



LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR: Kenneth Stromsland
Board of Education Township of Edison
312 Pierson Avenue
Edison, NJ 07642

SITE INVESTIGATED: James Madison Primary
840 New Dover Road
Edison, NJ 08820

ASSESSMENT BY: Kyle Brown
Omega Environmental Services, Inc.
280 Huyler Street
South Hackensack, NJ 07606

**INVESTIGATION
CONDUCTED:** 8/04/16

DATE OF REPORT: 8/24/16

(Omega Project # 16-27002K)

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EXECUTIVE SUMMARY:

The Board of Education Township of Edison requested lead in water testing of potable water outlets at James Madison Primary, 840 New Dover Road, Edison, NJ 08820.

Previous Testing

No information related to previous testing was available.

Recent Testing (8/04/16)

In order to assess the building water outlets a full testing of all potable outlets was performed on August 04, 2016.

Reportedly the outlets were not flushed or used on the day of testing.

First draw and flush samples (30 second) were collected of 34 water fountains and sinks.

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb. Two first draw samples were above 15 ppb. The associated flush samples were below 15 ppb.

See Section 3 Discussion of Results

1 RESULTS TABLE:

Outlet #	Sample #	Location	1 st draw (FD) or flush (FL)	Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
11	1	Faculty Room Sink	FD	33	15
11	2	Faculty Room Sink	FL	6.1	15
26	3	Water Fountain Room 8	FD	2.9	15
26	4	Water Fountain Room 8	FL	<1.0	15
25	5	Water Fountain Room 11	FD	2.9	15
25	6	Water Fountain Room 11	FL	<1.0	15
01	7	Water Fountain Room 5	FD	3.7	15
01	8	Water Fountain Room 5	FL	<1.0	15
02	9	Water Fountain Room 6	FD	4.3	15
02	10	Water Fountain Room 6	FL	<1.0	15
24	11	Water Fountain Room 7	FD	2.6	15
24	12	Water Fountain Room 7	FL	<1.0	15
20	13	Water Fountain Room 13	FD	<1.0	15
20	14	Water Fountain Room 13	FL	<1.0	15
19	15	Water Fountain Room 14	FD	<1.0	15
19	16	Water Fountain Room 14	FL	<1.0	15
07	17	Water Fountain Room 15	FD	<1.0	15
07	18	Water Fountain Room 15	FL	<1.0	15
08	19	Water Fountain Room 16	FD	<1.0	15
08	20	Water Fountain Room 16	FL	<1.0	15
11A	21	Water Fountain near Room 4	FD	1.3	15
11A	22	Water Fountain near Room 4	FL	<1.0	15
37	23	Water Fountain Room 4	FD	3.5	15
37	24	Water Fountain Room 4	FL	<1.0	15
38	25	Water Fountain Room 3	FD	3.5	15
38	26	Water Fountain Room 3	FL	<1.0	15
41	27	Main Office Sink	FD	2.8	15
41	28	Main Office Sink	FL	<1.0	15
43	29	Nurse's Office Sink	FD	11	15
43	30	Nurse's Office Sink	FL	<1.0	15
44	31	Water Fountain Room 28	FD	5.0	15
44	32	Water Fountain Room 28	FL	<1.0	15
45	33	Water Fountain Room 27	FD	5.6	15
45	34	Water Fountain Room 27	FL	<1.0	15
47A	35	Water Fountain near Room 27	FD	2.0	15
47A	36	Water Fountain near Room 27	FL	<1.0	15
64	37	Water Fountain Room 26	FD	1.2	15
64	38	Water Fountain Room 26	FL	<1.0	15
51	39	Water Fountain Room 25	FD	4.7	15
51	40	Water Fountain Room 25	FL	<1.0	15

52	41	Water Fountain Room 24	FD	2.1	15
52	42	Water Fountain Room 24	FL	<1.0	15
53	43	Library Sink	FD	18	15
53	44	Library Sink	FL	<1.0	15
63	45	Water Fountain Room 23	FD	1.2	15
63	46	Water Fountain Room 23	FL	<1.0	15
62	47	Kitchen Sink	FD	1.4	15
62	48	Kitchen Sink	FL	<1.0	15
61	49	Water Fountain Room 22	FD	<1.0	15
61	50	Water Fountain Room 22	FL	<1.0	15
60	51	Water Fountain Room 21	FD	1.0	15
60	52	Water Fountain Room 21	FL	<1.0	15
57	53	Water Fountain Room 20	FD	1.2	15
57	54	Water Fountain Room 20	FL	<1.0	15
56	55	Water Fountain Room 19	FD	<1.0	15
56	56	Water Fountain Room 19	FL	<1.0	15
13	57	Water Fountain Room 10	FD	5.2	15
13	58	Water Fountain Room 10	FL	<1.0	15
12	59	Water Fountain Room 9	FD	3.1	15
12	60	Water Fountain Room 9	FL	1.3	15
36	61	Custodian Sink	FD	2.9	15
36	62	Custodian Sink	FL	<1.0	15
33	63	Water Fountain Room 18	FD	3.4	15
33	64	Water Fountain Room 18	FL	<1.0	15
30	65	Water Fountain Room 17	FD	1.4	15
30	66	Water Fountain Room 17	FL	<1.0	15
23	67	Water Fountain Room 12	FD	1.3	15
23	68	Water Fountain Room 12	FL	<1.0	15

⁽¹⁾ EPA Lead in Copper Rule (1991) Action Level for water suppliers (municipalities and private wells) and March 2016 Newark Public Schools Lead Water Testing Sampling Plan.

