BETA Group, Inc.
Engineers • Scientists • Planners

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January 23, 2007

Mr. Scott Alfonse, Director
Department of Environmental Stewardship
City of New Bedford
133 William Street
New Bedford, MA 02740

Re: Keith Middle School - Results of December 28, 2006 Foundation Vent Stack Sampling and Analysis

Dear Scott:

BETA Group, Inc. (BETA) conducted air sampling of the sub-slab foundation ventilation system at the referenced school on December 28, 2006. The sampling consisted of the collection of low volume air samples from within the four selected rooftop vent stacks (VS-1, VS-4, VS-6, and VS-13) illustrated on the enclosed sampling location plan (Figure 1). BETA collected the samples on polyurethane foam (PUF) cartridges for laboratory analysis of polychlorinated biphenyls (PCBs) and in 2.75-liter SUMMA canisters for laboratory analysis of volatile organic compounds (VOCs). The sample collection procedures and analytical methods are described in detail in the Long Term Monitoring and Maintenance Implementation Plan (MMIP), revision 4.0, dated October 20, 2006.

BETA concurrently performed sampling of the Keith Middle School indoor air for PCBs and VOCs. A summary of the indoor air sampling has been provided under separate cover.

Summary of Findings

BETA collected four vent stack air samples (with one duplicate) and one ground level outdoor background sample for PCB analysis. All sampling locations are shown on Figure 1. No PCBs were detected above their respective method detection limits (MDLs) in any of the stacks or background samples.

BETA also collected three rooftop vent stack samples and one ground level background sample (with duplicate) for VOC analysis. These samples were collected at the same locations as the PCB sample locations shown on Figure 1. Table 1 provides a summary of the VOC results from these four locations.

Five volatile organic compounds were detected in vent stacks above their respective MDLs. Four of these were also detected in the outdoor background samples. All of the compounds can be attributed to new building construction activities; specifically related to PVC cleaners, primers and cements. Acetone continued to be elevated, most likely due to the presence of acetone on the PUF cartridges as a result of the surrogate spiking procedure. This issue was further discussed in the summary letter accompanying the November 2006 results. The proposed actions to prevent the presence of acetone cross-contamination in the VOC analyses were implemented during the January 20, 2007 sampling event. These adjustments included:

- Prescreening of vent stack air with a ppbRAE photo-ionization detector with a detection limit of 1.0 part per billion prior to placement of the spiked PUF cartridges. This will assist in identifying any vent stacks where total VOCs are elevated prior to insertion of

the sampling equipment;

- Reduction in the volume of acetone added by the laboratory during surrogate spiking. The laboratory will use a more concentrated surrogate solution and add 0.02 milliliters instead of 1.0 milliliters; and
- During the stack sampling, BETA will start air flow through the PUF cartridges prior to placement of the cartridges in the vent stacks, so that acetone is drawn away from the adjacent SUMMA canister intakes).

The effectiveness of these adjustments will be evaluated after receipt of the January sampling results.

Conclusions

No PCBs were detected above their respective MDLs in any vent stacks during this sampling event.

The laboratory detected five VOCs in the vent stacks. One of these VOCs (acetone) was detected in all four vents at concentrations above TELs and AALs. The presence of acetone in the vent stack samples will be further assessed as described in the section above. Two other VOCs, tetrahydrofuran and toluene, were detected in the vent stacks above TELs and AALs. Tetrahydrofuran is a common constituent of PVC cleaners and cements and is the likely source of the detection from the recently installed PVC piping. Toluene is a common constituent in construction materials and gasoline, and was also found in the outdoor background samples during this event.

BETA has not found any indication that any VOCs pose a risk within the school. While acetone was detected in indoor air above the AAL/TEL in the August and September sampling rounds, it is a constituent in many construction materials and it is commonly present within recently constructed buildings. No acetone has been found in any of the subsequent rounds of indoor air samples at concentrations above the applicable AAL or TEL.

If you have any questions or comments, please call me at 781-255-1982.

Very truly yours,
BETA Group, Inc.

Alan D. Hanscom, P.E., LSP
Associate

cc: Kim Tisa, EPA Region I
Mayor Scott W. Lang, City of New Bedford
Lawrence Oliveira, Business Manager, NBPS
D. Billo, BETA

Figure 1
Keith Middle School
Foundation Venting System

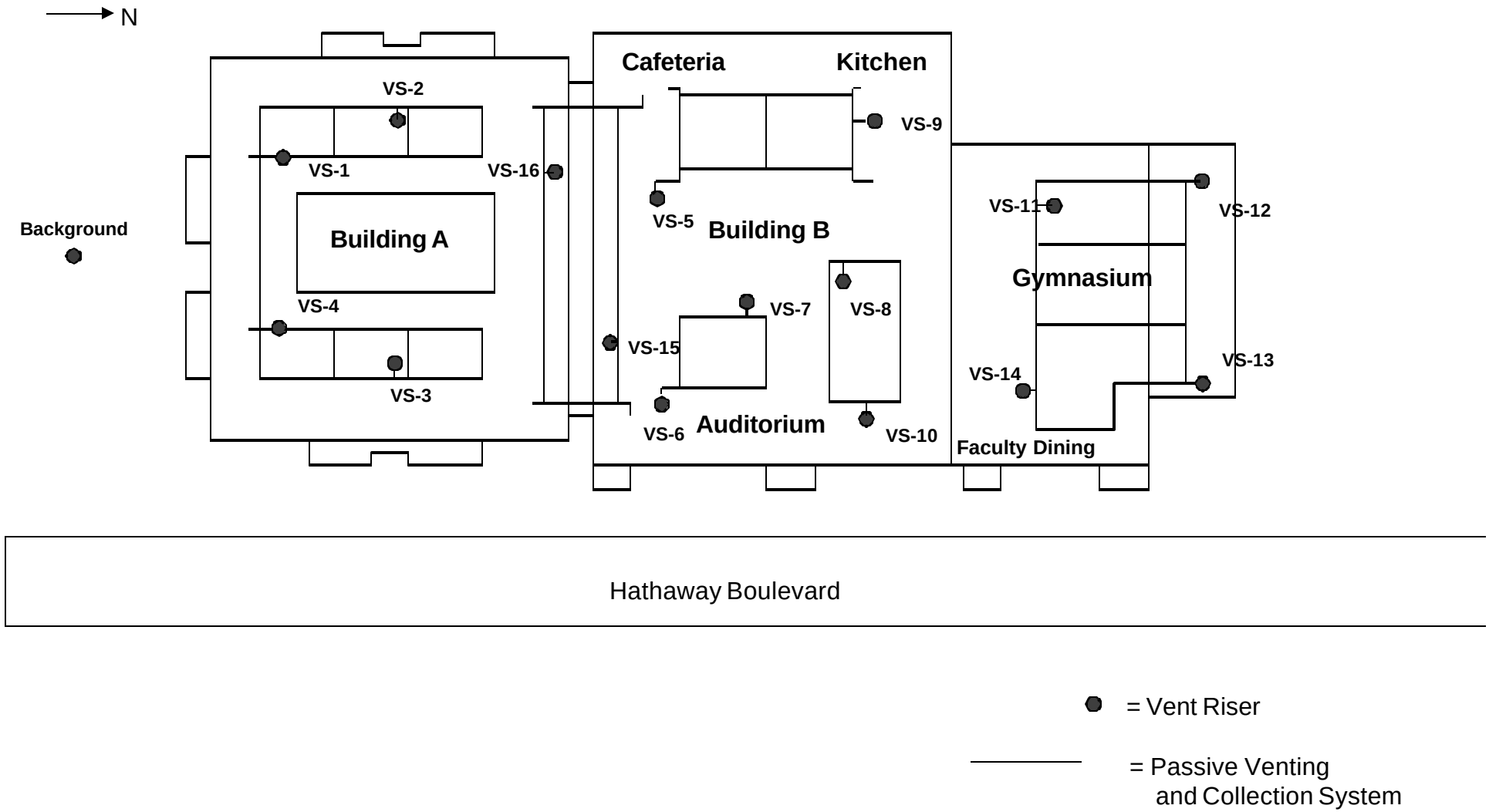

Table 1
New Keith Middle School
Foundation Vent Stack Sampling
December 28, 2006

	A7A VS-1	A7A VS-4	B7A VS-6	C7A VS-13	C7B VS-13	Background-7	Bkgrnd-7 Dup	TEL (24-hr avg)	AAL (Annual Avg)	High Conc. Dec. 2001 Soil Gas
Date Sampled:	12/28/06	12/28/06	12/28/06	12/28/06	12/28/06	12/28/06	12/28/06			
Acetone*	**21,100**	**15,800**	**15,800**	**1,550**	**3,880**	58.1	30.1	160.54	160.54	95
2-Butanone*	ND	ND	**671**	**18.3**	ND	3.1	3.29	200	10	259.5
Methylene Chloride	ND	ND	ND	ND	ND	22.1	4.06	NS	NS	ND
Methyl tert butyl ether	ND	ND	ND	184	252	ND	ND	NS	NS	10.5
Tetrahydrofuran*	**104**	**129**	**435**	48	ND	ND	ND	160.35	80.18	ND
Toluene	ND	ND	ND	**22.6**	ND	11.7	12.6	80	20	462.8
PCBs (ug/m^3)	NDCN	NDCN	NDCN	NDCN	NDCN	NDCN	NT	0.3[(1)]	0.05[(2)]	NT

Bold typeface = Concentrations exceeding AAL; Yellow shading = Concentrations exceeding TEL
Results reported in ug/M^3 unless otherwise noted
* Common constituents of PVC pipe cements and cleaners
1. Risk-based maximum acceptable level
2. EPA action level at which additional assessment is required
TEL - Threshold Effects Exposure Limit, 24-hour average exposure
AAL - Allowable Ambient Limit, annual average exposure
BRL = Below laboratory Reporting Limit
NDCN = None detected on cartridge at detection limit of 0.5-1.5 nanograms per congener
NS = No AAL or TEL
NT = Not Tested

ALPHA WOODS HOLE LABS

ANALYTICAL REPORT

Lab Number:	L0618982
Client:	Beta Engineering, Inc. 315 Norwood Park South Norwood, MA 02062
ATTN:	Al Hanscom
Project Name:	KEITH MIDDLE SCHOOL
Project Number:	3261
Report Date:	01/10/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

Alpha Sample ID	Client ID	Sample Location
L0618982-01	A7A VS-1	NEW BEDFORD MA
L0618982-02	A7B VS-1	NEW BEDFORD MA
L0618982-03	A7A VS-4	NEW BEDFORD MA
L0618982-04	A7B VS-4	NEW BEDFORD MA
L0618982-05	B7A VS-6	NEW BEDFORD MA
L0618982-06	B7B VS-6	NEW BEDFORD MA
L0618982-07	C7A VS-13	NEW BEDFORD MA
L0618982-08	C7B VS-13	NEW BEDFORD MA
L0618982-09	BACKGROUND-7	NEW BEDFORD MA
L0618982-10	BACKGROUND-7 DUP	NEW BEDFORD MA
L0618982-11	TRIP BLANK	NEW BEDFORD MA

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982
Project Number: 3261 **Report Date:** 01/10/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Volatile Organic Compounds in Air

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0618982-01, -03, -05, -08: 25x

L0618982-07: 10x

Re-analysis on dilution was required in order to quantitate samples within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration. The dilutions are as follows:

L0618982-01: 153.8x

L0618982-03: 167.5x

L0618982-05: 102x

L0618982-05: The canister was pressurized with UHP Nitrogen due to high compound concentrations. The addition of Nitrogen resulted sample dilution.

L0618982-07: The result for 2-Butanone is considered estimated due to co-elution with non-target peak.

WG266764-1:

The LCS % recoveries for 1,2,4-Trichlorobenzene and 1,3-Butadiene are below method acceptance criteria.

WG266764-4:

The LCS % recovery for Propylene is above method acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Title: Technical Director Date: 01/10/07

AIR

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-01	Date Collected:	12/28/06 12:35
Client ID:	A7A VS-1	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/04/07 20:17		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	12.5	ND	68.1		25
1,1,2,2-Tetrachloroethane	ND	12.5	ND	85.7		25
1,1,2-Trichloroethane	ND	12.5	ND	68.1		25
1,1-Dichloroethane	ND	12.5	ND	50.6		25
1,1-Dichloroethene	ND	12.5	ND	49.5		25
1,2,4-Trichlorbenzene	ND	12.5	ND	92.7		25
1,2,4-Trimethylbenzene	ND	12.5	ND	61.4		25
1,2-Dibromoethane	ND	12.5	ND	96.0		25
1,2-Dichlorobenzene	ND	12.5	ND	75.1		25
1,2-Dichloroethane	ND	12.5	ND	50.6		25
1,2-Dichloropropane	ND	12.5	ND	57.7		25
1,3,5-Trimethybenzene	ND	12.5	ND	61.4		25
1,3-Butadiene	ND	12.5	ND	27.6		25
1,3-Dichlorobenzene	ND	12.5	ND	75.1		25
1,4-Dichlorobenzene	ND	12.5	ND	75.1		25
1,4-Dioxane	ND	25.0	ND	90.0		25
2,2,4-Trimethylpentane	ND	12.5	ND	58.4		25
2-Butanone	ND	12.5	ND	36.8		25
2-Hexanone	ND	12.5	ND	51.2		25
3-Chloropropene	ND	12.5	ND	39.1		25
4-Ethyltoluene	ND	12.5	ND	61.4		25
Acetone	>2500	50	>5938	119		25
Benzene	ND	12.5	ND	39.9		25
Benzyl chloride	ND	12.5	ND	64.7		25
Bromodichloromethane	ND	12.5	ND	83.7		25

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-01 Date Collected: 12/28/06 12:35

Client ID: A7A VS-1 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	12.5	ND	129.		25
Bromomethane	ND	12.5	ND	48.5		25
Carbon disulfide	ND	12.5	ND	38.9		25
Carbon tetrachloride	ND	12.5	ND	78.6		25
Chlorobenzene	ND	12.5	ND	57.5		25
Chloroethane	ND	12.5	ND	33.0		25
Chloroform	ND	12.5	ND	61.0		25
Chloromethane	ND	12.5	ND	25.8		25
cis-1,2-Dichloroethene	ND	12.5	ND	49.5		25
cis-1,3-Dichloropropene	ND	12.5	ND	56.7		25
Cyclohexane	ND	12.5	ND	43.0		25
Dibromochloromethane	ND	12.5	ND	106.		25
Dichlorodifluoromethane	ND	25.0	ND	124.		25
Ethanol	ND	50.0	ND	94.1		25
Ethyl Acetate	ND	12.5	ND	45.0		25
Ethylbenzene	ND	12.5	ND	54.2		25
Freon-113	ND	12.5	ND	95.7		25
Freon-114	ND	12.5	ND	87.3		25
Hexachlorobutadiene	ND	12.5	ND	133.		25
Isopropanol	ND	12.5	ND	30.7		25
Methylene chloride	ND	25.0	ND	86.8		25
4-Methyl-2-pentanone	ND	12.5	ND	51.2		25
Methyl tert butyl ether	ND	12.5	ND	45.0		25
p/m-Xylene	ND	25.0	ND	108.		25
o-Xylene	ND	12.5	ND	54.2		25
Heptane	ND	12.5	ND	51.2		25
n-Hexane	ND	25.0	ND	88.0		25
Propylene	ND	25.0	ND	43.0		25

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-01
Client ID: A7A VS-1
Sample Location: NEW BEDFORD MA
Date Collected: 12/28/06 12:35
Date Received: 12/29/06
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	12.5	ND	53.2		25
Tetrachloroethene	ND	12.5	ND	84.7		25
Tetrahydrofuran	35.3	12.5	104	36.8		25
Toluene	ND	12.5	ND	47.1		25
trans-1,2-Dichloroethene	ND	12.5	ND	49.5		25
trans-1,3-Dichloropropene	ND	12.5	ND	56.7		25
Trichloroethene	ND	12.5	ND	67.1		25
Trichlorofluoromethane	ND	12.5	ND	70.2		25
Vinyl acetate	ND	12.5	ND	44.0		25
Vinyl bromide	ND	12.5	ND	54.6		25
Vinyl chloride	ND	12.5	ND	31.9		25

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-01 R	Date Collected:	12/28/06 12:35
Client ID:	A7A VS-1	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/08/07 12:12		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
Acetone	8900	308	21100	730		153.8

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-03	Date Collected:	12/28/06 16:35
Client ID:	A7A VS-4	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/04/07 20:48		
Analyst:	PS		

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	12.5	ND	68.1		25
1,1,2,2-Tetrachloroethane	ND	12.5	ND	85.7		25
1,1,2-Trichloroethane	ND	12.5	ND	68.1		25
1,1-Dichloroethane	ND	12.5	ND	50.6		25
1,1-Dichloroethene	ND	12.5	ND	49.5		25
1,2,4-Trichlorbenzene	ND	12.5	ND	92.7		25
1,2,4-Trimethylbenzene	ND	12.5	ND	61.4		25
1,2-Dibromoethane	ND	12.5	ND	96.0		25
1,2-Dichlorobenzene	ND	12.5	ND	75.1		25
1,2-Dichloroethane	ND	12.5	ND	50.6		25
1,2-Dichloropropane	ND	12.5	ND	57.7		25
1,3,5-Trimethybenzene	ND	12.5	ND	61.4		25
1,3-Butadiene	ND	12.5	ND	27.6		25
1,3-Dichlorobenzene	ND	12.5	ND	75.1		25
1,4-Dichlorobenzene	ND	12.5	ND	75.1		25
1,4-Dioxane	ND	25.0	ND	90.0		25
2,2,4-Trimethylpentane	ND	12.5	ND	58.4		25
2-Butanone	ND	12.5	ND	36.8		25
2-Hexanone	ND	12.5	ND	51.2		25
3-Chloropropene	ND	12.5	ND	39.1		25
4-Ethyltoluene	ND	12.5	ND	61.4		25
Acetone	>2500	50	>5938	119		25
Benzene	ND	12.5	ND	39.9		25
Benzyl chloride	ND	12.5	ND	64.7		25
Bromodichloromethane	ND	12.5	ND	83.7		25

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-03 Date Collected: 12/28/06 16:35

Client ID: A7A VS-4 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	12.5	ND	129.		25
Bromomethane	ND	12.5	ND	48.5		25
Carbon disulfide	ND	12.5	ND	38.9		25
Carbon tetrachloride	ND	12.5	ND	78.6		25
Chlorobenzene	ND	12.5	ND	57.5		25
Chloroethane	ND	12.5	ND	33.0		25
Chloroform	ND	12.5	ND	61.0		25
Chloromethane	ND	12.5	ND	25.8		25
cis-1,2-Dichloroethene	ND	12.5	ND	49.5		25
cis-1,3-Dichloropropene	ND	12.5	ND	56.7		25
Cyclohexane	ND	12.5	ND	43.0		25
Dibromochloromethane	ND	12.5	ND	106.		25
Dichlorodifluoromethane	ND	25.0	ND	124.		25
Ethanol	ND	50.0	ND	94.1		25
Ethyl Acetate	ND	12.5	ND	45.0		25
Ethylbenzene	ND	12.5	ND	54.2		25
Freon-113	ND	12.5	ND	95.7		25
Freon-114	ND	12.5	ND	87.3		25
Hexachlorobutadiene	ND	12.5	ND	133.		25
Isopropanol	ND	12.5	ND	30.7		25
Methylene chloride	ND	25.0	ND	86.8		25
4-Methyl-2-pentanone	ND	12.5	ND	51.2		25
Methyl tert butyl ether	ND	12.5	ND	45.0		25
p/m-Xylene	ND	25.0	ND	108.		25
o-Xylene	ND	12.5	ND	54.2		25
Heptane	ND	12.5	ND	51.2		25
n-Hexane	ND	25.0	ND	88.0		25
Propylene	ND	25.0	ND	43.0		25

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-03 Date Collected: 12/28/06 16:35

Client ID: A7A VS-4 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	12.5	ND	53.2		25
Tetrachloroethene	ND	12.5	ND	84.7		25
Tetrahydrofuran	43.9	12.5	129	36.8		25
Toluene	ND	12.5	ND	47.1		25
trans-1,2-Dichloroethene	ND	12.5	ND	49.5		25
trans-1,3-Dichloropropene	ND	12.5	ND	56.7		25
Trichloroethene	ND	12.5	ND	67.1		25
Trichlorofluoromethane	ND	12.5	ND	70.2		25
Vinyl acetate	ND	12.5	ND	44.0		25
Vinyl bromide	ND	12.5	ND	54.6		25
Vinyl chloride	ND	12.5	ND	31.9		25

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-03 R	Date Collected:	12/28/06 16:35
Client ID:	A7A VS-4	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/08/07 13:59		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
Acetone	6660	335	15800	795		167.5

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-05	Date Collected:	12/28/06 13:08
Client ID:	B7A VS-6	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/07/07 21:25		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	12.5	ND	68.1		25
1,1,2,2-Tetrachloroethane	ND	12.5	ND	85.7		25
1,1,2-Trichloroethane	ND	12.5	ND	68.1		25
1,1-Dichloroethane	ND	12.5	ND	50.6		25
1,1-Dichloroethene	ND	12.5	ND	49.5		25
1,2,4-Trichlorbenzene	ND	12.5	ND	92.7		25
1,2,4-Trimethylbenzene	ND	12.5	ND	61.4		25
1,2-Dibromoethane	ND	12.5	ND	96.0		25
1,2-Dichlorobenzene	ND	12.5	ND	75.1		25
1,2-Dichloroethane	ND	12.5	ND	50.6		25
1,2-Dichloropropane	ND	12.5	ND	57.7		25
1,3,5-Trimethybenzene	ND	12.5	ND	61.4		25
1,3-Butadiene	ND	12.5	ND	27.6		25
1,3-Dichlorobenzene	ND	12.5	ND	75.1		25
1,4-Dichlorobenzene	ND	12.5	ND	75.1		25
1,4-Dioxane	ND	25.0	ND	90.0		25
2,2,4-Trimethylpentane	ND	12.5	ND	58.4		25
2-Butanone	228	12.5	671	36.8		25
2-Hexanone	ND	12.5	ND	51.2		25
3-Chloropropene	ND	12.5	ND	39.1		25
4-Ethyltoluene	ND	12.5	ND	61.4		25
Acetone	>2500	50	>5938	119		25
Benzene	ND	12.5	ND	39.9		25
Benzyl chloride	ND	12.5	ND	64.7		25
Bromodichloromethane	ND	12.5	ND	83.7		25

