Information To Build On
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January 26, 2015

Clean Harbors Environmental Services, Inc.
32 Bask Road
Glenmont, New York 12077

Attn: Mr. Marc Phillips
Senior Field Service Specialist

Re: PCB Air Sampling Report
Parker Theater
SUNY College at New Paltz
New Paltz, New York
PSI Project Number 0836-616

Dear Mr. Phillips:

Pursuant to the request of Mr. Michael G. Malloy, Director of Environmental Health and Safety at SUNY New Paltz., the combined environmental sampling team of Clean Harbors Environmental Services Inc. (CHES) and Professional Service Industries, Inc. (PSI) performed a Polychlorinated Biphenyl (PCB) Air Sampling Event on November 20, 2014.

An air sample was requested to be collected at the Parker Theater as the vault interior was recently coated with a new application of sealant. The PCB Air Sampling was conducted in accordance with the PCB Wipe and Air Sampling Work Plan (the Work Plan), developed for 2013 PCB Sampling Event. The Work Plan was developed based on the CHES 1996 Sampling Plan that was included in the New York State Department of Health (NYSDOH) Report of November 2005.

Air Sampling Operations

The Work Plan protocol requires 2 air samples to be collected simultaneously at the sample location. One location was requested to be sampled and quality control samples were also submitted to the laboratory for analysis as required. The samples were collected in tandem from the Parker Theater Transformer Vault. A total of 4 samples were submitted for analysis, 2 air samples and 2 quality control samples. The samples were hand delivered the same day and submitted for laboratory analysis by Pace Analytical (PACE) an Environmental Laboratory Accreditation Program (ELAP) accredited laboratory.

The air samples were analyzed for PCBs via EPA Method TO-10A. The Practical Quantitation Limit (PQL) for these samples is 0.0952 µg/m^3 per arochlor congener. The laboratory PQL denotes lowest analyte concentration reportable for the sample. The CHES 1996 Sampling Plan criteria required a detection limit of less than 0.1 µg/m^3 per arochlor congener.

Conclusions

The attached laboratory results of the two air samples collected in the electrical vault of Parker Theater on November 20th, 2014 were below the laboratory PQL and were reported to be non-detect at less than (<) 0.0952 ug/m3 which does not exceed the established NYSDOH clean-up criterion of 1.0 ug/m3.

These air samples were taken to validate the application and effectiveness of the newly applied sealant in the vault.

Warrantee

The information provided in this report prepared by PSI, under Project No. 0836-616 is intended exclusively for Clean Harbors Environmental Services Inc. (CHES) and SUNY New Paltz as it pertains to the SUNY New Paltz building listed in this report and located in New Paltz, New York, at the time the activities were conducted. No unnamed third party shall have the right to rely on this report. The professional services provided have been performed in accordance with practices generally accepted by other appropriate environmental professionals, asbestos inspectors, engineers, and environmental scientists practicing in this field. No other warranty, either expressed or implied, is made. This report was based on the laboratory results for samples collected during this sampling event and information supplied by CHES and SUNY New Paltz.

PSI is not an insurer and makes no guarantee or warranty that the services supplied will avert or mitigate occurrences, or the consequences of occurrences, that the services are designed to prevent or ameliorate. As with all sampling procedures, there is no guarantee that the work conducted has identified any and all sources or locations of PCBs, petroleum hydrocarbons or hazardous substances or chemicals in the soil, air, concrete or groundwater. This report is issued with the understanding that SUNY New Paltz is responsible for ensuring that the information contained in this report is accurate and brought to the attention of the appropriate regulatory agency, if any.

Use by Third Parties

This report was prepared pursuant to the contract PSI has with CHES. Because of the importance of the communication between PSI, CHES and SUNY New Paltz, reliance or any use of this report by anyone other than CHES or SUNY New Paltz for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to PSI's contract with CHES. Any such unauthorized reliance on or use of this report, including any of its information or

conclusions, will be at third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

Please call with any questions you may have, or if PSI can be of additional service. We look forward to working with you on this and future projects.