FD – First Draw Sample

FL – Flush Sample (30 sec)

NA – Not Analyzed

2 SAMPLING METHODOLOGY:

First Draw Samples - Without allowing any water to spill until sample collection, samples were collected with a relatively slow flow rate in 250 mL bottles prepared with Nitric Acid (HNO₃) as a preservative.

Flush Samples – After collection of first draw samples the water was allowed to flow at a relatively slow rate for thirty second to flush the fixture and close piping. The flush samples are intended to test the plumbing further upstream from the fixture (behind walls).

The samples were packaged in a cooler and shipped to Pace Analytical, Melville, NY for total lead in potable water analysis (method E200.8 IOC).

3 DISCUSSION OF RESULTS:

Two first draw sample results were above 15 ppb, but associated flush samples results were below 15 ppb. This indicates the source of lead is related to the fixtures themselves, not in the main building plumbing.

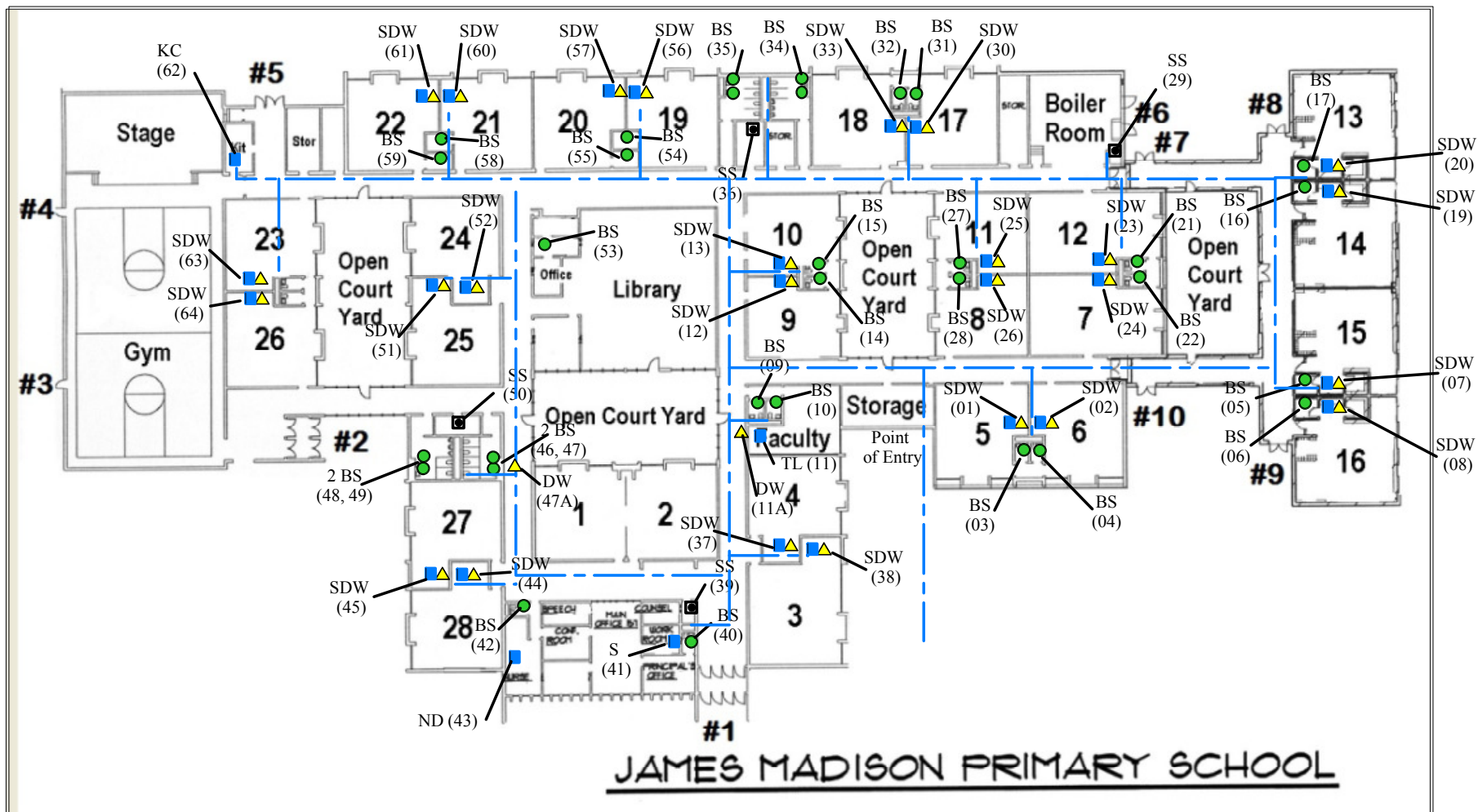
4 RECOMMENDATIONS:

Short term:

- Conduct further evaluation and testing of outlets with elevated results.
- Take any outlets with elevated results out of service.