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-05 Date Collected: 12/28/06 13:08

Client ID: B7A VS-6 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	12.5	ND	129.		25
Bromomethane	ND	12.5	ND	48.5		25
Carbon disulfide	ND	12.5	ND	38.9		25
Carbon tetrachloride	ND	12.5	ND	78.6		25
Chlorobenzene	ND	12.5	ND	57.5		25
Chloroethane	ND	12.5	ND	33.0		25
Chloroform	ND	12.5	ND	61.0		25
Chloromethane	ND	12.5	ND	25.8		25
cis-1,2-Dichloroethene	ND	12.5	ND	49.5		25
cis-1,3-Dichloropropene	ND	12.5	ND	56.7		25
Cyclohexane	ND	12.5	ND	43.0		25
Dibromochloromethane	ND	12.5	ND	106.		25
Dichlorodifluoromethane	ND	25.0	ND	124.		25
Ethanol	ND	50.0	ND	94.1		25
Ethyl Acetate	ND	12.5	ND	45.0		25
Ethylbenzene	ND	12.5	ND	54.2		25
Freon-113	ND	12.5	ND	95.7		25
Freon-114	ND	12.5	ND	87.3		25
Hexachlorobutadiene	ND	12.5	ND	133.		25
Isopropanol	ND	12.5	ND	30.7		25
Methylene chloride	ND	25.0	ND	86.8		25
4-Methyl-2-pentanone	ND	12.5	ND	51.2		25
Methyl tert butyl ether	ND	12.5	ND	45.0		25
p/m-Xylene	ND	25.0	ND	108.		25
o-Xylene	ND	12.5	ND	54.2		25
Heptane	ND	12.5	ND	51.2		25
n-Hexane	ND	25.0	ND	88.0		25
Propylene	ND	25.0	ND	43.0		25

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-05 Date Collected: 12/28/06 13:08

Client ID: B7A VS-6 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	12.5	ND	53.2		25
Tetrachloroethene	ND	12.5	ND	84.7		25
Tetrahydrofuran	148	12.5	435	36.8		25
Toluene	ND	12.5	ND	47.1		25
trans-1,2-Dichloroethene	ND	12.5	ND	49.5		25
trans-1,3-Dichloropropene	ND	12.5	ND	56.7		25
Trichloroethene	ND	12.5	ND	67.1		25
Trichlorofluoromethane	ND	12.5	ND	70.2		25
Vinyl acetate	ND	12.5	ND	44.0		25
Vinyl bromide	ND	12.5	ND	54.6		25
Vinyl chloride	ND	12.5	ND	31.9		25

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-05 R	Date Collected:	12/28/06 13:08
Client ID:	B7A VS-6	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/09/07 22:36		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
Acetone	6680	204	15800	484		102

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-07	Date Collected:	12/28/06 15:30
Client ID:	C7A VS-13	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/08/07 11:00		
Analyst:	PS		

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	5.00	ND	27.2		10
1,1,2,2-Tetrachloroethane	ND	5.00	ND	34.3		10
1,1,2-Trichloroethane	ND	5.00	ND	27.2		10
1,1-Dichloroethane	ND	5.00	ND	20.2		10
1,1-Dichloroethene	ND	5.00	ND	19.8		10
1,2,4-Trichlorbenzene	ND	5.00	ND	37.1		10
1,2,4-Trimethylbenzene	ND	5.00	ND	24.6		10
1,2-Dibromoethane	ND	5.00	ND	38.4		10
1,2-Dichlorobenzene	ND	5.00	ND	30.0		10
1,2-Dichloroethane	ND	5.00	ND	20.2		10
1,2-Dichloropropane	ND	5.00	ND	23.1		10
1,3,5-Trimethybenzene	ND	5.00	ND	24.6		10
1,3-Butadiene	ND	5.00	ND	11.0		10
1,3-Dichlorobenzene	ND	5.00	ND	30.0		10
1,4-Dichlorobenzene	ND	5.00	ND	30.0		10
1,4-Dioxane	ND	10.0	ND	36.0		10
2,2,4-Trimethylpentane	ND	5.00	ND	23.3		10
2-Butanone	6.22	5.00	18.3	14.7		10
2-Hexanone	ND	5.00	ND	20.5		10
3-Chloropropene	ND	5.00	ND	15.6		10
4-Ethyltoluene	ND	5.00	ND	24.6		10
Acetone	654	20.0	1550	47.5		10
Benzene	ND	5.00	ND	16.0		10
Benzyl chloride	ND	5.00	ND	25.9		10
Bromodichloromethane	ND	5.00	ND	33.5		10

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-07 Date Collected: 12/28/06 15:30

Client ID: C7A VS-13 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	5.00	ND	51.6		10
Bromomethane	ND	5.00	ND	19.4		10
Carbon disulfide	ND	5.00	ND	15.6		10
Carbon tetrachloride	ND	5.00	ND	31.4		10
Chlorobenzene	ND	5.00	ND	23.0		10
Chloroethane	ND	5.00	ND	13.2		10
Chloroform	ND	5.00	ND	24.4		10
Chloromethane	ND	5.00	ND	10.3		10
cis-1,2-Dichloroethene	ND	5.00	ND	19.8		10
cis-1,3-Dichloropropene	ND	5.00	ND	22.7		10
Cyclohexane	ND	5.00	ND	17.2		10
Dibromochloromethane	ND	5.00	ND	42.6		10
Dichlorodifluoromethane	ND	10.0	ND	49.4		10
Ethanol	ND	20.0	ND	37.6		10
Ethyl Acetate	ND	5.00	ND	18.0		10
Ethylbenzene	ND	5.00	ND	21.7		10
Freon-113	ND	5.00	ND	38.3		10
Freon-114	ND	5.00	ND	34.9		10
Hexachlorobutadiene	ND	5.00	ND	53.3		10
Isopropanol	ND	5.00	ND	12.3		10
Methylene chloride	ND	10.0	ND	34.7		10
4-Methyl-2-pentanone	ND	5.00	ND	20.5		10
Methyl tert butyl ether	51.1	5.00	184	18.0		10
p/m-Xylene	ND	10.0	ND	43.4		10
o-Xylene	ND	5.00	ND	21.7		10
Heptane	ND	5.00	ND	20.5		10
n-Hexane	ND	10.0	ND	35.2		10
Propylene	ND	10.0	ND	17.2		10

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-07 Date Collected: 12/28/06 15:30

Client ID: C7A VS-13 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	5.00	ND	21.3		10
Tetrachloroethene	ND	5.00	ND	33.9		10
Tetrahydrofuran	16.3	5.00	48.0	14.7		10
Toluene	6.00	5.00	22.6	18.8		10
trans-1,2-Dichloroethene	ND	5.00	ND	19.8		10
trans-1,3-Dichloropropene	ND	5.00	ND	22.7		10
Trichloroethene	ND	5.00	ND	26.8		10
Trichlorofluoromethane	ND	5.00	ND	28.1		10
Vinyl acetate	ND	5.00	ND	17.6		10
Vinyl bromide	ND	5.00	ND	21.8		10
Vinyl chloride	ND	5.00	ND	12.8		10

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-08	Date Collected:	12/28/06 15:30
Client ID:	C7B VS-13	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/08/07 07:41		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	12.5	ND	68.1		25
1,1,2,2-Tetrachloroethane	ND	12.5	ND	85.7		25
1,1,2-Trichloroethane	ND	12.5	ND	68.1		25
1,1-Dichloroethane	ND	12.5	ND	50.6		25
1,1-Dichloroethene	ND	12.5	ND	49.5		25
1,2,4-Trichlorbenzene	ND	12.5	ND	92.7		25
1,2,4-Trimethylbenzene	ND	12.5	ND	61.4		25
1,2-Dibromoethane	ND	12.5	ND	96.0		25
1,2-Dichlorobenzene	ND	12.5	ND	75.1		25
1,2-Dichloroethane	ND	12.5	ND	50.6		25
1,2-Dichloropropane	ND	12.5	ND	57.7		25
1,3,5-Trimethybenzene	ND	12.5	ND	61.4		25
1,3-Butadiene	ND	12.5	ND	27.6		25
1,3-Dichlorobenzene	ND	12.5	ND	75.1		25
1,4-Dichlorobenzene	ND	12.5	ND	75.1		25
1,4-Dioxane	ND	25.0	ND	90.0		25
2,2,4-Trimethylpentane	ND	12.5	ND	58.4		25
2-Butanone	ND	12.5	ND	36.8		25
2-Hexanone	ND	12.5	ND	51.2		25
3-Chloropropene	ND	12.5	ND	39.1		25
4-Ethyltoluene	ND	12.5	ND	61.4		25
Acetone	1630	50.0	3880	119		25
Benzene	ND	12.5	ND	39.9		25
Benzyl chloride	ND	12.5	ND	64.7		25
Bromodichloromethane	ND	12.5	ND	83.7		25

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-08 Date Collected: 12/28/06 15:30

Client ID: C7B VS-13 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	12.5	ND	129.		25
Bromomethane	ND	12.5	ND	48.5		25
Carbon disulfide	ND	12.5	ND	38.9		25
Carbon tetrachloride	ND	12.5	ND	78.6		25
Chlorobenzene	ND	12.5	ND	57.5		25
Chloroethane	ND	12.5	ND	33.0		25
Chloroform	ND	12.5	ND	61.0		25
Chloromethane	ND	12.5	ND	25.8		25
cis-1,2-Dichloroethene	ND	12.5	ND	49.5		25
cis-1,3-Dichloropropene	ND	12.5	ND	56.7		25
Cyclohexane	ND	12.5	ND	43.0		25
Dibromochloromethane	ND	12.5	ND	106.		25
Dichlorodifluoromethane	ND	25.0	ND	124.		25
Ethanol	ND	50.0	ND	94.1		25
Ethyl Acetate	ND	12.5	ND	45.0		25
Ethylbenzene	ND	12.5	ND	54.2		25
Freon-113	ND	12.5	ND	95.7		25
Freon-114	ND	12.5	ND	87.3		25
Hexachlorobutadiene	ND	12.5	ND	133.		25
Isopropanol	ND	12.5	ND	30.7		25
Methylene chloride	ND	25.0	ND	86.8		25
4-Methyl-2-pentanone	ND	12.5	ND	51.2		25
Methyl tert butyl ether	69.8	12.5	252	45.0		25
p/m-Xylene	ND	25.0	ND	108.		25
o-Xylene	ND	12.5	ND	54.2		25
Heptane	ND	12.5	ND	51.2		25
n-Hexane	ND	25.0	ND	88.0		25
Propylene	ND	25.0	ND	43.0		25

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-08 Date Collected: 12/28/06 15:30

Client ID: C7B VS-13 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	12.5	ND	53.2		25
Tetrachloroethene	ND	12.5	ND	84.7		25
Tetrahydrofuran	ND	12.5	ND	36.8		25
Toluene	ND	12.5	ND	47.1		25
trans-1,2-Dichloroethene	ND	12.5	ND	49.5		25
trans-1,3-Dichloropropene	ND	12.5	ND	56.7		25
Trichloroethene	ND	12.5	ND	67.1		25
Trichlorofluoromethane	ND	12.5	ND	70.2		25
Vinyl acetate	ND	12.5	ND	44.0		25
Vinyl bromide	ND	12.5	ND	54.6		25
Vinyl chloride	ND	12.5	ND	31.9		25

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-09	Date Collected:	12/28/06 14:50
Client ID:	BACKGROUND-7	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/08/07 08:12		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	1.05	0.500	3.10	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	24.5	2.00	58.1	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-09 Date Collected: 12/28/06 14:50

Client ID: BACKGROUND-7 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	6.36	1.00	22.1	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-09 Date Collected: 12/28/06 14:50

Client ID: BACKGROUND-7 Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	3.12	0.500	11.7	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-10	Date Collected:	12/28/06 14:50
Client ID:	BACKGROUND-7 DUP	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/07/07 22:28		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	1.12	0.500	3.29	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	12.7	2.00	30.1	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-10 Date Collected: 12/28/06 14:50

Client ID: BACKGROUND-7 DUP Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	1.17	1.00	4.06	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-10 Date Collected: 12/28/06 14:50

Client ID: BACKGROUND-7 DUP Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	3.34	0.500	12.6	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID:	L0618982-11	Date Collected:	12/28/06 00:00
Client ID:	TRIP BLANK	Date Received:	12/29/06
Sample Location:	NEW BEDFORD MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/04/07 19:44		
Analyst:	PS		

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	ND	2.00	ND	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-11 Date Collected: 12/28/06 00:00

Client ID: TRIP BLANK Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

SAMPLE RESULTS

Lab ID: L0618982-11 Date Collected: 12/28/06 00:00

Client ID: TRIP BLANK Date Received: 12/29/06

Sample Location: NEW BEDFORD MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/04/07 12:55

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 01,03,11 Batch: WG266764-3						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	ND	2.00	ND	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/04/07 12:55

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 01,03,11 Batch: WG266764-3						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/04/07 12:55

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 01,03,11 Batch: WG266764-3						
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/07/07 17:03

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 01,05,07-10 Batch: WG266764-5						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	ND	2.00	ND	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/07/07 17:03

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 01,05,07-10 Batch: WG266764-5						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/07/07 17:03

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 01,05,07-10 Batch: WG266764-5						
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/08/07 13:19

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 03 Batch: WG266764-7						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	ND	2.00	ND	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/08/07 13:19

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 03 Batch: WG266764-7						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/08/07 13:19

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 03 Batch: WG266764-7						
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982

Project Number: 3261 **Report Date:** 01/10/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/09/07 20:59

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 05 Batch: WG266764-9						
Acetone	ND	2.00	ND	4.75		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,11 Batch: WG266764-1					
1,1,1-Trichloroethane	79	-	70-130	-	
1,1,2,2-Tetrachloroethane	97	-	70-130	-	
1,1,2-Trichloroethane	91	-	70-130	-	
1,1-Dichloroethane	92	-	70-130	-	
1,1-Dichloroethene	83	-	70-130	-	
1,2,4-Trichlorobenzene	**63**	-	70-130	-	
1,2,4-Trimethylbenzene	80	-	70-130	-	
1,2-Dibromoethane	93	-	70-130	-	
1,2-Dichlorobenzene	92	-	70-130	-	
1,2-Dichloroethane	102	-	70-130	-	
1,2-Dichloropropane	86	-	70-130	-	
1,3,5-Trimethylbenzene	77	-	70-130	-	
1,3-Butadiene	**69**	-	70-130	-	
1,3-Dichlorobenzene	90	-	70-130	-	
1,4-Dichlorobenzene	90	-	70-130	-	
1,4-Dioxane	90	-	70-130	-	
2,2,4-Trimethylpentane	82	-	70-130	-	
2-Butanone	105	-	70-130	-	
2-Hexanone	87	-	70-130	-	
3-Chloropropene	77	-	70-130	-	
4-Ethyltoluene	88	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,11 Batch: WG266764-1					
Acetone	86	-	70-130	-	
Benzene	89	-	70-130	-	
Benzyl chloride	77	-	70-130	-	
Bromodichloromethane	84	-	70-130	-	
Bromoform	83	-	70-130	-	
Bromomethane	75	-	70-130	-	
Carbon disulfide	79	-	70-130	-	
Carbon tetrachloride	85	-	70-130	-	
Chlorobenzene	95	-	70-130	-	
Chloroethane	70	-	70-130	-	
Chloroform	96	-	70-130	-	
Chloromethane	71	-	70-130	-	
cis-1,2-Dichloroethene	100	-	70-130	-	
cis-1,3-Dichloropropene	85	-	70-130	-	
Cyclohexane	98	-	70-130	-	
Dibromochloromethane	100	-	70-130	-	
Dichlorodifluoromethane	90	-	70-130	-	
Ethyl Alcohol	90	-	70-130	-	
Ethyl Acetate	109	-	70-130	-	
Ethylbenzene	110	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	81	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,11 Batch: WG266764-1					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	77	-	70-130	-	
Hexachlorobutadiene	74	-	70-130	-	
iso-Propyl Alcohol	82	-	70-130	-	
Methylene chloride	73	-	70-130	-	
4-Methyl-2-pentanone	82	-	70-130	-	
Methyl tert butyl ether	121	-	70-130	-	
p/m-Xylene	105	-	70-130	-	
o-Xylene	91	-	70-130	-	
Heptane	75	-	70-130	-	
n-Hexane	103	-	70-130	-	
Propylene	101	-	70-130	-	
Styrene	101	-	70-130	-	
Tetrachloroethene	92	-	70-130	-	
Tetrahydrofuran	114	-	70-130	-	
Toluene	105	-	70-130	-	
trans-1,2-Dichloroethene	92	-	70-130	-	
trans-1,3-Dichloropropene	83	-	70-130	-	
Trichloroethene	83	-	70-130	-	
Trichlorofluoromethane	80	-	70-130	-	
Vinyl acetate	113	-	70-130	-	
Vinyl bromide	77	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,11 Batch: WG266764-1					
Vinyl chloride	76	-	70-130	-	
Volatile Organic Compounds in Air Associated sample(s): 01,05,07-10 Batch: WG266764-4					
1,1,1-Trichloroethane	87	-	70-130	-	
1,1,2,2-Tetrachloroethane	109	-	70-130	-	
1,1,2-Trichloroethane	100	-	70-130	-	
1,1-Dichloroethane	100	-	70-130	-	
1,1-Dichloroethene	91	-	70-130	-	
1,2,4-Trichlorobenzene	99	-	70-130	-	
1,2,4-Trimethylbenzene	93	-	70-130	-	
1,2-Dibromoethane	106	-	70-130	-	
1,2-Dichlorobenzene	108	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,05,07-10 Batch: WG266764-4					
1,2-Dichloroethane	106	-	70-130	-	
1,2-Dichloropropane	95	-	70-130	-	
1,3,5-Trimethylbenzene	88	-	70-130	-	
1,3-Butadiene	83	-	70-130	-	
1,3-Dichlorobenzene	104	-	70-130	-	
1,4-Dichlorobenzene	104	-	70-130	-	
1,4-Dioxane	114	-	70-130	-	
2,2,4-Trimethylpentane	90	-	70-130	-	
2-Butanone	118	-	70-130	-	
2-Hexanone	116	-	70-130	-	
3-Chloropropene	97	-	70-130	-	
4-Ethyltoluene	101	-	70-130	-	
Acetone	90	-	70-130	-	
Benzene	99	-	70-130	-	
Benzyl chloride	98	-	70-130	-	
Bromodichloromethane	91	-	70-130	-	
Bromoform	92	-	70-130	-	
Bromomethane	86	-	70-130	-	
Carbon disulfide	102	-	70-130	-	
Carbon tetrachloride	92	-	70-130	-	
Chlorobenzene	109	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,05,07-10 Batch: WG266764-4					
Chloroethane	82	-	70-130	-	
Chloroform	102	-	70-130	-	
Chloromethane	90	-	70-130	-	
cis-1,2-Dichloroethene	112	-	70-130	-	
cis-1,3-Dichloropropene	99	-	70-130	-	
Cyclohexane	112	-	70-130	-	
Dibromochloromethane	113	-	70-130	-	
Dichlorodifluoromethane	99	-	70-130	-	
Ethyl Alcohol	96	-	70-130	-	
Ethyl Acetate	115	-	70-130	-	
Ethylbenzene	125	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	95	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	87	-	70-130	-	
Hexachlorobutadiene	110	-	70-130	-	
iso-Propyl Alcohol	98	-	70-130	-	
Methylene chloride	77	-	70-130	-	
4-Methyl-2-pentanone	104	-	70-130	-	
Methyl tert butyl ether	116	-	70-130	-	
p/m-Xylene	116	-	70-130	-	
o-Xylene	100	-	70-130	-	
Heptane	84	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,05,07-10 Batch: WG266764-4					
n-Hexane	113	-	70-130	-	
Propylene	**132**	-	70-130	-	
Styrene	114	-	70-130	-	
Tetrachloroethene	103	-	70-130	-	
Tetrahydrofuran	128	-	70-130	-	
Toluene	120	-	70-130	-	
trans-1,2-Dichloroethene	104	-	70-130	-	
trans-1,3-Dichloropropene	95	-	70-130	-	
Trichloroethene	91	-	70-130	-	
Trichlorofluoromethane	84	-	70-130	-	
Vinyl acetate	128	-	70-130	-	
Vinyl bromide	87	-	70-130	-	
Vinyl chloride	91	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 03 Batch: WG266764-6					
1,1,1-Trichloroethane	76	-	70-130	-	
1,1,2,2-Tetrachloroethane	108	-	70-130	-	
1,1,2-Trichloroethane	94	-	70-130	-	
1,1-Dichloroethane	90	-	70-130	-	
1,1-Dichloroethene	82	-	70-130	-	
1,2,4-Trichlorobenzene	80	-	70-130	-	
1,2,4-Trimethylbenzene	89	-	70-130	-	
1,2-Dibromoethane	102	-	70-130	-	
1,2-Dichlorobenzene	103	-	70-130	-	
1,2-Dichloroethane	93	-	70-130	-	
1,2-Dichloropropane	90	-	70-130	-	
1,3,5-Trimethylbenzene	86	-	70-130	-	
1,3-Butadiene	78	-	70-130	-	
1,3-Dichlorobenzene	101	-	70-130	-	
1,4-Dichlorobenzene	101	-	70-130	-	
1,4-Dioxane	106	-	70-130	-	
2,2,4-Trimethylpentane	86	-	70-130	-	
2-Butanone	106	-	70-130	-	
2-Hexanone	108	-	70-130	-	
3-Chloropropene	74	-	70-130	-	
4-Ethyltoluene	99	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 03 Batch: WG266764-6					
Acetone	82	-	70-130	-	
Benzene	92	-	70-130	-	
Benzyl chloride	89	-	70-130	-	
Bromodichloromethane	81	-	70-130	-	
Bromoform	85	-	70-130	-	
Bromomethane	78	-	70-130	-	
Carbon disulfide	81	-	70-130	-	
Carbon tetrachloride	82	-	70-130	-	
Chlorobenzene	106	-	70-130	-	
Chloroethane	75	-	70-130	-	
Chloroform	91	-	70-130	-	
Chloromethane	97	-	70-130	-	
cis-1,2-Dichloroethene	101	-	70-130	-	
cis-1,3-Dichloropropene	88	-	70-130	-	
Cyclohexane	104	-	70-130	-	
Dibromochloromethane	106	-	70-130	-	
Dichlorodifluoromethane	87	-	70-130	-	
Ethyl Alcohol	85	-	70-130	-	
Ethyl Acetate	106	-	70-130	-	
Ethylbenzene	119	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	80	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261
Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 03 Batch: WG266764-6					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	77	-	70-130	-	
Hexachlorobutadiene	89	-	70-130	-	
iso-Propyl Alcohol	86	-	70-130	-	
Methylene chloride	73	-	70-130	-	
4-Methyl-2-pentanone	92	-	70-130	-	
Methyl tert butyl ether	120	-	70-130	-	
p/m-Xylene	112	-	70-130	-	
o-Xylene	97	-	70-130	-	
Heptane	80	-	70-130	-	
n-Hexane	110	-	70-130	-	
Propylene	120	-	70-130	-	
Styrene	109	-	70-130	-	
Tetrachloroethene	99	-	70-130	-	
Tetrahydrofuran	119	-	70-130	-	
Toluene	117	-	70-130	-	
trans-1,2-Dichloroethene	88	-	70-130	-	
trans-1,3-Dichloropropene	84	-	70-130	-	
Trichloroethene	84	-	70-130	-	
Trichlorofluoromethane	74	-	70-130	-	
Vinyl acetate	114	-	70-130	-	
Vinyl bromide	80	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 03 Batch: WG266764-6					
Vinyl chloride	82	-	70-130	-	
Volatile Organic Compounds in Air Associated sample(s): 05 Batch: WG266764-8					
Acetone	75	-	70-130	-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-11 QC Batch ID: WG266764-2 QC Sample: L0618985-08 Client ID: DUP Sample					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trichlorbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethybenzene	ND	ND	ppbV	NC	25
1,3-Butadiene	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
2-Butanone	ND	ND	ppbV	NC	25
2-Hexanone	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-11 QC Batch ID: WG266764-2 QC Sample: L0618985-08 Client ID: DUP Sample					
3-Chloropropene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
Acetone	2.49	2.82	ppbV	12	25
Benzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Bromomethane	ND	ND	ppbV	NC	25
Carbon disulfide	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Cyclohexane	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-11 QC Batch ID: WG266764-2 QC Sample: L0618985-08 Client ID: DUP Sample					
Ethanol	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
Freon-113	ND	ND	ppbV	NC	25
Freon-114	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25
Isopropanol	ND	ND	ppbV	NC	25
Methylene chloride	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
Heptane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
Propylene	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
Tetrachloroethene	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
Toluene	ND	0.608	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-11 QC Batch ID: WG266764-2 QC Sample: L0618985-08 Client ID: DUP Sample					
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Trichlorofluoromethane	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
Vinyl bromide	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: KEITH MIDDLE SCHOOL
Project Number: 3261