Respectfully submitted,
PROFESSIONAL SERVICE INDUSTRIES, INC.

David W. Myers, C.G.
Senior Environmental Specialist

Paul Misiaszek, CHMM
Principal Consultant &
Environmental Specialist

cc: File 0836616-1

Enclosures:
Laboratory Analysis Report

Date Issued: November 26, 2014

Pace Analytical e-Report

Report prepared for:
PROFESSIONAL SERVICE INDUSTRIES
104 ERIE BOULEVARD
SCHENECTADY, NY 12305
CONTACT: PAUL MISIASZEK

Project ID: PARKER THEATER VAULT 0836616
Sampling Date(s): November 20, 2014
Lab Report ID: 14110588
Client Service Contact: Chelsea Farmer (518) 346-4592 ext. 3843

Analysis Included:
PCB Analysis (TO-10A)

Dan Pfalzer
Laboratory Director

Certifications: New York (EPA: NY00906, ELAP: 11078), New Jersey (NY026), Connecticut (PH-0337), Massachusetts (M-NY906), Virginia (1884)

Pace Analytical Services, Inc.| 2190 Technology Drive | Schenectady, NY 12308
Phone: 518.346.4592 | internet: www.pacelabs.com

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Table of Contents

CASE NARRATIVE

November 26, 2014

CASE NARRATIVE

This data package (SDG ID: 14110588) consists of 4 polyurethane foam samples received on 11/20/2014. The samples are from Project Name: PARKER THEATER VAULT 0836616.

This sample delivery group consists of the following samples:

Lab Sample ID	Client ID	Collection Date
AR45614	PTV-1	11/20/2014 13:46
AR45615	PTV-2	11/20/2014 13:46
AR45616	FIELD BLANK	11/20/2014
AR45617	MEDIA BLANK	11/20/2014

Sample Delivery and Receipt Conditions

(1.) All samples were delivered to the laboratory via DROP OFF delivery service on 11/20/2014.

(2.) All samples were received at the laboratory intact and within holding times.

(3.) All samples were received at the laboratory properly preserved, if applicable.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by EPA Method TO-10A with Dual GC Column Analysis. Samples were extracted by Method TO-10A. The following technical and administrative items were noted for the analysis:

(1.) The percent recovery for DCBP surrogates were outside quality acceptance limits for samples: AR45616 AR45617. Please see associated Form for details.

Respectfully submitted,

Chelsea L. Farmer
Project Manager

QUALIFIERS

Definitions

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted. The analysis of the sample required a dilution such that the surrogate concentration was diluted outside the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).

MDL – Method Detection Limit. Denotes lowest analyte concentration observable for the sample based on statistical study.

P - Indicates relative percent difference (RPD) between primary and secondary gas chromatograph (GC) column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary gas chromatograph (GC) column analysis exceeds 25 %.

PQL – Practical Quantitation Limit. Denotes lowest analyte concentration reportable for the sample.

U - Denotes analyte not detected at concentration greater than the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

Z - Chromatographic interference due to polychlorinated biphenyl (PCB) co-elution.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<14110588P1>

141105881

Page: of 1816515

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Paul M. Siaszek	Attention: Paul Misiaszek
Address: 104 Fire Blvd, Suite 1 Schenectady, NY 12305	Copy To:	Company Name: PSI
Email To: paul.misiaszek@psiusa.com	Purchase Order No.:	Address:
Phone: 518-377-9841 Fax: 518-377-9847	Project Name: Parker Theater Vault	Pace Quote Reference:
Requested Due Date/TAT: 2 week	Project Number: 0836616	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	EPA Method TO-10A for PCBs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1			11/20/2014	0836																
2	AR		11/20/2014	0846	11/20/14	1346		1	X								X	X		AR45614
3	AR		11/20/2014	0846	11/20/14	1346		1	X								X	X		AR45615
4	AR		11/20/2014					1	X								X	X		AR45616
5	AR		11/20/14					1	X								X	X		AR45617
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
samples run 300 min @ 350 ml/min		11/20/2014	1545	J. Batty (PACE)	11/20/14	15:45	4.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jamelle Snider

