



AN ENVIRONMENTAL ANALYTICAL LABORATORY

2/3/2009

Mr. Doug Herlocker
Tetra Tech
3380 Americana Terrace, Suite 201

Boise ID 83706

Project Name: BMI
Project #: 130P0333

Dear Mr. Doug Herlocker

The following report includes the data for the above referenced project for sample(s) received on 1/21/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-13A are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

A handwritten signature in black ink that reads 'Kelly Buettner'.

Kelly Buettner
Project Manager



AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0901357B

Work Order Summary

CLIENT:	Mr. Doug Herlocker Tetra Tech 3380 Americana Terrace, Suite 201 Boise, ID 83706	BILL TO:	Mr. Doug Herlocker Tetra Tech 3380 Americana Terrace, Suite 201 Boise, ID 83706
PHONE:	208-389-1030	P.O. #	103P0333.005
FAX:		PROJECT #	130P0333 BMI
DATE RECEIVED:	01/21/2009	CONTACT:	Kelly Buettner
DATE COMPLETED:	02/03/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
03A	BMI11-012009	Modified TO-13A
06A	BMI06-012009	Modified TO-13A
09A	BMI11-012009BS	Modified TO-13A
10A	Lab Blank	Modified TO-13A
11A	LCS	Modified TO-13A

CERTIFIED BY:

Laboratory Director

DATE: 02/03/09

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,

Accreditation number: E87680, Effective date: 07/01/08, Expiration date: 06/30/09

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-13A
Tetra Tech
Workorder# 0901357B

Three PUF/XAD Cartridge samples were received on January 21, 2009. The laboratory performed the analysis for polycyclic aromatic hydrocarbons in air by modified EPA Method TO-13A. The PUF/XAD samples were extracted using Pressurized Fluid Extraction (PFE) by EPA Method 3545A. The sample extract was then concentrated to 1.0 mL and analyzed by GC/MS in the full scan mode.

Method modifications taken to run these samples include:

<i>Requirement</i>	<i>TO-13A</i>	<i>ATL Modifications</i>
Extraction Solvent	10% ether in hexane for PUF; DCM for XAD sorbent. Final extract in hexane.	DCM for PUF/XAD cartridge and XAD sorbent. Final extract in DCM.
Glassware Cleaning	Muffle furnace is utilized.	Solvent cleaning procedure is used.
Extraction technique	Soxhlet extraction	Soxhlet extraction or pressurized fluid extraction (PFE).
Calibration range	0.10 to 2.5 ug/mL	1.0 ug/mL to 160 ug/mL
Field surrogates	Deuterated PAHs are spiked on media prior to sampling.	Performed by client request only.
Solvent Process Blank	Required each analytical batch.	Not performed; each solvent lot is certified prior to use.
Method Blank	<Method Detection Limit	<Reporting Limit

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Sampling volume was supplied by the client. A sample volume of 204 m³ was assumed for all QC samples.

The blank sample BMI11-012009BS has reportable levels of bis(2-ethylhexyl)phthalate present. Reanalysis of the extract confirmed the initial results.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

E - Exceeds instrument calibration range.

Q - Exceeds quality control limits.

S - Saturated peak.

J - Estimated value.

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

performed).

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

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

Summary of Detected Compounds MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

Client Sample ID: BMI11-012009

Lab ID#: 0901357B-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.043	8.8	0.077
1,4-Dichlorobenzene	1.0	0.0087	11	0.094
Benzoic Acid	30	0.26	52	0.45
Naphthalene	1.0	0.0087	38	0.33
2-Methylnaphthalene	1.0	0.0087	21	0.18
Hexachlorobenzene	1.0	0.0087	1.4	0.012
Phenanthrene	1.0	0.0087	1.2	0.010

Client Sample ID: BMI06-012009

Lab ID#: 0901357B-06A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.025	8.0	0.039
1,4-Dichlorobenzene	1.0	0.0049	8.4	0.041
Benzoic Acid	30	0.15	50	0.25
Naphthalene	1.0	0.0049	38	0.19
2-Methylnaphthalene	1.0	0.0049	23	0.11
Hexachlorobenzene	1.0	0.0049	2.7	0.014
Phenanthrene	1.0	0.0049	1.4	0.0068
di-n-Butylphthalate	5.0	0.025	8.2	0.040

