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438A-10C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012905a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 02:11 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	0.19 J	1.2	0.44 J
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	0.036 J	0.69	0.12 J
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	0.026 J	0.41	0.10 J
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	0.017 J	0.42	0.074 J
Bromoform	0.10	Not Detected	1.0	Not Detected
1,1,2,2-Tetrachloroethane	0.10	0.030 J	0.69	0.21 J
1,3-Dichlorobenzene	0.10	0.047 J	0.60	0.28 J

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438A-10C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012905a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 02:11 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.10	0.064 J	0.60	0.38 J
1,2-Dichlorobenzene	0.10	0.065 J	0.60	0.39 J
1,2,4-Trichlorobenzene	0.50	0.34 J	3.7	2.5 J

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438A-10D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012905sima	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 02:11 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.020	0.0035 J	0.11	0.019 J

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	82	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438A-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012802	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/28/08 08:55 AM	

Compound	%Recovery
Freon 12	87
Chloromethane	102
Vinyl Chloride	81
Bromomethane	97
Chloroethane	94
Freon 11	85
Freon 113	94
1,1-Dichloroethene	78
Acetone	98
Carbon Disulfide	80
Methylene Chloride	70
Methyl tert-butyl ether	71
trans-1,2-Dichloroethene	79
1,1-Dichloroethane	83
2-Butanone (Methyl Ethyl Ketone)	76
cis-1,2-Dichloroethene	87
Chloroform	92
1,1,1-Trichloroethane	88
Carbon Tetrachloride	91
Benzene	83
1,2-Dichloroethane	92
1,2-Dichloropropane	83
Bromodichloromethane	82
cis-1,3-Dichloropropene	80
4-Methyl-2-pentanone	96
Toluene	87
trans-1,3-Dichloropropene	76
1,1,2-Trichloroethane	81
Tetrachloroethene	98
Dibromochloromethane	91
1,2-Dibromoethane (EDB)	86
Chlorobenzene	92
Ethyl Benzene	89
m,p-Xylene	92
o-Xylene	93
Styrene	93
Bromoform	105
1,1,2,2-Tetrachloroethane	88
1,3-Dichlorobenzene	104

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438A-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012802	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/28/08 08:55 AM	

Compound	%Recovery
1,4-Dichlorobenzene	104
1,2-Dichlorobenzene	103
1,2,4-Trichlorobenzene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	119	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438A-11B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012802sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/28/08 08:55 AM	

Compound	%Recovery
Trichloroethene	94

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	116	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438A-11C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012902	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 11:38 AM	

Compound	%Recovery
Freon 12	95
Chloromethane	101
Vinyl Chloride	94
Bromomethane	91
Chloroethane	90
Freon 11	109
Freon 113	109
1,1-Dichloroethene	89
Acetone	98
Carbon Disulfide	91
Methylene Chloride	82
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	88
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	103
cis-1,2-Dichloroethene	97
Chloroform	107
1,1,1-Trichloroethane	105
Carbon Tetrachloride	90
Benzene	96
1,2-Dichloroethane	111
1,2-Dichloropropane	96
Bromodichloromethane	98
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	133 Q
Toluene	100
trans-1,3-Dichloropropene	91
1,1,2-Trichloroethane	96
Tetrachloroethene	113
Dibromochloromethane	106
1,2-Dibromoethane (EDB)	102
Chlorobenzene	106
Ethyl Benzene	104
m,p-Xylene	106
o-Xylene	109
Styrene	109
Bromoform	128
1,1,2,2-Tetrachloroethane	108
1,3-Dichlorobenzene	129

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438A-11C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012902	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 11:38 AM	

Compound	%Recovery
1,4-Dichlorobenzene	128
1,2-Dichlorobenzene	130
1,2,4-Trichlorobenzene	122

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	122	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438A-11D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012902sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 11:38 AM	

Compound	%Recovery
Trichloroethene	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	122	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438A-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012803	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/28/08 10:17 AM	

