Sam Niemann

From: David Hanny <Dhanny@bartonandloguidice.com>
Sent: Wednesday, January 22, 2014 4:59 PM
To: Brian Davidson
Cc: Sam Niemann
Subject: ARAMARK Solvay 2013 Periodic Review Report
Attachments: 909.001.004 2013 Periodic Review Report (ID 505974).pdf

Hi Brian,

I hope all is well. Please find attached the 2013 Periodic Review Report for ARAMARK Solvay. Can you please acknowledge receipt and let me know if you would like me to provide hard copies. Per the approved Site Management Plan we are requesting termination of the groundwater monitoring program in 2014. Please let me know of any questions regarding the report. Thank you,

David R. Hanny, CPESC, CPSWQ, LEED AP
Senior Managing Environmental Scientist

Barton & Loguidice, D.P.C.
Engineers, Environmental Scientists, Planners, Landscape Architects

11 Centre Park ♦ Suite 203 ♦ Rochester, NY 14614 ♦ Phone: (585) 325-7190
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January 14, 2014

Mr. Brian Davidson
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7016

Re: ARAMARK Uniform Services (VCP Site #V00665-7)
2013 Periodic Review Report and Certification of Institutional Controls

File: 909.001.004

Dear Mr. Davidson:

In accordance with the Site Management Plan (SMP), Barton & Loguidice, D.P.C. (B&L) has prepared the 2013 Periodic Review Report and Certification of Institutional Controls for operation of the Sub-Slab Depressurization System (SSDS) at the ARAMARK Uniform Services property (Site). The Site, located at 3009 and 3117 Milton Avenue in Solvay, New York was remediated in accordance with the Voluntary Cleanup Agreement (VCA) Index #B7-0643-03-09, Site # V00665-7. The following activities were conducted in 2013 with summaries provided below:

- Annual groundwater monitoring at locations MW-A, MW-B, & MW-2;
- Annual sub-slab vapor monitoring at locations VP-A & VP-B;
- Annual site-wide and SSDS inspections;
- Periodic Review Report; and
- Certification of Institutional Controls.

Groundwater Sampling Summary

Three groundwater monitoring wells (MW-A, MW-B, and MW-2) were sampled on August 8, 2013. Sampling locations are depicted on Figure 1. Samples were submitted to ALS Laboratories, Inc. for analysis of volatile organic compounds (VOCs – EPA Method 8260) and semi-volatile organic compounds (SVOCs - EPA Method 8270).

The 2013 groundwater results indicate residual low-level exceedances of VOCs above NYSDEC Groundwater Standards at locations MW-A and MW-2. No SVOCs were detected at locations MW-A and MW-2. Location MW-B did not have any detections of VOCs or SVOCs, and the NYSDEC has approved discontinuing future monitoring at MW-B. The results at MW-A and MW-2 are consistent with data collected from prior monitoring rounds. Groundwater data summary tables are provided in Attachment A and the full laboratory reports are provided in Attachment B. As outlined below, we request termination of the groundwater monitoring requirement in 2014.

290 Elwood Davis Road • Box 3107 • Syracuse, New York 13220
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Sub-Slab Vapor Sampling Summary

Two sub-slab vapor monitoring points (VP-A and VP-B) were sampled on August 8, 2013 (refer to Figure 1). Samples were submitted to ALS Laboratories, Inc. for analysis of VOCs via EPA Method TO-15. Sub-slab vapor results are generally consistent with prior monitoring rounds. Results are above NYSDOH decision matrix threshold that warrant ongoing monitoring. The sub-slab vapor data summary tables are provided in Attachment C and the full laboratory reports are provided in Attachment D. One (1) round of sub-slab vapor monitoring will be conducted in 2014 in accordance with the SMP.

SSD System Inspection Summary

The annual site wide inspection and SSDS inspection was performed on August 8, 2013. ARAMARK personnel also perform weekly maintenance checks on the system. The system is operating in accordance with the Remedial Action Work Plan. The site wide inspection form is provided in Attachment E and the SSDS inspection forms are provided in Attachment F.

Certification of Engineering and Institutional Controls

The system is operating in accordance with the SMP as certified in Attachment G.

Summary and Conclusion

Sub-slab vapor monitoring will continue in 2014 on an annual basis in accordance with the SMP. The SSDS is operating in accordance with the design provided as part of the Remedial Action Work Plan.

Per the SMP, groundwater monitoring for natural attenuation is considered complete when two (2) consecutive rounds of annual water quality data demonstrate stabilization or reduction of the contamination plume. The 2011, 2012 and 2013 data document that the natural attenuation monitoring requirements have been satisfied. We request that the groundwater monitoring requirement of the SMP be terminated. Upon your approval we would update the SMP and decommission the remaining groundwater monitoring wells.

Please contact me if you have any questions regarding the 2013 monitoring data, SSDS operation or groundwater monitoring termination request.

Very truly yours,

BARTON & LOGUIDICE, D.P.C.

David R. Hanny, CPESC, CPSWQ, LEED AP
Senior Managing Environmental Scientist

DRH/akg
Attachments

Figure 1

Site Management Plan Monitoring Locations

1/32"=1'-0" 32' 16' 0 32' 64'

N

MILTON AVENUE

SIDEWALK
SIDEWALK
SIDEWALK
SIDEWALK
SIDEWALK

EXISTING CO2 AST (FORMER LOCATION OF 12,000 GALLON FUEL OIL UST)

TRANSFORMER

MW-B

PANELS ELECTRIC

MW-A

VP-A

WITHIN THIS AREA, ALL JOINTS, CRACKS, SUMPS AND PIPE/UTILITY PENETRATIONS SHALL BE PROPERLY SEALED TO PREVENT INTRUSION OF SOIL VAPORS AND INTERNAL PRESSURE VARIANCES, SEE NOTES ON SHEET 2.

MAT SHELVES

INCLINED MAT TABLE

MAT SHELVES

MAT SHELVES

SHOP TOWEL STORAGE

MAT SHELVES

LINEN SHELVES

MAT SHELVES

VP-B

APPROXIMATE ROOF AREA ALREADY OCCUPIED BY VENTS

3117 MILTON AVENUE

HOUSE
3009 MILTON AVENUE

BAILEY AVENUE

TANK SLUDGE

DAF VESSEL

EQ. TANK

EQ. TANK

SUB-SLAB DEPRESSURIZATION SUCTION PIT

SUMP

BASEMENT

APPROXIMATE ZONE OF AIR INTAKE INFLUENCE- SSDS VENT SHALL NOT BE PLACED WITHIN LIMITS OF ZONE OF INFLUENCE

APPROXIMATE LOCATION OF AIR INTAKE

MW-2

SIDEWALK

LEGEND:

- SITE BOUNDARY
- SUB-SLAB VAPOR SURVEY POINT
- VP-A LOCATION OF SUCTION PIT
- MW-A GROUNDWATER MONITORING WELL LOCATION
- LIMITS OF SEALANT

ARAMARK UNIFORM SERVICES (SYRACUSE), LLC.

SITE MANAGEMENT PLAN
MONITORING LOCATIONS

ONONDAGA COUNTY, NEW YORK

VILLAGE OF SOLVAY

Barton & Loguidice, P.C.

Date
FEBRUARY, 2012

Scale
AS SHOWN

Figure Number
1

Project Number
909.001.003

Plotted: Feb 23, 2012 - 1:08PM SYR By: jgs
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Attachment A

Groundwater Data Summary Tables

Table 1
ARAMARK Uniform Services
Voluntary Cleanup Project
Solvay, NY

Post Construction Summary of Groundwater Standard Exceedances

PARAMETER	NYSDEC Groundwater Standards and Guidance Values (ppb)	Groundwater Samples																															
		MW-A								MW-B								MW-2																
		All results in ug/l (ppb)																																
Volatile Organics EPA Method 8260		August '11		Dec. '11		Oct. '12		Aug '13		August '11		Dec. '11		Oct. '12		Aug '13		April '05		June '05		Aug. '06		Nov.'06		August '11		Dec. '11		Oct. '12		Aug '13	
Vinyl Chloride	**2**	<5	U	<25	U	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U	**18.0**	J	**64.0**	J	**45.0**	J	**52.0**	J	**20**	J	**66**		**16**		**12**	
cis-1,2-Dichloroethene	**5**	**190**		**260**		**33**		**34**		<5	U	<5	U	<5	U	<5	U	**10.0**	J	**79.0**	J	**58.0**	J	**50.0**	J	**100**		**180**		**7.7**		**18**	
trans-1,2-Dichloroethene	**5**	**6.3**		<25	U	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U	<0.4	U	0.7	J	0.6	J	<10	J	<5	U	<5	U	<5	U	<5	U
Trichloroethene	**5**	**25**		**13.0**	J	**17.0**		**5.5**		<5	U	<5	U	<5	U	<5	U	1.8	J	**6.0**	J	**10.0**	J	2.0	J	**70**		**7.6**		<5	U	**7.6**	U
Tetrachloroethene	**5**	**150**		**97**		**190**		**32**		<5	U	<5	U	<5	U	<5	U	**12.0**	J	**19.0**	J	**75.0**	J	2.5	J	**180**	Q	**8.9**		**11**		**9**	
Total (sum of compounds listed above)	**--**	374.3		370.0		240.0		71.5		<5		<5		<5		<5		41.8		169.0		188.6		106.5		370		262.5		34.7		46.6	
Semi-Volatile Organics EPA Method 8270																																	
2,4-Dimethylphenol	**1**	<5	U	<5	U	<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	<1.2	U	**2.4**	J	<10	U	<9.8	U	<10	U	<50	U	<5.3	U	<9.4	U
Phenanthrene	**[50]**	1	J	1.5	J	<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	46		49		3	J	1.2	J	31		**80**		35		<9.4	U
Fluoranthene	**[50]**	1	J	2.3	J	<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	24		33		5	J	3.5	J	**58**		**130**		47		<9.4	U
Bis(2-ethylhexyl)phthalate	**5**	2	J	<5		<5.1	J	<9.4	J	2	J	<5	U	<5.3	U	<9.4	U	<1.6	U	4.2	J	2	J	<9.8	U	**10**		**12**	J	<5.3	U	<9.4	U
Pyrene	**[50]**	<5	U	1.7	J	<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	20		25		3	J	<9.8	U	32		**87**		**76**		<9.4	U
Benzo(a)anthracene	**[0.002]**	<5	U	<5		<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	**14**		**15**		**2**	J	**1**	J	**30**		**69**	J	**33**		<9.4	U
Chrysene	**[0.002]**	<5	U	<5		<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	**1.8**	U	**13**		**2**	J	**1**	J	**26**		**55**		**26**		<9.4	U
Benzo(b)fluoranthene	**[0.002]**	<5	U	**1.4**	J	<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	**15**		**15**		**1**	J	<9.8	U	**22**		**68**	J	**28**		<9.4	U
Benzo(k)fluoranthene	**[0.002]**	<5	U	<5		<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	**8.5**		**5.9**	J	**1**	J	<9.8	U	**16**		**24**	J	**25**		<9.4	U
Benzo(a)pyrene	**[0.002]**	<5	U	<5		<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	**12**		**11**		**1**	J	<9.8	U	**23**		**48**	J	**26**		<9.4	U
Indeno(1,2,3-cd)pyrene	**[0.002]**	<5	U	<5		<5.1	U	<9.4	U	<5	U	<5	U	<5.3	U	<9.4	U	**2.6**		**3.5**	J	<10	U	<9.8	U	**15**		**22**	J	**12**		<9.4	U
Total (sum of compounds listed above)	**--**	4		6.9		<5.1		<9.4		2		<5		<5.3		<9.4		142.1		177.0		20.0		6.7		313		639		308		<9.4	

Notes:

= Exceedance of NYSDEC Groundwater Standards or Guidance Values

U = Non Detected at the reporting limit

J =Analyte detected below quantification limits

Q = Outlying QC recoveries were associated with this parameter

Attachment B

2013 Groundwater Laboratory Report

August 26, 2013 Service Request No: R1305780

Mr. Dave Hanny
Barton & Loguidice, PC
11 Centre Park
Suite 203
Rochester, NY 14614

Laboratory Results for: Aramark Solvax 909.001.004

Dear Mr. Hanny:

Enclosed are the results of the sample(s) submitted to our laboratory on August 8, 2013. For your reference, these analyses have been assigned our service request number **R1305780.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. You may also contact me via email at Deb.Patton@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Deb Patton
Project Manager

ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623 PHONE 585-288-5380 | FAX 585-288-8475
ALS GROUP USA, CORP. Part of the ALS Group An ALS Limited Company

ALS ENVIRONMENTAL

Client:	Barton & Loguidice	**Service Request No.:**	R1305780
Project:	Aramark Solvax	**Date Received:**	8/8/13
Sample Matrix:	Water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS. This report contains analytical results for samples designated for Tier II. When appropriate to the method, method blank results and Laboratory Control Samples (LCS) recoveries have been reported with each analytical test.