Client Sample ID: BMI11-012009BS

Lab ID#: 0901357B-09A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
bis(2-Ethylhexyl)phthalate	5.0	0.024	6.6	0.032



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BMI11-012009

Lab ID#: 0901357B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012608	Date of Collection:	1/20/09
Dil. Factor:	1.00	Date of Analysis:	1/26/09 11:48 AM
		Date of Extraction:	1/22/09

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.043	8.8	0.077
bis(2-Chloroethyl) Ether	1.0	0.0087	Not Detected	Not Detected
2-Chlorophenol	5.0	0.043	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0087	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0087	11	0.094
1,2-Dichlorobenzene	1.0	0.0087	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.043	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0087	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0087	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.043	Not Detected	Not Detected
Hexachloroethane	1.0	0.0087	Not Detected	Not Detected
Nitrobenzene	1.0	0.0087	Not Detected	Not Detected
Isophorone	1.0	0.0087	Not Detected	Not Detected
2-Nitrophenol	5.0	0.043	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.043	Not Detected	Not Detected
Benzoic Acid	30	0.26	52	0.45
bis(2-Chloroethoxy) Methane	1.0	0.0087	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.043	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0087	Not Detected	Not Detected
Naphthalene	1.0	0.0087	38	0.33
4-Chloroaniline	10	0.087	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0087	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.043	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0087	21	0.18
Hexachlorocyclopentadiene	20	0.17	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.043	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.043	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0087	Not Detected	Not Detected
2-Nitroaniline	10	0.087	Not Detected	Not Detected
Dimethylphthalate	5.0	0.043	Not Detected	Not Detected
Acenaphthylene	1.0	0.0087	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.043	Not Detected	Not Detected
3-Nitroaniline	10	0.087	Not Detected	Not Detected
Acenaphthene	1.0	0.0087	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.17	Not Detected	Not Detected
4-Nitrophenol	20	0.17	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.043	Not Detected	Not Detected
Dibenzofuran	1.0	0.0087	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BMI11-012009

Lab ID#: 0901357B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012608	Date of Collection: 1/20/09
Dil. Factor:	1.00	Date of Analysis: 1/26/09 11:48 AM
		Date of Extraction: 1/22/09

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.043	Not Detected	Not Detected
Fluorene	1.0	0.0087	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.0087	Not Detected	Not Detected
4-Nitroaniline	10	0.087	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.087	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.087	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0087	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0087	1.4	0.012
Pentachlorophenol	20	0.17	Not Detected	Not Detected
Phenanthrene	1.0	0.0087	1.2	0.010
Anthracene	1.0	0.0087	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.043	Not Detected	Not Detected
Fluoranthene	1.0	0.0087	Not Detected	Not Detected
Pyrene	1.0	0.0087	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.043	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.17	Not Detected	Not Detected
Chrysene	1.0	0.0087	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0087	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.043	Not Detected	Not Detected
Di-n-Octylphthalate	5.0	0.043	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0087	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0087	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0087	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0087	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0087	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0087	Not Detected	Not Detected

Air Sample Volume(L): 115000

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	85	50-150
Phenol-d5	89	50-150
Nitrobenzene-d5	93	50-150
2,4,6-Tribromophenol	98	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BMI11-012009

Lab ID#: 0901357B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012608	Date of Collection: 1/20/09
Dil. Factor:	1.00	Date of Analysis: 1/26/09 11:48 AM
		Date of Extraction: 1/22/09

Surrogates	%Recovery	Method Limits
Fluorene-d10	84	60-120
Pyrene-d10	94	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BMI06-012009

Lab ID#: 0901357B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012609	Date of Collection:	1/20/09
Dil. Factor:	1.00	Date of Analysis:	1/26/09 12:15 PM
		Date of Extraction:	1/22/09

