



LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR: Tom Wiggins
South Plainfield Township Board of Education
165 Jackson Avenue
South Plainfield, NJ 07080

SITE INVESTIGATED: Riley Elementary
100 Morris Avenue
South Plainfield, NJ 07080

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

**INVESTIGATION
CONDUCTED:** 11/11/16

DATE OF REPORT: 12/12/16

(Omega Project # 16-27004D)

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EXECUTIVE SUMMARY:

The South Plainfield Township Board of Education requested lead in water testing of potable water outlets at Riley Elementary School, 100 Morris Avenue, South Plainfield, NJ 07080.

Previous Testing

No information related to previous testing was available.

Recent Testing (11/11/16)

In order to assess the building water outlets a full testing of all potable outlets was performed on November 11, 2016.

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

First draw and flush samples (30 second) were collected of 20 water fountains and sinks.

All results were below the Lead and Copper action level of 15 ppb.

See Section 3 Discussion of Results

1 RESULTS TABLE:

Sample #	Location	1st draw (FD) or flush (FL)	Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
1	Kitchen Faucet	FD	<1.0	15
2	Drinking Water at Stage (L)	FD	<1.0	15
3	Drinking Water at Stage (R)	FD	1.2	15
4	Water Cooler at Room 22	FD	<1.0	15
5	Drinking Water at Room 16 (L)	FD	<1.0	15
6	Drinking Water	FD	1.1	15
7	Drinking Water at Room 24 (L)	FD	<1.0	15
8	Drinking Water at Room 24 (R)	FD	2.1	15
9	Nurse's Office Sink	FD	<1.0	15
10	Nurse's Lavatory Sink	FD	<1.0	15
11	Water Cooler at Main Entrance	FD	<1.0	15
12	Drinking Water Room 1	FD	<1.0	15
13	Lavatory Sink Main Office	FD	1.5	15
14	Drinking Water Room 8	FD	<1.0	15
15	Drinking Water Room 2	FD	<1.0	15
16	Drinking Water Room 3	FD	<1.0	15
17	Drinking Water Room 4	FD	<1.0	15
18	Drinking Water Room 5	FD	<1.0	15
19	Drinking Water Room 6	FD	<1.0	15
20	Drinking Water Room 7A	FD	<1.0	15
21	Field Blank	Field Blank	<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:

All lead in water results were below the EPA Lead and Copper action level of 15 ppb. No analysis was performed for copper in water.

4 RECOMMENDATIONS:

Short term:

- No further action is recommended in regards to outlets test

Long Term:

- 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.

A. Lead in Water Laboratory Reports

November 29, 2016

Emma Moody
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

RE: Project: SP BOE RILEY SCHOOL 16-27004D
Pace Project No.: 705048

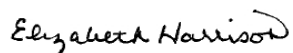
Dear Emma Moody:

Enclosed are the analytical results for sample(s) received by the laboratory on November 12, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Samples, in the electronic data deliverable (EDD) that accompanied this report, were flagged yellow if they exceeded the NYSDOH 15 ppb action level.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Elizabeth Harrison
betty.harrison@pacelabs.com
Project Manager

Enclosures

cc: David Ekstrand, Omega Environmental Services
Michael Levay, Omega Environmental Services
Ray, Omega Environmental Services
Reports
Reports, Omega Environmental Services



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: SP BOE RILEY SCHOOL 16-27004D

Pace Project No.: 705048

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

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SAMPLE SUMMARY

Project: SP BOE RILEY SCHOOL 16-27004D

Pace Project No.: 705048

Lab ID	Sample ID	Matrix	Date Collected	Date Received
705048001	1-KF-KITCHEN-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048002	2-DW-@STAGE (L)-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048003	3-DW-@STAGE(R)-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048004	4-WC-@ROOM22-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048005	5-DW-@ROOM16(L)-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048006	6-DW-@ROOM16(R)-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048007	7-DW-@ROOM24(L)-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048008	8-DW-@ROOM24(R)-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048009	9-NS-NURSE'S OFFICE-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048010	10-NS-NURSE LAVATORY-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048011	11-WC-@MAIN ENTRANCE-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048012	12-DW-ROOM 1-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048013	13-TL-MAIN OFFICE-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048014	14-DW-ROOM8-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048015	15-DW-ROOM2-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048016	16-DW-ROOM3-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048017	17-DW-ROOM4-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048018	18-DW-ROOM5-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048019	19-DW-ROOM6-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048020	20-DW-ROOM7A-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
705048021	21-FIELD BLANK	Drinking Water	11/11/16 06:30	11/12/16 10:00