Sample Receipt

Three water samples were received for analysis at ALS-Environmental on 8/8/13. The sample was received in good condition consistent with the accompanying chain of custody form enclosed. The sample was received at 2.2°C within the 0-6°C temperature guidelines.

Volatile Organics

No analytical or quality control problems were encountered during analysis.

Extractable Organics -8270

The Continuing Calibration Verification (CCV) standard exceeded 20% difference for Benzaldehyde and Fluorene on 8/19/13. All detected concentrations for these compounds in samples associated with the CCV should be considered as estimated.

No other analytical or quality control problems were encountered during analysis.

Approved by _____ **Date** 8/27/13

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1305780

Lab ID	Client ID
R1305780-001	MW-A
R1305780-002	MW-B
R1305780-003	MW-2

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1133
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Analyzed:	8/15/13 16:38
Sample Name:	MW-A	**Units:**	µg/L
Lab Code:	R1305780-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	353911
Data File Name:	I:\ACQUDATA\MSVOA8\DATA\081513\A9236.D\	**Instrument Name:**	R-MS-08
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
123-91-1	1,4-Dioxane	100	U	100	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	10	U	10	
71-43-2	Benzene	5.0	U	5.0	
74-97-5	Bromochloromethane	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	**16**		5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1133
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Analyzed:	8/15/13 16:38
Sample Name:	MW-A	**Units:**	µg/L
Lab Code:	R1305780-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	353911
Data File Name:	I:\ACQUDATA\MSVOA8\DATA\081513\A9236.D\	**Instrument Name:**	R-MS-08
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	**32**		5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	**5.5**		5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
1330-20-7	Xylenes, Total	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	**34**		5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	5.0	U	5.0	
104-51-8	n-Butylbenzene	5.0	U	5.0	
103-65-1	n-Propylbenzene	5.0	U	5.0	
95-47-6	o-Xylene	5.0	U	5.0	
135-98-8	sec-Butylbenzene	5.0	U	5.0	
98-06-6	tert-Butylbenzene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85-122	8/15/13 16:38	
Dibromofluoromethane	104	89-119	8/15/13 16:38	
Toluene-d8	101	87-121	8/15/13 16:38	

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1133
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Extracted:	8/14/13
		Date Analyzed:	8/16/13 22:29
Sample Name:	MW-A	**Units:**	µg/L
Lab Code:	R1305780-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354367
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081613\CS486.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
95-94-3	1,2,4,5-Tetrachlorobenzene	9.4	U	9.4	
120-82-1	1,2,4-Trichlorobenzene	9.4	U	9.4	
95-95-4	2,4,5-Trichlorophenol	9.4	U	9.4	
88-06-2	2,4,6-Trichlorophenol	9.4	U	9.4	
120-83-2	2,4-Dichlorophenol	9.4	U	9.4	
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	
51-28-5	2,4-Dinitrophenol	47	U	47	
121-14-2	2,4-Dinitrotoluene	9.4	U	9.4	
606-20-2	2,6-Dinitrotoluene	9.4	U	9.4	
91-58-7	2-Chloronaphthalene	9.4	U	9.4	
95-57-8	2-Chlorophenol	9.4	U	9.4	
91-57-6	2-Methylnaphthalene	9.4	U	9.4	
95-48-7	2-Methylphenol	9.4	U	9.4	
88-74-4	2-Nitroaniline	47	U	47	
88-75-5	2-Nitrophenol	9.4	U	9.4	
91-94-1	3,3'-Dichlorobenzidine	9.4	U	9.4	
	3- and 4-Methylphenol Coelution	9.4	U	9.4	
99-09-2	3-Nitroaniline	47	U	47	
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	
101-55-3	4-Bromophenyl Phenyl Ether	9.4	U	9.4	
59-50-7	4-Chloro-3-methylphenol	9.4	U	9.4	
106-47-8	4-Chloroaniline	9.4	U	9.4	
7005-72-3	4-Chlorophenyl Phenyl Ether	9.4	U	9.4	
100-01-6	4-Nitroaniline	47	U	47	
100-02-7	4-Nitrophenol	47	U	47	
83-32-9	Acenaphthene	9.4	U	9.4	
208-96-8	Acenaphthylene	9.4	U	9.4	
98-86-2	Acetophenone	9.4	U	9.4	
120-12-7	Anthracene	9.4	U	9.4	
1912-24-9	Atrazine	9.4	U	9.4	
56-55-3	Benz(a)anthracene	9.4	U	9.4	
100-52-7	Benzaldehyde	47	U	47	
50-32-8	Benzo(a)pyrene	9.4	U	9.4	

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1133
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Extracted:	8/14/13
		Date Analyzed:	8/16/13 22:29
Sample Name:	MW-A	**Units:**	µg/L
Lab Code:	R1305780-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354367
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081613\CS486.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
205-99-2	Benzo(b)fluoranthene	9.4	U	9.4	
191-24-2	Benzo(g,h,i)perylene	9.4	U	9.4	
207-08-9	Benzo(k)fluoranthene	9.4	U	9.4	
92-52-4	Biphenyl	9.4	U	9.4	
108-60-1	Bis(1-chloroisopropyl) Ether	9.4	U	9.4	
111-91-1	Bis(2-chloroethoxy)methane	9.4	U	9.4	
111-44-4	Bis(2-chloroethyl) Ether	9.4	U	9.4	
117-81-7	Bis(2-ethylhexyl) Phthalate	9.4	U	9.4	
85-68-7	Butyl Benzyl Phthalate	9.4	U	9.4	
105-60-2	Caprolactam	9.4	U	9.4	
86-74-8	Carbazole	9.4	U	9.4	
218-01-9	Chrysene	9.4	U	9.4	
84-74-2	Di-n-butyl Phthalate	9.4	U	9.4	
117-84-0	Di-n-octyl Phthalate	9.4	U	9.4	
53-70-3	Dibenz(a,h)anthracene	9.4	U	9.4	
132-64-9	Dibenzofuran	9.4	U	9.4	
84-66-2	Diethyl Phthalate	9.4	U	9.4	
131-11-3	Dimethyl Phthalate	9.4	U	9.4	
206-44-0	Fluoranthene	9.4	U	9.4	
86-73-7	Fluorene	9.4	U	9.4	
118-74-1	Hexachlorobenzene	9.4	U	9.4	
87-68-3	Hexachlorobutadiene	9.4	U	9.4	
77-47-4	Hexachlorocyclopentadiene	9.4	U	9.4	
67-72-1	Hexachloroethane	9.4	U	9.4	
193-39-5	Indeno(1,2,3-cd)pyrene	9.4	U	9.4	
78-59-1	Isophorone	9.4	U	9.4	
621-64-7	N-Nitrosodi-n-propylamine	9.4	U	9.4	
86-30-6	N-Nitrosodiphenylamine	9.4	U	9.4	
91-20-3	Naphthalene	9.4	U	9.4	
98-95-3	Nitrobenzene	9.4	U	9.4	
87-86-5	Pentachlorophenol (PCP)	47	U	47	
85-01-8	Phenanthrene	9.4	U	9.4	
108-95-2	Phenol	9.4	U	9.4	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1133
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Extracted:	8/14/13
		Date Analyzed:	8/16/13 22:29
Sample Name:	MW-A	**Units:**	µg/L
Lab Code:	R1305780-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354367
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081613\CS486.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
129-00-0	Pyrene	9.4	U	9.4	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	71	28-157	8/16/13 22:29	
2-Fluorobiphenyl	66	39-119	8/16/13 22:29	
2-Fluorophenol	34	10-105	8/16/13 22:29	
Nitrobenzene-d5	61	37-117	8/16/13 22:29	
Phenol-d6	23	10-107	8/16/13 22:29	
p-Terphenyl-d14	69	40-133	8/16/13 22:29	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1105
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Analyzed:	8/15/13 17:05
Sample Name:	MW-B	**Units:**	µg/L
Lab Code:	R1305780-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	353911
Data File Name:	I:\ACQUDATA\MSVOA8\DATA\081513\A9237.D\	**Instrument Name:**	R-MS-08
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
123-91-1	1,4-Dioxane	100	U	100	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	10	U	10	
71-43-2	Benzene	5.0	U	5.0	
74-97-5	Bromochloromethane	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1105
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Analyzed:	8/15/13 17:05
Sample Name:	MW-B	**Units:**	µg/L
Lab Code:	R1305780-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	353911
Data File Name:	I:\ACQUDATA\MSVOA8\DATA\081513\A9237.D\	**Instrument Name:**	R-MS-08
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
1330-20-7	Xylenes, Total	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	5.0	U	5.0	
104-51-8	n-Butylbenzene	5.0	U	5.0	
103-65-1	n-Propylbenzene	5.0	U	5.0	
95-47-6	o-Xylene	5.0	U	5.0	
135-98-8	sec-Butylbenzene	5.0	U	5.0	
98-06-6	tert-Butylbenzene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85-122	8/15/13 17:05	
Dibromofluoromethane	100	89-119	8/15/13 17:05	
Toluene-d8	97	87-121	8/15/13 17:05	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1105
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Extracted:	8/14/13
		Date Analyzed:	8/16/13 23:05
Sample Name:	MW-B	**Units:**	µg/L
Lab Code:	R1305780-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354367
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081613\CS487.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
95-94-3	1,2,4,5-Tetrachlorobenzene	9.4	U	9.4	
120-82-1	1,2,4-Trichlorobenzene	9.4	U	9.4	
95-95-4	2,4,5-Trichlorophenol	9.4	U	9.4	
88-06-2	2,4,6-Trichlorophenol	9.4	U	9.4	
120-83-2	2,4-Dichlorophenol	9.4	U	9.4	
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	
51-28-5	2,4-Dinitrophenol	47	U	47	
121-14-2	2,4-Dinitrotoluene	9.4	U	9.4	
606-20-2	2,6-Dinitrotoluene	9.4	U	9.4	
91-58-7	2-Chloronaphthalene	9.4	U	9.4	
95-57-8	2-Chlorophenol	9.4	U	9.4	
91-57-6	2-Methylnaphthalene	9.4	U	9.4	
95-48-7	2-Methylphenol	9.4	U	9.4	
88-74-4	2-Nitroaniline	47	U	47	
88-75-5	2-Nitrophenol	9.4	U	9.4	
91-94-1	3,3'-Dichlorobenzidine	9.4	U	9.4	
	3- and 4-Methylphenol Coelution	9.4	U	9.4	
99-09-2	3-Nitroaniline	47	U	47	
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	
101-55-3	4-Bromophenyl Phenyl Ether	9.4	U	9.4	
59-50-7	4-Chloro-3-methylphenol	9.4	U	9.4	
106-47-8	4-Chloroaniline	9.4	U	9.4	
7005-72-3	4-Chlorophenyl Phenyl Ether	9.4	U	9.4	
100-01-6	4-Nitroaniline	47	U	47	
100-02-7	4-Nitrophenol	47	U	47	
83-32-9	Acenaphthene	9.4	U	9.4	
208-96-8	Acenaphthylene	9.4	U	9.4	
98-86-2	Acetophenone	9.4	U	9.4	
120-12-7	Anthracene	9.4	U	9.4	
1912-24-9	Atrazine	9.4	U	9.4	
56-55-3	Benz(a)anthracene	9.4	U	9.4	
100-52-7	Benzaldehyde	47	U	47	
50-32-8	Benzo(a)pyrene	9.4	U	9.4	