Compound	%Recovery
Freon 12	90
Chloromethane	113
Vinyl Chloride	90
Bromomethane	105
Chloroethane	106
Freon 11	98
Freon 113	116
1,1-Dichloroethene	101
Acetone	98
Carbon Disulfide	94
Methylene Chloride	90
Methyl tert-butyl ether	83
trans-1,2-Dichloroethene	92
1,1-Dichloroethane	106
2-Butanone (Methyl Ethyl Ketone)	90
cis-1,2-Dichloroethene	102
Chloroform	111
1,1,1-Trichloroethane	107
Carbon Tetrachloride	113
Benzene	99
1,2-Dichloroethane	114
1,2-Dichloropropane	98
Bromodichloromethane	101
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	126
Toluene	108
trans-1,3-Dichloropropene	90
1,1,2-Trichloroethane	95
Tetrachloroethene	114
Dibromochloromethane	107
1,2-Dibromoethane (EDB)	100
Chlorobenzene	107
Ethyl Benzene	106
m,p-Xylene	108
o-Xylene	112
Styrene	109
Bromoform	130
1,1,2,2-Tetrachloroethane	108
1,3-Dichlorobenzene	129

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438A-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012803	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/28/08 10:17 AM	

Compound	%Recovery
1,4-Dichlorobenzene	127
1,2-Dichlorobenzene	128
1,2,4-Trichlorobenzene	153 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438A-12B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012803sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/28/08 10:17 AM	

Compound	%Recovery
Trichloroethene	111

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438A-12C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012903	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 12:09 PM	

Compound	%Recovery
Freon 12	100
Chloromethane	104
Vinyl Chloride	96
Bromomethane	110
Chloroethane	114
Freon 11	106
Freon 113	121
1,1-Dichloroethene	110
Acetone	106
Carbon Disulfide	101
Methylene Chloride	95
Methyl tert-butyl ether	85
trans-1,2-Dichloroethene	94
1,1-Dichloroethane	104
2-Butanone (Methyl Ethyl Ketone)	84
cis-1,2-Dichloroethene	92
Chloroform	94
1,1,1-Trichloroethane	98
Carbon Tetrachloride	104
Benzene	88
1,2-Dichloroethane	99
1,2-Dichloropropane	93
Bromodichloromethane	95
cis-1,3-Dichloropropene	92
4-Methyl-2-pentanone	124
Toluene	106
trans-1,3-Dichloropropene	84
1,1,2-Trichloroethane	89
Tetrachloroethene	107
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	93
Chlorobenzene	103
Ethyl Benzene	100
m,p-Xylene	103
o-Xylene	109
Styrene	105
Bromoform	125
1,1,2,2-Tetrachloroethane	104
1,3-Dichlorobenzene	128

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438A-12C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012903	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 12:09 PM	

Compound	%Recovery
1,4-Dichlorobenzene	126
1,2-Dichlorobenzene	127
1,2,4-Trichlorobenzene	147 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438A-12D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012903sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 12:09 PM	

Compound	%Recovery
Trichloroethene	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1005-00

Lab ID#: 0801530-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020716	Date of Collection:	1/28/08
Dil. Factor:	1.44	Date of Analysis:	2/7/08 08:08 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.53	0.71	2.6
Chloromethane	0.14	0.64	0.30	1.3
Vinyl Chloride	0.14	Not Detected	0.37	Not Detected
Bromomethane	0.14	Not Detected	0.56	Not Detected
Chloroethane	0.14	Not Detected	0.38	Not Detected
Freon 11	0.14	0.31	0.81	1.7
Freon 113	0.14	0.10 J	1.1	0.77 J
1,1-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Acetone	0.72	3.6	1.7	8.6
Carbon Disulfide	0.72	Not Detected	2.2	Not Detected
Methylene Chloride	0.29	0.12 J	1.0	0.42 J
Methyl tert-butyl ether	0.14	Not Detected	0.52	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.58	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	0.36	0.42	1.1
cis-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Chloroform	0.14	Not Detected	0.70	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Carbon Tetrachloride	0.14	0.086 J	0.91	0.54 J
Benzene	0.14	0.21	0.46	0.68
1,2-Dichloroethane	0.14	Not Detected	0.58	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.66	Not Detected
Bromodichloromethane	0.14	Not Detected	0.96	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.59	Not Detected
Toluene	0.14	0.21	0.54	0.79
trans-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Tetrachloroethene	0.14	Not Detected	0.98	Not Detected
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.66	Not Detected
Ethyl Benzene	0.14	Not Detected	0.62	Not Detected
m,p-Xylene	0.14	0.049 J	0.62	0.21 J
o-Xylene	0.14	Not Detected	0.62	Not Detected
Styrene	0.14	Not Detected	0.61	Not Detected
Bromoform	0.14	Not Detected	1.5	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.99	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1005-00