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.025	8.0	0.039
bis(2-Chloroethyl) Ether	1.0	0.0049	Not Detected	Not Detected
2-Chlorophenol	5.0	0.025	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0049	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0049	8.4	0.041
1,2-Dichlorobenzene	1.0	0.0049	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.025	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0049	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0049	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.025	Not Detected	Not Detected
Hexachloroethane	1.0	0.0049	Not Detected	Not Detected
Nitrobenzene	1.0	0.0049	Not Detected	Not Detected
Isophorone	1.0	0.0049	Not Detected	Not Detected
2-Nitrophenol	5.0	0.025	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.025	Not Detected	Not Detected
Benzoic Acid	30	0.15	50	0.25
bis(2-Chloroethoxy) Methane	1.0	0.0049	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.025	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0049	Not Detected	Not Detected
Naphthalene	1.0	0.0049	38	0.19
4-Chloroaniline	10	0.049	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0049	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.025	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0049	23	0.11
Hexachlorocyclopentadiene	20	0.098	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.025	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.025	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0049	Not Detected	Not Detected
2-Nitroaniline	10	0.049	Not Detected	Not Detected
Dimethylphthalate	5.0	0.025	Not Detected	Not Detected
Acenaphthylene	1.0	0.0049	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.025	Not Detected	Not Detected
3-Nitroaniline	10	0.049	Not Detected	Not Detected
Acenaphthene	1.0	0.0049	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.098	Not Detected	Not Detected
4-Nitrophenol	20	0.098	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.025	Not Detected	Not Detected
Dibenzofuran	1.0	0.0049	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BMI06-012009

Lab ID#: 0901357B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012609	Date of Collection:	1/20/09
Dil. Factor:	1.00	Date of Analysis:	1/26/09 12:15 PM
		Date of Extraction:	1/22/09

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.025	Not Detected	Not Detected
Fluorene	1.0	0.0049	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.0049	Not Detected	Not Detected
4-Nitroaniline	10	0.049	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.049	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.049	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0049	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0049	2.7	0.014
Pentachlorophenol	20	0.098	Not Detected	Not Detected
Phenanthrene	1.0	0.0049	1.4	0.0068
Anthracene	1.0	0.0049	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.025	8.2	0.040
Fluoranthene	1.0	0.0049	Not Detected	Not Detected
Pyrene	1.0	0.0049	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.025	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.098	Not Detected	Not Detected
Chrysene	1.0	0.0049	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0049	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.025	Not Detected	Not Detected
Di-n-Octylphthalate	5.0	0.025	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0049	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0049	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0049	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0049	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0049	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0049	Not Detected	Not Detected

Air Sample Volume(L): 203000

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	81	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	92	50-150
2,4,6-Tribromophenol	98	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BMI06-012009

Lab ID#: 0901357B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012609	Date of Collection: 1/20/09
Dil. Factor:	1.00	Date of Analysis: 1/26/09 12:15 PM
		Date of Extraction: 1/22/09

Surrogates	%Recovery	Method Limits
Fluorene-d10	84	60-120
Pyrene-d10	93	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BMI11-012009BS

Lab ID#: 0901357B-09A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012610	Date of Collection:	1/20/09
Dil. Factor:	1.00	Date of Analysis:	1/26/09 12:42 PM
		Date of Extraction:	1/22/09

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.024	Not Detected	Not Detected
bis(2-Chloroethyl) Ether	1.0	0.0049	Not Detected	Not Detected
2-Chlorophenol	5.0	0.024	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0049	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0049	Not Detected	Not Detected
1,2-Dichlorobenzene	1.0	0.0049	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.024	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0049	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0049	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.024	Not Detected	Not Detected
Hexachloroethane	1.0	0.0049	Not Detected	Not Detected
Nitrobenzene	1.0	0.0049	Not Detected	Not Detected
Isophorone	1.0	0.0049	Not Detected	Not Detected
2-Nitrophenol	5.0	0.024	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.024	Not Detected	Not Detected
Benzoic Acid	30	0.15	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.0049	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.024	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0049	Not Detected	Not Detected
Naphthalene	1.0	0.0049	Not Detected	Not Detected
4-Chloroaniline	10	0.049	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0049	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.024	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0049	Not Detected	Not Detected
Hexachlorocyclopentadiene	20	0.098	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.024	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.024	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0049	Not Detected	Not Detected
2-Nitroaniline	10	0.049	Not Detected	Not Detected
Dimethylphthalate	5.0	0.024	Not Detected	Not Detected
Acenaphthylene	1.0	0.0049	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.024	Not Detected	Not Detected
3-Nitroaniline	10	0.049	Not Detected	Not Detected
Acenaphthene	1.0	0.0049	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.098	Not Detected	Not Detected
4-Nitrophenol	20	0.098	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.024	Not Detected	Not Detected
Dibenzofuran	1.0	0.0049	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BMI11-012009BS