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1105
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Extracted:	8/14/13
		Date Analyzed:	8/16/13 23:05
Sample Name:	MW-B	**Units:**	µg/L
Lab Code:	R1305780-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354367
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081613\CS487.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
205-99-2	Benzo(b)fluoranthene	9.4	U	9.4	
191-24-2	Benzo(g,h,i)perylene	9.4	U	9.4	
207-08-9	Benzo(k)fluoranthene	9.4	U	9.4	
92-52-4	Biphenyl	9.4	U	9.4	
108-60-1	Bis(1-chloroisopropyl) Ether	9.4	U	9.4	
111-91-1	Bis(2-chloroethoxy)methane	9.4	U	9.4	
111-44-4	Bis(2-chloroethyl) Ether	9.4	U	9.4	
117-81-7	Bis(2-ethylhexyl) Phthalate	9.4	U	9.4	
85-68-7	Butyl Benzyl Phthalate	9.4	U	9.4	
105-60-2	Caprolactam	9.4	U	9.4	
86-74-8	Carbazole	9.4	U	9.4	
218-01-9	Chrysene	9.4	U	9.4	
84-74-2	Di-n-butyl Phthalate	9.4	U	9.4	
117-84-0	Di-n-octyl Phthalate	9.4	U	9.4	
53-70-3	Dibenz(a,h)anthracene	9.4	U	9.4	
132-64-9	Dibenzofuran	9.4	U	9.4	
84-66-2	Diethyl Phthalate	9.4	U	9.4	
131-11-3	Dimethyl Phthalate	9.4	U	9.4	
206-44-0	Fluoranthene	9.4	U	9.4	
86-73-7	Fluorene	9.4	U	9.4	
118-74-1	Hexachlorobenzene	9.4	U	9.4	
87-68-3	Hexachlorobutadiene	9.4	U	9.4	
77-47-4	Hexachlorocyclopentadiene	9.4	U	9.4	
67-72-1	Hexachloroethane	9.4	U	9.4	
193-39-5	Indeno(1,2,3-cd)pyrene	9.4	U	9.4	
78-59-1	Isophorone	9.4	U	9.4	
621-64-7	N-Nitrosodi-n-propylamine	9.4	U	9.4	
86-30-6	N-Nitrosodiphenylamine	9.4	U	9.4	
91-20-3	Naphthalene	9.4	U	9.4	
98-95-3	Nitrobenzene	9.4	U	9.4	
87-86-5	Pentachlorophenol (PCP)	47	U	47	
85-01-8	Phenanthrene	9.4	U	9.4	
108-95-2	Phenol	9.4	U	9.4	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1105
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Extracted:	8/14/13
		Date Analyzed:	8/16/13 23:05
Sample Name:	MW-B	**Units:**	µg/L
Lab Code:	R1305780-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354367
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081613\CS487.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
129-00-0	Pyrene	9.4	U	9.4	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	79	28-157	8/16/13 23:05	
2-Fluorobiphenyl	75	39-119	8/16/13 23:05	
2-Fluorophenol	36	10-105	8/16/13 23:05	
Nitrobenzene-d5	68	37-117	8/16/13 23:05	
Phenol-d6	25	10-107	8/16/13 23:05	
p-Terphenyl-d14	73	40-133	8/16/13 23:05	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1340
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Analyzed:	8/15/13 17:32
Sample Name:	MW-2	**Units:**	µg/L
Lab Code:	R1305780-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	353911
Data File Name:	I:\ACQUDATA\MSVOA8\DATA\081513\A9238.D\	**Instrument Name:**	R-MS-08
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
123-91-1	1,4-Dioxane	100	U	100	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	10	U	10	
71-43-2	Benzene	5.0	U	5.0	
74-97-5	Bromochloromethane	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1340
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Analyzed:	8/15/13 17:32
Sample Name:	MW-2	**Units:**	µg/L
Lab Code:	R1305780-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	353911
Data File Name:	I:\ACQUDATA\MSVOA8\DATA\081513\A9238.D\	**Instrument Name:**	R-MS-08
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	**9.0**		5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	**7.6**		5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	**12**		5.0	
1330-20-7	Xylenes, Total	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	**18**		5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	5.0	U	5.0	
104-51-8	n-Butylbenzene	5.0	U	5.0	
103-65-1	n-Propylbenzene	5.0	U	5.0	
95-47-6	o-Xylene	5.0	U	5.0	
135-98-8	sec-Butylbenzene	5.0	U	5.0	
98-06-6	tert-Butylbenzene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85-122	8/15/13 17:32	
Dibromofluoromethane	103	89-119	8/15/13 17:32	
Toluene-d8	98	87-121	8/15/13 17:32	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1340
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Extracted:	8/14/13
		Date Analyzed:	8/19/13 14:21
Sample Name:	MW-2	**Units:**	µg/L
Lab Code:	R1305780-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354542
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081913\CS499.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
95-94-3	1,2,4,5-Tetrachlorobenzene	9.4	U	9.4	
120-82-1	1,2,4-Trichlorobenzene	9.4	U	9.4	
95-95-4	2,4,5-Trichlorophenol	9.4	U	9.4	
88-06-2	2,4,6-Trichlorophenol	9.4	U	9.4	
120-83-2	2,4-Dichlorophenol	9.4	U	9.4	
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	
51-28-5	2,4-Dinitrophenol	47	U	47	
121-14-2	2,4-Dinitrotoluene	9.4	U	9.4	
606-20-2	2,6-Dinitrotoluene	9.4	U	9.4	
91-58-7	2-Chloronaphthalene	9.4	U	9.4	
95-57-8	2-Chlorophenol	9.4	U	9.4	
91-57-6	2-Methylnaphthalene	9.4	U	9.4	
95-48-7	2-Methylphenol	9.4	U	9.4	
88-74-4	2-Nitroaniline	47	U	47	
88-75-5	2-Nitrophenol	9.4	U	9.4	
91-94-1	3,3'-Dichlorobenzidine	9.4	U	9.4	
	3- and 4-Methylphenol Coelution	9.4	U	9.4	
99-09-2	3-Nitroaniline	47	U	47	
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	
101-55-3	4-Bromophenyl Phenyl Ether	9.4	U	9.4	
59-50-7	4-Chloro-3-methylphenol	9.4	U	9.4	
106-47-8	4-Chloroaniline	9.4	U	9.4	
7005-72-3	4-Chlorophenyl Phenyl Ether	9.4	U	9.4	
100-01-6	4-Nitroaniline	47	U	47	
100-02-7	4-Nitrophenol	47	U	47	
83-32-9	Acenaphthene	9.4	U	9.4	
208-96-8	Acenaphthylene	9.4	U	9.4	
98-86-2	Acetophenone	9.4	U	9.4	
120-12-7	Anthracene	9.4	U	9.4	
1912-24-9	Atrazine	9.4	U	9.4	
56-55-3	Benz(a)anthracene	9.4	U	9.4	
100-52-7	Benzaldehyde	47	U	47	
50-32-8	Benzo(a)pyrene	9.4	U	9.4	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1340
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Extracted:	8/14/13
		Date Analyzed:	8/19/13 14:21
Sample Name:	MW-2	**Units:**	µg/L
Lab Code:	R1305780-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354542
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081913\CS499.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
205-99-2	Benzo(b)fluoranthene	9.4	U	9.4	
191-24-2	Benzo(g,h,i)perylene	9.4	U	9.4	
207-08-9	Benzo(k)fluoranthene	9.4	U	9.4	
92-52-4	Biphenyl	9.4	U	9.4	
108-60-1	Bis(1-chloroisopropyl) Ether	9.4	U	9.4	
111-91-1	Bis(2-chloroethoxy)methane	9.4	U	9.4	
111-44-4	Bis(2-chloroethyl) Ether	9.4	U	9.4	
117-81-7	Bis(2-ethylhexyl) Phthalate	9.4	U	9.4	
85-68-7	Butyl Benzyl Phthalate	9.4	U	9.4	
105-60-2	Caprolactam	9.4	U	9.4	
86-74-8	Carbazole	9.4	U	9.4	
218-01-9	Chrysene	9.4	U	9.4	
84-74-2	Di-n-butyl Phthalate	9.4	U	9.4	
117-84-0	Di-n-octyl Phthalate	9.4	U	9.4	
53-70-3	Dibenz(a,h)anthracene	9.4	U	9.4	
132-64-9	Dibenzofuran	9.4	U	9.4	
84-66-2	Diethyl Phthalate	9.4	U	9.4	
131-11-3	Dimethyl Phthalate	9.4	U	9.4	
206-44-0	Fluoranthene	9.4	U	9.4	
86-73-7	Fluorene	9.4	U	9.4	
118-74-1	Hexachlorobenzene	9.4	U	9.4	
87-68-3	Hexachlorobutadiene	9.4	U	9.4	
77-47-4	Hexachlorocyclopentadiene	9.4	U	9.4	
67-72-1	Hexachloroethane	9.4	U	9.4	
193-39-5	Indeno(1,2,3-cd)pyrene	9.4	U	9.4	
78-59-1	Isophorone	9.4	U	9.4	
621-64-7	N-Nitrosodi-n-propylamine	9.4	U	9.4	
86-30-6	N-Nitrosodiphenylamine	9.4	U	9.4	
91-20-3	Naphthalene	9.4	U	9.4	
98-95-3	Nitrobenzene	9.4	U	9.4	
87-86-5	Pentachlorophenol (PCP)	47	U	47	
85-01-8	Phenanthrene	9.4	U	9.4	
108-95-2	Phenol	9.4	U	9.4	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	8/ 8/13 1340
Sample Matrix:	Water	**Date Received:**	8/ 8/13
		Date Extracted:	8/14/13
		Date Analyzed:	8/19/13 14:21
Sample Name:	MW-2	**Units:**	µg/L
Lab Code:	R1305780-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354542
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081913\CS499.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
129-00-0	Pyrene	9.4	U	9.4	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	83	28-157	8/19/13 14:21	
2-Fluorobiphenyl	79	39-119	8/19/13 14:21	
2-Fluorophenol	41	10-105	8/19/13 14:21	
Nitrobenzene-d5	74	37-117	8/19/13 14:21	
Phenol-d6	27	10-107	8/19/13 14:21	
p-Terphenyl-d14	77	40-133	8/19/13 14:21	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	8/15/13 11:09
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1309668-09	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	353911
Data File Name:	I:\ACQUDATA\MSVOA8\DATA\081513\A9224.D\	**Instrument Name:**	R-MS-08
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
123-91-1	1,4-Dioxane	100	U	100	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	10	U	10	
71-43-2	Benzene	5.0	U	5.0	
74-97-5	Bromochloromethane	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	8/15/13 11:09
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1309668-09	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	353911
Data File Name:	I:\ACQUDATA\MSVOA8\DATA\081513\A9224.D\	**Instrument Name:**	R-MS-08
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
1330-20-7	Xylenes, Total	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	5.0	U	5.0	
104-51-8	n-Butylbenzene	5.0	U	5.0	
103-65-1	n-Propylbenzene	5.0	U	5.0	
95-47-6	o-Xylene	5.0	U	5.0	
135-98-8	sec-Butylbenzene	5.0	U	5.0	
98-06-6	tert-Butylbenzene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85-122	8/15/13 11:09	
Dibromofluoromethane	101	89-119	8/15/13 11:09	
Toluene-d8	99	87-121	8/15/13 11:09	