Long Term:

- If additional testing shows similar results (first draw results above 15 ppb) consider replacing the spout of the fountains (may contain brass, adding to lead levels), installing filters (if practical), or fixture replacement.
- Repeat full building testing on an annual basis. Generally this should be performed in August prior to the start of the school season.
- Develop a Lead in Water Management Plan in accordance with the 2006 EPA 3Ts for Reducing Lead in Drinking Water in Schools.



KEY

- KC = Kitchen Outlet, Cold
- ▲ WC = Water Cooler (Chilled Bubbler Unit)
- TL = Teacher Lounge Sink
- FP = Food Preparation Sink
- ▲ DW = Drinking Water Bubbler (non-chilled)
- SDW = Combination Sink Water Bubbler
- ▲ DDW = Double Drinking Water Bubbler

- EC = Home Economics Outlet, Cold
- IM = Ice Machine
- BS = Bathroom Sink
- NS = Nurse's Office Sink
- SS = Janitors Slop Sink
- /A = outlet has an aerator
- /F = outlet has a filter
- (01) = Outlet Number

Notes

1. Cold water runs are above hallway ceilings with branches and laterals to each group of outlets

Dwg. Title: Plumbing Schematic

Location: James Madison Primary School, Edison, NJ

Client: Edison Township Board of Education

OMEGA
ENVIRONMENTAL
SERVICES, INC.

280 Huyler Street
S. Hackensack, NJ 07606
Tel: (201) 489-8700
Fax: (201) 342-5412

Date: 8/24/16

Proj. # 16-27002K

Dwn. By: DSE

Dwg. # 27002K-01P

A. Outlet Location Plan

B. Lead in Water Laboratory Reports

CHAIN-OF-CUSTODY / Analytical Request Document

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

1608 B25

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Omega Environmental	Report To:	Lab@omega-env.com	Attention:	Accts Payable
Address:	280 Huyler Street	Copy To:	mikel@omega-env.com, david@omega-env.com	Company Name:	Omega Environmental
Email To:	Lab@Omega-env.com	Purchase Order No.:	emmam@omega-env.com	Address:	280 Huyler St, S Hackensack, NJ
Phone:	201-489-8700	Project Name:	James Madison Primary	Pace Quote Reference:	
Requested Due Date/TAT:	5 day	Project Number:	16-27003-K	Pace Project Manager:	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID S OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓	Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					COMPOSITE START	COMPOSITE END/GRAB	DATE			TIME	DATE	TIME	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol			Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	
		Kyle Brown / Omega sampler	8/10/16	12:16	Kyle Brown	9/10/16	9:33	N	N
FD - First Draw Sample									
FL - Flush Sample									

SAMPLER NAME AND SIGNATURE		Temp In °C	Received on	Custody	Sealed Cooler	Samples Intact
PRINT Name of SAMPLER: Kyle Brown						
SIGNATURE of SAMPLER: Kyle Brown						
DATE Signed (MM/DD/YY): 08/04/16						

7837 8066 0313

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



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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 2 of 6	
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Address:	280 Huyler Street	Copy To:	mikel@omega-env.com, daveid@omega-env.com	Company Name:	Omega Environmental		
	S. Hackensack, NJ 07606		emmam@omega-env.com	Address:	280 Huyler St, S Hackensack, NJ		
Email To:	Lab@Omega-env.com		Purchase Order No.:	Pace Quote Reference:			
Phone:	201-489-8700		Project Name:	Pace Project Manager:			
Fax:			James Madison Primary				
Requested Due Date/TAT:	5 day		Project Number:	Pace Profile #:			
			16-22002K				
				REGULATORY AGENCY			
				<input type="checkbox"/> NPDES	<input type="checkbox"/> GROUND WATER	<input checked="" type="checkbox"/> DRINKING WATER	
				<input type="checkbox"/> UST	<input type="checkbox"/> RCRA	<input type="checkbox"/> OTHER	
				Site Location	STATE:		
					NJ		

[illegible]



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Email To:	Lab@Omega-env.com	Purchase Order No.:	emmam@omega-env.com	Address:	280 Huyler St, S Hackensack, NJ
Phone:	201-489-8700	Project Name:	James Madison Primary	Pace Quote Reference:	
Requested Due Date/TAT:	5 day	Project Number:	16-22022K	Pace Project Manager:	
				Pace Profile #:	