Lab ID#: 0901357B-09A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012610	Date of Collection: 1/20/09
Dil. Factor:	1.00	Date of Analysis: 1/26/09 12:42 PM
		Date of Extraction: 1/22/09

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.024	Not Detected	Not Detected
Fluorene	1.0	0.0049	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.0049	Not Detected	Not Detected
4-Nitroaniline	10	0.049	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.049	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.049	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0049	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0049	Not Detected	Not Detected
Pentachlorophenol	20	0.098	Not Detected	Not Detected
Phenanthrene	1.0	0.0049	Not Detected	Not Detected
Anthracene	1.0	0.0049	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.024	Not Detected	Not Detected
Fluoranthene	1.0	0.0049	Not Detected	Not Detected
Pyrene	1.0	0.0049	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.024	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.098	Not Detected	Not Detected
Chrysene	1.0	0.0049	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0049	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.024	6.6	0.032
Di-n-Octylphthalate	5.0	0.024	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0049	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0049	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0049	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0049	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0049	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0049	Not Detected	Not Detected

Air Sample Volume(L): 204000

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	84	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	83	50-150
2,4,6-Tribromophenol	78	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: BMI11-012009BS

Lab ID#: 0901357B-09A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012610	Date of Collection: 1/20/09
Dil. Factor:	1.00	Date of Analysis: 1/26/09 12:42 PM
		Date of Extraction: 1/22/09

Surrogates	%Recovery	Method Limits
Fluorene-d10	74	60-120
Pyrene-d10	83	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0901357B-10A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012606	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/26/09 10:53 AM
		Date of Extraction: 1/22/09

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.024	Not Detected	Not Detected
bis(2-Chloroethyl) Ether	1.0	0.0049	Not Detected	Not Detected
2-Chlorophenol	5.0	0.024	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0049	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0049	Not Detected	Not Detected
1,2-Dichlorobenzene	1.0	0.0049	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.024	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0049	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0049	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.024	Not Detected	Not Detected
Hexachloroethane	1.0	0.0049	Not Detected	Not Detected
Nitrobenzene	1.0	0.0049	Not Detected	Not Detected
Isophorone	1.0	0.0049	Not Detected	Not Detected
2-Nitrophenol	5.0	0.024	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.024	Not Detected	Not Detected
Benzoic Acid	30	0.15	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.0049	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.024	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0049	Not Detected	Not Detected
Naphthalene	1.0	0.0049	Not Detected	Not Detected
4-Chloroaniline	10	0.049	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0049	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.024	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0049	Not Detected	Not Detected
Hexachlorocyclopentadiene	20	0.098	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.024	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.024	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0049	Not Detected	Not Detected
2-Nitroaniline	10	0.049	Not Detected	Not Detected
Dimethylphthalate	5.0	0.024	Not Detected	Not Detected
Acenaphthylene	1.0	0.0049	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.024	Not Detected	Not Detected
3-Nitroaniline	10	0.049	Not Detected	Not Detected
Acenaphthene	1.0	0.0049	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.098	Not Detected	Not Detected
4-Nitrophenol	20	0.098	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.024	Not Detected	Not Detected
Dibenzofuran	1.0	0.0049	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0901357B-10A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012606	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/26/09 10:53 AM
		Date of Extraction: 1/22/09

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.024	Not Detected	Not Detected
Fluorene	1.0	0.0049	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.0049	Not Detected	Not Detected
4-Nitroaniline	10	0.049	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.049	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.049	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0049	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0049	Not Detected	Not Detected
Pentachlorophenol	20	0.098	Not Detected	Not Detected
Phenanthrene	1.0	0.0049	Not Detected	Not Detected
Anthracene	1.0	0.0049	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.024	Not Detected	Not Detected
Fluoranthene	1.0	0.0049	Not Detected	Not Detected
Pyrene	1.0	0.0049	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.024	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.098	Not Detected	Not Detected
Chrysene	1.0	0.0049	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0049	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.024	Not Detected	Not Detected
Di-n-Octylphthalate	5.0	0.024	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0049	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0049	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0049	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0049	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0049	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0049	Not Detected	Not Detected