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SAMPLE ANALYTE COUNT

Project: SP BOE RILEY SCHOOL 16-27004D

Pace Project No.: 705048

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
705048001	1-KF-KITCHEN-FD	EPA 200.8	AEG	1	PACE-MV
705048002	2-DW-@STAGE (L)-FD	EPA 200.8	AEG	1	PACE-MV
705048003	3-DW-@STAGE(R)-FD	EPA 200.8	AEG	1	PACE-MV
705048004	4-WC-@ROOM22-FD	EPA 200.8	AEG	1	PACE-MV
705048005	5-DW-@ROOM16(L)-FD	EPA 200.8	AEG	1	PACE-MV
705048006	6-DW-@ROOM16(R)-FD	EPA 200.8	AEG	1	PACE-MV
705048007	7-DW-@ROOM24(L)-FD	EPA 200.8	AEG	1	PACE-MV
705048008	8-DW-@ROOM24(R)-FD	EPA 200.8	AEG	1	PACE-MV
705048009	9-NS-NURSE'S OFFICE-FD	EPA 200.8	AEG	1	PACE-MV
705048010	10-NS-NURSE LAVATORY-FD	EPA 200.8	AEG	1	PACE-MV
705048011	11-WC-@MAIN ENTRANCE-FD	EPA 200.8	AEG	1	PACE-MV
705048012	12-DW-ROOM 1-FD	EPA 200.8	AEG	1	PACE-MV
705048013	13-TL-MAIN OFFICE-FD	EPA 200.8	AEG	1	PACE-MV
705048014	14-DW-ROOM8-FD	EPA 200.8	AEG	1	PACE-MV
705048015	15-DW-ROOM2-FD	EPA 200.8	AEG	1	PACE-MV
705048016	16-DW-ROOM3-FD	EPA 200.8	AEG	1	PACE-MV
705048017	17-DW-ROOM4-FD	EPA 200.8	AEG	1	PACE-MV
705048018	18-DW-ROOM5-FD	EPA 200.8	AEG	1	PACE-MV
705048019	19-DW-ROOM6-FD	EPA 200.8	AEG	1	PACE-MV
705048020	20-DW-ROOM7A-FD	EPA 200.8	AEG	1	PACE-MV
705048021	21-FIELD BLANK	EPA 200.8	AEG	1	PACE-MV

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ANALYTICAL RESULTS

Project: SP BOE RILEY SCHOOL 16-27004D

Pace Project No.: 705048

Sample:	Lab ID:	Collected:	Received:	Matrix:				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: 1-KF-KITCHEN-FD	Lab ID: 705048001	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		11/22/16 18:24	7439-92-1	
Sample: 2-DW-@STAGE (L)-FD	Lab ID: 705048002	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		11/22/16 18:35	7439-92-1	
Sample: 3-DW-@STAGE(R)-FD	Lab ID: 705048003	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	1.2	ug/L	1.0	1		11/22/16 18:38	7439-92-1	
Sample: 4-WC-@ROOM22-FD	Lab ID: 705048004	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		11/22/16 18:41	7439-92-1	
Sample: 5-DW-@ROOM16(L)-FD	Lab ID: 705048005	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		11/22/16 18:44	7439-92-1	
Sample: 6-DW-@ROOM16(R)-FD	Lab ID: 705048006	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	1.1	ug/L	1.0	1		11/22/16 18:53	7439-92-1	