Section D Required Client Information		Valid Matrix Codes		Section E Requested Analysis Filtered (Y/N)		Section F Requested Analysis Filtered (Y/N)																	
SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE		MATRIX CODE DW WT WW P SL OL WIP AIR OT TS		COMPOSITE START COMPOSITE END/GRAB		Preservatives HNO ₃ H ₂ SO ₄ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other		Lead in drink water 200.8		Residual Chlorine (Y/N)		Pace Project No. / Lab I.D.											
ITEM #	1	25-WF Rm 3 - FD	DW	G	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME									
	2	26-WF Rm 3 - FL	DW	G	8/16/16	9:00																	
	3	27 - Main Office Sink - FD	DW	G																			
	4	28 - Main Office Sink - FL	DW	G																			
	5	29 - Nurses Office Sink - FD	DW	G																			
	6	30 - Nurses Office Sink - FL	DW	G																			
	7	31 - WF Rm 25 - FD	DW	G																			
	8	32 - WF Rm 28 - FL	DW	G																			
	9	33 - WF Rm 27 - FD	DW	G																			
	10	34 - WF Rm 27 - FL	DW	G																			
	11	35 - WF near Rm 27 - FD	DW	G																			
	12	36 - WF near Rm 27 - FL	DW	G																			
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS									
		Kyle Brown/Omega sampler		8/16/16		12:16		Kyle Brown		8/16/16		9:33											
FD - First Draw Sample																							
FL - Flush Sample																							
SAMPLER NAME AND SIGNATURE														Temp in °C		Received on		Sealed Coolery		Samples Intact			
PRINT Name of SAMPLER: Kyle Brown																							
SIGNATURE of SAMPLER: Kyle Brown																							
DATE Signed (MM/DD/YY): 08/16/16																							

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Email To:	Lab@Omega-env.com	Purchase Order No.:	emmam@omega-env.com	Address:	280 Huyler St, S Hackensack, NJ
Phone:	201-489-8700	Project Name:	James Madison Primary	Pace Quote Reference:	
Requested Due Date/TAT:	5 day	Project Number:	16-270026	Pace Project Manager:	
				Pace Profile #:	

Section D Required Client Information		Valid Matrix Codes		Requested Analysis Filtered (Y/N)		Residual Chlorine (Y/N)		Pace Project No./ Lab I.D.	
SAMPLE ID (A-Z, 0-9, /, -) Sample IDs MUST BE UNIQUE		MATRIX CODE DW WT WW P SL OL WIP AIR AR OT TS		COLLECTED COMPOSITE START COMPOSITE END/GRAB		SAMPLE TEMP AT COLLECTION		Lead in drink water 200.8	
ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	DATE	TIME	DATE	TIME	DATE
1	37-WF Rm26-FL	DW G		8/4/16	9:00				
2	38-WF Rm26-FL	DW G							
3	39-WF Rm25-FL	DW G							
4	40-WF Rm25-FL	DW G							
5	41-WF Rm24-FL	DW G							
6	42-WF Rm24-FL	DW G							
7	43-Library Sink-FL	DW G							
8	44-Library Sink-FL	DW G							
9	45-WF Rm23-FL	DW G							
10	46-WF Rm22-FL	DW G							
11	47-Kitchen Sink-FL	DW G							
12	48-Kitchen Sink-FL	DW G							
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	
		Kyle Brown/Omega Sampler	8/4/16	12:16	Kyle Brown	8/10/16	9:33		
FD - First Draw Sample									
FL - Flush Sample									
Temp in °C		Received on		Sealed Cooler		Custody (Y/N)		Samples Intact (Y/N)	
SAMPLER NAME AND SIGNATURE		PRINT Name of SAMPLER: Kyle Brown		DATE Signed (MM/DD/YY): 08/07/16					
		SIGNATURE of SAMPLER: Kyle Brown							

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Address: 280 Huyler Street		Copy To: mikel@omega-env.com, davide@omega-env.com		Company Name: Omega Environmental	
S. Hackensack, NJ 07606		emman@omega-env.com		Address: 280 Huyler St, S Hackensack, NJ	
Email To: Lab@Omega-env.com		Purchase Order No.:		Pace Quote Reference:	
Phone: 201-489-8700 Fax: 5 day		Project Name: James Madison Primary		Pace Project Manager:	
Requested Due Date/TAT:		Project Number: 16-2200215		Pace Profile #:	

REGULATORY AGENCY	
<input type="checkbox"/> NPDES	<input type="checkbox"/> GROUND WATER
<input type="checkbox"/> UST	<input type="checkbox"/> RCRA
<input type="checkbox"/> OTHER	
Site Location	STATE: NJ

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis is Filtered (Y/N)												Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					COMPOSITE START	COMPOSITE END/GRAB	DATE			TIME	DATE	TIME	Unpreserved	H2SO4	HNO3	HCl	NaOH		Na2S2O3	Methanol	Other	Lead in drink water 200.8	Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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	Kyle Brown	8/14/16	12:16	Kyle Brown	8/16/16	9:33	
FD - First Draw Sample							
FL - Flush Sample							

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on	Custody	Samples Intact
PRINT Name of SAMPLER: Kyle Brown					
SIGNATURE of SAMPLER: Kyle Brown					
DATE Signed (MM/DD/YY): 08/16/16					