Lab ID#: 0801530-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020716	Date of Collection:	1/28/08
Dil. Factor:	1.44	Date of Analysis:	2/7/08 08:08 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2,4-Trichlorobenzene	0.72	Not Detected	5.3	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	90	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1005-00

Lab ID#: 0801530-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020716sim	Date of Collection: 1/28/08	
Dil. Factor:	1.44	Date of Analysis: 2/7/08 08:08 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.029	0.0073 J	0.15	0.039 J

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	92	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1006-00

Lab ID#: 0801530-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020806	Date of Collection:	1/29/08
Dil. Factor:	6.19	Date of Analysis:	2/8/08 12:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.62	0.49 J	3.1	2.4 J
Chloromethane	0.62	0.46 J	1.3	0.94 J
Vinyl Chloride	0.62	Not Detected	1.6	Not Detected
Bromomethane	0.62	Not Detected	2.4	Not Detected
Chloroethane	0.62	Not Detected	1.6	Not Detected
Freon 11	0.62	0.25 J	3.5	1.4 J
Freon 113	0.62	Not Detected	4.7	Not Detected
1,1-Dichloroethene	0.62	Not Detected	2.4	Not Detected
Acetone	3.1	1.1 J	7.4	2.6 J
Carbon Disulfide	3.1	Not Detected	9.6	Not Detected
Methylene Chloride	1.2	Not Detected	4.3	Not Detected
Methyl tert-butyl ether	0.62	Not Detected	2.2	Not Detected
trans-1,2-Dichloroethene	0.62	Not Detected	2.4	Not Detected
1,1-Dichloroethane	0.62	Not Detected	2.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.62	Not Detected	1.8	Not Detected
cis-1,2-Dichloroethene	0.62	Not Detected	2.4	Not Detected
Chloroform	0.62	Not Detected	3.0	Not Detected
1,1,1-Trichloroethane	0.62	Not Detected	3.4	Not Detected
Carbon Tetrachloride	0.62	Not Detected	3.9	Not Detected
Benzene	0.62	0.55 J	2.0	1.8 J
1,2-Dichloroethane	0.62	Not Detected	2.5	Not Detected
1,2-Dichloropropane	0.62	Not Detected	2.9	Not Detected
Bromodichloromethane	0.62	Not Detected	4.1	Not Detected
cis-1,3-Dichloropropene	0.62	Not Detected	2.8	Not Detected
4-Methyl-2-pentanone	0.62	Not Detected	2.5	Not Detected
Toluene	0.62	0.89	2.3	3.4
trans-1,3-Dichloropropene	0.62	Not Detected	2.8	Not Detected
1,1,2-Trichloroethane	0.62	Not Detected	3.4	Not Detected
Tetrachloroethene	0.62	Not Detected	4.2	Not Detected
Dibromochloromethane	0.62	Not Detected	5.3	Not Detected
1,2-Dibromoethane (EDB)	0.62	Not Detected	4.8	Not Detected
Chlorobenzene	0.62	Not Detected	2.8	Not Detected
Ethyl Benzene	0.62	Not Detected	2.7	Not Detected
m,p-Xylene	0.62	0.17 J	2.7	0.75 J
o-Xylene	0.62	Not Detected	2.7	Not Detected
Styrene	0.62	Not Detected	2.6	Not Detected
Bromoform	0.62	Not Detected	6.4	Not Detected
1,1,2,2-Tetrachloroethane	0.62	Not Detected	4.2	Not Detected
1,3-Dichlorobenzene	0.62	Not Detected	3.7	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1006-00

Lab ID#: 0801530-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020806	Date of Collection:	1/29/08
Dil. Factor:	6.19	Date of Analysis:	2/8/08 12:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.62	Not Detected	3.7	Not Detected
1,2-Dichlorobenzene	0.62	Not Detected	3.7	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BPSI-FB1006-00

Lab ID#: 0801530-07B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020806sim	Date of Collection:	1/29/08
Dil. Factor:	6.19	Date of Analysis:	2/8/08 12:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.12	5.2	0.66	28

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801530-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020706a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 12:20 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	0.17 J	1.2	0.40 J
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801530-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020706a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 12:20 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801530-09B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020706asim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 12:20 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.020	Not Detected	0.11	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801530-09C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020805a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/8/08 11:43 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801530-09C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020805a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/8/08 11:43 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	0.090 J	3.7	0.67 J