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/20/2014

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

Sample Condition Upon Receipt

<14110588P2>

CLIENT NAME: PSI

PROJECT : 0936616

COURIER: FedEx ☐ UPS ☐ Client ☒ Pace ☐ Other ☐

TRACKING # N/A **CUSTODY SEAL PRESENT**: Yes ☐ No ☒ **INTACT**: Yes ☐ No ☐ N/A ☒

PACKING MATERIAL: Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other ☐ **ICE USED**: Wet ☒ Blue ☐ None ☐

THERMOMETER USED: #164 ☒ IR Gun 03 ☐ #122087967 ☐ **COOLER TEMPERATURE (°C)**: 4.2

BIOLOGICAL TISSUE IS FROZEN: Yes ☐ No ☐ N/A ☒ Temp should be above freezing to 6°C

COMMENTS:

Chain of Custody Present:	☒Yes	☐No		1.
Chain of Custody Filled Out:	☒Yes	☐No		2.
Chain of Custody Relinquished:	☒Yes	☐No		3.
Sampler Name / Signature on COC:	☐Yes	☐No		4.
Samples Arrived within Hold Time:	☒Yes	☐No		5.
Short Hold Time Analysis (<72hr):	☐Yes	☒No		6.
Rush Turn Around Time Requested:	☐Yes	☒No		7.
Sufficient Volume:	☒Yes	☐No		8.
Correct Containers Used:	☒Yes	☐No		9.
- Pace Containers Used:	☒Yes	☐No		
Containers Intact:	☒Yes	☐No		10.
Filtered volume received for Dissolved tests:	☐Yes	☐No	☒N/A	11.
Sample Labels match COC: - Includes date/time/ID/Analysis	☒Yes	☐No		12.
All containers needing preservation have been checked:	☐Yes	☐No	☒N/A	13.
All containers needing preservation are in compliance with EPA recommendation: - Exceptions that are not checked: VOA	☐Yes	☐No	☒N/A	Initial when completed: NA / Lot # of added preservative: NA
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	14.
Trip Blank Present:	☐Yes	☐No	☒N/A	15.
Trip Blank Custody Seals Present:	☐Yes	☐No	☒N/A	
Pace Trip Blank Lot #: _____				

Sample Receipt form filled in: KJP

Line-Out (Includes Copying Shipping Documents and verifying sample pH): KJP 11/21/14

Log In (Includes notifying PM of any discrepacies and documenting in LIMS): AJB 11/21/14

Labeling (Includes Scanning Bottles and entering LAB IDs into pH logbook): KJP 11/21/14

SAMPLE RECEIPT

SAMPLE RECEIPT REPORT
14110588

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

CLIENT: PROFESSIONAL SERVICE INDUSTRIES
PROJECT: PARKER THEATER VAULT 0836616
LRF: 14110588
REPORT: ANALYTICAL REPORT
EDD: YES
LRF TAT: 7 DAYS

RECEIVED DATE: 11/20/2014 15:45
SHIPPED VIA: DROP OFF
SHIPPING ID: J. SNIDER/ PSI
NUMBER OF COOLERS: 1
CUSTODY SEAL INTACT: NA
COOLER STATUS: CHILLED
TEMPERATURE(S): [5] 4.2 °C

SAMPLE SEALS INTACT: NA
[1,2] SAMPLES PRESERVED PER METHOD GUIDANCE: YES
[3] SAMPLES REC'D IN HOLDTIME: YES
DISPOSAL: BY LAB (45 DAYS)
COC DISCREPANCY: NO

COMMENTS:

CLIENT ID (LAB ID)	TAT-DUE Date[4]	DATE-TIME SAMPLED	MATRIX	METHOD	TEST DESCRIPTION	QC REQUEST
PTV-1 (AR45614)	7 DAYS 12-03-14	11/20/2014 13:46	PF10	EPA TO-10A	PCB Analysis (TO-10A)	
PTV-2 (AR45615)	7 DAYS 12-03-14	11/20/2014 13:46	PF10	EPA TO-10A	PCB Analysis (TO-10A)	
FIELD BLANK (AR45616)	7 DAYS 12-03-14	11/20/2014	PF10	EPA TO-10A	PCB Analysis (TO-10A)	
MEDIA BLANK (AR45617)	7 DAYS 12-03-14	11/20/2014	PF10	EPA TO-10A	PCB Analysis (TO-10A)	

[1]The pH preservation check of Oil and Grease (Method 1664) is performed as soon as possible after sample receipt and may not be included in this report.
[2]The pH preservation check of aqueous volatile samples is not performed until after the analysis of the sample to maintain zero headspace and is not included in this report.
[3]Samples received for pH analysis are not marked as a hold time exceedance here. SW-846 methods suggests analysis to be done within 15 minutes of sample collection. Because of transportation time it is not possible for the laboratory to perform the test in that time. Sample Certificates of Analysis reports are noted as such.
[4]Samples arriving at the laboratory after 4:00 pm are assigned a due date as if they arrived the following business day unless other arrangements have been made.
The due date represents the date the lab report is expected to be completed on or before 5:00 pm (EST) for the date specified.
[5]All samples which require thermal preservation shall be considered acceptable when received greater than 6 degrees Celsius if they are collected on the same day as received and there is evidence that the chilling process has begun, such as arrival on ice.Control limits are between 0-6 Degrees Celsius. Control limits do not apply for metals analysis.

Reporting Parameters and Lists

EPA TO-10A - PCB Analysis (TO-10A) - (ug)

Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Total PCB Amount > RL

EPA TO-10A - PCB Analysis (TO-10A) - (ug/m3)

Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Total PCB Amount > RL

GC - PCB

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: PTV-1
Lab Sample ID: 14110588-01 (AR45614)

Collection Date: 11/20/2014 13:46
Sample Matrix: POLYURETHANE FOAM
Received Date: 11/20/2014 15:45
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-2071-7	EPA Method TO-10A	11/25/2014 11:25	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	1.05m³	5.00 mL	NA

Analyte	CAS No.	Result (ug/m³)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0952	1.00	U	GC20F-2071-7
Aroclor 1221	11104-28-2	ND	0.0952	1.00	U	GC20F-2071-7
Aroclor 1232	11141-16-5	ND	0.0952	1.00	U	GC20F-2071-7
Aroclor 1242	53469-21-9	ND	0.0952	1.00	U	GC20F-2071-7
Aroclor 1248	12672-29-6	ND	0.0952	1.00	U	GC20F-2071-7
Aroclor 1254	11097-69-1	ND	0.0952	1.00	U	GC20F-2071-7
Aroclor 1260	11096-82-5	ND	0.0952	1.00	U	GC20F-2071-7
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-2071-7

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	92.0	60.0-120		GC20F-2071-7
Decachlorobiphenyl	2051-24-3	115	60.0-120		GC20F-2071-7
Tetrachloro-meta-xylene	877-09-8	96.7	60.0-120		GC20B-2069-7
Decachlorobiphenyl	2051-24-3	113	60.0-120		GC20B-2069-7

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
Note: Concentration results based upon client supplied air volumes.

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Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: PTV-2
Lab Sample ID: 14110588-02 (AR45615)

Collection Date: 11/20/2014 13:46
Sample Matrix: POLYURETHANE FOAM
Received Date: 11/20/2014 15:45
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-2071-8	EPA Method TO-10A	11/25/2014 11:37	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	1.05m³	5.00 mL	NA