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Address: 280 Huyler Street		Copy To: mike@omega-env.com, davide@omega-env.com		Company Name: Omega Environmental	
Email To: Lab@Omega-env.com		Purchase Order No.: emmam@omega-env.com		Address: 280 Huyler St, S Hackensack, NJ	
Phone: 201-489-8700		Project Name: <i>James Madison Primary</i>		Pace Quote Reference:	
Requested Due Date/TAT: 5 day		Project Number: <i>16-22002K</i>		Pace Project Manager:	
				Pace Profile #:	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DW WT WW PW SL OL WL WR AR OT TS	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Preservatives										Analysis Test ↑	Lead in drink water 200.8	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.								
			COMPOSITE START	COMPOSITE END/GRAB				DATE	TIME	Unpreserved	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other													
1	<i>61-Custodian Sink - FD</i>				G	DW																							
2	<i>62-Custodian Sink - FL</i>				G	DW																							
3	<i>63-WF Rm 18-FD</i>				G	DW																							
4	<i>64-WF Rm 18-FL</i>				G	DW																							
5	<i>65-WF Rm 17-FD</i>				G	DW																							
6	<i>66-WF Rm 17-FL</i>				G	DW																							
7	<i>67-WF Rm 12-FD</i>				G	DW																							
8	<i>68-WF Rm 12-FL</i>				G	DW																							
9					G	DW																							
10					G	DW																							
11					G	DW																							
12					G	DW																							
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS															
		<i>Kyle Bawn / Omega Enviro</i>		<i>8/16/16</i>		<i>12:16</i>		<i>[Signature]</i>		<i>8/10/16</i>		<i>9:30</i>																	
FD - First Draw Sample																													
FL - Flush Sample																													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4">SAMPLER NAME AND SIGNATURE</th> </tr> <tr> <td colspan="2">PRINT Name of SAMPLER: <i>Kyle Bawn</i></td> <td colspan="2">DATE Signed (MM/DD/YY): <i>08/10/16</i></td> </tr> <tr> <td colspan="2">SIGNATURE of SAMPLER: <i>[Signature]</i></td> <td colspan="2"></td> </tr> </table>																		SAMPLER NAME AND SIGNATURE				PRINT Name of SAMPLER: <i>Kyle Bawn</i>		DATE Signed (MM/DD/YY): <i>08/10/16</i>		SIGNATURE of SAMPLER: <i>[Signature]</i>			
SAMPLER NAME AND SIGNATURE																													
PRINT Name of SAMPLER: <i>Kyle Bawn</i>		DATE Signed (MM/DD/YY): <i>08/10/16</i>																											
SIGNATURE of SAMPLER: <i>[Signature]</i>																													
Temp in °C				Received on	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)																							



LABORATORY RESULTS

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Omega Environmental Services

280 Huyler Street

South Hackensack, NJ 07606

Attn To : Michael Levay

Federal ID :

Copies To :

Received : 08/10/16 9:33 AM

Collected By : CLIENT

Sample Type : Potable Water

CC

Date Reported : 8/20/2016

Lab Number	Location	Collected	Lead	
			Units	ug/L
			Method	E200.8 : IOC
			Limits	15
1608B25-001A	01-FACULTY ROOM SINK- 8/4/2016 9:00:00 AM		Analysis	33 *
	1		Time	8/16/2016 8:14:27 PM
Distribution				JAMES MADISON PRIMARY
1608B25-002A	03-WF RM 8-FD	8/4/2016 9:00:00 AM	Analysis	2.9
	3		Time	8/16/2016 8:17:23 PM
Distribution				JAMES MADISON PRIMARY
1608B25-003A	05-WF RM 11-FD	8/4/2016 9:00:00 AM	Analysis	2.9
	5		Time	8/16/2016 8:20:16 PM
Distribution				JAMES MADISON PRIMARY
1608B25-004A	07-WF RM 5-FD	8/4/2016 9:00:00 AM	Analysis	3.7
	7		Time	8/16/2016 8:23:11 PM
Distribution				JAMES MADISON PRIMARY
1608B25-005A	09-WF RM 6-FD	8/4/2016 9:00:00 AM	Analysis	4.3
	9		Time	8/16/2016 8:26:05 PM
Distribution				JAMES MADISON PRIMARY

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Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B25-006A	11-WF RM 7-FD	8/4/2016 9:00:00 AM	ug/L	
	11		E200.8 : IOC	
			15	
Distribution				
			Analysis	2.6
			Time	8/16/2016 8:29:00 PM
				JAMES MADISON PRIMARY
1608B25-007A	13-WF RM 13-FD	8/4/2016 9:00:00 AM		< 1.0
	13		Analysis	8/16/2016 8:31:55 PM
Distribution			Time	JAMES MADISON PRIMARY
1608B25-008A	15-WF RM 14-FD	8/4/2016 9:00:00 AM		< 1.0
	15		Analysis	8/16/2016 8:46:37 PM
Distribution			Time	JAMES MADISON PRIMARY
1608B25-009A	17-WF RM 15-FD	8/4/2016 9:00:00 AM		< 1.0
	17		Analysis	8/16/2016 8:49:33 PM
Distribution			Time	JAMES MADISON PRIMARY
1608B25-010A	19-WF RM 16-FD	8/4/2016 9:00:00 AM		< 1.0
	19		Analysis	8/16/2016 8:52:29 PM
Distribution			Time	JAMES MADISON PRIMARY