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801530-09D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020805asim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/8/08 11:43 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.020	Not Detected	0.11	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801530-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020702	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:23 AM	

Compound	%Recovery
Freon 12	107
Chloromethane	110
Vinyl Chloride	107
Bromomethane	97
Chloroethane	97
Freon 11	115
Freon 113	110
1,1-Dichloroethene	94
Acetone	96
Carbon Disulfide	100
Methylene Chloride	100
Methyl tert-butyl ether	74
trans-1,2-Dichloroethene	109
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	102
cis-1,2-Dichloroethene	92
Chloroform	103
1,1,1-Trichloroethane	100
Carbon Tetrachloride	110
Benzene	111
1,2-Dichloroethane	114
1,2-Dichloropropane	110
Bromodichloromethane	113
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	116
Toluene	108
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	114
Tetrachloroethene	116
Dibromochloromethane	122
1,2-Dibromoethane (EDB)	111
Chlorobenzene	111
Ethyl Benzene	106
m,p-Xylene	110
o-Xylene	111
Styrene	113
Bromoform	127
1,1,2,2-Tetrachloroethane	110
1,3-Dichlorobenzene	108

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801530-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020702	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:23 AM	

Compound	%Recovery
1,4-Dichlorobenzene	107
1,2-Dichlorobenzene	108
1,2,4-Trichlorobenzene	87

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	105	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801530-10B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020702sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:23 AM	

Compound	%Recovery
Trichloroethene	101

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801530-10C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020802	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/8/08 10:07 AM	

Compound	%Recovery
Freon 12	100
Chloromethane	96
Vinyl Chloride	99
Bromomethane	96
Chloroethane	96
Freon 11	109
Freon 113	103
1,1-Dichloroethene	107
Acetone	97
Carbon Disulfide	104
Methylene Chloride	102
Methyl tert-butyl ether	100
trans-1,2-Dichloroethene	112
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	112
cis-1,2-Dichloroethene	107
Chloroform	99
1,1,1-Trichloroethane	96
Carbon Tetrachloride	101
Benzene	100
1,2-Dichloroethane	96
1,2-Dichloropropane	101
Bromodichloromethane	100
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	105
Toluene	103
trans-1,3-Dichloropropene	99
1,1,2-Trichloroethane	106
Tetrachloroethene	107
Dibromochloromethane	108
1,2-Dibromoethane (EDB)	105
Chlorobenzene	101
Ethyl Benzene	102
m,p-Xylene	106
o-Xylene	109
Styrene	108
Bromoform	119
1,1,2,2-Tetrachloroethane	101
1,3-Dichlorobenzene	103

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801530-10C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020802	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/8/08 10:07 AM	

Compound	%Recovery
1,4-Dichlorobenzene	100
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	90

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801530-10D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020802sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/8/08 10:07 AM	

Compound	%Recovery
Trichloroethene	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801530-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020703	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:53 AM	

Compound	%Recovery
Freon 12	96
Chloromethane	101
Vinyl Chloride	95
Bromomethane	86
Chloroethane	94
Freon 11	102
Freon 113	114
1,1-Dichloroethene	98
Acetone	88
Carbon Disulfide	93
Methylene Chloride	96
Methyl tert-butyl ether	70
trans-1,2-Dichloroethene	100
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	94
cis-1,2-Dichloroethene	91
Chloroform	97
1,1,1-Trichloroethane	93
Carbon Tetrachloride	101
Benzene	99
1,2-Dichloroethane	104
1,2-Dichloropropane	101
Bromodichloromethane	103
cis-1,3-Dichloropropene	88
4-Methyl-2-pentanone	104
Toluene	101
trans-1,3-Dichloropropene	94
1,1,2-Trichloroethane	102
Tetrachloroethene	105
Dibromochloromethane	113
1,2-Dibromoethane (EDB)	99
Chlorobenzene	98
Ethyl Benzene	95
m,p-Xylene	101
o-Xylene	103
Styrene	101
Bromoform	116
1,1,2,2-Tetrachloroethane	101
1,3-Dichlorobenzene	100

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801530-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020703	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:53 AM	

Compound	%Recovery
1,4-Dichlorobenzene	96
1,2-Dichlorobenzene	100
1,2,4-Trichlorobenzene	94

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801530-11B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020703sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/7/08 09:53 AM	