Analyte	CAS No.	Result (ug/m³)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0952	1.00	U	GC20F-2071-8
Aroclor 1221	11104-28-2	ND	0.0952	1.00	U	GC20F-2071-8
Aroclor 1232	11141-16-5	ND	0.0952	1.00	U	GC20F-2071-8
Aroclor 1242	53469-21-9	ND	0.0952	1.00	U	GC20F-2071-8
Aroclor 1248	12672-29-6	ND	0.0952	1.00	U	GC20F-2071-8
Aroclor 1254	11097-69-1	ND	0.0952	1.00	U	GC20F-2071-8
Aroclor 1260	11096-82-5	ND	0.0952	1.00	U	GC20F-2071-8
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-2071-8

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	90.1	60.0-120		GC20F-2071-8
Decachlorobiphenyl	2051-24-3	120	60.0-120		GC20F-2071-8
Tetrachloro-meta-xylene	877-09-8	101	60.0-120		GC20B-2069-8
Decachlorobiphenyl	2051-24-3	120	60.0-120		GC20B-2069-8

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
Note: Concentration results based upon client supplied air volumes.

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Pace Analytical®

Analytical Sample Results

Job Number: 14110588

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: FIELD BLANK
Lab Sample ID: 14110588-03 (AR45616)

Collection Date: 11/20/2014
Sample Matrix: POLYURETHANE FOAM
Received Date: 11/20/2014 15:45
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-2071-9	EPA Method TO-10A	11/25/2014 11:50	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	0.00m³	5.00 mL	NA

Analyte	CAS No.	Result (ug)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC20F-2071-9
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC20F-2071-9
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC20F-2071-9
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC20F-2071-9
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC20F-2071-9
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC20F-2071-9
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC20F-2071-9
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-2071-9

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.8	60.0-120		GC20F-2071-9
Decachlorobiphenyl	2051-24-3	121	60.0-120	*	GC20F-2071-9
Tetrachloro-meta-xylene	877-09-8	103	60.0-120		GC20B-2069-9
Decachlorobiphenyl	2051-24-3	121	60.0-120	*	GC20B-2069-9

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Pace Analytical®

Analytical Sample Results

Job Number: 14110588

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: MEDIA BLANK
Lab Sample ID: 14110588-04 (AR45617)

Collection Date: 11/20/2014
Sample Matrix: POLYURETHANE FOAM
Received Date: 11/20/2014 15:45
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-2071-10	EPA Method TO-10A	11/25/2014 12:03	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	0.00m³	5.00 mL	NA

Analyte	CAS No.	Result (ug)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC20F-2071-10
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC20F-2071-10
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC20F-2071-10
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC20F-2071-10
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC20F-2071-10
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC20F-2071-10
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC20F-2071-10
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-2071-10

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	96.3	60.0-120		GC20F-2071-10
Decachlorobiphenyl	2051-24-3	122	60.0-120	*	GC20F-2071-10
Tetrachloro-meta-xylene	877-09-8	97.5	60.0-120		GC20B-2069-10
Decachlorobiphenyl	2051-24-3	121	60.0-120	*	GC20B-2069-10

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Samples (Lab)

Pace Analytical®

Quality Control Results
Method Blank

Job Number: 14110588

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: Method Blank (AR45614B)
Lab Sample ID: PBLK-61

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20B-2069-4	EPA Method TO-10A	11/25/2014 10:47	JEB	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	0.00m³	5.00 mL	NA

Analyte	CAS No.	Result (ug)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC20B-2069-4
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC20B-2069-4
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC20B-2069-4
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC20B-2069-4
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC20B-2069-4
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC20B-2069-4
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC20B-2069-4
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20B-2069-4

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	91.7	60.0-120		GC20B-2069-4
Decachlorobiphenyl	2051-24-3	111	60.0-120		GC20B-2069-4

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

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PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Pace Analytical®

Quality Control Results
Method Blank

Job Number: 14110588

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: Method Blank (AR45614B)
Lab Sample ID: PBLK-61

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-2071-4	EPA Method TO-10A	11/25/2014 10:47	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	0.00m³	5.00 mL	NA