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Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B25-011A	21-WF NEAR RM 4-FD	8/4/2016 9:00:00 AM	ug/L	E200.8 : IOC
	21		15	
Distribution			1.3	
			8/16/2016 8:55:24 PM	
			JAMES MADISON PRIMARY	
1608B25-012A	23-WF RM 4-FD	8/4/2016 9:00:00 AM	3.5	
	23		8/16/2016 8:58:19 PM	
Distribution			JAMES MADISON PRIMARY	
1608B25-013A	25-WF RM 3-FD	8/4/2016 9:00:00 AM	3.5	
	25		8/16/2016 9:01:13 PM	
Distribution			JAMES MADISON PRIMARY	
1608B25-014A	27-MAIN OFFICE SINK-FD	8/4/2016 9:00:00 AM	2.8	
	27		8/16/2016 9:04:08 PM	
Distribution			JAMES MADISON PRIMARY	
1608B25-015A	29-NURSES OFFICE SINK	8/4/2016 9:00:00 AM	11	
	29		8/16/2016 9:07:03 PM	
Distribution			JAMES MADISON PRIMARY	

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Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
			ug/L	
			E200.8 : IOC	
			15	
1608B25-016A	31-WF RM 28-FD	8/4/2016 9:00:00 AM		
	31		Analysis	5.0
Distribution			Time	8/16/2016 9:21:37 PM
				JAMES MADISON PRIMARY
1608B25-017A	33-WF RM 27-FD	8/4/2016 9:00:00 AM		
	33		Analysis	5.6
Distribution			Time	8/16/2016 9:24:34 PM
				JAMES MADISON PRIMARY
1608B25-018A	35-WF NEAR RM 27-FD	8/4/2016 9:00:00 AM		
	35		Analysis	2.0
Distribution			Time	8/16/2016 9:27:29 PM
				JAMES MADISON PRIMARY
1608B25-019A	37-WF RM 26-FD	8/4/2016 9:00:00 AM		
	37		Analysis	1.2
Distribution			Time	8/16/2016 9:30:24 PM
				JAMES MADISON PRIMARY
1608B25-020A	39-WF RM 25-FD	8/4/2016 9:00:00 AM		
	39		Analysis	4.7
Distribution			Time	8/16/2016 9:33:19 PM
				JAMES MADISON PRIMARY

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Sample Type : Potable Water

CC

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Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
			ug/L	
			E200.8 : IOC	
			15	
1608B25-021A	41-WF RM 24-FD	8/4/2016 9:00:00 AM		
	41		Analysis	2.1
Distribution			Time	8/16/2016 9:36:13 PM
				JAMES MADISON PRIMARY
1608B25-022A	43-LIBRARY SINK-FD	8/4/2016 9:00:00 AM		
	43		Analysis	18 *
Distribution			Time	8/16/2016 9:39:09 PM
				JAMES MADISON PRIMARY
1608B25-023A	45-WF RM 23-FD	8/4/2016 9:00:00 AM		
	45		Analysis	1.2
Distribution			Time	8/16/2016 9:42:03 PM
				JAMES MADISON PRIMARY
1608B25-024A	47-KITCHEN SINK-FD	8/4/2016 9:00:00 AM		
	47		Analysis	1.4
Distribution			Time	8/16/2016 9:56:41 PM
				JAMES MADISON PRIMARY
1608B25-025A	49-WF RM 22-FD	8/4/2016 9:00:00 AM		
	49		Analysis	< 1.0
Distribution			Time	8/16/2016 9:59:36 PM
				JAMES MADISON PRIMARY

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Sample Type : Potable Water

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Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B25-026A	51-WF RM 21-FD	8/4/2016 9:00:00 AM	ug/L	E200.8 : IOC
	51		15	
Distribution			Analysis	1.0
			Time	8/16/2016 10:02:31 PM
				JAMES MADISON PRIMARY
1608B25-027A	53-WF RM 20-FD	8/4/2016 9:00:00 AM	1.2	
	53		Analysis	8/16/2016 10:05:27 PM
Distribution			Time	
				JAMES MADISON PRIMARY
1608B25-028A	55-WF RM 19-FD	8/4/2016 9:00:00 AM	< 1.0	
	55		Analysis	8/16/2016 10:08:21 PM
Distribution			Time	
				JAMES MADISON PRIMARY
1608B25-029A	57-WF RM 10-FD	8/4/2016 9:00:00 AM	5.2	
	57		Analysis	8/16/2016 10:11:15 PM
Distribution			Time	
				JAMES MADISON PRIMARY
1608B25-030A	59-WF RM 9-FD	8/4/2016 9:00:00 AM	3.1	
	59		Analysis	8/16/2016 10:14:09 PM
Distribution			Time	
				JAMES MADISON PRIMARY