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ANALYTICAL RESULTS

Project: SP BOE RILEY SCHOOL 16-27004D

Pace Project No.: 705048

Sample	Lab ID	Collected	Received	Matrix	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: 7-DW-@ROOM24(L)-FD	Lab ID: 705048007	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water									
					200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
					Lead	<1.0	ug/L	1.0	1		11/22/16 18:56	7439-92-1	
Sample: 8-DW-@ROOM24(R)-FD	Lab ID: 705048008	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water									
					200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
					Lead	2.1	ug/L	1.0	1		11/22/16 18:59	7439-92-1	
Sample: 9-NS-NURSE'S OFFICE-FD	Lab ID: 705048009	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water									
					200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
					Lead	<1.0	ug/L	1.0	1		11/22/16 19:02	7439-92-1	
Sample: 10-NS-NURSE LAVATORY-FD	Lab ID: 705048010	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water									
					200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
					Lead	<1.0	ug/L	1.0	1		11/22/16 19:04	7439-92-1	
Sample: 11-WC-@MAIN ENTRANCE-FD	Lab ID: 705048011	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water									
					200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
					Lead	<1.0	ug/L	1.0	1		11/22/16 19:07	7439-92-1	
Sample: 12-DW-ROOM 1-FD	Lab ID: 705048012	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water									
					200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
					Lead	<1.0	ug/L	1.0	1		11/22/16 19:10	7439-92-1	

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ANALYTICAL RESULTS

Project: SP BOE RILEY SCHOOL 16-27004D
Pace Project No.: 705048

Sample: 13-TL-MAIN OFFICE-FD	Lab ID: 705048013	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	1.5	ug/L	1.0	1		11/22/16 19:13	7439-92-1	
Sample: 14-DW-ROOM8-FD	Lab ID: 705048014	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		11/22/16 19:16	7439-92-1	
Sample: 15-DW-ROOM2-FD	Lab ID: 705048015	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		11/22/16 19:19	7439-92-1	
Sample: 16-DW-ROOM3-FD	Lab ID: 705048016	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		11/22/16 19:28	7439-92-1	
Sample: 17-DW-ROOM4-FD	Lab ID: 705048017	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		11/22/16 19:31	7439-92-1	
Sample: 18-DW-ROOM5-FD	Lab ID: 705048018	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		11/22/16 19:34	7439-92-1	

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ANALYTICAL RESULTS

Project: SP BOE RILEY SCHOOL 16-27004D
Pace Project No.: 705048

Sample: 19-DW-ROOM6-FD		Lab ID: 705048019	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

200.8 MET ICPMS Drinking Water Analytical Method: EPA 200.8

Lead	<1.0	ug/L	1.0	1		11/22/16 19:37	7439-92-1	
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Sample: 20-DW-ROOM7A-FD		Lab ID: 705048020	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

200.8 MET ICPMS Drinking Water Analytical Method: EPA 200.8

Lead	<1.0	ug/L	1.0	1		11/22/16 19:40	7439-92-1	
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Sample: 21-FIELD BLANK		Lab ID: 705048021	Collected: 11/11/16 06:30	Received: 11/12/16 10:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

200.8 MET ICPMS Drinking Water Analytical Method: EPA 200.8

Lead	<1.0	ug/L	1.0	1		11/22/16 19:48	7439-92-1	
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SP BOE RILEY SCHOOL 16-27004D

Pace Project No.: 705048

QC Batch: 4798 Analysis Method: EPA 200.8
 QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
 Associated Lab Samples: 705048001, 705048002, 705048003, 705048004, 705048005, 705048006, 705048007, 705048008, 705048009, 705048010, 705048011, 705048012, 705048013, 705048014, 705048015, 705048016, 705048017, 705048018, 705048019, 705048020

METHOD BLANK: 24633 Matrix: Water
 Associated Lab Samples: 705048001, 705048002, 705048003, 705048004, 705048005, 705048006, 705048007, 705048008, 705048009, 705048010, 705048011, 705048012, 705048013, 705048014, 705048015, 705048016, 705048017, 705048018, 705048019, 705048020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/22/16 18:18	