Lab Number: L0618982
Report Date: 01/10/07

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0618982-01A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	TO-15
L0618982-02A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	HOLD
L0618982-03A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	TO-15
L0618982-04A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	HOLD
L0618982-05A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	TO-15
L0618982-06A	Canister - 2.7 Liter	NA	NA	NA	Y	Absent	HOLD
L0618982-07A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	TO-15
L0618982-08A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	TO-15
L0618982-09A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	TO-15
L0618982-10A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	TO-15
L0618982-11A	Canister - 2.7 Liter	N/A	NA	NA	NA	Absent	TO-15

Project Name:	KEITH MIDDLE SCHOOL	**Lab Number:**	L0618982
Project Number:	3261	**Report Date:**	01/10/07

GLOSSARY

Acronyms

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

ND - Not detected at the reported detection limit for the sample.

RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Report Format: Not Specified

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618982
Project Number: 3261 **Report Date:** 01/10/07

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Date Rec'd in Lab: 12/29

ALPHA Job #: L0618982

Client Information

Client: BETA Group, Inc.
Address: 315 Norwood Park South
Norwood, MA 02062
Phone: 781-255-1982
Fax: 781-255-1974
Email: ghanscom@beta-inc.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Keith Middle School
Project Location: New Bedford MA
Project #: 3261
Project Manager: Al Hanscom
ALPHA Quote #:

Turn-Around Time

☑ Standard (5 DAYS, TO-13: 10 DAYS) ☐ RUSH (only confirmed if pre-approved!)
Date Due: 1/8 Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker: (Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed	Program	Criteria

Other Project Specific Requirements/Comments:

2.75 Liter SUMMAs

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	TO-14A	TO-15	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY		Sample Comments	TOTAL # CONTAINERS
18982-01	A7A VS-1	12/28/06	835	235	Air	DGB	0375	7204106		✓								PID = 189 ppb	1
-02	A7B VS-1 Hold		835	1235			0230	7248236		✓								189 ppb	1
-03	A7A VS-4		1235	435			0255	7208375		✓								132 ppb	1
-04	A7B VS-4 Hold		1235	435			0252	0208371		✓								132 ppb	1
-05	B7A VS-6		908	108			0372	A038		✓								306 ppb	1
-06	B7B VS-6 Hold		908	108			0233	7247417		✓								306 ppb	1
-07	C7A VS-13		1130	330			0528	7276959		✓								28.6 ppm	1
-08	C7B VS-13		1130	330			0452	7313531		✓								28.6 ppm	1
-09	Background-7		1050	250			0194	7276953		✓								106 ppb	1
-10	Background-7 Dup		1050	250			0235	7202014		✓								106 ppb	1

Shaded Gray Areas For Lab Use Only

Container Type								
	C/S							

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

Do not analyze samples marked "Hold." Please retain for possible future use.
Thanks

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible] 12/30/06 11	12/30/06 1:15	D. Rolle 12/30/06	1:16
	12/30/06 1:45	[illegible]	12/29 18:45

Form No: 01-03 (rev. 8-JUN-05)

AIR ANALYSIS

PAGE 2 OF 2

Date Rec'd in Lab: 12/29

ALPHA Job #: L0618982

CHAIN OF CUSTODY

ALPHA ANALYTICAL LABS
Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: BETA Group, Inc.
Address: 315 Norwood Parks
Norwood MA 02062
Phone: 781-255-1982
Fax: 781-255-1974
Email: ahanscom@beta-inc.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Keith Middle School
Project Location: New Bedford MA
Project #: 3261
Project Manager: Al Hanscom
ALPHA Quote #:

Turn-Around Time

☑ Standard 5 DAYS TO-13: 10 DAYS
☐ RUSH (only confirmed if pre-approved!)
Date Due: 1/8 Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed	Program	Criteria

Other Project Specific Requirements/Comments:

2.75-Liter SUMMA

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Start Time	Collection End Time	Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	TO-14A	TO-15	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	Sample Comments	TOTAL # CONTAINERS
18982-1	Trip Blank	12/28/06	N/A	N/A	Air	DCD	0185	—		✓								1
Container Type										CS								

Shaded Gray Areas For Lab Use Only

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/30/06 1:15	D. [signature]	12/30/06 1:15
D. [signature]	12/30/06 1845	[signature]	12/29 18:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

Form No: 01-03 (rev. 8-JUN-05)

ANALYTICAL REPORT

Prepared for:
BETA Group, Inc.
315 Norwood Park South
Norwood, MA 02062

Project:	Keith Middle School
ETR:	0701016
Report Date:	January 12, 2007

Certifications and Accreditations
Massachusetts MA030
Connecticut PH-0141
New Hampshire 220602
Rhode Island 64
New Jersey MA015
Maine MA030
New York 11627
Louisiana 03090
Army Corps of Engineers
Department of the Navy
Florida E87814

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CASE NARRATIVE
Alpha Woods Hole Labs

ETR: 0701016
Project: Keith Middle School

All analyses were performed according to Alpha Woods Hole Labs quality assurance program and documented Standard Operating Procedures (SOPs). The analytical results contained in this report were performed within holding time, and with appropriate quality control measures, except where noted. A summary of all state and federal accreditations is provided within this report. Blank correction of results is not performed in the laboratory for any parameter. Soil/sediment samples are reported on a dry weight basis unless otherwise noted. Tissue and sediment samples are not certifiable under the NELAC accreditation.

PCB Congeners by GC/MS-SIM

Samples were prepared by soxhlet extraction method TO-4 *Determination of PCB Congeners in Ambient Air using high volume Polyurethane Foam (PUF)*. Samples were extracted at Alpha Woods Hole Labs Westboro MA facility. Extracts were analyzed at Alpha Woods Hole Labs Raynham MA facility by GC/MS-SIM following the procedures outlined in the laboratory SOP O-015 *PCB and Pesticides by GC/MS-SIM (Rev. 2.0, 06/19/06)*. Analytes are introduced into the GC/MS by injecting a known volume of the calibration standards, quality control samples, and sample extracts into the GC equipped with a narrow-bore capillary column. The GC column is temperature programmed to separate the analytes, which are then detected with a mass spectrometer operating in the selective ion mode (SIM). Identification of target analytes in samples is accomplished by comparing retention times, and the mass spectra with those of the calibration standards. Concentrations are determined using mean relative response factors from a multi-level calibration curve. Reporting limits are established from a method detection limit study performed on blank cartridges fortified with known concentrations of all target compounds using the above outlined procedures.

1. All data met quality objectives.

The enclosed results of analyses are representative of the samples as received by the laboratory. Alpha Woods Hole Labs makes no representations or certifications as to the method of sample collection, sample identification, or transporting/handling procedures used prior to the receipt of samples by Alpha Woods Hole Labs. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved by: Gerard R. Gribbin Title: Sr. Project Manager Date: 1-12-07

Sample ID Cross Reference

Client: **BETA Group, Inc.**
Project: **Keith Middle School**

Lab Code: **MA00030**
ETR: **0701016**

Lab Sample ID	Client Sample ID
0701016-01	A7A VS-1
0701016-02	A7A VS-4
0701016-03	B7A-VS-6
0701016-04	C7A VS-13
0701016-05	C7B VS-13
0701016-06	Background-7
0701016-07	Trip Blank

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A7A VS-1**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-01**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	85	50-125
Cl8-BZ#202-C13	87	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:55

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A7A VS-1**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-01**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A7A VS-1**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-01**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A7A VS-1**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-01**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	85	50-125
Cl8-BZ#202-C13	87	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:55

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A7A VS-4**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-02**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	92	50-125
Cl8-BZ#202-C13	90	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A7A VS-4**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-02**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A7A VS-4**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-02**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A7A VS-4**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-02**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	92	50-125
Cl8-BZ#202-C13	90	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **B7A-VS-6**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-03**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	91	50-125
Cl8-BZ#202-C13	97	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:56

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **B7A-VS-6**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-03**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **B7A-VS-6**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-03**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **B7A-VS-6**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-03**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	91	50-125
Cl8-BZ#202-C13	97	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:56

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C7A VS-13**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-04**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	102	50-125
Cl8-BZ#202-C13	106	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:56

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C7A VS-13**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-04**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C7A VS-13**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-04**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C7A VS-13**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-04**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	102	50-125
Cl8-BZ#202-C13	106	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:57

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C7B VS-13**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-05**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	90	50-125
Cl8-BZ#202-C13	99	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:57

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C7B VS-13**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-05**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C7B VS-13**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-05**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C7B VS-13**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-05**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	90	50-125
Cl8-BZ#202-C13	99	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:57

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background-7**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-06**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	76	50-125
Cl8-BZ#202-C13	79	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:57

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background-7**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-06**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background-7**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-06**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background-7**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-06**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	76	50-125
Cl8-BZ#202-C13	79	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:58

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Trip Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-07**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	75	50-125
Cl8-BZ#202-C13	77	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:58

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Trip Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-07**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Trip Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-07**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Trip Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **0701016-07**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	75	50-125
Cl8-BZ#202-C13	77	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:58

Blank
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **SC011007B07**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	63	50-125
Cl8-BZ#202-C13	65	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:54

Blank
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **SC011007B07**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **SC011007B07**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **SC011007B07**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	63	50-125
Cl8-BZ#202-C13	65	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 09:54

Laboratory Control Sample
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **SC011007L03**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Percent Solid	Analyst
N/A	N/A	01/02/07	100	SEO

Parameter	Conc.	% Recovery	% Recovery Limits
Cl1-BZ#1	21	52	40-140
Cl1-BZ#3	22	54	40-140
Cl2-BZ#4/#10[1]	27	68	40-140
Cl2-BZ#8	23	57	40-140
Cl3-BZ#19	22	54	40-140
Cl3-BZ#18	21	53	40-140
Cl2-BZ#15	22	54	40-140
Cl4-BZ#54	25	63	40-140
Cl3-BZ#29	26	65	40-140
Cl4-BZ#50	26	64	40-140
Cl3-BZ#31	22	54	40-140
Cl3-BZ#28	24	59	40-140
Cl4-BZ#45	25	64	40-140
Cl4-BZ#52	21	52	40-140
Cl4-BZ#49	24	60	40-140
Cl5-BZ#104	26	64	40-140
Cl4-BZ#47	24	60	40-140
Cl4-BZ#44	23	58	40-140
Cl3-BZ#37	17	43	40-140
Cl5-BZ#95/#88[1]	25	63	40-140
Cl4-BZ#74	24	59	40-140
Cl6-BZ#155	28	70	40-140
Cl4-BZ#70	26	65	40-140
Cl4-BZ#66	23	58	40-140
Cl5-BZ#101/#90[1]	26	65	40-140
Cl4-BZ#56	23	57	40-140
Cl5-BZ#99	25	64	40-140
Cl5-BZ#87/#111[1]	21	53	40-140
Cl6-BZ#154	28	71	40-140
Cl5-BZ#110	24	59	40-140
Cl4-BZ#81	27	68	40-140
Cl6-BZ#151	25	62	40-140
Cl6-BZ#147/#149[1]	24	61	40-140

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Laboratory Control Sample
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701016**
Lab ID: **SC011007L03**
Associated Blank: **SC011007B07**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Percent Solid	Analyst
N/A	N/A	01/02/07	100	SEO

Parameter	Conc.	% Recovery	% Recovery Limits
Cl4-BZ#77	26	65	40-140
Cl5-BZ#107/#123[1]	28	69	40-140
Cl7-BZ#188	26	64	40-140
Cl5-BZ#118	24	59	40-140
Cl6-BZ#146	25	63	40-140
Cl5-BZ#114	24	61	40-140
Cl6-BZ#153	24	59	40-140
Cl5-BZ#105	20	51	40-140
Cl6-BZ#138	24	59	40-140
Cl6-BZ#129/#158[1]	30	76	40-140
Cl7-BZ#187	27	67	40-140
Cl7-BZ#183	28	70	40-140
Cl5-BZ#126	24	59	40-140
Cl7-BZ#174	23	58	40-140
Cl6-BZ#128	24	60	40-140
Cl6-BZ#167	30	74	40-140
Cl8-BZ#202	29	73	40-140
Cl7-BZ#177	24	61	40-140
Cl8-BZ#204/#200[1]	27	67	40-140
Cl6-BZ#156	26	64	40-140
Cl6-BZ#157	24	60	40-140
Cl7-BZ#180	20	51	40-140
Cl8-BZ#201	26	64	40-140
Cl7-BZ#170	28	70	40-140
Cl6-BZ#169	29	72	40-140
Cl9-BZ#208	27	67	40-140
Cl7-BZ#189	30	76	40-140
Cl8-BZ#195	26	65	40-140
Cl8-BZ#194	27	66	40-140
Cl8-BZ#205	29	73	40-140
Cl9-BZ#206	27	67	40-140
Cl10-BZ#209	26	65	40-140

[1] = These two Congeners are reported as a co-eluting pair.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	63	50-125
Cl8-BZ#202-C13	69	50-125

N/A - Not Applicable

Concentrations reported as calculated values, which includes rounding for significant figures. Percent recoveries and RPD values are calculated from the unrounded result.

01/11/07 09:40

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Date Rec'd in Lab: 12/29/06

ALPHA Job #: 0701016 L0618986

Client Information

Client: BETA Group, Inc.
Address: 315 Norwood Park South, Norwood, MA 02062
Phone: 781-255-1982
Fax: 781-255-1974
Email: ahanscom@beta-inc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Keith Middle School
Project Location: New Bedford, MA
Project #: 3261
Project Manager: Al Hanscom
ALPHA Quote #:

Turn-Around Time

☑ Standard (5 DAYS; TO-13: 10 DAYS) ☐ RUSH (only confirmed if pre-approved!)
Date Due: 1/8/07 Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

Low Volume PUF Cartridges

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Sample Matrix	Sampler's Initials	PUF ID ~~Cart~~	PUMP ID ~~Flow Controller~~	TO-14A	TO-15	TO-15 SIM	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
8986-01	A7A VS-1	12/28/06	835	934	Air	DGB	LP-4	634114										✓	PID = 189 ppb
-02	A7B VS-1 Hold		835	934			LP-15	639066										✓	189 ppb
-03	A7A VS-4		1235	~~435~~ 1035			LP-89	707606										✓	
-04	A7B VS-4 Hold		1235	~~435~~ 1035			LP-62	585533										✓	
-05	D7A-VS-6		908	1018			LP-18	584820										✓	306 ppb
-06	D7B VS-6 Hold		908	1018			LP-20	584128										✓	306 ppb
-07	C7A VS-13		1130	205			LP-58	665342										✓	
-08	C7B VS-13		1130	205			LP-5	665208										✓	
-09	Background-7		1050	250			LP-61	584617										✓	
-10	Trip Blank		N/A	N/A			LP-79	—										✓	

Shaded Gray Areas For Lab Use Only

Container Type: PUF Cartridge

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

Do not analyze samples marked "Hold." Please retain for possible future use. Thanks

Relinquished By:	Date/Time	Received By:	Date/Time:
[illegible]	12/30/06 1:13	D. Bowles	12/30/06 1:13
D. Bowles	12/30/06 1845	T. Feeney	12/29/06 1845
[illegible]	1-5-07	Paul Gillett	1-5-06 14:25
Paul Gillett	1-5-07 14:25		

Form No: 01-03 (rev. 28-NOV-06)

Technique: Soxhlet
Start Time: 17:00
Stop Time:

Run I.D.: R260843

0701016

Concentration Method: KD

PCB Cong.

	Sample	Puff Cart. ID	Analyte	Extraction Date	Extraction Analyst	Cartridge (High/Low)	Surr Vol	Spk Vol	Sox ID	Concentration Date	Concentration Analyst	Vol	Acid/Florsil Cleaning Date	Analyst	Acid vol.	Aliq. Vol	Final Vol	Transfer Date	Transfer To	Comment *	Comment Date Due
	RSB 18965.1	—	PCB Cong	1/2/07	RM	—	—	—	H3	1/4/06	RM	1mL						1/5/07	~~HSG~~ RA	RA	1/8
	PB 18965.1	LP 69				Low	1mL Cong		I5			1mL									
	LCS 18965.1	LP 71					1mL Cong	1mL Cong	I6			1mL									
	A 18965.1	LP 68					1mL Cong		J1			1mL									
	A .2	LP 60					1mL Cong		J2			1mL									
	A .3	LP 59					1mL Cong		J3			1mL									
	A .4	LP 64					1mL Cong		J4			1mL									
	A .5	LP 65					1mL Cong		J5			1mL									
-01	A 18986.1	LP 4							M1			1mL									
-02	A .3	LP 89							M2			1mL									
-03	A .5	LP 18							M3			1mL									
-04	A .7	LP 58							M4			1mL									
-05	A .8	LP 5							M5			1mL									
-06	A .9	LP 61							M6			1mL									
-07	A .10	LP 79							N1			1mL									

Extraction Solvent: DCM Lot #: CS438	PCB Cong Surrogate Lot #: CSW 103006A ~~Prep~~ Exp Date: 4/20/07	PCB Cong. Spike Lot #: CLW070606A ~~Prep~~ Exp Date: 1/07	Florisil Lot#: % Humidity:

H_2SO_4 Lot #:

* See reverse side for comments

Stop 10:45

Form No.: 02-34

Sample Receipt Checklist

Client: BETA Group	**Receipt Date:** 1-5-07		
Project: Keith Middle School	**Log-in Date:** 1-6-07		
ETR #: 0701016	**Inspection by:** KJB	**Login by:** GRT	

ALL SECTIONS BELOW MUST BE COMPLETED

Comments / Notes

Were samples shipped? Yes, FedEx / UPS / Other:_____
No, WHG Courier pick-up / Hand delivered

Is bill of lading retained? Yes, Tracking #:_____
No, Unavailable / NA

Number of coolers received for this project delivery: 1

Indicate cooler temperature upon opening (if multiple coolers, record all temps):

Note: If all coolers are 2-6°C, use one checklist, if NOT, use separate checklists and note all samples received *above* 6°C.