Analyte	CAS No.	Result (ug)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.100	1.00	U	GC20F-2071-4
Aroclor 1221	11104-28-2	ND	0.100	1.00	U	GC20F-2071-4
Aroclor 1232	11141-16-5	ND	0.100	1.00	U	GC20F-2071-4
Aroclor 1242	53469-21-9	ND	0.100	1.00	U	GC20F-2071-4
Aroclor 1248	12672-29-6	ND	0.100	1.00	U	GC20F-2071-4
Aroclor 1254	11097-69-1	ND	0.100	1.00	U	GC20F-2071-4
Aroclor 1260	11096-82-5	ND	0.100	1.00	U	GC20F-2071-4
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-2071-4

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	91.1	60.0-120		GC20F-2071-4
Decachlorobiphenyl	2051-24-3	113	60.0-120		GC20F-2071-4

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Pace Analytical®

Quality Control Results
Lab Control Sample (LCS)
Job Number: 14110588

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: Lab Control Sample (AR45614L)
Lab Sample ID: LCS-61

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20B-2069-5	EPA Method TO-10A	11/25/2014 11:00	JEB	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	0.00m³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCS (ug)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1242	53469-21-9	1.00	0.881	88.1		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-120		GC20B-2069-5
Decachlorobiphenyl	2051-24-3	115	60.0-120		GC20B-2069-5

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Pace Analytical®

Quality Control Results
Lab Control Sample (LCS)
Job Number: 14110588

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: Lab Control Sample (AR45614L)
Lab Sample ID: LCS-61

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-2071-5	EPA Method TO-10A	11/25/2014 11:00	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	0.00m³	5.00 mL	NA

Analyte Spiked	CAS No.	Added (ug)	LCS (ug)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1242	53469-21-9	1.00	0.882	88.2		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	97.2	60.0-120		GC20F-2071-5
Decachlorobiphenyl	2051-24-3	116	60.0-120		GC20F-2071-5

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Pace Analytical®

Quality Control Results
Lab Control Sample - Duplicate (LCSD)
Job Number: 14110588

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: Lab Control Sample - Duplicate (AR45614S)
Lab Sample ID: LCSD-61

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20B-2069-6	EPA Method TO-10A	11/25/2014 11:12	JEB	NA	NA	Phenomenex, Zebron ZB-5, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	0.00m³	5.00 mL	NA

							Precision			
Analyte Spiked	**CAS No.**	**Added (ug)**	**LCSD (ug)**	**LCSD % Rec.**	**Q[1]**	**Limits (%)**	**LCS % Rec.**	**RPD**	**Q[1]**	**Limits (%)**
Aroclor 1242	53469-21-9	1.00	0.886	88.6		70.0-130	88.1	0.566		20

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	**CAS No.**	**% Recovery**	**Limits (%)**	**Q[1]**	**File ID**
Tetrachloro-meta-xylene	877-09-8	101	60.0-120		GC20B-2069-6
Decachlorobiphenyl	2051-24-3	116	60.0-120		GC20B-2069-6

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Pace Analytical Services, Inc.
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Client: PROFESSIONAL SERVICE INDUSTRIES
Project: PARKER THEATER VAULT 0836616
Client Sample ID: Lab Control Sample - Duplicate (AR45614S)
Lab Sample ID: LCSD-61

Collection Date: N/A
Sample Matrix: POLYURETHANE FOAM
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-2071-6	EPA Method TO-10A	11/25/2014 11:12	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	29607	TO-10A	11/24/2014 13:30	KFM	0.00m³	5.00 mL	NA

							Precision			
Analyte Spiked	**CAS No.**	**Added (ug)**	**LCSD (ug)**	**LCSD % Rec.**	**Q[1]**	**Limits (%)**	**LCS % Rec.**	**RPD**	**Q[1]**	**Limits (%)**
Aroclor 1242	53469-21-9	1.00	0.875	87.5		70.0-130	88.2	0.797		20

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	**CAS No.**	**% Recovery**	**Limits (%)**	**Q[1]**	**File ID**
Tetrachloro-meta-xylene	877-09-8	88.6	60.0-120		GC20F-2071-6
Decachlorobiphenyl	2051-24-3	118	60.0-120		GC20F-2071-6

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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