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	8/14/13
		Date Analyzed:	8/16/13 00:38
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1309613-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354167
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081513\CS452.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	
120-82-1	1,2,4-Trichlorobenzene	10	U	10	
95-95-4	2,4,5-Trichlorophenol	10	U	10	
88-06-2	2,4,6-Trichlorophenol	10	U	10	
120-83-2	2,4-Dichlorophenol	10	U	10	
105-67-9	2,4-Dimethylphenol	10	U	10	
51-28-5	2,4-Dinitrophenol	50	U	50	
121-14-2	2,4-Dinitrotoluene	10	U	10	
606-20-2	2,6-Dinitrotoluene	10	U	10	
91-58-7	2-Chloronaphthalene	10	U	10	
95-57-8	2-Chlorophenol	10	U	10	
91-57-6	2-Methylnaphthalene	10	U	10	
95-48-7	2-Methylphenol	10	U	10	
88-74-4	2-Nitroaniline	50	U	50	
88-75-5	2-Nitrophenol	10	U	10	
91-94-1	3,3'-Dichlorobenzidine	10	U	10	
	3- and 4-Methylphenol Coelution	10	U	10	
99-09-2	3-Nitroaniline	50	U	50	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	
101-55-3	4-Bromophenyl Phenyl Ether	10	U	10	
59-50-7	4-Chloro-3-methylphenol	10	U	10	
106-47-8	4-Chloroaniline	10	U	10	
7005-72-3	4-Chlorophenyl Phenyl Ether	10	U	10	
100-01-6	4-Nitroaniline	50	U	50	
100-02-7	4-Nitrophenol	50	U	50	
83-32-9	Acenaphthene	10	U	10	
208-96-8	Acenaphthylene	10	U	10	
98-86-2	Acetophenone	10	U	10	
120-12-7	Anthracene	10	U	10	
1912-24-9	Atrazine	10	U	10	
56-55-3	Benz(a)anthracene	10	U	10	
100-52-7	Benzaldehyde	50	U	50	
50-32-8	Benzo(a)pyrene	10	U	10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	8/14/13
		Date Analyzed:	8/16/13 00:38
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1309613-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354167
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081513\CS452.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
205-99-2	Benzo(b)fluoranthene	10	U	10	
191-24-2	Benzo(g,h,i)perylene	10	U	10	
207-08-9	Benzo(k)fluoranthene	10	U	10	
92-52-4	Biphenyl	10	U	10	
108-60-1	Bis(1-chloroisopropyl) Ether	10	U	10	
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	
111-44-4	Bis(2-chloroethyl) Ether	10	U	10	
117-81-7	Bis(2-ethylhexyl) Phthalate	10	U	10	
85-68-7	Butyl Benzyl Phthalate	10	U	10	
105-60-2	Caprolactam	10	U	10	
86-74-8	Carbazole	10	U	10	
218-01-9	Chrysene	10	U	10	
84-74-2	Di-n-butyl Phthalate	10	U	10	
117-84-0	Di-n-octyl Phthalate	10	U	10	
53-70-3	Dibenz(a,h)anthracene	10	U	10	
132-64-9	Dibenzofuran	10	U	10	
84-66-2	Diethyl Phthalate	10	U	10	
131-11-3	Dimethyl Phthalate	10	U	10	
206-44-0	Fluoranthene	10	U	10	
86-73-7	Fluorene	10	U	10	
118-74-1	Hexachlorobenzene	10	U	10	
87-68-3	Hexachlorobutadiene	10	U	10	
77-47-4	Hexachlorocyclopentadiene	10	U	10	
67-72-1	Hexachloroethane	10	U	10	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	10	
78-59-1	Isophorone	10	U	10	
621-64-7	N-Nitrosodi-n-propylamine	10	U	10	
86-30-6	N-Nitrosodiphenylamine	10	U	10	
91-20-3	Naphthalene	10	U	10	
98-95-3	Nitrobenzene	10	U	10	
87-86-5	Pentachlorophenol (PCP)	50	U	50	
85-01-8	Phenanthrene	10	U	10	
108-95-2	Phenol	10	U	10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305780
Project:	Aramark Solvax 909.001.004	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	8/14/13
		Date Analyzed:	8/16/13 00:38
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1309613-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	354167
Prep Method:	EPA 3510C	**Extraction Lot:**	189491
Data File Name:	I:\ACQUDATA\5973A\DATA\081513\CS452.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
129-00-0	Pyrene	10	U	10	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	73	28-157	8/16/13 00:38	
2-Fluorobiphenyl	69	39-119	8/16/13 00:38	
2-Fluorophenol	40	10-105	8/16/13 00:38	
Nitrobenzene-d5	67	37-117	8/16/13 00:38	
Phenol-d6	27	10-107	8/16/13 00:38	
p-Terphenyl-d14	94	40-133	8/16/13 00:38	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: Aramark Solvax 909.001.004
Sample Matrix: Water

Service Request: R1305780
Date Analyzed: 8/15/13

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L
Basis: NA

Analysis Lot: 353911

Analyte Name	Lab Control Sample RQ1309668-10 Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	16.8	20.0	84	67 - 121
1,1,2,2-Tetrachloroethane	17.8	20.0	89	72 - 124
1,1,2-Trichloroethane	18.2	20.0	91	81 - 117
1,1,2-Trichloro-1,2,2-trifluoroethane	17.8	20.0	89	60 - 122
1,1-Dichloroethane (1,1-DCA)	20.0	20.0	100	76 - 124
1,1-Dichloroethene (1,1-DCE)	22.2	20.0	111	67 - 119
1,2,3-Trichlorobenzene	17.3	20.0	87	71 - 131
1,2,4-Trichlorobenzene	17.4	20.0	87	70 - 128
1,2,4-Trimethylbenzene	17.5	20.0	88	72 - 127
1,2-Dibromo-3-chloropropane (DBCP)	17.6	20.0	88	64 - 131
1,2-Dibromoethane	18.6	20.0	93	81 - 118
1,2-Dichlorobenzene	17.0	20.0	85	80 - 119
1,2-Dichloroethane	18.7	20.0	94	72 - 130
1,2-Dichloropropane	18.7	20.0	94	83 - 119
1,3,5-Trimethylbenzene	17.4	20.0	87	71 - 128
1,3-Dichlorobenzene	17.0	20.0	85	79 - 121
1,4-Dichlorobenzene	17.5	20.0	87	79 - 119
1,4-Dioxane	389	400	97	51 - 180
2-Butanone (MEK)	17.1	20.0	86	60 - 133
2-Hexanone	19.2	20.0	96	61 - 131
4-Methyl-2-pentanone	19.8	20.0	99	61 - 132
Acetone	17.5	20.0	87	64 - 133
Benzene	17.9	20.0	90	78 - 118
Bromochloromethane	20.2	20.0	101	83 - 120
Bromodichloromethane	18.3	20.0	92	79 - 123
Bromoform	15.8	20.0	79	69 - 126
Bromomethane	17.8	20.0	89	49 - 124
Carbon Disulfide	21.3	20.0	107	67 - 138
Carbon Tetrachloride	15.7	20.0	79	64 - 129
Chlorobenzene	17.5	20.0	87	80 - 121
Chloroethane	19.3	20.0	96	72 - 130
Chloroform	19.0	20.0	95	75 - 123
Chloromethane	19.8	20.0	99	55 - 139

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: Aramark Solvax 909.001.004
Sample Matrix: Water

Service Request: R1305780
Date Analyzed: 8/15/13

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L
Basis: NA

Analysis Lot: 353911

Lab Control Sample
RQ1309668-10

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Cyclohexane	20.2	20.0	101	55 - 132
Dibromochloromethane	17.2	20.0	86	78 - 127
Dichlorodifluoromethane (CFC 12)	20.7	20.0	104	45 - 147
Dichloromethane	20.2	20.0	101	73 - 122
Ethylbenzene	16.8	20.0	84	75 - 123
Isopropylbenzene (Cumene)	17.2	20.0	86	75 - 139
Methyl Acetate	21.6	20.0	108	65 - 131
Methyl tert-Butyl Ether	20.3	20.0	101	75 - 116
Methylcyclohexane	19.3	20.0	97	59 - 127
Styrene	17.2	20.0	86	80 - 121
Tetrachloroethene (PCE)	15.1	20.0	76	71 - 127
Toluene	17.4	20.0	87	77 - 120
Trichloroethene (TCE)	17.6	20.0	88	75 - 122
Trichlorofluoromethane (CFC 11)	17.7	20.0	89	64 - 134
Vinyl Chloride	19.9	20.0	100	68 - 139
Xylenes, Total	50.2	60.0	84	77 - 122
cis-1,2-Dichloroethene	19.9	20.0	100	77 - 123
cis-1,3-Dichloropropene	17.3	20.0	87	77 - 125
m,p-Xylenes	33.5	40.0	84	77 - 124
n-Butylbenzene	17.5	20.0	88	65 - 135
n-Propylbenzene	17.2	20.0	86	69 - 132
o-Xylene	16.8	20.0	84	77 - 131
sec-Butylbenzene	17.1	20.0	86	67 - 131
tert-Butylbenzene	16.3	20.0	82	70 - 126
trans-1,2-Dichloroethene	19.5	20.0	98	72 - 120
trans-1,3-Dichloropropene	16.7	20.0	83	69 - 127

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: Aramark Solvax 909.001.004
Sample Matrix: Water

Service Request: R1305780
Date Analyzed: 8/16/13

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 189491

Analyte Name	Lab Control Sample RQ1309613-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1309613-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	51.2	100	51	63.8	100	64	31 - 100	23	30
1,2,4-Trichlorobenzene	55.0	100	55	58.1	100	58	10 - 127	5	30
2,4,5-Trichlorophenol	84.1	100	84	86.0	100	86	62 - 117	2	30
2,4,6-Trichlorophenol	84.8	100	85	84.9	100	85	62 - 115	<1	30
2,4-Dichlorophenol	81.7	100	82	82.3	100	82	62 - 109	<1	30
2,4-Dimethylphenol	81.3	100	81	81.0	100	81	28 - 100	<1	30
2,4-Dinitrophenol	76.8	100	77	80.3	100	80	40 - 156	4	30
2,4-Dinitrotoluene	90.9	100	91	93.6	100	94	69 - 122	3	30
2,6-Dinitrotoluene	87.5	100	87	90.3	100	90	48 - 125	3	30
2-Chloronaphthalene	70.5	100	70	73.9	100	74	47 - 98	6	30
2-Chlorophenol	73.7	100	74	75.4	100	75	42 - 112	1	30
2-Methylnaphthalene	64.1	100	64	66.8	100	67	34 - 102	5	30
2-Methylphenol	70.2	100	70	73.2	100	73	51 - 95	4	30
2-Nitroaniline	86.3	100	86	87.8	100	88	60 - 119	2	30
2-Nitrophenol	79.8	100	80	82.1	100	82	60 - 113	2	30
3,3'-Dichlorobenzidine	66.8	100	67	68.5	100	68	44 - 114	1	30
3- and 4-Methylphenol Coelution	132	200	66	134	200	67	49 - 89	2	30
3-Nitroaniline	78.5	100	79	81.3	100	81	49 - 110	2	30
4,6-Dinitro-2-methylphenol	84.6	100	85	87.6	100	88	65 - 141	3	30
4-Bromophenyl Phenyl Ether	84.3	100	84	85.6	100	86	63 - 124	2	30
4-Chloro-3-methylphenol	84.3	100	84	85.4	100	85	42 - 124	1	30
4-Chloroaniline	75.3	100	75	76.5	100	76	40 - 111	1	30
4-Chlorophenyl Phenyl Ether	81.5	100	82	82.8	100	83	59 - 112	1	30
4-Nitroaniline	82.9	100	83	87.4	100	87	61 - 122	5	30
4-Nitrophenol	38.8	100	39	40.6	100	41	10 - 126	5	30
Acenaphthene	79.6	100	80	81.6	100	82	54 - 125	2	30
Acenaphthylene	80.6	100	81	81.9	100	82	69 - 111	1	30
Acetophenone	68.4	100	68	77.2	100	77	42 - 126	12	30
Anthracene	85.7	100	86	85.6	100	86	55 - 116	<1	30
Atrazine	89.8	100	90	101	100	101	10 - 160	12	30
Benz(a)anthracene	85.2	100	85	85.7	100	86	66 - 110	1	30
Benzaldehyde	113	100	113	134	100	134	46 - 200	17	30
Benzo(a)pyrene	88.0	100	88	90.2	100	90	44 - 114	2	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: Aramark Solvax 909.001.004
Sample Matrix: Water