Cooler 1:
Temperature(s) taken from: 7° IR Gun, 6° Temp. Blank, / NA

Were samples received on ice? Yes / No

Chain-of-Custody present? Yes / No
Complete? Yes / No

Custody seals present on Cooler? Yes / No
on Bottles? Yes / No
Intact? Yes / No / NA
Note: Affix custody seals to back of this page.

Were sample containers intact? Yes / No If No, list samples: →

Did VOA/VPH waters contain headspace (>5mm)? Yes / No / NA If Yes, list samples: →

Were 5035 VOA soils, or VPH soils, *covered* with MeOH? Yes / No / NA
If No, list samples: →

Was a sufficient amount of sample received for each test indicated on the COC?
Yes / No If No, list samples: →

If chemical preservation is appropriate -
Were samples field preserved? Yes / No / NA
☐ C=HCl ☐ M=MeOH ☐ S=H_2SO4
☐ H=NaOH ☐ N=HNO_3 ☐ Other:_____ ☐ U= Unknown

Preservation (pH) verified at lab for *EVERY* bottle? (Not: VOA / VPH / Sulfide)
YES: <2 or >12 (CN) or NO NA
If No, why?:

Were samples received within hold time? Yes / No If No, list samples: →

Discrepancy between samples rec'd & COC ? Yes / No If Yes, list samples: →

Was the Project Manager notified of any other problems? Yes / No / NA

Project Manager Acknowledgement: Date:

Sample storage refrigerator #:_____

Sample storage freezer #:_____

Cooler 2:_____ Cooler 3:_____

Cooler 4:_____ Cooler 5:_____

Cooler 6:_____ Cooler 7:_____

More:_____

Chemical preservation OK for ALL samples?

Yes / No / N/A

If No, list samples below:

Please use back for any additional notes!

Certificate Program Summary

Method numbers assume the most recent EPA revisions. For a complete listing of analytes for the referenced methods please contact your Alpha Woods Hole Lab Project Manager or the Quality Assurance Manager.

Connecticut Department of Public Health Certificate No. : PH-0141 - *Wastewater* (General Chemistry: 120.1, 150.1, 160.1, 160.2, 180.1, 300.0, 310.1, 335.2, 365.2, 405.1, 413.1, COD HACH 8000; Metals: 200.7, 245.1; Organics: 608, 624, 625). *Solid Waste/Soil* (General Chemistry: 1010, 9010/9014, 9045, 9056, 9060; Metals: 6010, 6020, 7041, 7471; Organics: 8081, 8082, 8260, 8270, ETPH).

Florida Department of Health Certificate No. : E87814 - Secondary NELAP Accreditation for *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, SM2320B, 335.2, 365.2, 413.1, 420.1, SM2540G, COD HACH 8000; Metals: 200.7, 204.2, 206.2, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624, 625). *Solid and Hazardous Waste* (General Chemistry: 9010/9014, 9045, 9050, 9056, 9060, 9065; Metals: 6010, 6020, 7041, 7060, 7421, 7470, 7471, 7740, 7841; Organics: 8081, 8082, 8260, 8270).

Louisiana Department of Environmental Quality Certificate No. : 03090 - Primary NELAP Accrediting Authority for *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 376.2, 405.1, 413.1, 420.1, SM2540G, COD HACH 8000; Metals: 200.7, 204.2, 206.2, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624, 625). *Solid and Hazardous Waste* (General Chemistry:1010, 1311, 9010/9014, 9045, 9056, 9060; Metals: 6010, 6020, 7041, 7060, 7191, 7421, 7470, 7471, 7740, 7841; Organics: 8081, 8082, 8260, 8270).

Maine Department of Human Services Certificate No. : MA030 - *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 405.1, 413.1, 420.1, COD HACH 8000; Metals: 200.7, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624).

Massachusetts Department of Environmental Protection Certificate No. : M-MA030 - *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 405.1, 413.1, 420.1, COD HACH 8000; Metals: 200.7, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624).

New Hampshire Department of Environmental Services Certificate No. : 220604 - Secondary NELAP Accreditation for *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 376.2, 405.1, 413.1, 420.1, COD HACH 8000, SM2540G; Metals: 200.7, 204.2, 206.2, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624, 625).

New Jersey Department of Environmental Protection Certificate No. : MA015 - *Solid and Hazardous Waste* (General Chemistry: 1010, 1311, 3060, 7196, 9010/9014, 9045, 9056, 9060; Metals: 3010, 3015, 3020, 3050, 3051, 6010, 6020, 7041, 7060, 7131, 7191, 7211, 7421, 7470, 7471, 7520, 7740, 7761, 7841; Organics: 3510, 3545, 5030, 5035, 3620, 3630, 3640, 3660, 8081, 8082, 8100, 8260, 8270).

New York Department of Health Certificate No. : 11627 - Secondary NELAP Accreditation for *Wastewater* (Metals: 200.7, 204.2, 206.2, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624, 625). *Solid and Hazardous Waste* (Metals: 6010, 7041, 7060, 7470, 7471, 7740; Organics: 8081, 8082, 8260, 8270).

Rhode Island Department of Health Certificate No. : 00064 - Chemistry: *Organic and Inorganic in Surface Water, Wastewater/Sewage and Soil* (Method numbers not specified with certificate.)

U.S. Army Corps of Engineers - General Chemistry: 9010/9014, 9071/418.1, 9060; Organics: 8081, 8082, 8260, 8270, 8270-SIM; Metals: 6010, 6020, 7000.

Department of the Navy - General Chemistry: 9010/9014, 9060; Organics: 8081, 8082, 8015-mod, 8260, 8270, 8270-SIM; Metals: 6010, 6020.

BETA Group, Inc.
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January 19, 2007

Mr. Scott Alfonse, Director
Environmental Stewardship
City of New Bedford
133 William Street
New Bedford, MA 02740

Re: Keith Middle School
Results of December 28-29, 2006 Indoor VOC & PCB Air Sampling

Dear Scott:

BETA Group, Inc. (BETA) conducted the most recent indoor air quality (IAQ) sampling event over the 24-hour period on December 28-29, 2006 at the referenced location (the Site). The sampling consisted of the collection of high volume air samples using polyurethane foam (PUF) cartridges for analysis of polychlorinated biphenyls (PCBs) and the collection of air samples using six-liter SUMMA canisters for analysis of volatile organic compounds (VOCs). The sample collection procedures and analytical methods have been described in detail in BETA's Long Term Monitoring and Maintenance Implementation Plan (revision 4.0) dated October 20, 2006.

BETA concurrently performed sampling of the Site sub-slab foundation venting system. A summary of the air sampling of the sub-slab venting system will be provided under separate cover.

Findings

BETA collected two indoor and one outdoor background sample (with duplicate) for PCB analysis. The third indoor PCB sample collected in the Auditorium was not submitted for analysis, since the high-volume sampler at that location was apparently shut off by unauthorized personnel during the sampling period. The locations of the sampling points are shown on the attached Figure 1. The attached Table 1 provides a summary of the PCB results, including the detected concentrations of Total PCBs and a breakdown of the PCBs found on the quartz prefilters and the PUF cartridges, respectively.

The highest Total PCB detection was in the <u>background sample</u> at 31 nanograms. Based on the volume of air passing through the sampler, the corresponding PCB concentration in air is 0.00008 micrograms per cubic meter ($\mu g/M^3$), less than 1% of the EPA action level of 0.05 $\mu g/M^3$ set for indoor air quality. The detections at the remaining indoor locations: the Building A hallway and the faculty dining room, were both 0.00005 $\mu g/M^3$. BETA has prepared summary graphs showing the PCB concentrations in indoor and background air over the course of the six sampling events performed between August and December 2006.

BETA collected three indoor air samples and one outdoor background sample (with duplicate) for VOC analyses. These samples were collected at the same locations as the PCB samples, as shown on the attached Figure 1. The attached Table 2 provides a summary of the VOC results from these four locations, including detection of fifteen VOCs. The highest total VOC (TVOC)

concentration was detected in the Auditorium sample (338 $\mu g/M^3$). The background and background duplicate samples contained TVOCs at 12 and 6 $\mu g/M^3$, respectively. No VOCs were detected in the trip blank.

Conclusions

All maximum detection of PCB in air concentrations continues to be less than 1% of the USEPA's established action level of 0.05 $\mu g/M^3$.

The detected VOCs are all typical constituents of construction materials, gasoline and/or vehicle exhaust. Three of the detected VOCs in indoor air (xylenes, styrene, and toluene) exceed a Threshold Effects Exposure Limit (TEL) and/or an Allowable Ambient Limit (AAL) published by the Massachusetts Department of Environmental Protection (DEP). The concentrations are only slightly above the respective TEL/AAL and are expected to continue to decrease over time. The TVOC concentrations in the Auditorium increased slightly between November and December. BETA will evaluate the TVOC trending in the Auditorium in the January sampling round. The attached graph of Total VOC concentrations shows the steady decrease in total VOC concentrations in air in the remaining indoor locations between August and December.

Recommendations

BETA has completed five consecutive rounds of monthly indoor air sampling (August through December 2006) and a sixth event is scheduled for January 2007. These sampling rounds have confirmed that PCBs in indoor air are consistently well below the EPA action level of 0.05 $\mu g/M^3$, and that total VOCs have generally continued to decrease over time. As requested, we will continue to perform monthly air sampling, until otherwise directed by the City.

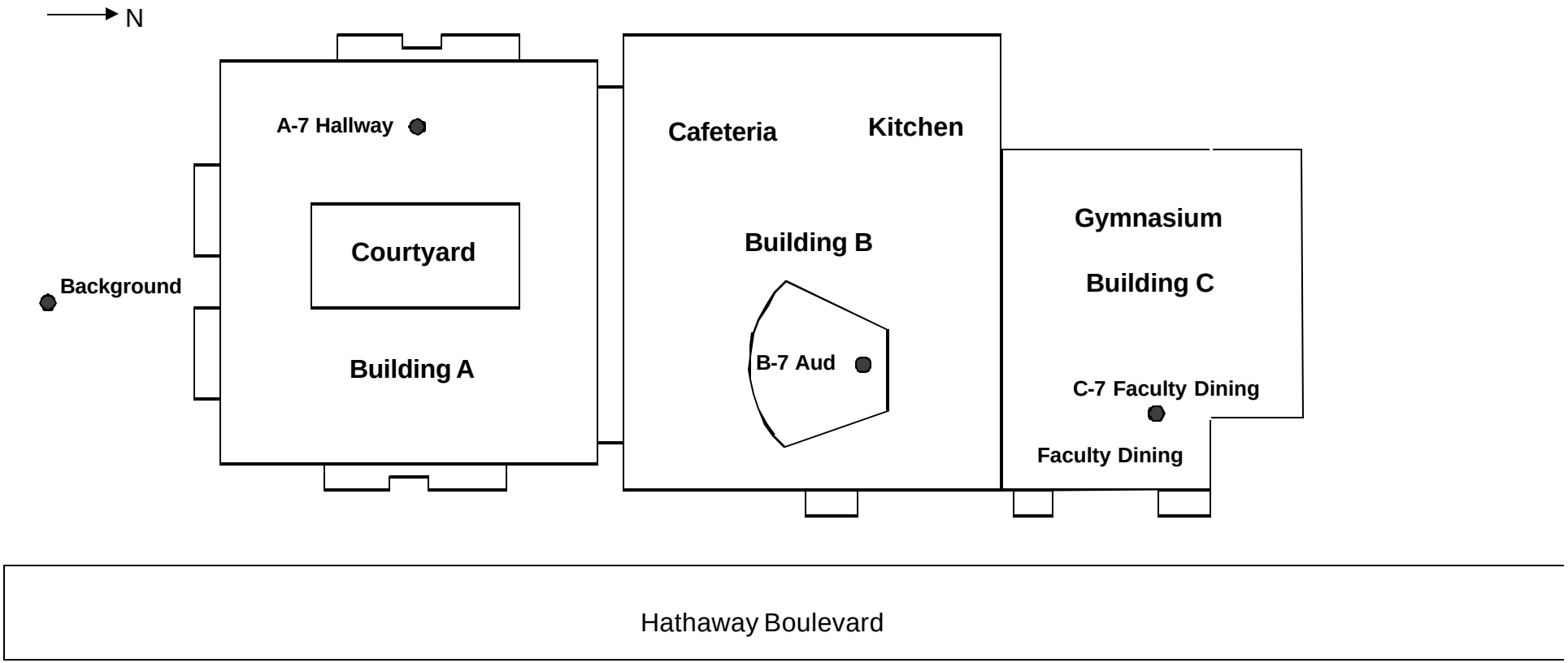
If you have any questions or comments, please call me at 781-255-1982.

Very truly yours,
BETA Group, Inc.

Alan D. Hanscom, P.E., LSP
Associate

cc: Kim Tisa, EPA Region I
Mayor Scott W. Lang, City of New Bedford
Lawrence Oliveira, Business Manager, NBPS
D. Billo, BETA

Figure 1
Keith Middle School
Indoor Air Sampling Locations



BETA Group, Inc.
Engineers • Scientists • Planners
315 Norwood Park South, Norwood, MA 02062 781.255.1982
email: beta@beta-inc.com

= Indoor Air Sampling Point

Table 1
Keith Middle School
Indoor Air Sampling
12/28/2006

	A-7 Hallway		B-7 Auditorium		C-7 Faculty Dining		Background-7		Background Dup-7		Trip Blank		Laboratory Blank	
Congener Groups (ng)	**PUF**	**Filter**	**PUF**	**Filter**	**PUF**	**Filter**	**PUF**	**Filter**	**PUF**	**Filter**	**PUF**	**Filter**	**PUF**	**Filter**
Monochlorobiphenyls	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobiphenyls	ND	ND	NA	ND	ND	ND	8.4	ND	4.7	ND	ND	ND	ND	ND
Trichlorobiphenyls	ND	ND	NA	ND	ND	ND	ND	0.50*	ND	2.4*	ND	5.8*	ND	4.4
Tetrachlorobiphenyls	ND	ND	NA	ND	ND	ND	13	1.0*	6.3	0.63*	ND	8.9*	ND	6.9
Pentachlorobiphenyls	ND	ND	NA	ND	ND	ND	4.9	ND	2.9	ND	ND	1.8*	ND	2.9
Hexachlorobiphenyls	6.9	3.4*	NA	ND	7.5	0.51*	0.74	1.7*	ND	ND	ND	ND	ND	3.3
Heptachlorobiphenyls	4.7	1.8*	NA	ND	8.5	ND	ND	0.73*	ND	ND	ND	ND	ND	2.9
Octachlorobiphenyls	ND	ND	NA	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Decachlorobiphenyls	ND	0.73*	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.62
Total PCBs (ng)	12	6	NA	ND	17	0.51	27	3.9	14	3	ND	16	ND	21
Sample Volume (M^3 of Air)	352		N/A		367		393		408		0		0	
Total PCB (ug/M^3)	0.00005		N/A		0.00005		0.00008		0.00004					
EPA Action Level (ug/M^3)	0.05		0.05		0.05		0.05		0.05					

ND = Not Detected
NA = Not Applicable
ng = nanograms
*** = Found in associated blank as well as sample**

Table 2
Keith Middle School
Indoor Air Quality
Volatile Organic Compounds (VOCs)
Dec. 28-29, 2006

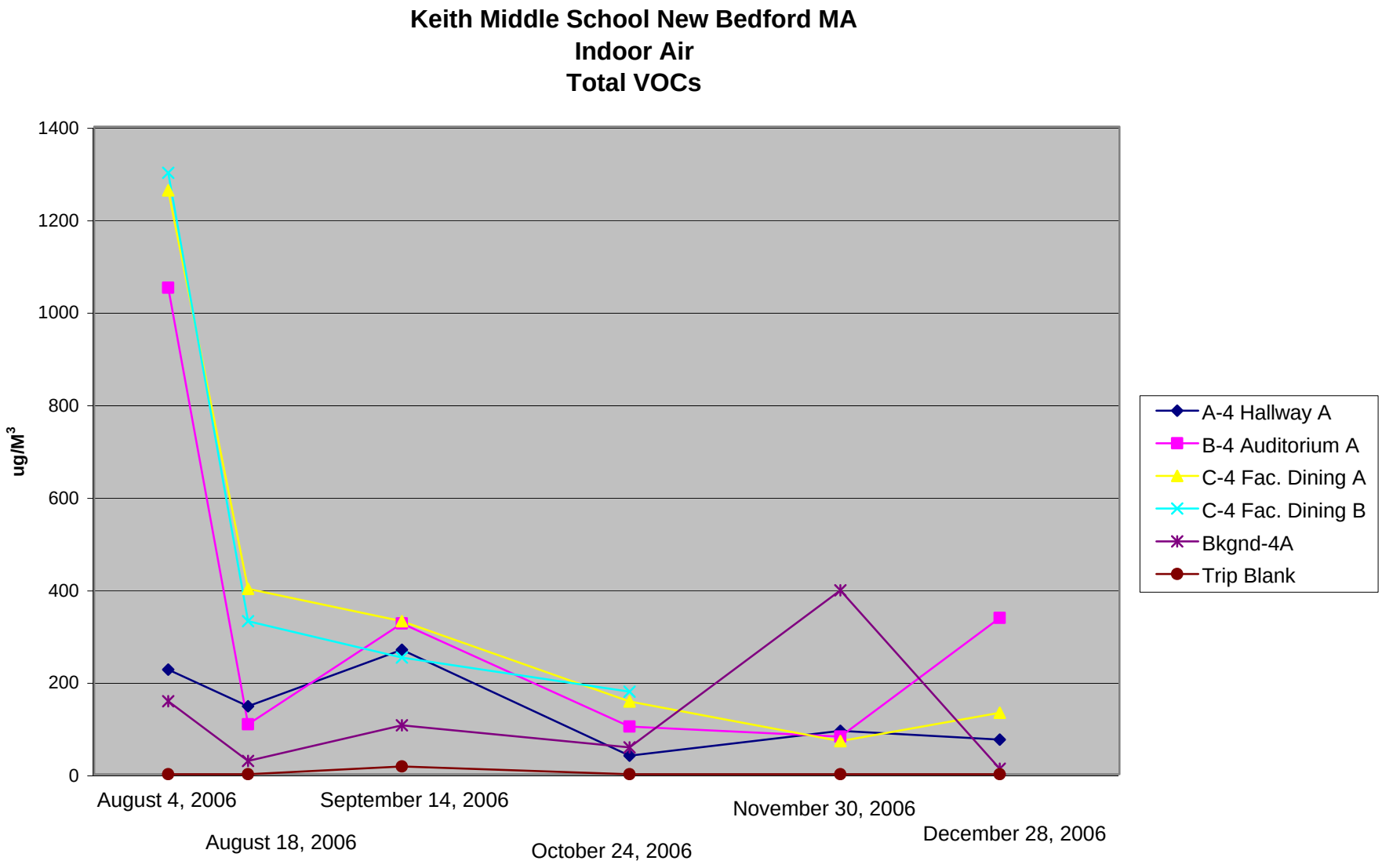
Sample Identification	Date Sampled	Date Analyzed	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	4-Methyl-2-pentanone	4-Ethyltoluene	Acetone	Ethyl Alcohol	Ethyl Acetate	Ethylbenzene	Iso-Propyl Alcohol	p/m-Xylene	o-Xylene	Heptane	Styrene	Toluene	Total VOCs
			(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)
		TEL	~	~	~	~	~	160.54	~	391.84	300.00	~	11.80	11.80	~	200.00	80.00	~
		AAL	~	~	~	~	~	160.54	~	391.84	300.00	~	11.80	11.80	~	2.00	20.00	~
A-7A, HALLWAY	12/28 - 12/29	1/7/2007	ND	ND	8.08	ND	ND	21.70	7.95	7.64	ND	1.26	ND	ND	5.74	ND	23.00	75
B-7A, AUD.	12/28 - 12/29	1/7/2007	5.52	5.60	7.18	3.03	3.46	60.30	73.50	43.10	10.10	ND	**21.80**	7.17	33.80	3.44	71.30	338
C-7A, FAC. DINING	12/28 - 12/29	1/7/2007	ND	ND	6.33	ND	ND	22.00	97.80	ND	ND	1.40	ND	ND	ND	ND	5.49	133
BACKGROUND	12/28 - 12/29	1/7/2007	ND	ND	ND	ND	ND	10.20	ND	ND	ND	ND	ND	ND	ND	ND	1.94	12
BACKGROUND DUPLICATE	12/28 - 12/29	1/7/2007	ND	ND	ND	ND	ND	5.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	6
TRIP BLANK	12/28 - 12/29	1/7/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
Detected VOCs also found in these materials (see Notes Below):			2,5,6,7		1	18		1,9	12		10	11	2,3,5,6 10	2,3,5,6 10	22	14	5,9	

NOTES:

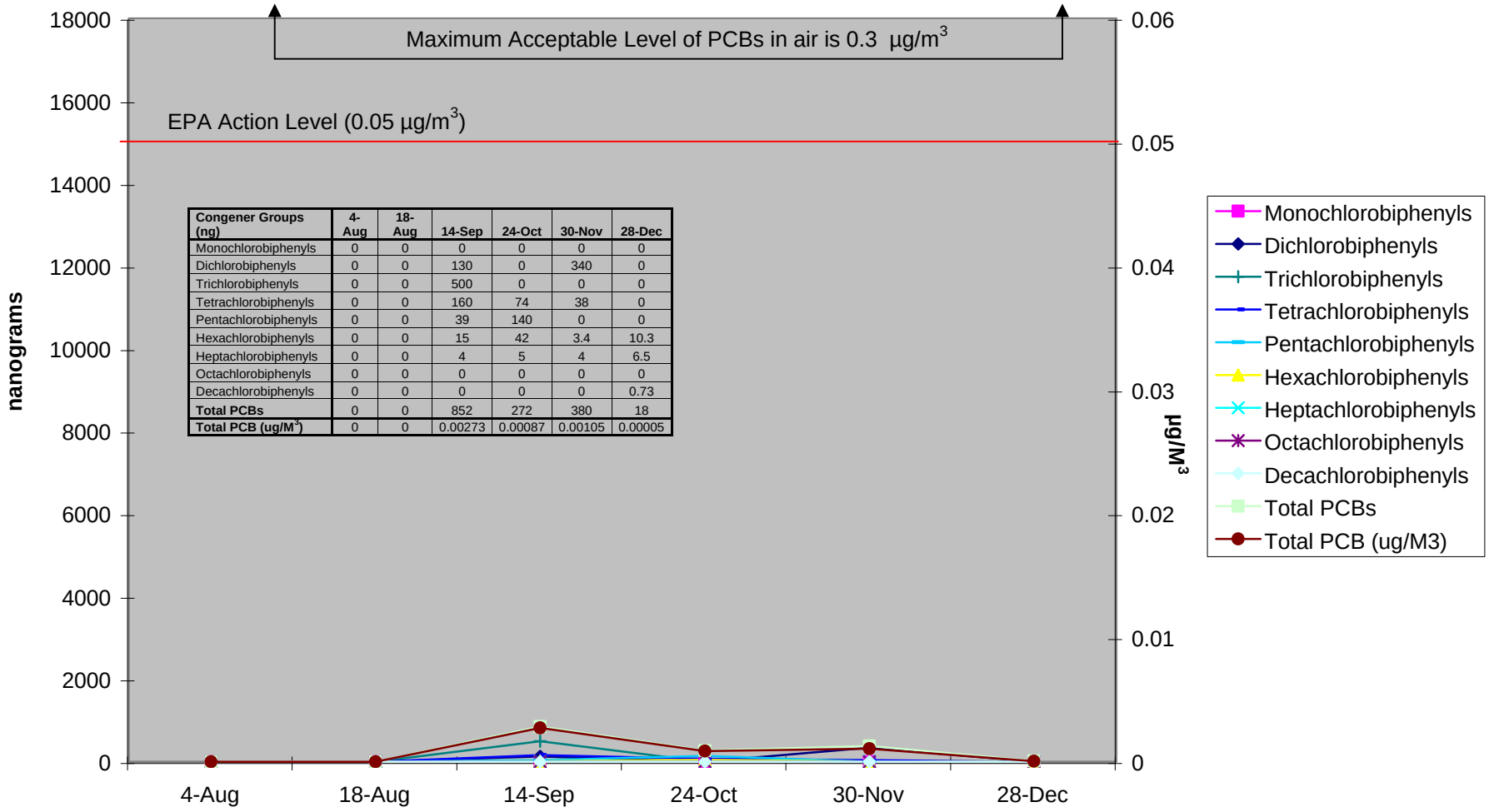
TEL = Threshold Effects Exposure Limit for Ambient Air (24-hour average)
AAL = Allowable Ambient Limit for Ambient Air (annual average)
(ug/m^3) = micrograms per cubic meters
ND = not detected above method detection limit
~ = No standard available
value Bold font indicates concentration exceeding TEL
value Gray shading indicates concentration exceeding AAL

Construction Materials

1. PVC cements, cleaners, primers (from Site MSDS)
2. Corothane: Zince Promer Moisture Cure (from Site MSDS)
3. Macropoxy 646: Fast Cure Epoxy Coating (from Site MSDS)
4. Industrial Enamel HS (from Site MSDS)
5. Kem Kromik: Universal Metal Primer (VOC Comp.) (from Site MSDS)
6. Wood Clasics: Interior Wood Oil Stain (golden oak) (from Site MSDS)
7. UltraCrete: Solvent Borne Texture Coating (from Site MSDS)
8. Promar 400: Interior Alkyd Semi-Gloss Enamel (from Site MSDS)
9. CCW-702, CCW-715: Quick Dry Primer (from Site MSDS)
10. Gasoline
11. Adhesive cleanup (from Site MSDS)
12. Waterborne Acrylic Dry Fall (Sherwin Williams) (from Site MSDS)
13. Used in the manufacture of paints, enamels, paint removers, varnishes, varnish removers, putty, and rubber cement (OSHA).
14. CCW-704 Mastic (Carlisle Coatings)(from Site MSDS)
15. Solvent and chemical intermediate. Solvent (as isomeric mixture) for perfumes, dyes, and lacquers.(Spectrum Laboratories Fact Sheet)
16. Use as a solvent to dissolve cellulose ethers, lacquers; used as an ingredient of surface coatings;Use as a paint and varnish remover (OSHA)
17. Paint and Varnish remover (CA Office of Environmental Health Hazard Assessment Fact Sheet)
18. Denaturant for rubbing alcohol; solvent for paints and varnishes.(Spectrum Laboratories Fact Sheet)
19. Certain kinds of special glues used in the roofing and shoe and leather industries contain n-hexane. Several consumer products contain n-hexane, such as gasoline, quick-drying glues used in various hobbies, and rubber cement.(ATSDR Fa
20. Found in consumer products, including some paint and spot removers, water repellents, brake and wood cleaners, glues (NY State DOH Fact Sheet)
21. Has been used as a paint stripper, adhesive solvent, as an ingredient in paints and varnishes (NY State DOH Fact Sheet)
22. Use as a carrier and penetrant solvent for adhesives (OSHA)
23. Most chloromethane in the environment is from natural sources, such as chemical reactions that occur in the oceans. It is also given off when materials like grass, wood, charcoal, and plastics are burned. Other sources of exposure are cigarette smoke, polystyrene insulation, aerosol propellants, and chlorinated swimming pools (ATSDR ToxFAQ).

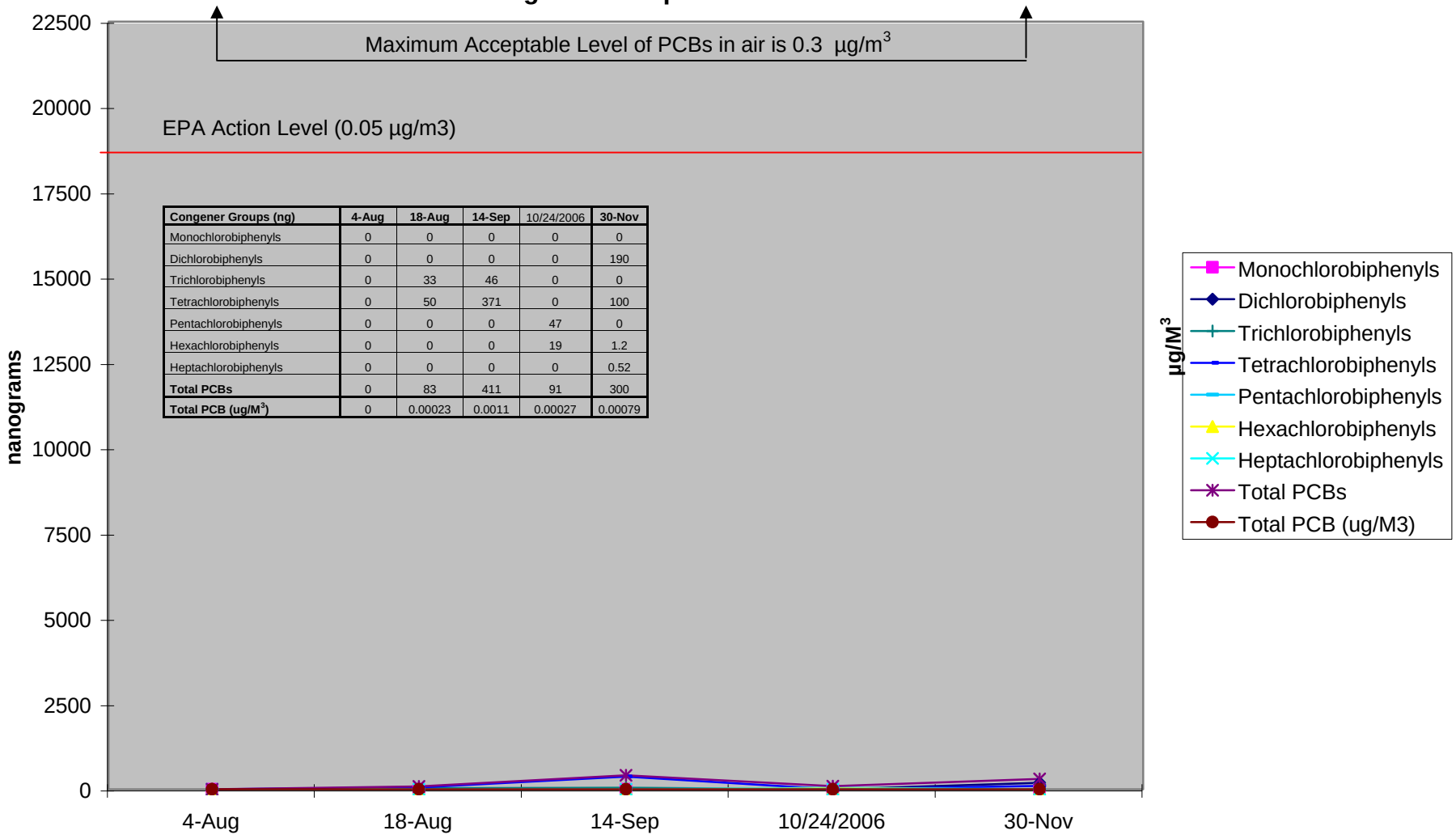

Keith Middle School New Bedford MA
Indoor Air
Total VOCs
ug/M3
1400
1200
1000
800
600
400
200
0
August 4, 2006
August 18, 2006
September 14, 2006
October 24, 2006
November 30, 2006
December 28, 2006
A-4 Hallway A
B-4 Auditorium A
C-4 Fac. Dining A
C-4 Fac. Dining B
Bkgnd-4A
Trip Blank

Keith Middle School
Building A Hallway
Indoor Air
PCB Congener Group Detections



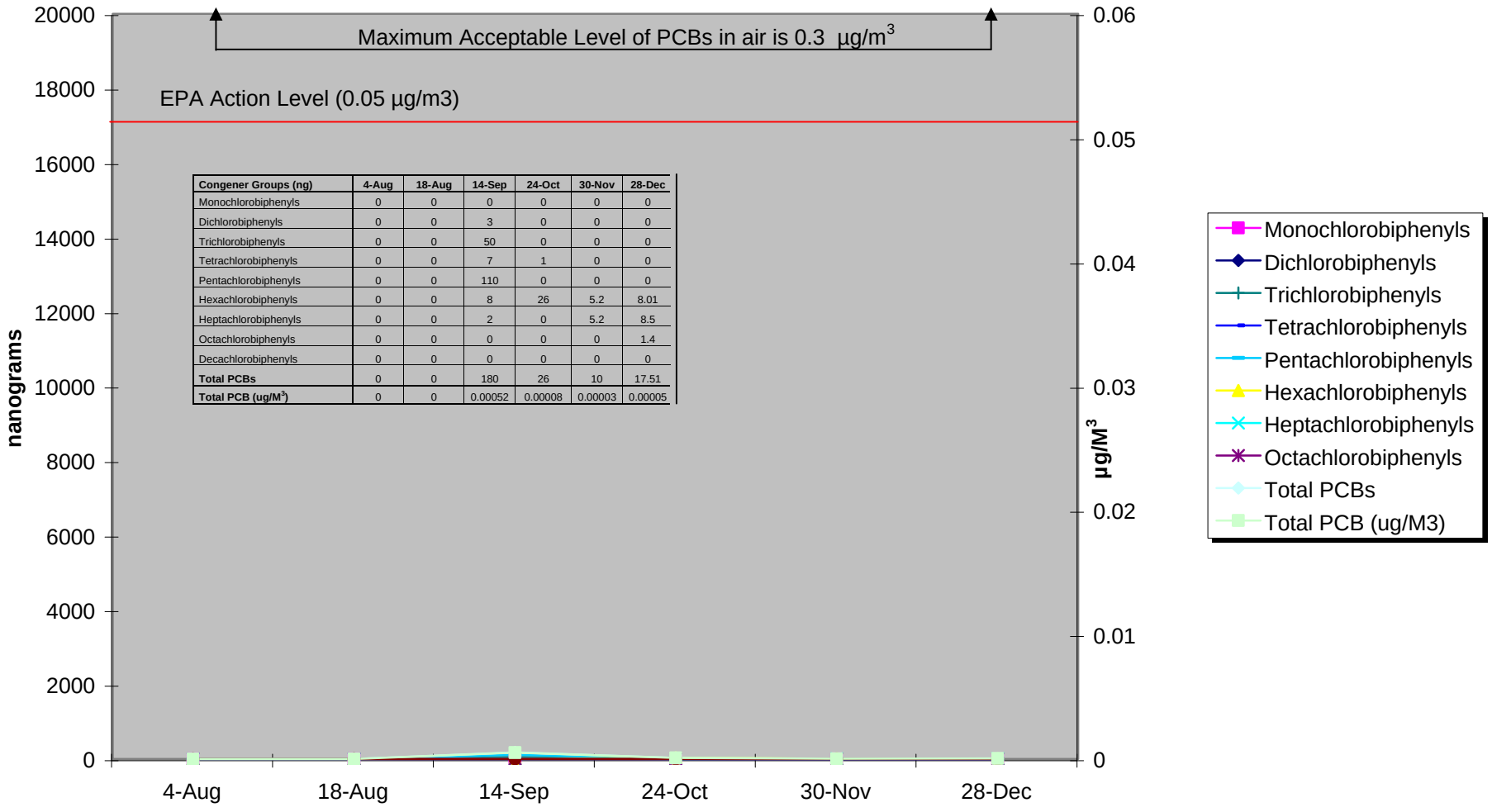
Congener Groups (ng)	4-Aug	18-Aug	14-Sep	24-Oct	30-Nov	28-Dec
Monochlorobiphenyls	0	0	0	0	0	0
Dichlorobiphenyls	0	0	130	0	340	0
Trichlorobiphenyls	0	0	500	0	0	0
Tetrachlorobiphenyls	0	0	160	74	38	0
Pentachlorobiphenyls	0	0	39	140	0	0
Hexachlorobiphenyls	0	0	15	42	3.4	10.3
Heptachlorobiphenyls	0	0	4	5	4	6.5
Octachlorobiphenyls	0	0	0	0	0	0
Decachlorobiphenyls	0	0	0	0	0	0.73
Total PCBs	0	0	852	272	380	18
Total PCB (ug/M^3)	0	0	0.00273	0.00087	0.00105	0.00005

Keith Middle School
Building B - Auditorium
Indoor Air
PCB Congener Group Detections



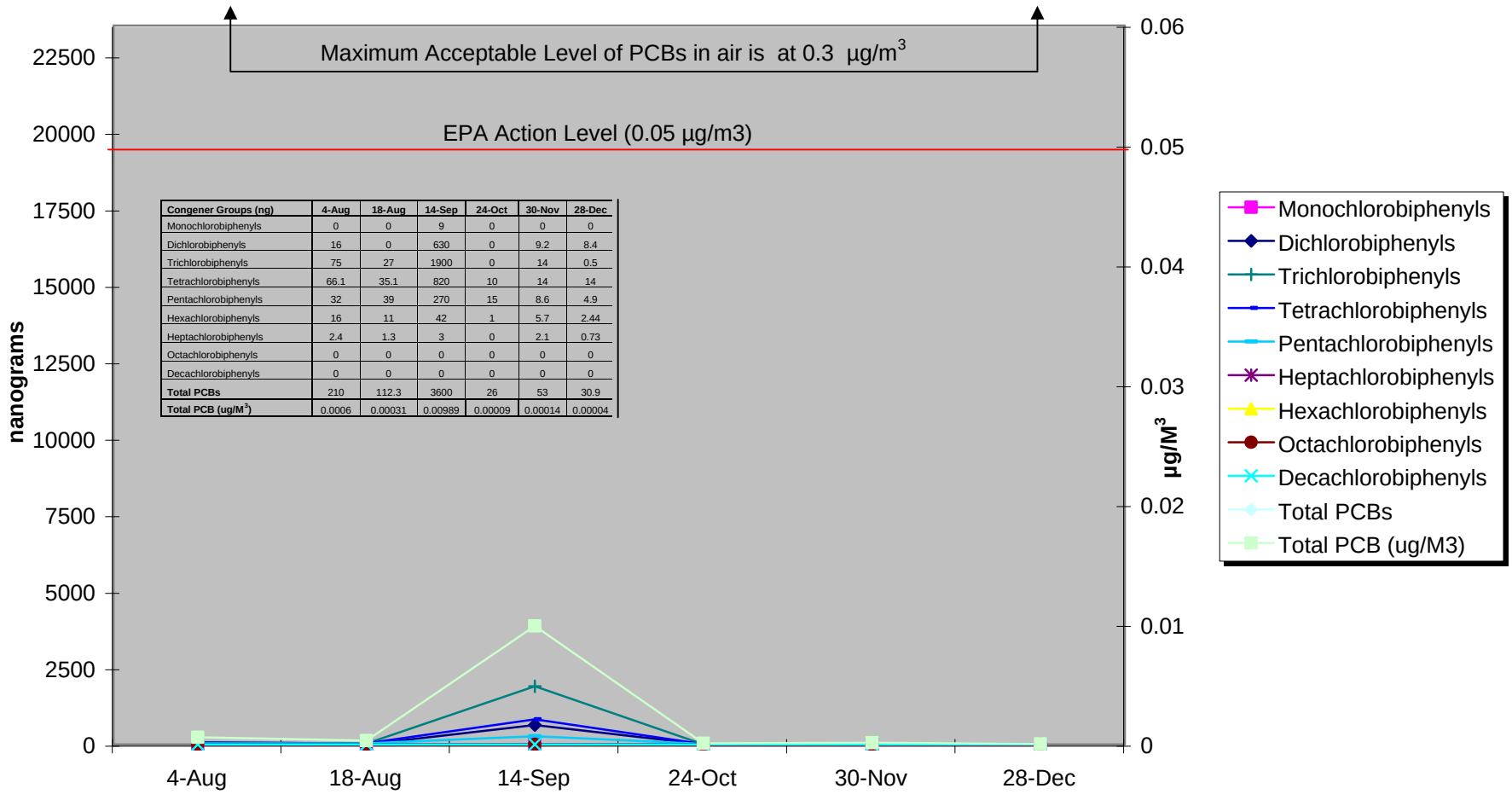
Congener Groups (ng)	4-Aug	18-Aug	14-Sep	10/24/2006	30-Nov
Monochlorobiphenyls	0	0	0	0	0
Dichlorobiphenyls	0	0	0	0	190
Trichlorobiphenyls	0	33	46	0	0
Tetrachlorobiphenyls	0	50	371	0	100
Pentachlorobiphenyls	0	0	0	47	0
Hexachlorobiphenyls	0	0	0	19	1.2
Heptachlorobiphenyls	0	0	0	0	0.52
Total PCBs	0	83	411	91	300
Total PCB (ug/M^3)	0	0.00023	0.0011	0.00027	0.00079

Keith Middle School
Building C Faculty Dining Room
Indoor Air
PCB Congener Group Detections



Congener Groups (ng)	4-Aug	18-Aug	14-Sep	24-Oct	30-Nov	28-Dec
Monochlorobiphenyls	0	0	0	0	0	0
Dichlorobiphenyls	0	0	3	0	0	0
Trichlorobiphenyls	0	0	50	0	0	0
Tetrachlorobiphenyls	0	0	7	1	0	0
Pentachlorobiphenyls	0	0	110	0	0	0
Hexachlorobiphenyls	0	0	8	26	5.2	8.01
Heptachlorobiphenyls	0	0	2	0	5.2	8.5
Octachlorobiphenyls	0	0	0	0	0	1.4
Decachlorobiphenyls	0	0	0	0	0	0
Total PCBs	0	0	180	26	10	17.51
Total PCB (ug/M^3)	0	0	0.00052	0.00008	0.00003	0.00005

Keith Middle School
Background Outdoor Air
PCB Congener Group Detections



Congener Groups (ng)	4-Aug	18-Aug	14-Sep	24-Oct	30-Nov	28-Dec
Monochlorobiphenyls	0	0	9	0	0	0
Dichlorobiphenyls	16	0	630	0	9.2	8.4
Trichlorobiphenyls	75	27	1900	0	14	0.5
Tetrachlorobiphenyls	66.1	35.1	820	10	14	14
Pentachlorobiphenyls	32	39	270	15	8.6	4.9
Hexachlorobiphenyls	16	11	42	1	5.7	2.44
Heptachlorobiphenyls	2.4	1.3	3	0	2.1	0.73
Octachlorobiphenyls	0	0	0	0	0	0
Decachlorobiphenyls	0	0	0	0	0	0
Total PCBs	210	112.3	3600	26	53	30.9
Total PCB (ug/M^3)	0.0006	0.00031	0.00989	0.00009	0.00014	0.00004

	8/4/2006		8/18/2006		9/14/2006			
	Hallway		Hallway		Hallway		Hallway	
Congener Groups (ng)	**PUF**	**Filter**	**PUF**	**Filter**	**PUF**	**Filter**	PUF	Filter
Monochlorobiphenyls					ND	ND	ND	ND
Dichlorobiphenyls	ND	ND			130	ND	ND	ND
Trichlorobiphenyls	ND	ND	ND	ND	500	ND	ND	ND
Tetrachlorobiphenyls	ND	ND	ND	ND	160	ND	73	0.56
Pentachlorobiphenyls	ND	ND	ND	ND	38	1.4	140	ND
Hexachlorobiphenyls	ND	ND	ND	ND	7.6	7.4	41	0.63
Heptachlorobiphenyls	ND	ND	ND	ND	0.61	3.5	4.5	ND
Total PCBs	ND	ND	ND	ND	840	12	260	1.2
Total PCB (ug/M^3)					#REF!			