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Sample Type : Potable Water

CC

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Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
			ug/L	
			E200.8 : IOC	
			15	
1608B25-031A	61-CUSTODIAN SINK-FD	8/4/2016 9:00:00 AM		
	61		Analysis	2.9
Distribution			Time	8/16/2016 10:17:03 PM
				JAMES MADISON PRIMARY
1608B25-032A	63-WF RM 18-FD	8/4/2016 9:00:00 AM		
	63		Analysis	3.4
Distribution			Time	8/16/2016 10:31:41 PM
				JAMES MADISON PRIMARY
1608B25-033A	65-WF RM 17-FD	8/4/2016 9:00:00 AM		
	65		Analysis	1.4
Distribution			Time	8/16/2016 10:34:36 PM
				JAMES MADISON PRIMARY
1608B25-034A	67-WF RM 12-FD	8/4/2016 9:00:00 AM		
	67		Analysis	1.3
Distribution			Time	8/16/2016 10:37:32 PM
				JAMES MADISON PRIMARY
1608B25-035A	02-FACULTY ROOM SINK-	8/4/2016 9:00:00 AM		
	2		Analysis	6.1
Distribution			Time	8/18/2016 11:57:29 PM
				JAMES MADISON PRIMARY

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			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B25-036A	04-WF RM 8-FL	8/4/2016 9:00:00 AM	ug/L	E200.8 : IOC
	4		15	
Distribution				
			Analysis	< 1.0
			Time	8/19/2016 12:00:22 AM
				JAMES MADISON PRIMARY
1608B25-037A	06-WF RM 11-FL	8/4/2016 9:00:00 AM		
	6		Analysis	< 1.0
Distribution			Time	8/19/2016 12:15:04 AM
				JAMES MADISON PRIMARY
1608B25-038A	08-WF RM 5-FL	8/4/2016 9:00:00 AM		
	8		Analysis	< 1.0
Distribution			Time	8/19/2016 12:17:58 AM
				JAMES MADISON PRIMARY
1608B25-039A	10-WF RM 6-FL	8/4/2016 9:00:00 AM		
	10		Analysis	< 1.0
Distribution			Time	8/19/2016 12:20:54 AM
				JAMES MADISON PRIMARY
1608B25-040A	12-WF RM 7-FL	8/4/2016 9:00:00 AM		
	12		Analysis	< 1.0
Distribution			Time	8/19/2016 12:23:48 AM
				JAMES MADISON PRIMARY

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			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
			ug/L	
			E200.8 : IOC	
			15	
1608B25-041A	14-WF RM 13-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	14		Time	8/19/2016 12:26:43 AM
Distribution				JAMES MADISON PRIMARY
1608B25-042A	16-WF RM 14-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	16		Time	8/19/2016 12:29:38 AM
Distribution				JAMES MADISON PRIMARY
1608B25-043A	18-WF RM 15-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	18		Time	8/19/2016 12:32:31 AM
Distribution				JAMES MADISON PRIMARY
1608B25-044A	20-WF RM 16-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	20		Time	8/19/2016 12:35:28 AM
Distribution				JAMES MADISON PRIMARY
1608B25-045A	22-WF NEAR RM 4-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	22		Time	8/19/2016 12:50:11 AM
Distribution				JAMES MADISON PRIMARY

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			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
			ug/L	
			E200.8 : IOC	
			15	
1608B25-046A	24-WF RM 4-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	24		Time	8/19/2016 12:53:07 AM
Distribution				JAMES MADISON PRIMARY
1608B25-047A	26-WF RM 3-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	26		Time	8/19/2016 12:56:03 AM
Distribution				JAMES MADISON PRIMARY
1608B25-048A	28-MAIN OFFICE SINK-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	28		Time	8/19/2016 12:58:58 AM
Distribution				JAMES MADISON PRIMARY
1608B25-049A	30-NURSES OFFICE SINK	8/4/2016 9:00:00 AM	Analysis	< 1.0
	30		Time	8/19/2016 1:01:55 AM
Distribution				JAMES MADISON PRIMARY
1608B25-050A	32-WF RM 28-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	32		Time	8/19/2016 1:04:50 AM
Distribution				JAMES MADISON PRIMARY

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			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
			ug/L	
			E200.8 : IOC	
			15	
1608B25-051A	34-WF RM 27-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	34		Time	8/19/2016 1:07:44 AM
Distribution				JAMES MADISON PRIMARY
1608B25-052A	36-WF NEAR RM 27-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	36		Time	8/19/2016 1:10:38 AM
Distribution				JAMES MADISON PRIMARY
1608B25-053A	38-WF RM 26-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	38		Time	8/19/2016 2:10:26 AM
Distribution				JAMES MADISON PRIMARY
1608B25-054A	40-WF RM 25-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	40		Time	8/19/2016 2:13:21 AM
Distribution				JAMES MADISON PRIMARY
1608B25-055A	42-WF RM 24-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	42		Time	8/19/2016 2:16:16 AM
Distribution				JAMES MADISON PRIMARY

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Date Reported : 8/20/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B25-056A	44-LIBRARY SINK-FL	8/4/2016 9:00:00 AM	ug/L	E200.8 : IOC
	44		15	
Distribution				
			Analysis	< 1.0
			Time	8/19/2016 2:19:11 AM
				JAMES MADISON PRIMARY
1608B25-057A	46-WF RM 23-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	46		Time	8/19/2016 2:22:06 AM
Distribution				JAMES MADISON PRIMARY
1608B25-058A	48-KITCHEN SINK-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	48		Time	8/19/2016 2:25:02 AM
Distribution				JAMES MADISON PRIMARY
1608B25-059A	50-WF RM 22-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	50		Time	8/19/2016 2:27:57 AM
Distribution				JAMES MADISON PRIMARY
1608B25-060A	52-WF RM 21-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	52		Time	8/19/2016 2:30:52 AM
Distribution				JAMES MADISON PRIMARY

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit noted.