Service Request: R1305780
Date Analyzed: 8/16/13

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 189491

Analyte Name	Lab Control Sample RQ1309613-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1309613-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Benzo(b)fluoranthene	95.1	100	95	100	100	100	64 - 122	5	30
Benzo(g,h,i)perylene	92.6	100	93	93.6	100	94	60 - 127	1	30
Benzo(k)fluoranthene	92.7	100	93	93.1	100	93	49 - 133	<1	30
Biphenyl	57.1	100	57	68.3	100	68	30 - 126	18	30
Bis(1-chloroisopropyl) Ether	83.5	100	83	86.7	100	87	44 - 112	5	30
Bis(2-chloroethoxy)methane	83.9	100	84	83.2	100	83	53 - 142	1	30
Bis(2-chloroethyl) Ether	77.3	100	77	78.8	100	79	56 - 106	3	30
Bis(2-ethylhexyl) Phthalate	91.9	100	92	92.4	100	92	62 - 124	<1	30
Butyl Benzyl Phthalate	89.5	100	90	89.7	100	90	41 - 148	<1	30
Caprolactam	24.3	100	24	27.9	100	28	10 - 41	15	30
Carbazole	86.9	100	87	87.0	100	87	66 - 117	<1	30
Chrysene	86.9	100	87	87.3	100	87	57 - 118	<1	30
Di-n-butyl Phthalate	88.8	100	89	89.4	100	89	57 - 139	<1	30
Di-n-octyl Phthalate	97.5	100	97	100	100	100	77 - 120	3	30
Dibenz(a,h)anthracene	95.5	100	96	97.1	100	97	58 - 132	1	30
Dibenzofuran	78.4	100	78	79.9	100	80	58 - 105	3	30
Diethyl Phthalate	84.9	100	85	86.3	100	86	65 - 122	1	30
Dimethyl Phthalate	86.7	100	87	87.7	100	88	69 - 115	1	30
Fluoranthene	86.4	100	86	89.9	100	90	62 - 123	5	30
Fluorene	81.8	100	82	83.6	100	84	60 - 112	2	30
Hexachlorobenzene	83.9	100	84	85.2	100	85	76 - 119	1	30
Hexachlorobutadiene	50.1	100	50	52.5	100	52	16 - 95	4	30
Hexachlorocyclopentadiene	67.6	100	68	70.7	100	71	10 - 99	4	30
Hexachloroethane	49.0	100	49	50.8	100	51	15 - 92	4	30
Indeno(1,2,3-cd)pyrene	90.7	100	91	91.6	100	92	64 - 126	1	30
Isophorone	82.8	100	83	82.7	100	83	61 - 128	<1	30
N-Nitrosodi-n-propylamine	80.9	100	81	82.8	100	83	51 - 119	2	30
N-Nitrosodiphenylamine	89.0	100	89	89.5	100	89	45 - 123	<1	30
Naphthalene	64.5	100	65	67.0	100	67	36 - 95	3	30
Nitrobenzene	76.9	100	77	79.0	100	79	51 - 113	3	30
Pentachlorophenol (PCP)	79.0	100	79	85.0	100	85	56 - 146	7	30
Phenanthrene	88.3	100	88	87.7	100	88	58 - 118	<1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: Aramark Solvax 909.001.004
Sample Matrix: Water

Service Request: R1305780
Date Analyzed: 8/16/13

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 189491

Analyte Name	Lab Control Sample RQ1309613-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1309613-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Phenol	37.0	100	37	37.6	100	38	10 - 113	3	30
Pyrene	87.9	100	88	86.8	100	87	67 - 118	1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM 09913

ALS Environmental

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 1

Project Name: Aramark – Solvay	Project Number: 909.001.004
Project Manager: Dave Hanny	Report CC:
Company/Address: 11 Centre Park Suite 203, Rochester, NY 14614	
Phone #: (585) 325-7110	Email: dhanny@bartonandloguidice.com
Sampler's Signature:	Sampler's Printed Name: Brian J. McGrath

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 1 | 8

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
MW-A	-001	9/9/13	11:33	Solution	5	X	X						
MW-B	-002	9/9/13	11:05	water	5	X	X						
MW-2	-003	9/9/13	13:40	water	5	X	X						See Top of 5 VOC Bottle

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other Ice

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day
5 d
REQUESTED REPORT DATE

REPORT REQUIREMENTS
X I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
Edata ___Yes

INVOICE INFORMATION
PO #
BILL TO: B+L

STATE WHERE SAMPLES WERE COLLECTED NY

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	
Signature: Brian J. McGrath	Signature: Daniel Ward	Signature	Signature	Signature	
Printed Name: B+L	Printed Name: ALS	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 9/9/13 1730	Firm: 9/10/13 1730	Firm	Firm	Firm	Firm
Date/Time	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

R1305780 5
Barton & Loguidice, PC
Aramark Solvax 909.001.004

Distribution: White - Lab Copy; Yellow - Return to Originator

Attachment C

Sub-Slab Vapor Data Summary Tables

Table 2
ARAMARK Uniform Services
Voluntary Cleanup Project
Solvay, NY

Post Construction Vapor Sampling Summary

Compounds	Sub-Slab Vapor Summary Table (mcg/m3)			
	Trichloroethene (mcg/m3)	Carbon Tetrachloride (mcg/m3)	Tetrachloroethene (mcg/m3)	1,1,1-Trichloroethane (mcg/m3)
NYSDOH Sub-Slab Threshold Requiring Monitoring (mcg/m3)	5	5	100	100
VP-A				
03-Aug-11	**19**	ND	**360**	8.3
22-Dec-11	**6.7**	1.7	**130**	1.6
04-Oct-12	**6.2**	ND	**140**	0.9
08-Aug-13	**12**	3.1	**220**	1.7
VP-B				
03-Aug-11	**78**	ND	**2900**	10
22-Dec-11	**12**	1.9	**530**	2.5
04-Oct-12	3.6	ND	**190**	ND
08-Aug-13	**54**	0.62	**65**	0.11

Notes:

= Exceeds NYSDOH Minimum Sub-Slab Concentration Requiring Monitoring

ND = Not Detected at laboratory minimum detection limit

Attachment D

2013 Sub-Slab Vapor Laboratory Report

August 26, 2013 Service Request No: R1305781

Mr. Dave Hanny
Barton & Loguidice, PC
11 Centre Park
Suite 203
Rochester, NY 14614

Laboratory Results for: Aramark 909.001.004

Dear Mr. Hanny:

Enclosed are the results of the sample(s) submitted to our laboratory on August 8, 2013. For your reference, these analyses have been assigned our service request number **R1305781**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. You may also contact me via email at Deb.Patton@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Deb Patton
Project Manager

ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623 PHONE 585-288-5380 | FAX 585-288-8475
ALS GROUP USA, CORP. Part of the ALS Group An ALS Limited Company

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1305781

Lab ID	Client ID
R1305781-001	VP-A (WESTERN)
R1305781-002	VP-B (EASTERN)

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report.

All samples were preserved in accordance with approved analytical methods.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered with the following exception. The Method Blank contained several low level hits that were flagged with a "J". No data was affected.

All sampling activities performed by ALS personnel have been in accordance with "ALS Field Procedures and Measurements Manual" or by client specifications.

ALS Environmental

REPORT QUALIFIERS AND DEFINITIONS

U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.

J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).

B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.

E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.

E Organics- Concentration has exceeded the calibration range for that specific analysis.

D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.

* Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.

H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.

Spike was diluted out.

\+ Correlation coefficient for MSA is <0.995.

N Inorganics- Matrix spike recovery was outside laboratory limits.

N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.

S Concentration has been determined using Method of Standard Additions (MSA).

W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.

P Concentration >40% (25% for CLP) difference between the two GC columns.

C Confirmed by GC/MS

Q DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).

X See Case Narrative for discussion.

MRL Method Reporting Limit. Also known as:
LOQ Limit of Quantitation (LOQ)
The lowest concentration at which the method analyte may be reliably quantified under the method conditions.

MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).

LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.

ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

ACCREDITED IN ACCORDANCE WITH nelac

Rochester Lab ID # for State Certifications[1]

NELAP Accredited	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Connecticut ID # PH0556	Nebraska Accredited	
Delaware Accredited	Nevada ID # NY-00032	North Carolina #676
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047		Virginia #460167

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the laboratory case narrative provided. For a specific list of accredited analytes, refer to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305781
Project:	Aramark 909.001.004	**Date Collected:**	8/ 8/13
Sample Matrix:	Air	**Date Received:**	8/ 8/13
Sample Name:	VP-A (WESTERN)		
Lab Code:	R1305781-001		