Congener Groups (ng)	**4-Aug**	**18-Aug**	**14-Sep**	**24-Oct**	**30-Nov**	**28-Dec**
Monochlorobiphenyls	0	0	0	0	0	0
Dichlorobiphenyls	0	0	130	0	340	0
Trichlorobiphenyls	0	0	500	0	0	0
Tetrachlorobiphenyls	0	0	160	74	38	0
Pentachlorobiphenyls	0	0	39	140	0	0
Hexachlorobiphenyls	0	0	15	42	3.4	10.3
Heptachlorobiphenyls	0	0	4	5	4	6.5
Octachlorobiphenyls	0	0	0	0	0	0
Decachlorobiphenyls	0	0	0	0	0	0.73
Total PCBs	0	0	852	272	380	18
Total PCB (ug/M^3)	0	0	0.00273	0.00087	0.00105	0.00005

	Auditorium		Auditorium		Auditorium		Auditorium	
Congener Groups (ng)	**PUF**	**Filter**	**PUF**	**Filter**	**PUF**	**Filter**	PUF	Filter
Monochlorobiphenyls					ND	ND	ND	ND
Dichlorobiphenyls	ND	ND			ND	ND	ND	ND
Trichlorobiphenyls	ND	ND	33	ND	45	0.78	ND	ND
Tetrachlorobiphenyls	ND	ND	50	ND	370	0.63	ND	ND
Pentachlorobiphenyls	ND	ND	ND	ND	ND	ND	47	ND
Hexachlorobiphenyls	ND	ND	ND	ND	ND	ND	19	ND
Heptachlorobiphenyls	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	ND	ND	83	ND	410	1.4	91	ND
PCB Concentration								

Congener Groups (ng)	**4-Aug**	**18-Aug**	**14-Sep**	10/24/2006	**30-Nov**	
Monochlorobiphenyls	0	0	0	0	0	
Dichlorobiphenyls	0	0	0	0	190	
Trichlorobiphenyls	0	33	46	0	0	
Tetrachlorobiphenyls	0	50	371	0	100	
Pentachlorobiphenyls	0	0	0	47	0	
Hexachlorobiphenyls	0	0	0	19	1.2	
Heptachlorobiphenyls	0	0	0	0	0.52	
Octachlorobiphenyls	0	0	0	0	0	
Decachlorobiphenyls	0	0	0	0	0	
Total PCBs	0	83	411	91	300	
Total PCB (ug/M^3)	0	0.00023	0.0011	0.00027	0.00079	

	Faculty Dining		Faculty Dining		Faculty Dining		Faculty Dining	
Congener Groups (ng)	**PUF**	**Filter**	**PUF**	**Filter**	**PUF**	**Filter**	PUF	Filter
Monochlorobiphenyls					ND	ND	ND	ND
Dichlorobiphenyls	ND	ND			ND	2.9	ND	ND
Trichlorobiphenyls	ND	ND	ND	ND	ND	50	ND	ND
Tetrachlorobiphenyls	ND	ND	ND	ND	ND	6.5	ND	0.56
Pentachlorobiphenyls	ND	ND	ND	ND	ND	110	ND	ND
Hexachlorobiphenyls	ND	ND	ND	ND	ND	7.9	25	0.76
Heptachlorobiphenyls	ND	ND	ND	ND	ND	2.4	ND	ND
Total PCBs	ND	ND	ND	ND	ND	180	25	1.3
PCB Concentration								

Congener Groups (ng)	**4-Aug**	**18-Aug**	**14-Sep**	**24-Oct**	**30-Nov**	**28-Dec**
Monochlorobiphenyls	0	0	0	0	0	0
Dichlorobiphenyls	0	0	3	0	0	0
Trichlorobiphenyls	0	0	50	0	0	0
Tetrachlorobiphenyls	0	0	7	1	0	0
Pentachlorobiphenyls	0	0	110	0	0	0
Hexachlorobiphenyls	0	0	8	26	5.2	8.01
Heptachlorobiphenyls	0	0	2	0	5.2	8.5
Octachlorobiphenyls	0	0	0	0	0	1.4
Decachlorobiphenyls	0	0	0	0	0	0
Total PCBs	0	0	180	26	10	17.51
Total PCB (ug/M^3)	0	0	0.00052	0.00008	0.00003	0.00005

							Background	
Congener Groups (ng)	**PUF**	**Filter**	**PUF**	**Filter**	**PUF**	**Filter**	PUF	Filter
Monochlorobiphenyls					9.2	ND	ND	ND
Dichlorobiphenyls	16	ND			630	ND	ND	ND
Trichlorobiphenyls	75	ND	27	ND	1900	ND	ND	ND
Tetrachlorobiphenyls	65	1.1	34	1.1	820	ND	9.6	ND
Pentachlorobiphenyls	32	ND	39	ND	270	ND	15	ND
Hexachlorobiphenyls	16	ND	11	ND	42	ND	1.3	ND
Heptachlorobiphenyls	2.4	ND	1.3	ND	2.8	ND	ND	ND
Total PCBs	210	ND	112.3	ND	3,600	ND	26	ND
PCB Concentration	0.0006							

Congener Groups (ng)	**4-Aug**	**18-Aug**	**14-Sep**	**24-Oct**	**30-Nov**	**28-Dec**
Monochlorobiphenyls	0	0	9	0	0	0
Dichlorobiphenyls	16	0	630	0	9.2	8.4
Trichlorobiphenyls	75	27	1900	0	14	0.5
Tetrachlorobiphenyls	66.1	35.1	820	10	14	14
Pentachlorobiphenyls	32	39	270	15	8.6	4.9
Hexachlorobiphenyls	16	11	42	1	5.7	2.44
Heptachlorobiphenyls	2.4	1.3	3	0	2.1	0.73
Octachlorobiphenyls	0	0	0	0	0	0
Decachlorobiphenyls	0	0	0	0	0	0
Total PCBs	210	112.3	3600	26	53	30.9
Total PCB (ug/M^3)	0.0006	0.00031	0.00989	0.00009	0.00014	0.00004

ANALYTICAL REPORT

Prepared for:
BETA Group, Inc.
315 Norwood Park South
Norwood, MA 02062

Project:	Keith Middle School
ETR:	0701017
Report Date:	January 17, 2007

Certifications and Accreditations
Massachusetts MA030
Connecticut PH-0141
New Hampshire 220602
Rhode Island 64
New Jersey MA015
Maine MA030
New York 11627
Louisiana 03090
Army Corps of Engineers
Department of the Navy
Florida E87814

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CASE NARRATIVE
Alpha Woods Hole Labs

ETR: 0701017
Project: Keith Middle School

All analyses were performed according to Alpha Woods Hole Labs quality assurance program and documented Standard Operating Procedures (SOPs). The analytical results contained in this report were performed within holding time, and with appropriate quality control measures, except where noted. A summary of all state and federal accreditations is provided within this report. Blank correction of results is not performed in the laboratory for any parameter. Soil/sediment samples are reported on a dry weight basis unless otherwise noted. Tissue and sediment samples are not certifiable under the NELAC accreditation.

PCB Congeners by GC/MS-SIM

Samples were prepared by soxhlet extraction method TO-4 *Determination of PCB Congeners in Ambient Air using high volume Polyurethane Foam (PUF)*. Samples were extracted at Alpha Woods Hole Labs Westboro MA facility. Extracts were analyzed at Alpha Woods Hole Labs Raynham MA facility by GC/MS-SIM following the procedures outlined in the laboratory SOP O-015 *PCB and Pesticides by GC/MS-SIM (Rev. 2.0, 06/19/06)*. Analytes are introduced into the GC/MS by injecting a known volume of the calibration standards, quality control samples, and sample extracts into the GC equipped with a narrow-bore capillary column. The GC column is temperature programmed to separate the analytes, which are then detected with a mass spectrometer operating in the selective ion mode (SIM). Identification of target analytes in samples is accomplished by comparing retention times, and the mass spectra with those of the calibration standards. Concentrations are determined using mean relative response factors from a multi-level calibration curve. Reporting limits are established from a method detection limit study performed on blank cartridges fortified with known concentrations of all target compounds using the above outlined procedures.

1. Filter cartridge blank SF011007B09 contained several target compounds. Associated field sample results are flagged with "B" qualifiers to denote the method blank detections.

2. Sample A-7, Hallway (0701017-01) had surrogate recovery below the quality control acceptance range for Cl3-BZ#19-C13 at 42%. This sample exhibited a large unresolved complex mixture (UCM) which may have interfered with this surrogate recovery. Note that the second surrogate, Cl8-BZ#202-Cl3 had an 87% recovery, showing extraction efficiency.

The enclosed results of analyses are representative of the samples as received by the laboratory. Alpha Woods Hole Labs makes no representations or certifications as to the method of sample collection, sample identification, or transporting/handling procedures used prior to the receipt of samples by Alpha Woods Hole Labs. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved by: Title: Sr. Project Manager Date: 01-17-07

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Sample ID Cross Reference

Client: **BETA Group, Inc.**
Project: **Keith Middle School**

Lab Code: **MA00030**
ETR: **0701017**

Lab Sample ID	Client Sample ID
0701017-01	A-7, Hallway
0701017-02	C-7, Fac. Dining
0701017-03	Background
0701017-04	Background (Duplicate)
0701017-05	A-7-Pre-filter
0701017-06	B-7-Pre-filter
0701017-07	C-7-Pre-filter
0701017-08	Background-Pre-filter
0701017-09	Bkg Dup. Pre-filter
0701017-10	Field Blank
0701017-11	Field Blank Pre-filter

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A-7, Hallway**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-01**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	**6.9**
Heptachlorobiphenyls[1]	**4.7**
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	**12**

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery		Acceptance Range (%)
Cl3-BZ#19-C13	42	§	50-125
Cl8-BZ#202-C13	87		50-125

N/A - Not Applicable
§ - Surrogate value outside of acceptable range.
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A-7, Hallway**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-01**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A-7, Hallway**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-01**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	**2.6**	
Cl6-BZ#145	0.50	U	Cl6-BZ#132	**0.81**	
Cl6-BZ#148	0.50	U	Cl7-BZ#179	**0.92**	
Cl4-BZ#79	0.50	U	Cl6-BZ#141	**0.76**	
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	**0.92**	
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	**1.7**		Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	**1.7**	
Cl6-BZ#144	0.50	U	Cl7-BZ#183	**0.66**	
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A-7, Hallway**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-01**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	**0.75**		Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	**0.67**		Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery		Acceptance Range (%)
Cl3-BZ#19-C13	42	§	50-125
Cl8-BZ#202-C13	87		50-125

N/A - Not Applicable
§ - Surrogate value outside of acceptable range.
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C-7, Fac. Dining**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-02**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	**7.5**
Heptachlorobiphenyls[1]	**8.5**
Octachlorobiphenyls[1]	**1.4**
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	**17**

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	56	50-125
Cl8-BZ#202-C13	99	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C-7, Fac. Dining**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-02**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C-7, Fac. Dining**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-02**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	**2.8**	
Cl6-BZ#145	0.50	U	Cl6-BZ#132	**0.99**	
Cl6-BZ#148	0.50	U	Cl7-BZ#179	**0.77**	
Cl4-BZ#79	0.50	U	Cl6-BZ#141	**0.76**	
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	**1.6**	
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	**1.3**		Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	**1.7**	
Cl6-BZ#144	0.50	U	Cl7-BZ#183	**0.90**	
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C-7, Fac. Dining**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-02**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/09/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	**1.3**		Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	**0.74**	
Cl6-BZ#167	0.50	U	Cl7-BZ#170	**1.2**	
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	**0.67**		Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	**0.61**	
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	**2.0**		Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	56	50-125
Cl8-BZ#202-C13	99	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-03**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	**8.4**
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	**13**
Pentachlorobiphenyls[1]	**4.9**
Hexachlorobiphenyls[1]	**0.74**
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	**27**

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	55	50-125
Cl8-BZ#202-C13	76	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-03**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	**4.9**	
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	**8.4**		Cl4-BZ#49	**0.96**	
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	**1.8**	
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	**1.9**	
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	**1.7**	
Cl4-BZ#45	0.50	U	Cl4-BZ#74	**0.68**	
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	**1.3**	

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-03**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	**1.3**		Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	**1.5**		Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	**0.59**		Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	**0.74**	
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	**1.1**		Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-03**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	55	50-125
Cl8-BZ#202-C13	76	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background (Duplicate)**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-04**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	**4.7**
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	**6.3**
Pentachlorobiphenyls[1]	**2.9**
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	**14**

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	60	50-125
Cl8-BZ#202-C13	84	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background (Duplicate)**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-04**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	**2.8**	
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	**4.7**		Cl4-BZ#49	**0.90**	
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	**1.4**	
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	**1.2**	
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	**1.1**	
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background (Duplicate)**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-04**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	**1.1**		Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	**0.66**		Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background (Duplicate)**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-04**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	60	50-125
Cl8-BZ#202-C13	84	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A-7-Pre-filter**
Case: N/A SDG: N/A
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-05**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result	
Monochlorobiphenyls[1]	0.50	U
Dichlorobiphenyls[1]	0.50	U
Trichlorobiphenyls[1]	0.50	U
Tetrachlorobiphenyls[1]	0.50	U
Pentachlorobiphenyls[1]	0.50	U
Hexachlorobiphenyls[1]	**3.4**	B
Heptachlorobiphenyls[1]	**1.8**	B
Octachlorobiphenyls[1]	0.50	U
Nonachlorobiphenyls[1]	0.50	U
Decachlorobiphenyl[1]	**0.73**	B
Total PCB[2]	**6.0**	B

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	87	50-125
Cl8-BZ#202-C13	90	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-05**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-05**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	**1.4**	B
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	**1.0**	B
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	**0.76**	B
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	**1.0**	B	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **A-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-05**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	**1.1**	B	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	**0.73**	B
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	87	50-125
Cl8-BZ#202-C13	90	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 16:45

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **B-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-06**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	86	50-125
Cl8-BZ#202-C13	90	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 16:45

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **B-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-06**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **B-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-06**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **B-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-06**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	86	50-125
Cl8-BZ#202-C13	90	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 16:45

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-07**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result	
Monochlorobiphenyls[1]	0.50	U
Dichlorobiphenyls[1]	0.50	U
Trichlorobiphenyls[1]	0.50	U
Tetrachlorobiphenyls[1]	0.50	U
Pentachlorobiphenyls[1]	0.50	U
Hexachlorobiphenyls[1]	**0.51**	B
Heptachlorobiphenyls[1]	0.50	U
Octachlorobiphenyls[1]	0.50	U
Nonachlorobiphenyls[1]	0.50	U
Decachlorobiphenyl[1]	0.50	U
Total PCB[2]	**0.51**	B

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	81	50-125
Cl8-BZ#202-C13	85	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 16:45

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-07**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-07**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	**0.51**	B
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **C-7-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-07**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	81	50-125
Cl8-BZ#202-C13	85	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background-Pre-filter**
Case: N/A SDG: N/A
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-08**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result	
Monochlorobiphenyls[1]	0.50	U
Dichlorobiphenyls[1]	0.50	U
Trichlorobiphenyls[1]	**0.50**	B
Tetrachlorobiphenyls[1]	**1.0**	B
Pentachlorobiphenyls[1]	0.50	U
Hexachlorobiphenyls[1]	**1.7**	B
Heptachlorobiphenyls[1]	**0.73**	B
Octachlorobiphenyls[1]	0.50	U
Nonachlorobiphenyls[1]	0.50	U
Decachlorobiphenyl[1]	0.50	U
Total PCB[2]	**3.9**	B

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	81	50-125
Cl8-BZ#202-C13	89	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-08**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	**1.0**	B
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	**0.50**	JB	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background-Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-08**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	**0.94**	B
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	**0.73**	B
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Background-Pre-filter**
Case: N/A SDG: N/A
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-08**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result	
Cl7-BZ#185	0.50	U
Cl6-BZ#162	0.50	U
Cl7-BZ#174	0.50	U
Cl6-BZ#128	1.0	U
Cl6-BZ#167	0.50	U
Cl8-BZ#202	0.50	U
Cl7-BZ#181	0.50	U
Cl7-BZ#177	0.50	U
Cl8-BZ#204/#200[1]	1.0	U
Cl7-BZ#171	0.50	U
Cl7-BZ#173	0.50	U
Cl7-BZ#172	0.50	U
Cl7-BZ#192	0.50	U
Cl6-BZ#156	0.50	U
Cl6-BZ#157	0.50	U
Cl7-BZ#180	**0.73**	B
Cl7-BZ#193	0.50	U
Cl8-BZ#197	0.50	U

Parameter	Result	
Cl7-BZ#191	0.50	U
Cl8-BZ#199	0.50	U
Cl8-BZ#198	0.50	U
Cl8-BZ#201	0.50	U
Cl7-BZ#170	0.50	U
Cl7-BZ#190	0.50	U
Cl8-BZ#196	0.50	U
Cl8-BZ#203	0.50	U
Cl6-BZ#169	0.50	U
Cl9-BZ#208	0.50	U
Cl9-BZ#207	0.50	U
Cl7-BZ#189	1.0	U
Cl8-BZ#195	0.50	U
Cl8-BZ#194	0.50	U
Cl8-BZ#205	0.50	U
Cl9-BZ#206	0.50	U
Cl10-BZ#209	0.50	U

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	81	50-125
Cl8-BZ#202-C13	89	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
J - Estimated value, below quantitation limit.
U - The analyte was analyzed for but not detected at the sample specific level reported.

375 Paramount Drive, Suite 2, Raynham, Massachusetts 02767, (508) 822-9300, Fax (508) 822-3288

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Bkg Dup. Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-09**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result	
Monochlorobiphenyls[1]	0.50	U
Dichlorobiphenyls[1]	0.50	U
Trichlorobiphenyls[1]	**2.4**	B
Tetrachlorobiphenyls[1]	**0.63**	B
Pentachlorobiphenyls[1]	0.50	U
Hexachlorobiphenyls[1]	0.50	U
Heptachlorobiphenyls[1]	0.50	U
Octachlorobiphenyls[1]	0.50	U
Nonachlorobiphenyls[1]	0.50	U
Decachlorobiphenyl[1]	0.50	U
Total PCB[2]	**3.0**	B

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	82	50-125
Cl8-BZ#202-C13	83	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
U - The analyte was analyzed for but not detected at the sample specific level reported.

375 Paramount Drive, Suite 2, Raynham, Massachusetts 02767, (508) 822-9300, Fax (508) 822-3288

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Bkg Dup. Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-09**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	**0.63**	B
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	**0.92**	B	Cl4-BZ#76	0.50	U
Cl3-BZ#28	**0.79**	B	Cl5-BZ#93	0.50	U
Cl3-BZ#33	**0.67**	JB	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Bkg Dup. Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-09**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Bkg Dup. Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-09**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	82	50-125
Cl8-BZ#202-C13	83	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
J - Estimated value, below quantitation limit.
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Field Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-10**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	70	50-125
Cl8-BZ#202-C13	71	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Field Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-10**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Field Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-10**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Field Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-10**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	70	50-125
Cl8-BZ#202-C13	71	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Field Blank Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-11**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result	
Monochlorobiphenyls[1]	0.50	U
Dichlorobiphenyls[1]	0.50	U
Trichlorobiphenyls[1]	**5.8**	B
Tetrachlorobiphenyls[1]	**8.9**	B
Pentachlorobiphenyls[1]	**1.8**	B
Hexachlorobiphenyls[1]	0.50	U
Heptachlorobiphenyls[1]	0.50	U
Octachlorobiphenyls[1]	0.50	U
Nonachlorobiphenyls[1]	0.50	U
Decachlorobiphenyl[1]	0.50	U
Total PCB[2]	**16**	B

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	87	50-125
Cl8-BZ#202-C13	91	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Field Blank Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-11**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	**1.9**	B
Cl2-BZ#9	0.50	U	Cl4-BZ#48	**0.95**	
Cl2-BZ#7	0.50	U	Cl4-BZ#49	**0.91**	B
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	**2.2**	B	Cl4-BZ#76	0.50	U
Cl3-BZ#28	**1.9**	B	Cl5-BZ#93	0.50	U
Cl3-BZ#33	**1.7**	B	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	**0.91**	B
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	**1.5**	B

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Field Blank Pre-filter**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-11**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	**1.7**	B	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	**0.99**	B	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	**0.63**	B
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	**1.2**	B	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

375 Paramount Drive, Suite 2, Raynham, Massachusetts 02767, (508) 822-9300, Fax (508) 822-3288

PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Field Blank Pre-filter**
Case: N/A SDG: N/A
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **0701017-11**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
12/28/06	12/29/06	01/02/07	01/10/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	87	50-125
Cl8-BZ#202-C13	91	50-125

N/A - Not Applicable
B - Found in associated blank as well as sample.
U - The analyte was analyzed for but not detected at the sample specific level reported.

375 Paramount Drive, Suite 2, Raynham, Massachusetts 02767, (508) 822-9300, Fax (508) 822-3288

Blank
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007B09**
Associated Blank: **N/A**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	**4.4**
Tetrachlorobiphenyls[1]	**6.9**
Pentachlorobiphenyls[1]	**2.9**
Hexachlorobiphenyls[1]	**3.3**
Heptachlorobiphenyls[1]	**2.9**
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	**0.62**
Total PCB[2]	**21**

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	80	50-125
Cl8-BZ#202-C13	92	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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Blank
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007B09**
Associated Blank: **N/A**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	**1.2**	
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	**0.77**	
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	**1.3**	
Cl3-BZ#18	**1.2**		Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	**1.1**		Cl4-BZ#76	0.50	U
Cl3-BZ#28	**1.2**		Cl5-BZ#93	0.50	U
Cl3-BZ#33	**0.89**	J	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	**0.59**	
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	**1.2**	

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007B09**
Associated Blank: **N/A**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	**1.3**		Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	**1.1**		Cl5-BZ#106	0.50	U
Cl4-BZ#56	**0.52**		Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	**0.74**	
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	**1.3**	
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	**1.1**		Cl6-BZ#138	**0.94**	
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	**0.84**	
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	**1.1**		Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007B09**
Associated Blank: **N/A**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	**0.56**		Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	**0.54**	
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	**0.98**		Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	**0.62**	
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	80	50-125
Cl8-BZ#202-C13	92	50-125

N/A - Not Applicable
J - Estimated value, below quantitation limit.
U - The analyte was analyzed for but not detected at the sample specific level reported.