Air Sample Volume(L): 204000

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
2-Fluorophenol	82	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	79	50-150
2,4,6-Tribromophenol	73	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0901357B-10A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012606	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/26/09 10:53 AM
		Date of Extraction: 1/22/09

Surrogates	%Recovery	Method Limits
Fluorene-d10	75	60-120
Pyrene-d10	85	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0901357B-11A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012613	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/26/09 02:05 PM
		Date of Extraction: 1/22/09

Compound	%Recovery
Phenol	82
bis(2-Chloroethyl) Ether	Not Spiked
2-Chlorophenol	86
1,3-Dichlorobenzene	Not Spiked
1,4-Dichlorobenzene	77
1,2-Dichlorobenzene	Not Spiked
2-Methylphenol (o-Cresol)	Not Spiked
bis(2-Chloroisopropyl) Ether	Not Spiked
N-Nitroso-di-n-propylamine	90
4-Methylphenol/3-Methylphenol	Not Spiked
Hexachloroethane	Not Spiked
Nitrobenzene	Not Spiked
Isophorone	Not Spiked
2-Nitrophenol	Not Spiked
2,4-Dimethylphenol	Not Spiked
Benzoic Acid	Not Spiked
bis(2-Chloroethoxy) Methane	Not Spiked
2,4-Dichlorophenol	Not Spiked
1,2,4-Trichlorobenzene	79
Naphthalene	Not Spiked
4-Chloroaniline	Not Spiked
Hexachlorobutadiene	Not Spiked
4-Chloro-3-methylphenol	93
2-Methylnaphthalene	Not Spiked
Hexachlorocyclopentadiene	Not Spiked
2,4,6-Trichlorophenol	Not Spiked
2,4,5-Trichlorophenol	Not Spiked
2-Chloronaphthalene	Not Spiked
2-Nitroaniline	Not Spiked
Dimethylphthalate	Not Spiked
Acenaphthylene	Not Spiked
2,6-Dinitrotoluene	Not Spiked
3-Nitroaniline	Not Spiked
Acenaphthene	87
2,4-Dinitrophenol	Not Spiked
4-Nitrophenol	51
2,4-Dinitrotoluene	84
Dibenzofuran	Not Spiked



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0901357B-11A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012613	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/26/09 02:05 PM
		Date of Extraction: 1/22/09

Compound	%Recovery
Diethylphthalate	Not Spiked
Fluorene	Not Spiked
4-Chlorophenyl-phenyl Ether	Not Spiked
4-Nitroaniline	Not Spiked
4,6-Dinitro-2-methylphenol	Not Spiked
N-Nitrosodiphenylamine	Not Spiked
4-Bromophenyl-phenyl Ether	Not Spiked
Hexachlorobenzene	Not Spiked
Pentachlorophenol	30
Phenanthrene	Not Spiked
Anthracene	Not Spiked
di-n-Butylphthalate	Not Spiked
Fluoranthene	Not Spiked
Pyrene	90
Butylbenzylphthalate	Not Spiked
3,3'-Dichlorobenzidine	Not Spiked
Chrysene	Not Spiked
Benzo(a)anthracene	Not Spiked
bis(2-Ethylhexyl)phthalate	Not Spiked
Di-n-Octylphthalate	Not Spiked
Benzo(b)fluoranthene	Not Spiked
Benzo(k)fluoranthene	Not Spiked
Benzo(a)pyrene	Not Spiked
Indeno(1,2,3-c,d)pyrene	Not Spiked
Dibenz(a,h)anthracene	Not Spiked
Benzo(g,h,i)perylene	Not Spiked

Air Sample Volume(L): 204000

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
2-Fluorophenol	78	50-150
Phenol-d5	83	50-150
Nitrobenzene-d5	84	50-150
2,4,6-Tribromophenol	73	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0901357B-11A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v012613	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/26/09 02:05 PM
		Date of Extraction: 1/22/09

Surrogates	%Recovery	Method Limits
Fluorene-d10	77	60-120
Pyrene-d10	87	60-120