Analytical Method: TO-15

Date Analyzed: 8/14/13 1709
Canister Dilution Factor: 1.56

Initial Pressure (psig): -2.85 Final Pressure (psig): 3.81

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
75-71-8	**Dichlorodifluoromethane (CFC 12)**	35	**1300**	49	0.72	**270**	9.8	0.15	
74-87-3	Chloromethane	35	20	20	0.72	9.7	9.7	0.35	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	35	69	69	0.67	9.8	9.8	0.096	U
75-01-4	Vinyl Chloride	35	2.7	2.7	0.54	1.0	1.0	0.21	U
106-99-0	1,3-Butadiene	35	22	22	0.72	9.9	9.9	0.33	U
74-83-9	Bromomethane	35	19	19	0.67	4.9	4.9	0.18	U
75-00-3	Chloroethane	35	26	26	0.33	9.8	9.8	0.13	U
67-64-1	**Acetone**	35	**20**	220	2.7	**8.4**	94	1.2	J
75-69-4	**Trichlorofluoromethane (CFC 11)**	35	**1.6**	28	0.72	**0.29**	4.9	0.13	J
67-63-0	Isopropanol	35	130	130	8.9	54	54	3.7	U
75-35-4	1,1-Dichloroethene	35	20	20	0.32	4.9	4.9	0.079	U
75-09-2	Methylene Chloride	35	17	17	0.90	4.9	4.9	0.26	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	35	7.6	7.6	0.81	0.99	0.99	0.11	U
75-15-0	Carbon Disulfide	35	15	15	3.0	4.9	4.9	0.95	U
156-60-5	trans-1,2-Dichloroethene	35	20	20	0.23	4.9	4.9	0.057	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	35	20	20	0.45	5.0	5.0	0.12	U
1634-04-4	Methyl tert-Butyl Ether	35	35	35	0.54	9.8	9.8	0.15	U
108-05-4	Vinyl Acetate	35	220	220	0.45	63	63	0.13	U
78-93-3	**2-Butanone (MEK)**	35	**1.5**	29	0.94	**0.50**	9.8	0.32	J
156-59-2	cis-1,2-Dichloroethene	35	20	20	0.72	4.9	4.9	0.18	U
110-54-3	Hexane	35	35	35	0.27	9.9	9.9	0.076	U
67-66-3	**Chloroform**	35	**0.70**	24	0.41	**0.14**	4.9	0.083	J
109-99-9	Tetrahydrofuran (THF)	35	29	29	1.3	9.8	9.8	0.43	U
107-06-2	1,2-Dichloroethane	35	20	20	0.76	5.0	5.0	0.19	U
71-55-6	**1,1,1-Trichloroethane (TCA)**	35	**1.7**	27	0.76	**0.30**	4.9	0.14	J
71-43-2	Benzene	35	16	16	0.27	4.9	4.9	0.084	U
56-23-5	Carbon Tetrachloride	35	3.1	3.1	0.58	0.50	0.50	0.093	U
110-82-7	Cyclohexane	35	34	34	0.50	9.8	9.8	0.15	U
78-87-5	1,2-Dichloropropane	35	23	23	0.50	4.9	4.9	0.11	U
75-27-4	Bromodichloromethane	35	6.7	6.7	0.94	1.0	1.0	0.14	U
79-01-6	**Trichloroethene (TCE)**	35	**12**	2.7	0.99	**2.2**	0.50	0.19	
123-91-1	1,4-Dioxane	35	220	220	7.8	62	62	2.2	U
142-82-5	n-Heptane	35	40	40	0.45	9.8	9.8	0.11	U
10061-01-5	cis-1,3-Dichloropropene	35	45	45	0.63	9.8	9.8	0.14	U
108-10-1	4-Methyl-2-pentanone	35	40	40	0.41	9.8	9.8	0.098	U
10061-02-6	trans-1,3-Dichloropropene	35	22	22	0.50	4.9	4.9	0.11	U
79-00-5	1,1,2-Trichloroethane	35	27	27	0.85	4.9	4.9	0.16	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305781
Project:	Aramark 909.001.004	**Date Collected:**	8/ 8/13
Sample Matrix:	Air	**Date Received:**	8/ 8/13
Sample Name:	VP-A (WESTERN)		
Lab Code:	R1305781-001		

Analytical Method: TO-15

Date Analyzed: 8/14/13 1709
Canister Dilution Factor: 1.56

Initial Pressure (psig): -2.85 Final Pressure (psig): 3.81

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
108-88-3	**Toluene**	35	**0.91**	18	0.41	**0.24**	4.9	0.11	J
591-78-6	2-Hexanone	35	20	20	0.45	4.9	4.9	0.11	U
124-48-1	Dibromochloromethane	35	8.5	8.5	1.2	0.99	0.99	0.14	U
106-93-4	1,2-Dibromoethane	35	7.6	7.6	0.45	0.99	0.99	0.059	U
127-18-4	**Tetrachloroethene (PCE)**	35	**220**	3.6	1.2	**32**	0.53	0.18	
108-90-7	Chlorobenzene	35	23	23	0.50	4.9	4.9	0.11	U
100-41-4	Ethylbenzene	35	42	42	0.45	9.8	9.8	0.11	U
179601-23-1	m,p-Xylenes	35	85	85	0.54	20	20	0.13	U
75-25-2	Bromoform	35	51	51	1.5	4.9	4.9	0.14	U
100-42-5	Styrene	35	42	42	0.36	9.8	9.8	0.084	U
95-47-6	**o-Xylene**	35	**0.72**	42	0.50	**0.17**	9.8	0.12	J
79-34-5	1,1,2,2-Tetrachloroethane	35	6.7	6.7	0.45	0.97	0.97	0.065	U
622-96-8	**4-Ethyltoluene**	35	**5.2**	48	0.18	**1.1**	9.8	0.037	J
108-67-8	**1,3,5-Trimethylbenzene**	35	**20**	48	0.41	**4.0**	9.8	0.082	J
95-63-6	**1,2,4-Trimethylbenzene**	35	**20**	48	0.45	**4.1**	9.8	0.091	J
100-44-7	Benzyl Chloride	35	130	130	0.42	25	25	0.080	U
541-73-1	1,3-Dichlorobenzene	35	59	59	0.81	9.8	9.8	0.14	U
106-46-7	1,4-Dichlorobenzene	35	59	59	0.41	9.8	9.8	0.067	U
95-50-1	1,2-Dichlorobenzene	35	59	59	0.58	9.8	9.8	0.097	U
120-82-1	1,2,4-Trichlorobenzene	35	71	71	1.7	9.6	9.6	0.23	U
87-68-3	Hexachlorobutadiene	35	100	100	1.3	9.8	9.8	0.12	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	121	70-130	8/14/13 1709	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Barton & Loguidice, PC
Project: Aramark 909.001.004
Sample Matrix: Air

Service Request: R1305781
Date Collected: 8/ 8/13
Date Received: 8/ 8/13

Sample Name: VP-B (EASTERN)
Lab Code: R1305781-002

Analytical Method: TO-15

Date Analyzed: 8/14/13 1840
Canister Dilution Factor: 1.61

Initial Pressure (psig): -3.24 Final Pressure (psig): 3.75

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
75-71-8	**Dichlorodifluoromethane (CFC 12)**	550	**2.7**	3.2	0.047	**0.54**	0.65	0.0095	J
74-87-3	**Chloromethane**	550	**0.57**	1.3	0.047	**0.27**	0.64	0.023	J
76-14-2	**1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)**	550	**0.13**	4.5	0.044	**0.019**	0.65	0.0063	J
75-01-4	Vinyl Chloride	550	0.18	0.18	0.036	0.069	0.069	0.014	U
106-99-0	1,3-Butadiene	550	1.4	1.4	0.047	0.65	0.65	0.022	U
74-83-9	Bromomethane	550	1.3	1.3	0.044	0.32	0.32	0.012	U
75-00-3	Chloroethane	550	1.7	1.7	0.022	0.64	0.64	0.0083	U
67-64-1	**Acetone**	550	**3.0**	15	0.18	**1.2**	6.2	0.073	J
75-69-4	**Trichlorofluoromethane (CFC 11)**	550	**1.9**	1.8	0.047	**0.33**	0.32	0.0084	
67-63-0	Isopropanol	550	8.8	8.8	0.59	3.6	3.6	0.24	U
75-35-4	**1,1-Dichloroethene**	550	**0.23**	1.3	0.021	**0.059**	0.32	0.0052	J
75-09-2	**Methylene Chloride**	550	**1.3**	1.1	0.059	**0.38**	0.32	0.017	
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane**	550	**0.70**	0.50	0.053	**0.092**	0.065	0.0069	
75-15-0	**Carbon Disulfide**	550	**1.6**	1.0	0.20	**0.53**	0.32	0.063	
156-60-5	trans-1,2-Dichloroethene	550	1.3	1.3	0.015	0.32	0.32	0.0037	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	550	1.3	1.3	0.030	0.33	0.33	0.0073	U
1634-04-4	Methyl tert-Butyl Ether	550	2.3	2.3	0.036	0.64	0.64	0.0098	U
108-05-4	Vinyl Acetate	550	15	15	0.030	4.2	4.2	0.0084	U
78-93-3	**2-Butanone (MEK)**	550	**0.23**	1.9	0.062	**0.078**	0.65	0.021	J
156-59-2	cis-1,2-Dichloroethene	550	1.3	1.3	0.047	0.32	0.32	0.012	U
110-54-3	Hexane	550	2.3	2.3	0.018	0.65	0.65	0.0050	U
67-66-3	**Chloroform**	550	**61**	1.6	0.027	**13**	0.32	0.0054	
109-99-9	Tetrahydrofuran (THF)	550	1.9	1.9	0.082	0.65	0.65	0.028	U
107-06-2	1,2-Dichloroethane	550	1.3	1.3	0.050	0.33	0.33	0.013	U
71-55-6	**1,1,1-Trichloroethane (TCA)**	550	**0.11**	1.8	0.050	**0.020**	0.32	0.0092	J
71-43-2	**Benzene**	550	**0.35**	1.0	0.018	**0.11**	0.32	0.0056	J
56-23-5	**Carbon Tetrachloride**	550	**0.62**	0.20	0.039	**0.099**	0.033	0.0061	
110-82-7	Cyclohexane	550	2.2	2.2	0.033	0.65	0.65	0.0094	U
78-87-5	**1,2-Dichloropropane**	550	**0.14**	1.5	0.033	**0.030**	0.32	0.0070	J
75-27-4	**Bromodichloromethane**	550	**0.90**	0.44	0.062	**0.13**	0.066	0.0092	
79-01-6	**Trichloroethene (TCE)**	550	**54**	0.18	0.065	**10**	0.033	0.012	
123-91-1	1,4-Dioxane	550	15	15	0.51	4.1	4.1	0.15	U
142-82-5	**n-Heptane**	550	**0.088**	2.6	0.030	**0.022**	0.64	0.0072	J
10061-01-5	cis-1,3-Dichloropropene	550	2.9	2.9	0.041	0.65	0.65	0.0091	U
108-10-1	**4-Methyl-2-pentanone**	550	**0.35**	2.6	0.027	**0.085**	0.64	0.0065	J
10061-02-6	trans-1,3-Dichloropropene	550	1.5	1.5	0.033	0.32	0.32	0.0071	U

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305781
Project:	Aramark 909.001.004	**Date Collected:**	8/ 8/13
Sample Matrix:	Air	**Date Received:**	8/ 8/13
Sample Name:	VP-B (EASTERN)		
Lab Code:	R1305781-002		

Analytical Method: TO-15 **Date Analyzed:** 8/14/13 1840

Canister Dilution Factor: 1.61

Initial Pressure (psig): -3.24 Final Pressure (psig): 3.75

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
79-00-5	1,1,2-Trichloroethane	550	1.8	1.8	0.056	0.32	0.32	0.011	U
108-88-3	**Toluene**	550	**1.3**	1.2	0.027	**0.35**	0.32	0.0070	
591-78-6	**2-Hexanone**	550	**0.087**	1.3	0.030	**0.021**	0.32	0.0072	J
124-48-1	**Dibromochloromethane**	550	**0.26**	0.56	0.077	**0.031**	0.065	0.0090	J
106-93-4	1,2-Dibromoethane	550	0.50	0.50	0.030	0.065	0.065	0.0039	U
127-18-4	**Tetrachloroethene (PCE)**	550	**65**	0.23	0.077	**9.6**	0.035	0.012	
108-90-7	Chlorobenzene	550	1.5	1.5	0.033	0.32	0.32	0.0070	U
100-41-4	**Ethylbenzene**	550	**1.1**	2.8	0.030	**0.25**	0.64	0.0068	J
179601-23-1	**m,p-Xylenes**	550	**5.4**	5.6	0.036	**1.3**	1.3	0.0081	J
75-25-2	Bromoform	550	3.3	3.3	0.094	0.32	0.32	0.0091	U
100-42-5	Styrene	550	2.8	2.8	0.024	0.65	0.65	0.0056	U
95-47-6	**o-Xylene**	550	**7.3**	2.8	0.033	**1.7**	0.64	0.0075	
79-34-5	1,1,2,2-Tetrachloroethane	550	0.44	0.44	0.030	0.064	0.064	0.0043	U
622-96-8	**4-Ethyltoluene**	550	**6.8**	3.2	0.012	**1.4**	0.64	0.0024	
108-67-8	**1,3,5-Trimethylbenzene**	550	**9.0**	3.2	0.027	**1.8**	0.64	0.0054	
95-63-6	**1,2,4-Trimethylbenzene**	550	**29**	3.2	0.030	**5.8**	0.64	0.0060	
100-44-7	Benzyl Chloride	550	8.3	8.3	0.027	1.6	1.6	0.0053	U
541-73-1	1,3-Dichlorobenzene	550	3.9	3.9	0.053	0.64	0.64	0.0088	U
106-46-7	**1,4-Dichlorobenzene**	550	**0.25**	3.9	0.027	**0.041**	0.64	0.0044	J
95-50-1	1,2-Dichlorobenzene	550	3.9	3.9	0.039	0.64	0.64	0.0064	U
120-82-1	1,2,4-Trichlorobenzene	550	4.7	4.7	0.11	0.63	0.63	0.015	U
87-68-3	Hexachlorobutadiene	550	6.9	6.9	0.085	0.64	0.64	0.0079	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	119	70-130	8/14/13 1840	