Compound	%Recovery
Trichloroethene	94

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801530-11C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020803	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/8/08 10:38 AM	

Compound	%Recovery
Freon 12	92
Chloromethane	87
Vinyl Chloride	88
Bromomethane	85
Chloroethane	83
Freon 11	100
Freon 113	108
1,1-Dichloroethene	110
Acetone	88
Carbon Disulfide	97
Methylene Chloride	104
Methyl tert-butyl ether	89
trans-1,2-Dichloroethene	104
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	113
cis-1,2-Dichloroethene	103
Chloroform	98
1,1,1-Trichloroethane	92
Carbon Tetrachloride	99
Benzene	95
1,2-Dichloroethane	90
1,2-Dichloropropane	94
Bromodichloromethane	95
cis-1,3-Dichloropropene	93
4-Methyl-2-pentanone	96
Toluene	100
trans-1,3-Dichloropropene	97
1,1,2-Trichloroethane	105
Tetrachloroethene	111
Dibromochloromethane	107
1,2-Dibromoethane (EDB)	100
Chlorobenzene	99
Ethyl Benzene	97
m,p-Xylene	100
o-Xylene	107
Styrene	105
Bromoform	121
1,1,2,2-Tetrachloroethane	98
1,3-Dichlorobenzene	105

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801530-11C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020803	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/8/08 10:38 AM	

Compound	%Recovery
1,4-Dichlorobenzene	103
1,2-Dichlorobenzene	104
1,2,4-Trichlorobenzene	116

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	109	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801530-11D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	z020803sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 2/8/08 10:38 AM	

Compound	%Recovery
Trichloroethene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438C-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013105a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/31/08 11:58 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438C-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013105a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/31/08 11:58 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected U J	15	Not Detected U J

UJ = Non-detected compound associated with low bias in the CCV

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438C-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013102	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/31/08 09:32 AM	

Compound	%Recovery
Freon 12	96
Chloromethane	84
Vinyl Chloride	80
Bromomethane	82
Chloroethane	84
Freon 11	91
Freon 113	85
1,1-Dichloroethene	84
Acetone	83
Carbon Disulfide	79
Methylene Chloride	84
Methyl tert-butyl ether	91
trans-1,2-Dichloroethene	81
1,1-Dichloroethane	85
2-Butanone (Methyl Ethyl Ketone)	74
cis-1,2-Dichloroethene	78
Chloroform	84
1,1,1-Trichloroethane	94
Carbon Tetrachloride	107
Benzene	75
1,2-Dichloroethane	90
Trichloroethene	78
1,2-Dichloropropane	72
Bromodichloromethane	86
cis-1,3-Dichloropropene	80
4-Methyl-2-pentanone	82
Toluene	76
trans-1,3-Dichloropropene	87
1,1,2-Trichloroethane	82
Tetrachloroethene	81
Dibromochloromethane	90
1,2-Dibromoethane (EDB)	81
Chlorobenzene	78
Ethyl Benzene	80
m,p-Xylene	78
o-Xylene	79
Styrene	83
Bromoform	93
1,1,2,2-Tetrachloroethane	76

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438C-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013102	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/31/08 09:32 AM	

Compound	%Recovery
1,3-Dichlorobenzene	75
1,4-Dichlorobenzene	73
1,2-Dichlorobenzene	77
1,2,4-Trichlorobenzene	65 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438C-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013103	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/31/08 10:06 AM	

Compound	%Recovery
Freon 12	86
Chloromethane	85
Vinyl Chloride	74
Bromomethane	79
Chloroethane	79
Freon 11	83
Freon 113	88
1,1-Dichloroethene	88
Acetone	82
Carbon Disulfide	76
Methylene Chloride	84
Methyl tert-butyl ether	83
trans-1,2-Dichloroethene	78
1,1-Dichloroethane	84
2-Butanone (Methyl Ethyl Ketone)	76
cis-1,2-Dichloroethene	77
Chloroform	82
1,1,1-Trichloroethane	91
Carbon Tetrachloride	104
Benzene	72
1,2-Dichloroethane	88
Trichloroethene	76
1,2-Dichloropropane	71
Bromodichloromethane	84
cis-1,3-Dichloropropene	79
4-Methyl-2-pentanone	82
Toluene	76
trans-1,3-Dichloropropene	90
1,1,2-Trichloroethane	81
Tetrachloroethene	82
Dibromochloromethane	90
1,2-Dibromoethane (EDB)	80
Chlorobenzene	75
Ethyl Benzene	77
m,p-Xylene	79
o-Xylene	79
Styrene	81
Bromoform	92
1,1,2,2-Tetrachloroethane	76