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Blank
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007B10**
Associated Blank: **N/A**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	N/A	50-125
Cl8-BZ#202-C13	N/A	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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Blank
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007B10**
Associated Blank: **N/A**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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Blank
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007B10**
Associated Blank: **N/A**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007B10**
Associated Blank: **N/A**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = *These three Congeners are reported as a co-eluting triplet.*

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	N/A	50-125
Cl8-BZ#202-C13	N/A	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007B11**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	71	50-125
Cl8-BZ#202-C13	72	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007B11**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007B11**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007B11**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	71	50-125
Cl8-BZ#202-C13	72	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007B12**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result
Monochlorobiphenyls[1]	0.50 U
Dichlorobiphenyls[1]	0.50 U
Trichlorobiphenyls[1]	0.50 U
Tetrachlorobiphenyls[1]	0.50 U
Pentachlorobiphenyls[1]	0.50 U
Hexachlorobiphenyls[1]	0.50 U
Heptachlorobiphenyls[1]	0.50 U
Octachlorobiphenyls[1]	0.50 U
Nonachlorobiphenyls[1]	0.50 U
Decachlorobiphenyl[1]	0.50 U
Total PCB[2]	0.50 U

[1] = Result is the sum of all individual congeners within that chlorination level.
[2] = Result is the sum of all Homolog groups.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	N/A	50-125
Cl8-BZ#202-C13	N/A	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007B12**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl1-BZ#1	0.50	U	Cl4-BZ#69	0.50	U
Cl1-BZ#2	0.50	U	Cl4-BZ#43	0.50	U
Cl1-BZ#3	0.50	U	Cl3-BZ#36	0.50	U
Cl2-BZ#4/#10[1]	1.0	U	Cl4-BZ#52	0.50	U
Cl2-BZ#9	0.50	U	Cl4-BZ#48	0.50	U
Cl2-BZ#7	0.50	U	Cl4-BZ#49	0.50	U
Cl2-BZ#6	0.50	U	Cl5-BZ#104	0.50	U
Cl2-BZ#5	1.0	U	Cl4-BZ#47	0.50	U
Cl2-BZ#8	0.50	U	Cl4-BZ#65/#75/#62[2]	1.5	U
Cl3-BZ#19	0.50	U	Cl3-BZ#39	0.50	U
Cl2-BZ#14	0.50	U	Cl3-BZ#38	0.50	U
Cl3-BZ#30	0.50	U	Cl4-BZ#44	0.50	U
Cl3-BZ#18	0.50	U	Cl4-BZ#59	0.50	U
Cl2-BZ#11	0.50	U	Cl4-BZ#42	0.50	U
Cl3-BZ#17	0.50	U	Cl4-BZ#71	0.50	U
Cl2-BZ#12	0.50	U	Cl3-BZ#35	0.50	U
Cl3-BZ#27	0.50	U	Cl4-BZ#41	0.50	U
Cl2-BZ#13	0.50	U	Cl4-BZ#72	0.50	U
Cl3-BZ#24	0.50	U	Cl5-BZ#96	0.50	U
Cl3-BZ#16	0.50	U	Cl5-BZ#103	1.0	U
Cl3-BZ#32	0.50	U	Cl4-BZ#68/#64[1]	1.0	U
Cl2-BZ#15	0.50	U	Cl4-BZ#40	0.50	U
Cl3-BZ#34	1.0	U	Cl3-BZ#37	0.50	U
Cl3-BZ#23	0.50	U	Cl5-BZ#100	0.50	U
Cl4-BZ#54	0.50	U	Cl5-BZ#94	0.50	U
Cl3-BZ#29	0.50	U	Cl4-BZ#57	0.50	U
Cl4-BZ#50	0.50	U	Cl4-BZ#67/#58[1]	1.0	U
Cl3-BZ#26	0.50	U	Cl5-BZ#102	0.50	U
Cl3-BZ#25	3.0	U	Cl4-BZ#61	0.50	U
Cl4-BZ#53	0.50	U	Cl5-BZ#98	0.50	U
Cl3-BZ#31	0.50	U	Cl4-BZ#76	0.50	U
Cl3-BZ#28	0.50	U	Cl5-BZ#93	0.50	U
Cl3-BZ#33	1.0	U	Cl4-BZ#63	0.50	U
Cl3-BZ#21/#20[1]	1.0	U	Cl5-BZ#121	0.50	U
Cl4-BZ#51	0.50	U	Cl5-BZ#95/#88[1]	1.0	U
Cl4-BZ#45	0.50	U	Cl4-BZ#74	0.50	U
Cl3-BZ#22	0.50	U	Cl6-BZ#155	0.50	U
Cl4-BZ#73/#46[1]	1.0	U	Cl4-BZ#70	0.50	U

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PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007B12**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl4-BZ#66	0.50	U	Cl5-BZ#124	0.50	U
Cl5-BZ#91	0.50	U	Cl5-BZ#108	0.50	U
Cl4-BZ#80	0.50	U	Cl5-BZ#107/#123[1]	1.0	U
Cl4-BZ#55	0.50	U	Cl6-BZ#140	0.50	U
Cl5-BZ#92	0.50	U	Cl7-BZ#188	0.50	U
Cl5-BZ#89/#84[1]	1.0	U	Cl6-BZ#134	0.50	U
Cl5-BZ#101/#90[1]	1.0	U	Cl5-BZ#106	0.50	U
Cl4-BZ#56	0.50	U	Cl6-BZ#133	0.50	U
Cl5-BZ#113	1.0	U	Cl6-BZ#142	0.50	U
Cl5-BZ#99	0.50	U	Cl5-BZ#118	0.50	U
Cl6-BZ#150	0.50	U	Cl6-BZ#131	0.50	U
Cl4-BZ#60	1.0	U	Cl7-BZ#184	0.50	U
Cl6-BZ#152	0.50	U	Cl6-BZ#165	0.50	U
Cl5-BZ#119	0.50	U	Cl6-BZ#146	0.50	U
Cl5-BZ#83/#125/#112[2]	1.5	U	Cl6-BZ#161	0.50	U
Cl5-BZ#86/#109[1]	1.0	U	Cl5-BZ#122	0.50	U
Cl5-BZ#97	1.0	U	Cl6-BZ#168	0.50	U
Cl5-BZ#116	0.50	U	Cl5-BZ#114	0.50	U
Cl5-BZ#87/#111[1]	1.0	U	Cl6-BZ#153	0.50	U
Cl6-BZ#145	0.50	U	Cl6-BZ#132	0.50	U
Cl6-BZ#148	0.50	U	Cl7-BZ#179	0.50	U
Cl4-BZ#79	0.50	U	Cl6-BZ#141	0.50	U
Cl6-BZ#154	0.50	U	Cl7-BZ#176	0.50	U
Cl4-BZ#78	1.0	U	Cl5-BZ#105	0.50	U
Cl6-BZ#136	0.50	U	Cl6-BZ#137	0.50	U
Cl5-BZ#117	0.50	U	Cl5-BZ#127	0.50	U
Cl5-BZ#115	0.50	U	Cl7-BZ#186	0.50	U
Cl5-BZ#85	0.50	U	Cl6-BZ#130/#164[1]	1.0	U
Cl5-BZ#120	0.50	U	Cl7-BZ#178	0.50	U
Cl5-BZ#110	0.50	U	Cl6-BZ#138	0.50	U
Cl4-BZ#81	0.50	U	Cl6-BZ#163/#160[1]	1.0	U
Cl6-BZ#151	0.50	U	Cl6-BZ#129/#158[1]	1.0	U
Cl6-BZ#135	0.50	U	Cl7-BZ#182/#175[1]	1.0	U
Cl5-BZ#82	2.0	U	Cl7-BZ#187	0.50	U
Cl6-BZ#144	0.50	U	Cl7-BZ#183	0.50	U
Cl6-BZ#147/#149[1]	1.0	U	Cl6-BZ#166	0.50	U
Cl4-BZ#77	0.50	U	Cl6-BZ#159	0.50	U
Cl6-BZ#143/#139[1]	1.0	U	Cl5-BZ#126	1.0	U

375 Paramount Drive, Suite 2, Raynham, Massachusetts 02767, (508) 822-9300, Fax (508) 822-3288

Blank
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Blank**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007B12**
Associated Blank: **N/A**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
N/A	N/A	01/02/07	01/08/07	100	1.00	1	1	SEO

Parameter	Result		Parameter	Result	
Cl7-BZ#185	0.50	U	Cl7-BZ#191	0.50	U
Cl6-BZ#162	0.50	U	Cl8-BZ#199	0.50	U
Cl7-BZ#174	0.50	U	Cl8-BZ#198	0.50	U
Cl6-BZ#128	1.0	U	Cl8-BZ#201	0.50	U
Cl6-BZ#167	0.50	U	Cl7-BZ#170	0.50	U
Cl8-BZ#202	0.50	U	Cl7-BZ#190	0.50	U
Cl7-BZ#181	0.50	U	Cl8-BZ#196	0.50	U
Cl7-BZ#177	0.50	U	Cl8-BZ#203	0.50	U
Cl8-BZ#204/#200[1]	1.0	U	Cl6-BZ#169	0.50	U
Cl7-BZ#171	0.50	U	Cl9-BZ#208	0.50	U
Cl7-BZ#173	0.50	U	Cl9-BZ#207	0.50	U
Cl7-BZ#172	0.50	U	Cl7-BZ#189	1.0	U
Cl7-BZ#192	0.50	U	Cl8-BZ#195	0.50	U
Cl6-BZ#156	0.50	U	Cl8-BZ#194	0.50	U
Cl6-BZ#157	0.50	U	Cl8-BZ#205	0.50	U
Cl7-BZ#180	0.50	U	Cl9-BZ#206	0.50	U
Cl7-BZ#193	0.50	U	Cl10-BZ#209	0.50	U
Cl8-BZ#197	0.50	U			

[1] = These two compounds are reported as a co-eluting pair.
[2] = These three Congeners are reported as a co-eluting triplet.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	N/A	50-125
Cl8-BZ#202-C13	N/A	50-125

N/A - Not Applicable
U - The analyte was analyzed for but not detected at the sample specific level reported.

01/11/07 16:48

Laboratory Control Sample
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007L04**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Percent Solid	Analyst
N/A	N/A	01/02/07	100	SEO

Parameter	Conc.	% Recovery	% Recovery Limits
Cl1-BZ#1	23	58	40-140
Cl1-BZ#3	25	63	40-140
Cl2-BZ#4/#10[1]	32	80	40-140
Cl2-BZ#8	29	73	40-140
Cl3-BZ#19	26	66	40-140
Cl3-BZ#18	29	72	40-140
Cl2-BZ#15	28	69	40-140
Cl4-BZ#54	30	75	40-140
Cl3-BZ#29	31	78	40-140
Cl4-BZ#50	31	77	40-140
Cl3-BZ#31	30	75	40-140
Cl3-BZ#28	32	80	40-140
Cl4-BZ#45	32	81	40-140
Cl4-BZ#52	29	72	40-140
Cl4-BZ#49	32	79	40-140
Cl5-BZ#104	33	83	40-140
Cl4-BZ#47	31	78	40-140
Cl4-BZ#44	32	81	40-140
Cl3-BZ#37	28	71	40-140
Cl5-BZ#95/#88[1]	36	90	40-140
Cl4-BZ#74	33	81	40-140
Cl6-BZ#155	36	90	40-140
Cl4-BZ#70	35	87	40-140
Cl4-BZ#66	34	84	40-140
Cl5-BZ#101/#90[1]	37	91	40-140
Cl4-BZ#56	31	79	40-140
Cl5-BZ#99	35	87	40-140
Cl5-BZ#87/#111[1]	30	74	40-140
Cl6-BZ#154	39	97	40-140
Cl5-BZ#110	34	85	40-140
Cl4-BZ#81	38	96	40-140
Cl6-BZ#151	31	78	40-140
Cl6-BZ#147/#149[1]	31	79	40-140

01/11/07 16:24

Laboratory Control Sample
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Filter**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SF011007L04**
Associated Blank: **SF011007B09**
Concentration Units: **ng/Filter**

Date Collected	Date Received	Date Extracted	Percent Solid	Analyst
N/A	N/A	01/02/07	100	SEO

Parameter	Conc.	% Recovery	% Recovery Limits
Cl4-BZ#77	33	82	40-140
Cl5-BZ#107/#123[1]	37	92	40-140
Cl7-BZ#188	32	79	40-140
Cl5-BZ#118	32	81	40-140
Cl6-BZ#146	33	83	40-140
Cl5-BZ#114	32	80	40-140
Cl6-BZ#153	30	75	40-140
Cl5-BZ#105	27	67	40-140
Cl6-BZ#138	31	77	40-140
Cl6-BZ#129/#158[1]	39	98	40-140
Cl7-BZ#187	33	83	40-140
Cl7-BZ#183	35	88	40-140
Cl5-BZ#126	32	79	40-140
Cl7-BZ#174	29	73	40-140
Cl6-BZ#128	30	75	40-140
Cl6-BZ#167	36	91	40-140
Cl8-BZ#202	35	87	40-140
Cl7-BZ#177	31	77	40-140
Cl8-BZ#204/#200[1]	33	83	40-140
Cl6-BZ#156	34	84	40-140
Cl6-BZ#157	29	73	40-140
Cl7-BZ#180	24	60	40-140
Cl8-BZ#201	32	80	40-140
Cl7-BZ#170	34	86	40-140
Cl6-BZ#169	38	94	40-140
Cl9-BZ#208	33	83	40-140
Cl7-BZ#189	38	96	40-140
Cl8-BZ#195	32	80	40-140
Cl8-BZ#194	34	84	40-140
Cl8-BZ#205	36	91	40-140
Cl9-BZ#206	33	83	40-140
Cl10-BZ#209	31	78	40-140

[1] = These two Congeners are reported as a co-eluting pair.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	84	50-125
Cl8-BZ#202-C13	85	50-125

N/A - Not Applicable

Concentrations reported as calculated values, which includes rounding for significant figures. Percent recoveries and RPD values are calculated from the unrounded result.

01/11/07 16:24

Laboratory Control Sample
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007L05**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Percent Solid	Analyst
N/A	N/A	01/02/07	100	SEO

Parameter	Conc.	% Recovery	% Recovery Limits
Cl1-BZ#1	18	46	40-140
Cl1-BZ#3	22	54	40-140
Cl2-BZ#4/#10[1]	28	70	40-140
Cl2-BZ#8	27	67	40-140
Cl3-BZ#19	26	65	40-140
Cl3-BZ#18	27	68	40-140
Cl2-BZ#15	27	68	40-140
Cl4-BZ#54	31	77	40-140
Cl3-BZ#29	32	79	40-140
Cl4-BZ#50	31	78	40-140
Cl3-BZ#31	29	72	40-140
Cl3-BZ#28	30	76	40-140
Cl4-BZ#45	33	83	40-140
Cl4-BZ#52	28	71	40-140
Cl4-BZ#49	32	81	40-140
Cl5-BZ#104	34	84	40-140
Cl4-BZ#47	32	80	40-140
Cl4-BZ#44	32	80	40-140
Cl3-BZ#37	26	64	40-140
Cl5-BZ#95/#88[1]	35	88	40-140
Cl4-BZ#74	33	83	40-140
Cl6-BZ#155	37	92	40-140
Cl4-BZ#70	36	90	40-140
Cl4-BZ#66	33	83	40-140
Cl5-BZ#101/#90[1]	39	97	40-140
Cl4-BZ#56	32	80	40-140
Cl5-BZ#99	35	88	40-140
Cl5-BZ#87/#111[1]	29	73	40-140
Cl6-BZ#154	40	99	40-140
Cl5-BZ#110	33	83	40-140
Cl4-BZ#81	39	98	40-140
Cl6-BZ#151	32	81	40-140
Cl6-BZ#147/#149[1]	32	81	40-140

01/11/07 16:23

Laboratory Control Sample
PCB Homologs and Congeners

ALPHA WOODS HOLE LABS

Client: **BETA Group, Inc.**
Project: **Keith Middle School**
Client ID: **Laboratory Control Sample**
Case: **N/A** SDG: **N/A**
Matrix: **Cartridge**

Lab Code: **MA00030**
ETR: **0701017**
Lab ID: **SC011007L05**
Associated Blank: **SC011007B11**
Concentration Units: **ng/Cartridge**

Date Collected	Date Received	Date Extracted	Percent Solid	Analyst
N/A	N/A	01/02/07	100	SEO

Parameter	Conc.	% Recovery	% Recovery Limits
Cl4-BZ#77	34	86	40-140
Cl5-BZ#107/#123[1]	37	93	40-140
Cl7-BZ#188	33	82	40-140
Cl5-BZ#118	33	82	40-140
Cl6-BZ#146	34	85	40-140
Cl5-BZ#114	33	82	40-140
Cl6-BZ#153	31	78	40-140
Cl5-BZ#105	28	69	40-140
Cl6-BZ#138	31	78	40-140
Cl6-BZ#129/#158[1]	40	101	40-140
Cl7-BZ#187	34	86	40-140
Cl7-BZ#183	36	91	40-140
Cl5-BZ#126	33	83	40-140
Cl7-BZ#174	31	77	40-140
Cl6-BZ#128	31	77	40-140
Cl6-BZ#167	38	94	40-140
Cl8-BZ#202	36	91	40-140
Cl7-BZ#177	31	78	40-140
Cl8-BZ#204/#200[1]	34	85	40-140
Cl6-BZ#156	34	85	40-140
Cl6-BZ#157	30	75	40-140
Cl7-BZ#180	25	63	40-140
Cl8-BZ#201	33	83	40-140
Cl7-BZ#170	35	87	40-140
Cl6-BZ#169	38	95	40-140
Cl9-BZ#208	34	84	40-140
Cl7-BZ#189	39	96	40-140
Cl8-BZ#195	32	81	40-140
Cl8-BZ#194	34	84	40-140
Cl8-BZ#205	37	93	40-140
Cl9-BZ#206	33	83	40-140
Cl10-BZ#209	32	80	40-140

[1] = These two Congeners are reported as a co-eluting pair.

Surrogate	% Recovery	Acceptance Range (%)
Cl3-BZ#19-C13	79	50-125
Cl8-BZ#202-C13	90	50-125

N/A - Not Applicable

Concentrations reported as calculated values, which includes rounding for significant figures. Percent recoveries and RPD values are calculated from the unrounded result.

01/11/07 16:23

AIR ANALYSIS

PAGE 1 OF 3

CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Date Rec'd in Lab: 12/29/06

ALPHA Job #: 0701017 L0618984

Client Information

Client: BETA Group, Inc.
Address: 315 Norwood Park South, Norwood MA 02062
Phone: 781-255-1982
Fax: 781-255-1974
Email: ahamscom@beta-inc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Keith Middle School
Project Location: New Bedford, MA
Project #: 03261
Project Manager: Al Hamscom
ALPHA Quote #:

Turn-Around Time

☑ Standard (5 DAYS; TO-13: 10 DAYS) ☐ RUSH (only confirmed if pre-approved!)
Date Due: 1/8/07 Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #: 03261

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

ANALYSIS

ALPHA Lab ID (Lab Use Only)		Sample ID	Collection Date	Start Time	End Time	Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	~~TO-14A~~ PCBs	TO-15	TO-15 SIM	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
8984,	1	A-7, Hallway	12/28/06			A	TMD			X										All end date: 12/29/06
	2	B-7, Aud. *																		
02	3	C-7, Fac. Dining																		
03	4	Background																		
04	5	Background (Duplicate)																		
05	6	A-7 - Pre-filter																		
06	7	B-7 - Pre-filter																		
07	8	C-7 - Pre-filter																		
08	9	Background - Pre-filter																		
09	10	Background Dup. " "																		
		Shaded Gray Areas For Lab Use Only							Container Type	G										

*Hold

Relinquished By:	Date/Time	Received By:	Date/Time:
Timothy M Dunn	12/29/06	[illegible]	12/29/06 3:22
[illegible]	12/29/06 16:30	Kim L Bailey	12/29/06 16:30
Kim L Bailey	1/5/07	Paul Gillett	1/5/07 14:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

Form No: 01-03 (rev. 28-NOV-06)

AIR ANALYSIS

PAGE 2 OF 3

CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Date Rec'd in Lab: 12/29/06

0701017
ALPHA Job #: L0618984

Client Information

Client: BETA Group, Inc.
Address: 315 Norwood Park South
Norwood, MA 02062
Phone: 781-255-1982
Fax: 781-255-1974
Email: ahanscom@beta-inc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Keith Middle School
Project Location: New Bedford MA
Project #: 03261
Project Manager: Al Hanscom
ALPHA Quote #:

Turn-Around Time

☑ Standard 5 DAYS TO-13: 10 DAYS ☐ RUSH (only confirmed if pre-approved!)
Date Due: 1/8/07 Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☑ EMAIL (standard pdf report)
☐ Additional Deliverables: _____
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #: 03261

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Start Time	Collection End Time	Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	TO-14A	TO-15	~~TO-15 SIM~~ PCBs	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
	A-7A, Hallway	12/28/06			A	TMD				X									All end date:
	A-7B, Hallway *																		12/29/06
	B-7A, And.																		
	B-7B, And. *																		
	C-7A, Fac-Dining																		
	C-7B, Fac Dining *																		
	Background																		
	Background-Duplicate																		
	Field Blank	12/28/06			A	TMD													
8984.11	Field Blank	12/28/06			A						X								

Shaded Gray Areas For Lab Use Only

Container Type CS→

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

* Hold

Relinquished By:	Date/Time	Received By:	Date/Time:
[illegible]	12/29/06	[illegible]	12/29/06 2:22
[illegible]	12/29/06 1620	[illegible]	12/29/06 1620
[illegible]	1/5/07	Paul Gilbert	1/5/07 14:25

Form No: 01-03 (rev. 28-NOV-06)

AIR ANALYSIS

PAGE 3 OF 3

CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Date Rec'd in Lab: 12/29/06

ALPHA Job #: L0618984 0701017

Client Information

Client: BETA Group, Inc.
Address: 315 Norwood Park South
Norwood, MA 02062
Phone: 781-255-1982
Fax: 781-255-1974
Email: ahanscom@beta-inc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Keith Middle School
Project Location: New Bedford, MA
Project #: 03261
Project Manager: Al Hanscom
ALPHA Quote #:

Turn-Around Time

☑ Standard 5 DAYS TO-13: 10 DAYS ☐ RUSH (only confirmed if pre-approved!)
Date Due: 1/8/07 Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #: 03261

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Start Time	Collection End Time	Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	~~TO-14A~~ PCBs	TO-15	TO-15 SIM	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
18984.12	Field Blank (pre-filter)	12/29/06			A	TMD			X										

Shaded Gray Areas For Lab Use Only

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[illegible]	12/29/06	[illegible]	12/29/06 2:12
[illegible]	12/29/06 1200	[illegible]	12/29/06 1200
[illegible]	1/5/07	Paul Gilbert	1/5/07 14:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

Form No: 01-03 (rev. 28-NOV-06)

Technique: Soxhlet
Start Time: 16:00
Stop Time: 830 RM

0701017

Run I.D.: R260345

Concentration Method: KD

PCB Cons.