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Analytical Report

Client: Barton & Loguidice, PC
Project: Aramark 909.001.004
Sample Matrix: Air

Service Request: R1305781
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ1309868-01

Analytical Method: TO-15

Date Analyzed: 8/14/13 1057

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	1000	1.1	1.1	0.016	0.22	0.22	0.0033	U
74-87-3	Chloromethane	1000	0.45	0.45	0.016	0.22	0.22	0.0078	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	1000	1.5	1.5	0.016	0.22	0.22	0.0022	U
75-01-4	Vinyl Chloride	1000	0.060	0.060	0.012	0.023	0.023	0.0047	U
106-99-0	1,3-Butadiene	1000	0.49	0.49	0.016	0.22	0.22	0.0073	U
74-83-9	Bromomethane	1000	0.43	0.43	0.016	0.11	0.11	0.0039	U
75-00-3	Chloroethane	1000	0.58	0.58	0.0074	0.22	0.22	0.0029	U
67-64-1	**Acetone**	1000	**0.14**	5.0	0.060	**0.059**	2.1	0.025	J
75-69-4	Trichlorofluoromethane (CFC 11)	1000	0.62	0.62	0.016	0.11	0.11	0.0029	U
67-63-0	Isopropanol	1000	3.0	3.0	0.20	1.2	1.2	0.082	U
75-35-4	1,1-Dichloroethene	1000	0.44	0.44	0.0070	0.11	0.11	0.0018	U
75-09-2	Methylene Chloride	1000	0.38	0.38	0.020	0.11	0.11	0.0058	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1000	0.17	0.17	0.019	0.022	0.022	0.0024	U
75-15-0	Carbon Disulfide	1000	0.34	0.34	0.066	0.11	0.11	0.022	U
156-60-5	trans-1,2-Dichloroethene	1000	0.44	0.44	0.0050	0.11	0.11	0.0013	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	1000	0.45	0.45	0.010	0.11	0.11	0.0025	U
1634-04-4	Methyl tert-Butyl Ether	1000	0.79	0.79	0.012	0.22	0.22	0.0034	U
108-05-4	Vinyl Acetate	1000	5.0	5.0	0.010	1.4	1.4	0.0029	U
78-93-3	2-Butanone (MEK)	1000	0.65	0.65	0.021	0.22	0.22	0.0072	U
156-59-2	cis-1,2-Dichloroethene	1000	0.44	0.44	0.016	0.11	0.11	0.0041	U
110-54-3	Hexane	1000	0.78	0.78	0.0060	0.22	0.22	0.0018	U
67-66-3	Chloroform	1000	0.54	0.54	0.0091	0.11	0.11	0.0019	U
109-99-9	Tetrahydrofuran (THF)	1000	0.65	0.65	0.028	0.22	0.22	0.0095	U
107-06-2	1,2-Dichloroethane	1000	0.45	0.45	0.017	0.11	0.11	0.0043	U
71-55-6	1,1,1-Trichloroethane (TCA)	1000	0.60	0.60	0.017	0.11	0.11	0.0032	U
71-43-2	Benzene	1000	0.35	0.35	0.0060	0.11	0.11	0.0019	U
56-23-5	Carbon Tetrachloride	1000	0.070	0.070	0.014	0.011	0.011	0.0021	U
110-82-7	Cyclohexane	1000	0.76	0.76	0.012	0.22	0.22	0.0032	U
78-87-5	1,2-Dichloropropane	1000	0.51	0.51	0.012	0.11	0.11	0.0024	U
75-27-4	Bromodichloromethane	1000	0.15	0.15	0.021	0.022	0.022	0.0032	U
79-01-6	Trichloroethene (TCE)	1000	0.060	0.060	0.023	0.011	0.011	0.0041	U
123-91-1	1,4-Dioxane	1000	5.0	5.0	0.18	1.4	1.4	0.049	U
142-82-5	n-Heptane	1000	0.90	0.90	0.010	0.22	0.22	0.0025	U
10061-01-5	cis-1,3-Dichloropropene	1000	1.0	1.0	0.014	0.22	0.22	0.0031	U
108-10-1	4-Methyl-2-pentanone	1000	0.90	0.90	0.0091	0.22	0.22	0.0022	U
10061-02-6	trans-1,3-Dichloropropene	1000	0.50	0.50	0.012	0.11	0.11	0.0025	U
79-00-5	1,1,2-Trichloroethane	1000	0.60	0.60	0.019	0.11	0.11	0.0035	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1305781
Project:	Aramark 909.001.004	**Date Collected:**	NA
Sample Matrix:	Air	**Date Received:**	NA
Sample Name:	Method Blank		
Lab Code:	RQ1309868-01		

Analytical Method: TO-15 **Date Analyzed:** 8/14/13 1057

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
108-88-3	Toluene	1000	0.41	0.41	0.0091	0.11	0.11	0.0024	U
591-78-6	2-Hexanone	1000	0.45	0.45	0.010	0.11	0.11	0.0025	U
124-48-1	Dibromochloromethane	1000	0.19	0.19	0.027	0.022	0.022	0.0031	U
106-93-4	1,2-Dibromoethane	1000	0.17	0.17	0.010	0.022	0.022	0.0014	U
127-18-4	Tetrachloroethene (PCE)	1000	0.080	0.080	0.027	0.012	0.012	0.0039	U
108-90-7	Chlorobenzene	1000	0.51	0.51	0.012	0.11	0.11	0.0024	U
100-41-4	Ethylbenzene	1000	0.95	0.95	0.010	0.22	0.22	0.0024	U
179601-23-1	m,p-Xylenes	1000	1.9	1.9	0.012	0.44	0.44	0.0028	U
75-25-2	Bromoform	1000	1.1	1.1	0.032	0.11	0.11	0.0031	U
100-42-5	Styrene	1000	0.94	0.94	0.0080	0.22	0.22	0.0019	U
95-47-6	o-Xylene	1000	0.95	0.95	0.012	0.22	0.22	0.0026	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	0.15	0.15	0.010	0.022	0.022	0.0015	U
622-96-8	4-Ethyltoluene	1000	1.1	1.1	0.0040	0.22	0.22	0.00082	U
108-67-8	1,3,5-Trimethylbenzene	1000	1.1	1.1	0.0091	0.22	0.22	0.0019	U
95-63-6	1,2,4-Trimethylbenzene	1000	1.1	1.1	0.010	0.22	0.22	0.0021	U
100-44-7	Benzyl Chloride	1000	2.8	2.8	0.0092	0.55	0.55	0.0018	U
541-73-1	1,3-Dichlorobenzene	1000	1.3	1.3	0.019	0.22	0.22	0.0030	U
106-46-7	**1,4-Dichlorobenzene**	1000	**0.016**	1.3	0.0091	**0.0027**	0.22	0.0015	J
95-50-1	**1,2-Dichlorobenzene**	1000	**0.019**	1.3	0.014	**0.0032**	0.22	0.0022	J
120-82-1	**1,2,4-Trichlorobenzene**	1000	**0.050**	1.6	0.038	**0.0067**	0.22	0.0050	J
87-68-3	Hexachlorobutadiene	1000	2.3	2.3	0.029	0.22	0.22	0.0027	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	114	70-130	8/14/13 1057	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: Aramark 909.001.004
Sample Matrix: Air

Service Request: R1305781
Date Analyzed: 8/14/13

Lab Control Sample Summary
Volatile Organic Compounds in Air Collected In SUMMA Passivated Canisters and Analyzed By GC/MS

Analytical Method: TO-15

Units: µg/m³
Basis: NA

Analysis Lot: 354524

Analyte Name	Lab Control Sample RQ1309868-02 Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	11.1	12.0	93	70 - 130
Chloromethane	3.85	5.26	73	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	15.7	17.8	88	70 - 130
Vinyl Chloride	5.88	6.58	89	70 - 130
1,3-Butadiene	4.84	5.86	83	70 - 130
Bromomethane	9.45	9.89	95	70 - 130
Chloroethane	6.08	6.66	91	70 - 130
Acetone	5.32	6.47	82	70 - 130
Trichlorofluoromethane (CFC 11)	13.9	14.3	97	70 - 130
Isopropanol	5.76	6.70	86	70 - 130
1,1-Dichloroethene	8.86	10.4	85	70 - 130
Methylene Chloride	7.52	9.03	83	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	17.8	19.9	89	70 - 130
Carbon Disulfide	7.45	7.94	94	70 - 130
trans-1,2-Dichloroethene	8.59	10.4	83	70 - 130
1,1-Dichloroethane (1,1-DCA)	8.63	10.5	82	70 - 130
Methyl tert-Butyl Ether	8.72	9.64	90	70 - 130
Vinyl Acetate	7.15	9.06	79	70 - 130
2-Butanone (MEK)	5.71	7.89	72	70 - 130
cis-1,2-Dichloroethene	8.87	10.5	84	70 - 130
Hexane	7.05	9.43	75	70 - 130
Chloroform	11.5	13.2	87	70 - 130
Tetrahydrofuran (THF)	6.73	7.87	86	70 - 130
1,2-Dichloroethane	10.8	10.6	102	70 - 130
1,1,1-Trichloroethane (TCA)	14.0	14.3	98	70 - 130
Benzene	7.34	8.38	88	70 - 130
Carbon Tetrachloride	15.9	15.9	100	70 - 130
Cyclohexane	7.31	9.12	80	70 - 130
1,2-Dichloropropane	9.67	12.1	80	70 - 130
Bromodichloromethane	16.8	17.4	96	70 - 130
Trichloroethene (TCE)	13.3	14.0	96	70 - 130
1,4-Dioxane	8.48	9.37	91	70 - 130
n-Heptane	9.32	11.1	84	70 - 130
cis-1,3-Dichloropropene	11.5	12.3	94	70 - 130
4-Methyl-2-pentanone	8.66	10.5	82	70 - 130
trans-1,3-Dichloropropene	10.2	11.0	93	70 - 130
1,1,2-Trichloroethane	13.3	14.6	91	70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: Aramark 909.001.004
Sample Matrix: Air

Service Request: R1305781
Date Analyzed: 8/14/13

Lab Control Sample Summary
Volatile Organic Compounds in Air Collected In SUMMA Passivated Canisters and Analyzed By GC/MS

Analytical Method: TO-15

Units: µg/m³
Basis: NA

Analysis Lot: 354524

Analyte Name	Lab Control Sample RQ1309868-02 Result	Spike Amount	% Rec	% Rec Limits
Toluene	9.11	10.1	90	70 - 130
2-Hexanone	8.82	11.4	78	70 - 130
Dibromochloromethane	23.8	23.4	102	70 - 130
1,2-Dibromoethane	18.7	20.0	94	70 - 130
Tetrachloroethene (PCE)	19.0	18.0	106	70 - 130
Chlorobenzene	11.1	12.3	90	70 - 130
Ethylbenzene	10.2	11.5	89	70 - 130
m,p-Xylenes	20.2	22.4	91	70 - 130
Bromoform	28.3	26.6	106	70 - 130
Styrene	10.2	11.2	91	70 - 130
o-Xylene	10.4	11.9	87	70 - 130
1,1,2,2-Tetrachloroethane	14.6	18.9	77	70 - 130
4-Ethyltoluene	11.5	12.9	89	70 - 130
1,3,5-Trimethylbenzene	11.3	12.7	89	70 - 130
1,2,4-Trimethylbenzene	11.3	12.7	90	70 - 130
Benzyl Chloride	11.1	12.9	86	70 - 130
1,3-Dichlorobenzene	14.3	15.0	95	70 - 130
1,4-Dichlorobenzene	13.9	15.0	92	70 - 130
1,2-Dichlorobenzene	13.6	15.0	91	70 - 130
1,2,4-Trichlorobenzene	15.6	17.1	92	70 - 130
Hexachlorobutadiene	26.5	24.5	108	70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Columbia Analytical Services™