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438C-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	8013103	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/31/08 10:06 AM	

Compound	%Recovery
1,3-Dichlorobenzene	79
1,4-Dichlorobenzene	76
1,2-Dichlorobenzene	83
1,2,4-Trichlorobenzene	72

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	111	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438B-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012905a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/29/08 02:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	0.19 J	1.2	0.44 J
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	0.036 J	0.69	0.12 J
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	0.026 J	0.41	0.10 J
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	0.017 J	0.42	0.074 J
Bromoform	0.10	Not Detected	1.0	Not Detected
1,1,2,2-Tetrachloroethane	0.10	0.030 J	0.69	0.21 J
1,3-Dichlorobenzene	0.10	0.047 J	0.60	0.28 J

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438B-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012905a	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 02:11 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,4-Dichlorobenzene	0.10	0.064 J	0.60	0.38 J
1,2-Dichlorobenzene	0.10	0.065 J	0.60	0.39 J
1,2,4-Trichlorobenzene	0.50	0.34 J	3.7	2.5 J

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801438B-12B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012905sima	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 02:11 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	0.020	0.0035 J	0.11	0.019 J

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	82	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438B-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012902	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 11:38 AM	

Compound	%Recovery
Freon 12	95
Chloromethane	101
Vinyl Chloride	94
Bromomethane	91
Chloroethane	90
Freon 11	109
Freon 113	109
1,1-Dichloroethene	89
Acetone	98
Carbon Disulfide	91
Methylene Chloride	82
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	88
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	103
cis-1,2-Dichloroethene	97
Chloroform	107
1,1,1-Trichloroethane	105
Carbon Tetrachloride	90
Benzene	96
1,2-Dichloroethane	111
1,2-Dichloropropane	96
Bromodichloromethane	98
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	133 Q
Toluene	100
trans-1,3-Dichloropropene	91
1,1,2-Trichloroethane	96
Tetrachloroethene	113
Dibromochloromethane	106
1,2-Dibromoethane (EDB)	102
Chlorobenzene	106
Ethyl Benzene	104
m,p-Xylene	106
o-Xylene	109
Styrene	109
Bromoform	128
1,1,2,2-Tetrachloroethane	108
1,3-Dichlorobenzene	129

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438B-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012902	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 11:38 AM	

Compound	%Recovery
1,4-Dichlorobenzene	128
1,2-Dichlorobenzene	130
1,2,4-Trichlorobenzene	122

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	122	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801438B-13B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012902sim	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 11:38 AM	

Compound	%Recovery
Trichloroethene	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	122	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438B-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012903	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 12:09 PM	

Compound	%Recovery
Freon 12	100
Chloromethane	104
Vinyl Chloride	96
Bromomethane	110
Chloroethane	114
Freon 11	106
Freon 113	121
1,1-Dichloroethene	110
Acetone	106
Carbon Disulfide	101
Methylene Chloride	95
Methyl tert-butyl ether	85
trans-1,2-Dichloroethene	94
1,1-Dichloroethane	104
2-Butanone (Methyl Ethyl Ketone)	84
cis-1,2-Dichloroethene	92
Chloroform	94
1,1,1-Trichloroethane	98
Carbon Tetrachloride	104
Benzene	88
1,2-Dichloroethane	99
1,2-Dichloropropane	93
Bromodichloromethane	95
cis-1,3-Dichloropropene	92
4-Methyl-2-pentanone	124
Toluene	106
trans-1,3-Dichloropropene	84
1,1,2-Trichloroethane	89
Tetrachloroethene	107
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	93
Chlorobenzene	103
Ethyl Benzene	100
m,p-Xylene	103
o-Xylene	109
Styrene	105
Bromoform	125
1,1,2,2-Tetrachloroethane	104
1,3-Dichlorobenzene	128

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438B-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	s012803	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 12:09 PM	

Compound	%Recovery
1,4-Dichlorobenzene	126
1,2-Dichlorobenzene	127
1,2,4-Trichlorobenzene	147 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801438B-14B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	801290Bslm	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 1/29/08 12:09 PM	

Compound	%Recovery
Trichloroethene	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	120	70-130