+ = ELAP / NELAC does not offer certification for this analyte

Treatments:

A = Air Stripper Tower G = Granular Activated Carbon
 FM = Iron/Manganese Removal
 N = Nitrate Removal O = Other

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Elizabeth Harrison

Project Manager



LABORATORY RESULTS

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests requested.

Omega Environmental Services

280 Huyler Street

South Hackensack, NJ 07606

Attn To : Michael Levay

Federal ID :

Copies To :

Received : 08/10/16 9:33 AM

Collected By : CLIENT

Sample Type : Potable Water

CC

Date Reported : 8/20/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
			ug/L	
			E200.8 : IOC	
			15	
1608B25-061A	54-WF RM 20-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	54		Time	8/19/2016 2:45:33 AM
Distribution				JAMES MADISON PRIMARY
1608B25-062A	56-WF RM 19-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	56		Time	8/19/2016 2:48:28 AM
Distribution				JAMES MADISON PRIMARY
1608B25-063A	58-WF RM 10-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	58		Time	8/19/2016 2:51:23 AM
Distribution				JAMES MADISON PRIMARY
1608B25-064A	60-WF RM 9-FL	8/4/2016 9:00:00 AM	Analysis	1.3
	60		Time	8/19/2016 2:54:18 AM
Distribution				JAMES MADISON PRIMARY
1608B25-065A	62-CUSTODIAN SINK-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	62		Time	8/19/2016 2:57:14 AM
Distribution				JAMES MADISON PRIMARY

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit noted.

+ = ELAP / NELAC does not offer certification for this analyte

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Elizabeth Harrison

Project Manager



LABORATORY RESULTS
Results for the samples and analytes requested
The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests requested.

Omega Environmental Services

280 Huyler Street

South Hackensack, NJ 07606

Attn To : Michael Levay

Federal ID :

Copies To :

Received : 08/10/16 9:33 AM

Collected By : CLIENT

Sample Type : Potable Water

CC

Date Reported : 8/20/2016

Lab Number	Location	Collected	Lead	
			Units	ug/L
			Method	E200.8 : IOC
			Limits	15
1608B25-066A	64-WF RM 18-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	64		Time	8/19/2016 3:00:09 AM
Distribution				JAMES MADISON PRIMARY
1608B25-067A	66-WF RM 17-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	66		Time	8/19/2016 3:03:03 AM
Distribution				JAMES MADISON PRIMARY
1608B25-068A	68-WF RM 12-FL	8/4/2016 9:00:00 AM	Analysis	< 1.0
	68		Time	8/19/2016 3:06:00 AM
Distribution				JAMES MADISON PRIMARY

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit noted.
+ = ELAP / NELAC does not offer certification for this analyte

Treatments:

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unless otherwise noted.

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Elizabeth Harrison

Project Manager



PACE ANALYTICAL
575 Broad Hollow Road
Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
Website: www.pacelabs.com

Sample Receipt Checklist

Client Name **OES**

Date and Time Received: **8/10/2016 9:33:00 AM**

Work Order Number: **1608B25**

RcptNo: **1**

Received by: **Linda Siciliano**

Completed by: *Linda Siciliano*

Reviewed by: *Elizabeth Harrison*

Completed Date: 8/10/2016 9:45:47 PM

Reviewed Date: 8/15/2016 2:17:08 PM

Carrier name: FedEx

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Are matrices correctly identified on Chain of custody?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Is it clear what analyses were requested?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Were correct preservatives used and noted?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	
Preservative added to bottles:				
Sample Condition?	Intact <input checked="" type="checkbox"/>	Broken <input type="checkbox"/>	Leaking <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Were container labels complete (ID, Pres, Date)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Was an attempt made to cool the samples?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
All samples received at a temp. of > 0° C to 6.0° C?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Response when temperature is outside of range:				
Sample Temp. taken and recorded upon receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	To ° <input type="checkbox"/>	
Water - Were bubbles absent in VOC vials?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No Vials <input checked="" type="checkbox"/>	
Water - Was there Chlorine Present?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No Water <input type="checkbox"/>	
Are Samples considered acceptable?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Custody Seals present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
Airbill or Sticker?	Air Bill <input checked="" type="checkbox"/>	Sticker <input type="checkbox"/>	Not Present <input type="checkbox"/>	
Airbill No:	783780660313			

Case Number:

SDG:

SAS:

Any No response should be detailed in the comments section below, if applicable.

Client Contacted? ☐ Yes ☐ No ☒ NA Person Contacted:
Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:
Client Instructions:
Date Contacted: Contacted By:
Regarding:
Comments:
CorrectiveAction:

WorkOrder :
1608B25

Certifications

STATE	CERTIFICATION #
NEW YORK	10478
NEW JERSEY	NY158
CONNECTICUT	PH-0435
MARYLAND	208
MASSACHUSETTS	M-NY026
NEW HAMPSHIRE	2987
RHODE ISLAND	LAO00340
PENNSYLVANIA	68-00350