CHAIN OF CUSTODY - AIR

PAGE 1 OF 1

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 | 585.288.5380 | 585.288.8475 (fax) | www.caslab.com

Requested Turnaround Time in Business Days from Receipt, please circle:
1 Day 2 Day 3 Day 4 Day 5 Day (10 Day-Standard)

CAS Project #:

Company Name: Barton & Loguidice

Project Name: Aramark - Solvay

CAS Contact:

Address: 11 Centre Park Suite 203

Project Number: 909.001.004

Analysis Method and/or Analytes

City, State, Zip: Rochester, NY 14614

P.O. #/Billing Information: B+L

Project Manager: Dave Hanny

Phone: (585) 325-7190

Fax:

Email (for result reporting): dhanny@bartonandloguidice.com

Sampler (Print & Sign):

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID	Flow Controller ID	TO-15	Start	in.	Stop	in.	Comments Specific Instructions
VP-A (Western)	-001	8/8/13	2 hr.	SLC00148	FC00751		12:13	-28.7"	14:11	-5.0"	
VP-B (Eastern)	-002	8/8/13	2 hr.	SLC00136	FC00715		12:31	-29.5"	14:28	-6.9"	

What State were samples collected in: NY

Report Tier Levels - please select:
Tier I (Results/Default, if not specified) X
Tier II (Results + QC) ___
Tier III (CLP Forms Only) ___
Tier IV (Data Validation) ___

EDD required: YES / NO
Type: _____ EDD Units: _____

Project Requirements (MRLs, QAPP, etc.)

Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date:	Time:
	8/8/13	1730			
Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date:	Time:
				8/8/13	1730

R1305781 5
Barton & Loguidice, PC
Aramark 909.001.004

COC AIR REV 7-11

Attachment E

2013 Annual Site Wide Inspection Form

SITE MANAGEMENT PLAN

ANNUAL SITE-WIDE INSPECTION

TO BE COMPLETED BY OWNER ANNUALLY

Site Name: Christopher Service Company Site

Site No.: V00665-7

Site Address: 3117 Milton Avenue, Solvay, NY

Owner: ARAMARK Uniform Services (Syracuse), LLC

Owner Address: 115 North First Street, Burbank, California 91502

Date: 8/8/2013

Inspected By: Brian J. McGrath

Inspector's Signature:

Inspector's Address: 11 Centre Park, Suite 203

Rochester, NY 14614

Site Management Plan (SMP) Compliance	YES	NO	N/A	COMMENTS
Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		X		
Has the Environmental Easement been upheld?	X			
Have site-use restrictions been upheld (restricted commercial)?	X			
Has the groundwater use restriction been upheld?	X			
Has all intrusive work been conducted in accordance with the SMP?			X	
Was the Excavation Work Plan followed?			X	
Was the Community Air Monitoring Plan followed?			X	
Has the SSDS been inspected and maintained?	X			
Are all records related to the site maintained and up-to-date?	X			
Document the general site conditions at the time of the site inspection:				

Attachment F

2013 Vapor Intrusion Mitigation System Inspection Checklists

ARAMARK Uniform Services, LLC
Christopher Service Company Site
Vapor Intrusion Mitigation System Inspection Checklist

Address inspected: 3117 Milton Ave. Solvay, NY **Village of Solvay, NY**

Person(s) interviewed: John Williams

Date of inspection: 08/08/13

Inspector(s): Brian J. McGrath (B&L)

Make and Model of Fan Fantech Model Hp/FR 250

Date System Installed 11/2010

Suction Static Pressure **SSP#1** _____ **SSP#2** _____ **SSP#3** _____

1.0 Systems Installation and Interior Piping Requirements	**Yes**	**No**	**Unk / NA**
1.1 Are all manifold and suction point piping solid, rigid pipe not less than 3 in. inside diameter?	X		
1.2 Are all pipe interior joints and connections in mitigation systems sealed permanently? (Exceptions include installation of fans and sump covers)	X		
1.3 Does the system piping avoid attachment to or support by existing pipes, ducts, conduits or any kind of equipment?		X	
1.4 Does the system piping avoid blocking window and doors or access to installed equipment?	X		
1.5 Are supports for system piping installed at least every six (6) feet on horizontal runs?	X		
1.6 Are vertical runs secured above or below the points of penetration through floors, ceilings and roofs, or at least every (8) feet on runs that do not penetrate floors, ceilings or roofs?	X		
1.7 Are suction point pipes supported and secured in a permanent manner that prevents their downward movement to the bottom of suction pits or sump pits, or into the soil beneath a soil-gas-retarder membrane?	X		
1.8 Are horizontal runs in system piping sloped to ensure that water from rain or condensation drains downward into the ground beneath the slab or soil-gas-retarder membrane?	X		
1.9 Does the system piping pass the smoke stick check (no leaks)?	X		
2.0 General Sealing Requirements			
2.1 Are openings around the suction point piping penetrations of the slab properly sealed using methods and materials that are permanent \ durable and pass the smoke stick check?	X		
2.2 Are accessible openings around utility penetrations of the foundation walls and slab, test holes, wells and other openings in slabs properly sealed using methods and materials that are permanent / durable and pass the smoke stick check?	X		
2.3 Are openings / cracks sealed where the slab meets the foundation wall (if appropriate)?	X		

***This Inspection form was adapted from an existing checklist obtained from t

	Yes	No	Unk/NA
2.4 Is urethane caulk or equivalent material used, and when the joint is greater than ½ inch in width, is a foam backer rod or other comparable filler material inserted into the joint before the application of the sealant (principally from the outside)?	X		
2.5 When installing baseboard-type suction systems, are all baseboard sealed to walls and floors with adhesives also designed and recommended for such installations?			X
2.6 Are all utility and other penetrations through a soil-gas-retarder membrane sealed?			X
2.7 Did all cracks or openings in the slab or wall pass the smoke test? If not, identify the location of failed cracks or openings in the Notes & Comments Section below.			X
3.0 Electrical Requirements			
3.1 Is the plugged cord used to supply power to the fan no more than 6 feet in length?	X		
3.2 Does the plugged cord avoid penetrating a wall or being sealed within a wall?	X		
3.3 Is the power supply to the fan hard-wired with an electrical disconnect within line of sight and 4 feet of the fan?	X		
3.4 Does the power supply have a seal to determine if access has occurred?	X		
3.5 Is the access seal on the power supply intact?	X		
3.6 Is the electrical service panel labeled to indicate the circuit breaker powering the SSDS fan?	X		
4.0 Sub-Membrane Depressurization Requirements			
4.1 Is a sub-membrane depressurization system part of the mitigation system?		X	
4.2 If yes, did the sub-membrane depressurization system pass the smoke test?			X
5.0 Sump Pit Requirements			
5.1 Is there a sump pit in basement?			X
If yes:			
5.2 Is the sump pit installed with an impermeable cover and sealed with O-ring or silicone caulking?			X
5.3 Is the sump pit cover designed to facilitate removal for sump pit maintenance?			X
5.4 Is there a mitigation system designed to draw soil-gas from the sump pit?			X
6.0 Monitors and Labeling Requirements			
6.1 Does each suction point have a mechanism to measure vacuum?		X	
6.2 Is the mechanical mitigation system's monitor, such as manometer type pressure gauges, clearly marked to indicate the initial pressure readings?			X
6.3 Is the current vacuum reading within 0.25"water of the initial reading for low vacuum fans and within 5% of the commissioned vacuum for high vacuum fans?			X

***This Inspection form was adapted from an existing checklist obtained from t

	Yes	No	Unk/NA
6.4 Is a system description label placed on the mitigation system or other prominent location?	X		
6.5 Is the label legible from a distance of at least three feet and does it display the following information: Purpose of the system ("Vapor Intrusion Mitigation"), name, address and phone number of the contact person.	X		
6.6 Does the mitigation system prevent backdrafting of combustion products into the structure?	X		
6.7 Does the mitigation system include an audible alarm to inform occupants of a system malfunction?	X		
7.0 System Vent Discharge Point Requirements			
7.1 Is the vent pipe vertical and upward, outside the structure, at least 10 feet above ground level, and above the edge of the roof ? **(Req. A)**	X		
7.2 Is the discharge of the vent pipe ten feet or more away from any window, door, or other opening into conditioned or otherwise occupiable spaces of the structure, if the vapor discharge point is not at least 2 feet above the top of such openings? **(Req. B)**	X		
7.3 Is the discharge of the vent pipe ten feet or more away from any opening into the conditioned or other occupiable spaces of an adjacent building? Chimney flues shall be considered openings. **(Req. C)**	X		
7.4 For vent stack pipes that penetrate the roof, is the point of discharge at least 12 in. above the surface of the roof? **(Req. D)**	X		
7.5 For vent stack pipes attached to or penetrating the sides of the buildings, is the point of discharge vertical and a minimum of 12 inches above the surface of the roof.	X		
7.6 Does the horizontal run of vent stack pipe penetrate the gable end walls? **(Req. E)**		X	
7.7 If yes, does the piping outside the structure routed to a vertical position so that the discharge point meets the requirements of (**A**), (**B**), (**C**), and (**D**)?			X
7.8 Do points of discharge that are not in a direct line of sight from openings into conditioned or otherwise occupiable space because of intervening objects, such as dormers, chimneys, windows around the corner, etc. meet the separation requirements of (**A**), (**B**), (**C**), (**D**) and (**E**)?			X
7.9 Is the outside vent piping fastened to the structure of the building with hangers, strapping or other supports that will secure it adequately (every 8 feet)?	X		
7.10 Is vent stack piping's ID at least as large as the largest used in the manifold piping? Manifold piping to which two or more suction points are connected shall be at least 4 inch ID. (3x4 inch aluminum downspout is an acceptable deviation)	X		
7.11 If system piping is installed on the exterior of a building, is piping sealed from the outside at point of entry to the building?	X		
8.0 Fan Installation Requirements			
8.1 Is the fan installed in a configuration that avoids condensation buildup in the fan housing?	X		

***This Inspection form was adapted from an existing checklist obtained from t

	Yes	No	Unk/NA
8.2 Is the fan mounted on the exterior of buildings rated for outdoor use or installed in a weather proof protective housing?	X		
8.3 Is the fan mounted and secured in a manner that minimizes transfer of vibration to the structural framing of the building?	X		
8.4 Does the system operate without noise or vibration above normal conditions?	X		

9.0 Design Drawing and As-Built Drawing Requirements

9.1 Was the system installed as per the design drawings submitted to the municipality?	X		

10.0 Notes & Comments

****This Inspection form was adapted from an existing checklist obtained from the New Jersey Department of Environmental Protection*

Attachment G

2013 Certification of Engineering and Institutional Controls

2013 Certification of Engineering and Institutional Controls

In accordance with the SMP and after the last inspection of the reporting period, a qualified environmental professional or Professional Engineer licensed to practice in New York State has prepared the following certification:

For each institutional or engineering control identified for the site, I certify to the best of my knowledge and believe that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the site is compliant with the Environmental Easement;
- The engineering control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and
- The information presented in this report is accurate and complete.
- I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Scott D. Nostrand, of Barton & Loguidice, D.P.C. located at 290 Elwood Davis Road, Syracuse, New York am certifying as Owner's Designated Site Representative.

Scott D. Nostrand, P.E.
Senior Vice President

1.15.14
Date