Sample	Puff Cart. ID	Analyte	Extraction Date	Extraction Analyst	Cartridge (High/Low)	Surr Vol	Spk Vol	Sox ID	Concentration Date	Concentration Analyst	Vol	Acid /Florsil Cleaning Date	Analyst	Acid vol.	Aliq. Vol	Final Vol	Transfer Date	To	Comment *	Date Due
RSB 18984.6	—	PCB Cons	1/2/06	RM	—	—	—	H3	1/4/06	RM	1mL						1/5/07	RA		48
PB 18984.6	—				Filters	1mL Cons		H1			1mL									
LCS 18984.6	—					1mL Cons	1mL Cons	H2			1mL									
A 18984.6	—					1mL Cons		H4			1mL									
A .7	—					1mL Cons		H5			1mL									
A .8	—					1mL Cons		I1			1mL									
A .9	—					1mL Cons		I2			1mL									
A .10	—					1mL Cons		I3			1mL									
A .12	—					1mL Cons		I4			1mL									

Extraction Solvent: DCM
Lot #: CS 438

PCB Cons ~~Prep~~ EXP Surrogate Lot #: CSW 103006A
Date: 4/20/07

PCB Cons ~~Prep~~ EXP Spike Lot #: CLW 070606A
Date: 1/07

Florisil Lot#:
% Humidity:

H_2SO_4 Lot #:

* See reverse side for comments

Form No.: 02-34

Analysis: PAH (TO-13) / Pest / TO-04, TO-10 **Alpha Woods Hole Labs** **WG #:** WG266279

Technique: Soxhlet **Run I.D.:** R260344

Start Time: 15:30

Stop Time: 830RA

0701017

Concentration Method: KD

PCB Cons.

			Extraction						Concentration			Acid /Florsil Cleaning					Transfer		Comment	
Sample	Puff Cart. ID	Analyte	Date	Analyst	Cartridge (High/Low)	Surr Vol	Spk Vol	Sox ID	Date	Analyst	Vol	Date	Analyst	Acid vol.	Aliq. Vol	Final Vol	Date	To	*	Date Due
RSB 18984.1	—	PCB Cons.	1/1/07	RM	—	—	—	G3	1/3/06	RM	1mL						1/4/06	RM		1/8
PB 18984.1	HP 14				High	1mL Cons		D1			1mL									
LCS 18984.1	HP 21					1mL Cons	1mL Cons.	D2			1mL									
A 18984.1	HP 13							D3			1mL									
A .3	HP 6							D4			1mL									
A .4	HP 3							D5			1mL									
A .5	HP 5							D6			1mL									
A .11	HP 15							G2			1mL									

Extraction Solvent: DCM Lot #: CS 438	PCB Cons ~~Prep~~ EXP Surrogate Lot #: CSW 103006A Date: 4/20/07	PCB Cons ~~Prep~~ EXP Spike Lot #: CLW 070606A Date: 1/07	Florisil Lot#: % Humidity:

H_2SO_4 Lot #: _____

* See reverse side for comments

Form No.: 02-34

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Certificate Program Summary

Method numbers assume the most recent EPA revisions. For a complete listing of analytes for the referenced methods please contact your Alpha Woods Hole Lab Project Manager or the Quality Assurance Manager.

Connecticut Department of Public Health Certificate No. : PH-0141 - *Wastewater* (General Chemistry: 120.1, 150.1, 160.1, 160.2, 180.1, 300.0, 310.1, 335.2, 365.2, 405.1, 413.1, COD HACH 8000; Metals: 200.7, 245.1; Organics: 608, 624, 625). *Solid Waste/Soil* (General Chemistry: 1010, 9010/9014, 9045, 9056, 9060; Metals: 6010, 6020, 7041, 7471; Organics: 8081, 8082, 8260, 8270, ETPH).

Florida Department of Health Certificate No. : E87814 - Secondary NELAP Accreditation for *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, SM2320B, 335.2, 365.2, 413.1, 420.1, SM2540G, COD HACH 8000; Metals: 200.7, 204.2, 206.2, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624, 625). *Solid and Hazardous Waste* (General Chemistry: 9010/9014, 9045, 9050, 9056, 9060, 9065; Metals: 6010, 6020, 7041, 7060, 7421, 7470, 7471, 7740, 7841; Organics: 8081, 8082, 8260, 8270).

Louisiana Department of Environmental Quality Certificate No. : 03090 - Primary NELAP Accrediting Authority for *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 376.2, 405.1, 413.1, 420.1, SM2540G, COD HACH 8000; Metals: 200.7, 204.2, 206.2, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624, 625). *Solid and Hazardous Waste* (General Chemistry:1010, 1311, 9010/9014, 9045, 9056, 9060; Metals: 6010, 6020, 7041, 7060, 7191, 7421, 7470, 7471, 7740, 7841; Organics: 8081, 8082, 8260, 8270).

Maine Department of Human Services Certificate No. : MA030 - *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 405.1, 413.1, 420.1, COD HACH 8000; Metals: 200.7, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624).

Massachusetts Department of Environmental Protection Certificate No. : M-MA030 - *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 405.1, 413.1, 420.1, COD HACH 8000; Metals: 200.7, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624).

New Hampshire Department of Environmental Services Certificate No. : 220604 - Secondary NELAP Accreditation for *Wastewater* (General Chemistry: 120.1/2510B, 150.1, 160.1/SM2540C, 160.2/SM2540D, 180.1, 300.0, 310.1/SM2320B, 335.2, 365.2, 376.2, 405.1, 413.1, 420.1, COD HACH 8000, SM2540G; Metals: 200.7, 204.2, 206.2, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624, 625).

New Jersey Department of Environmental Protection Certificate No. : MA015 - *Solid and Hazardous Waste* (General Chemistry: 1010, 1311, 3060, 7196, 9010/9014, 9045, 9056, 9060; Metals: 3010, 3015, 3020, 3050, 3051, 6010, 6020, 7041, 7060, 7131, 7191, 7211, 7421, 7470, 7471, 7520, 7740, 7761, 7841; Organics: 3510, 3545, 5030, 5035, 3620, 3630, 3640, 3660, 8081, 8082, 8100, 8260, 8270).

New York Department of Health Certificate No. : 11627 - Secondary NELAP Accreditation for *Wastewater* (Metals: 200.7, 204.2, 206.2, 239.2, 245.1, 270.2, 279.2; Organics: 608, 624, 625). *Solid and Hazardous Waste* (Metals: 6010, 7041, 7060, 7470, 7471, 7740; Organics: 8081, 8082, 8260, 8270).

Rhode Island Department of Health Certificate No. : 00064 - Chemistry: *Organic and Inorganic in Surface Water, Wastewater/Sewage and Soil* (Method numbers not specified with certificate.)

U.S. Army Corps of Engineers - General Chemistry: 9010/9014, 9071/418.1, 9060; Organics: 8081, 8082, 8260, 8270, 8270-SIM; Metals: 6010, 6020, 7000.

Department of the Navy - General Chemistry: 9010/9014, 9060; Organics: 8081, 8082, 8015-mod, 8260, 8270, 8270-SIM; Metals: 6010, 6020.

ALPHA WOODS HOLE LABS

ANALYTICAL REPORT

Lab Number:	L0618985
Client:	Beta Engineering, Inc. 315 Norwood Park South Norwood, MA 02062
ATTN:	Al Hanscom
Project Name:	KEITH MIDDLE SCHOOL
Project Number:	03261
Report Date:	01/08/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261

Lab Number: L0618985
Report Date: 01/08/07

Alpha Sample ID	Client ID	Sample Location
L0618985-01	A-7A, HALLWAY	NEW BEDFORD, MA
L0618985-02	A-7B, HALLWAY	NEW BEDFORD, MA
L0618985-03	B-7A, AUD.	NEW BEDFORD, MA
L0618985-04	B-7B, AUD.	NEW BEDFORD, MA
L0618985-05	C-7A, FAC. DINING	NEW BEDFORD, MA
L0618985-06	C-7B, FAC. DINING	NEW BEDFORD, MA
L0618985-07	BACKGROUND	NEW BEDFORD, MA
L0618985-08	BACKGROUND DUPLICATE	NEW BEDFORD, MA
L0618985-09	FIELD BLANK	NEW BEDFORD, MA

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261

Lab Number: L0618985
Report Date: 01/08/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Volatile Organic Compounds in Air

The LCS % recovery for Propylene is above method acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Title: Technical Director

Date: 01/08/07

AIR

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261
Lab Number: L0618985
Report Date: 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-01
Client ID: A-7A, HALLWAY
Sample Location: NEW BEDFORD, MA
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/07/07 17:36
Analyst: PS

Date Collected: 12/28/06 00:00
Date Received: 12/29/06
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	2.74	0.500	8.08	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	9.15	2.00	21.7	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-01 Date Collected: 12/28/06 00:00

Client ID: A-7A, HALLWAY Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	4.22	2.00	7.95	3.76		1
Ethyl Acetate	2.12	0.500	7.64	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	0.513	0.500	1.26	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	1.40	0.500	5.74	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261

Lab Number: L0618985
Report Date: 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-01
Client ID: A-7A, HALLWAY
Sample Location: NEW BEDFORD, MA

Date Collected: 12/28/06 00:00
Date Received: 12/29/06
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	6.10	0.500	23.0	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261
Lab Number: L0618985
Report Date: 01/08/07

SAMPLE RESULTS

Lab ID:	L0618985-03	Date Collected:	12/28/06 00:00
Client ID:	B-7A, AUD.	Date Received:	12/29/06
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/07/07 18:40		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	1.12	0.500	5.52	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	1.14	0.500	5.60	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	2.44	0.500	7.18	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	0.704	0.500	3.46	2.46		1
Acetone	25.4	2.00	60.3	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-03 Date Collected: 12/28/06 00:00

Client ID: B-7A, AUD. Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	39.0	2.00	73.5	3.76		1
Ethyl Acetate	12.0	0.500	43.1	1.80		1
Ethylbenzene	2.34	0.500	10.1	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	0.740	0.500	3.03	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	5.04	1.00	21.8	4.34		1
o-Xylene	1.65	0.500	7.17	2.17		1
Heptane	8.26	0.500	33.8	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-03 Date Collected: 12/28/06 00:00

Client ID: B-7A, AUD. Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	0.809	0.500	3.44	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	18.9	0.500	71.3	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261
Lab Number: L0618985
Report Date: 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-05
Client ID: C-7A, FAC. DINING
Sample Location: NEW BEDFORD, MA
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/07/07 19:13
Analyst: PS

Date Collected: 12/28/06 00:00
Date Received: 12/29/06
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	2.15	0.500	6.33	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	9.26	2.00	22.0	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-05 Date Collected: 12/28/06 00:00

Client ID: C-7A, FAC. DINING Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	51.9	2.00	97.8	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	0.568	0.500	1.40	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-05 Date Collected: 12/28/06 00:00

Client ID: C-7A, FAC. DINING Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	1.46	0.500	5.49	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID:	L0618985-07	Date Collected:	12/28/06 00:00
Client ID:	BACKGROUND	Date Received:	12/29/06
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/07/07 19:46		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	4.29	2.00	10.2	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-07 Date Collected: 12/28/06 00:00

Client ID: BACKGROUND Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-07 Date Collected: 12/28/06 00:00

Client ID: BACKGROUND Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	0.516	0.500	1.94	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261
Lab Number: L0618985
Report Date: 01/08/07

SAMPLE RESULTS

Lab ID:	L0618985-08	Date Collected:	12/28/06 00:00
Client ID:	BACKGROUND DUPLICATE	Date Received:	12/29/06
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/07/07 20:19		
Analyst:	PS		

	ppbV		ug/m3			
Parameter	**Results**	**RDL**	**Results**	**RDL**	**Qualifier**	**Dilution Factor**
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	2.49	2.00	5.90	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-08 Date Collected: 12/28/06 00:00

Client ID: BACKGROUND DUPLICATE Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-08 Date Collected: 12/28/06 00:00

Client ID: BACKGROUND DUPLICATE Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261
Lab Number: L0618985
Report Date: 01/08/07

SAMPLE RESULTS

Lab ID:	L0618985-09	Date Collected:	12/28/06 00:00
Client ID:	FIELD BLANK	Date Received:	12/29/06
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/07/07 20:52		
Analyst:	PS		

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	ND	2.00	ND	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-09 Date Collected: 12/28/06 00:00

Client ID: FIELD BLANK Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

SAMPLE RESULTS

Lab ID: L0618985-09 Date Collected: 12/28/06 00:00

Client ID: FIELD BLANK Date Received: 12/29/06

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/07/07 17:03

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 01,03,05,07-09 Batch: WG266764-5						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	ND	2.00	ND	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/07/07 17:03

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 01,03,05,07-09 Batch: WG266764-5						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985

Project Number: 03261 **Report Date:** 01/08/07

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/07/07 17:03

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air for sample(s): 01,03,05,07-09 Batch: WG266764-5						
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261
Lab Number: L0618985
Report Date: 01/08/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-09 Batch: WG266764-4					
1,1,1-Trichloroethane	87	-	70-130	-	
1,1,2,2-Tetrachloroethane	109	-	70-130	-	
1,1,2-Trichloroethane	100	-	70-130	-	
1,1-Dichloroethane	100	-	70-130	-	
1,1-Dichloroethene	91	-	70-130	-	
1,2,4-Trichlorobenzene	99	-	70-130	-	
1,2,4-Trimethylbenzene	93	-	70-130	-	
1,2-Dibromoethane	106	-	70-130	-	
1,2-Dichlorobenzene	108	-	70-130	-	
1,2-Dichloroethane	106	-	70-130	-	
1,2-Dichloropropane	95	-	70-130	-	
1,3,5-Trimethylbenzene	88	-	70-130	-	
1,3-Butadiene	83	-	70-130	-	
1,3-Dichlorobenzene	104	-	70-130	-	
1,4-Dichlorobenzene	104	-	70-130	-	
1,4-Dioxane	114	-	70-130	-	
2,2,4-Trimethylpentane	90	-	70-130	-	
2-Butanone	118	-	70-130	-	
2-Hexanone	116	-	70-130	-	
3-Chloropropene	97	-	70-130	-	
4-Ethyltoluene	101	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261
Lab Number: L0618985
Report Date: 01/08/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-09 Batch: WG266764-4					
Acetone	90	-	70-130	-	
Benzene	99	-	70-130	-	
Benzyl chloride	98	-	70-130	-	
Bromodichloromethane	91	-	70-130	-	
Bromoform	92	-	70-130	-	
Bromomethane	86	-	70-130	-	
Carbon disulfide	102	-	70-130	-	
Carbon tetrachloride	92	-	70-130	-	
Chlorobenzene	109	-	70-130	-	
Chloroethane	82	-	70-130	-	
Chloroform	102	-	70-130	-	
Chloromethane	90	-	70-130	-	
cis-1,2-Dichloroethene	112	-	70-130	-	
cis-1,3-Dichloropropene	99	-	70-130	-	
Cyclohexane	112	-	70-130	-	
Dibromochloromethane	113	-	70-130	-	
Dichlorodifluoromethane	99	-	70-130	-	
Ethyl Alcohol	96	-	70-130	-	
Ethyl Acetate	115	-	70-130	-	
Ethylbenzene	125	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	95	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261
Lab Number: L0618985
Report Date: 01/08/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-09 Batch: WG266764-4					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	87	-	70-130	-	
Hexachlorobutadiene	110	-	70-130	-	
iso-Propyl Alcohol	98	-	70-130	-	
Methylene chloride	77	-	70-130	-	
4-Methyl-2-pentanone	104	-	70-130	-	
Methyl tert butyl ether	116	-	70-130	-	
p/m-Xylene	116	-	70-130	-	
o-Xylene	100	-	70-130	-	
Heptane	84	-	70-130	-	
n-Hexane	113	-	70-130	-	
Propylene	**132**	-	70-130	-	
Styrene	114	-	70-130	-	
Tetrachloroethene	103	-	70-130	-	
Tetrahydrofuran	128	-	70-130	-	
Toluene	120	-	70-130	-	
trans-1,2-Dichloroethene	104	-	70-130	-	
trans-1,3-Dichloropropene	95	-	70-130	-	
Trichloroethene	91	-	70-130	-	
Trichlorofluoromethane	84	-	70-130	-	
Vinyl acetate	128	-	70-130	-	
Vinyl bromide	87	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261

Lab Number: L0618985
Report Date: 01/08/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-09 Batch: WG266764-4					
Vinyl chloride	91	-	70-130	-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261

Lab Number: L0618985
Report Date: 01/08/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-09 QC Batch ID: WG266764-2 QC Sample: L0618985-08 Client ID: BACKGROUND DUPLICATE					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trichlorbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethybenzene	ND	ND	ppbV	NC	25
1,3-Butadiene	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
2-Butanone	ND	ND	ppbV	NC	25
2-Hexanone	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261

Lab Number: L0618985
Report Date: 01/08/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-09 QC Batch ID: WG266764-2 QC Sample: L0618985-08 Client ID: BACKGROUND DUPLICATE					
3-Chloropropene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
Acetone	2.49	2.82	ppbV	12	25
Benzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Bromomethane	ND	ND	ppbV	NC	25
Carbon disulfide	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Cyclohexane	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261

Lab Number: L0618985
Report Date: 01/08/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-09 QC Batch ID: WG266764-2 QC Sample: L0618985-08 Client ID: BACKGROUND DUPLICATE					
Ethanol	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
Freon-113	ND	ND	ppbV	NC	25
Freon-114	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25
Isopropanol	ND	ND	ppbV	NC	25
Methylene chloride	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
Heptane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
Propylene	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
Tetrachloroethene	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
Toluene	ND	0.608	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261

Lab Number: L0618985
Report Date: 01/08/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01,03,05,07-09 QC Batch ID: WG266764-2 QC Sample: L0618985-08 Client ID: BACKGROUND DUPLICATE					
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Trichlorofluoromethane	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
Vinyl bromide	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: KEITH MIDDLE SCHOOL
Project Number: 03261

Lab Number: L0618985
Report Date: 01/08/07

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0618985-01A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0618985-02A	Canister - 6 Liter	NA	NA	NA	NA	Absent	HOLD
L0618985-03A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0618985-04A	Canister - 6 Liter	NA	NA	NA	NA	Absent	HOLD
L0618985-05A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0618985-06A	Canister - 6 Liter	NA	NA	NA	NA	Absent	HOLD
L0618985-07A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0618985-08A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0618985-09A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15

Project Name:	KEITH MIDDLE SCHOOL	**Lab Number:**	L0618985
Project Number:	03261	**Report Date:**	01/08/07

GLOSSARY

Acronyms

EPA - Environmental Protection Agency.
LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD - Laboratory Control Sample Duplicate: Refer to LCS.
MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD - Matrix Spike Sample Duplicate: Refer to MS.
NA - Not Applicable.
NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Report Format: Not Specified

Project Name: KEITH MIDDLE SCHOOL **Lab Number:** L0618985
Project Number: 03261 **Report Date:** 01/08/07

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

01080719:36

AIR ANALYSIS

PAGE 2 OF 3

ALPHA WOODS HOLE LABS

CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Date Rec'd in Lab: 12/29/06

ALPHA Job #: L0601 8985

Client Information

Client: BETA Group, Inc.
Address: 315 Norwood Park South
Norwood MA 02062
Phone: 781-255-1982
Fax: 781-255-1974
Email: ahamscom@beta-inc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Keith Middle School
Project Location: New Bedford MA
Project #: 03261
Project Manager: Al Hamscom
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
5 DAYS
TO-13: 10 DAYS
Date Due: 1/8/07 Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #: 03261

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	TO-14A	TO-15	~~TO-15 SIM~~ PCBs APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
8985 1	A-7A, Hallway	12/28/06			A	TMD				X								All end date 12/29/06
2	A-7B, Hallway *	↓			↓	↓				↓								
3	B-7A, And.																	
4	B-7B, And. *																	
5	C-7A, Fac. Dining																	
6	C-7B, Fac Dining *																	
7	Background																	
8	Background-Duplicate																	
9	Field Blank	12/28/06			A	TMD				↓								
	Field Blank	12/28/06			A					X								

Shaded Gray Areas For Lab Use Only

Container Type CS →

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

* Hold

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/29/06 12/29/06 1620	[signature]	12/29/06 2:23 12/29/06 1620

Form No: 01-03 (rev. 28-NOV-06)