LABORATORY CONTROL SAMPLE: 24634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	47.9	96	85-115	

MATRIX SPIKE SAMPLE: 24637

Parameter	Units	705048001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	3.4	120	70-130	

SAMPLE DUPLICATE: 24636

Parameter	Units	705048001 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SP BOE RILEY SCHOOL 16-27004D
Pace Project No.: 705048

QC Batch: 5256 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 705048021

METHOD BLANK: 26926 Matrix: Water
Associated Lab Samples: 705048021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/22/16 19:42	

LABORATORY CONTROL SAMPLE: 26927

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	48.5	97	85-115	

MATRIX SPIKE SAMPLE: 26929

Parameter	Units	705048021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.5	126	70-130	

SAMPLE DUPLICATE: 26928

Parameter	Units	705048021 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: SP BOE RILEY SCHOOL 16-27004D

Pace Project No.: 705048

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PACE-MV Pace Analytical Services - Melville

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SP BOE RILEY SCHOOL 16-27004D

Pace Project No.: 705048

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
705048001	1-KF-KITCHEN-FD	EPA 200.8	4798		
705048002	2-DW-@STAGE (L)-FD	EPA 200.8	4798		
705048003	3-DW-@STAGE(R)-FD	EPA 200.8	4798		
705048004	4-WC-@ROOM22-FD	EPA 200.8	4798		
705048005	5-DW-@ROOM16(L)-FD	EPA 200.8	4798		
705048006	6-DW-@ROOM16(R)-FD	EPA 200.8	4798		
705048007	7-DW-@ROOM24(L)-FD	EPA 200.8	4798		
705048008	8-DW-@ROOM24(R)-FD	EPA 200.8	4798		
705048009	9-NS-NURSE'S OFFICE-FD	EPA 200.8	4798		
705048010	10-NS-NURSE LAVATORY-FD	EPA 200.8	4798		
705048011	11-WC-@MAIN ENTRANCE-FD	EPA 200.8	4798		
705048012	12-DW-ROOM 1-FD	EPA 200.8	4798		
705048013	13-TL-MAIN OFFICE-FD	EPA 200.8	4798		
705048014	14-DW-ROOM8-FD	EPA 200.8	4798		
705048015	15-DW-ROOM2-FD	EPA 200.8	4798		
705048016	16-DW-ROOM3-FD	EPA 200.8	4798		
705048017	17-DW-ROOM4-FD	EPA 200.8	4798		
705048018	18-DW-ROOM5-FD	EPA 200.8	4798		
705048019	19-DW-ROOM6-FD	EPA 200.8	4798		
705048020	20-DW-ROOM7A-FD	EPA 200.8	4798		
705048021	21-FIELD BLANK	EPA 200.8	5256		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

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WO#: 705048



Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Omega Environmental		Report To: Michael Levy		Attention: Accts Payable	
Address: 280 Huyler Street		Copy To: mike@omega-env.com		Company Name: Omega Environmental	
Email To: lab@omega-env.com		lab@omega-env.com		Address: 280 Huyler Street	
Phone: 201.489.8700		Purchase Order No.:		Pace Quote Reference	
Requested Due Date/TAT: 5 Day/Tat		Project Name: SP BOE Riley School		Pace Project Manager:	
		Project Number: 16-27004D		Pace Profile #	
REGULATORY AGENCY			NPDES GROUND WATER X DRINKING WATER		
UST RCRA			OTI: _____		
Site Location STATE: NJ			Requested Analysis Filtered (Y/N)		

ITEM #	Section D Required Client Information	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	Lead in Water	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
				COMPOSITE START	COMPOSITE END/GRAB			H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other							
1	Kitchen	DW G	G	11/11/16	6:36		1	X													
2	@Stage(L)	DW G	G				1	X													
3	@Stage(R)	DW G	G				1	X													
4	@Room 22	DW G	G				1	X													
5	@Room 16(L)	DW G	G				1	X													
6	@Room 16(R)	DW G	G				1	X													
7	@Room 24(L)	DW G	G				1	X													
8	@Room 24(R)	DW G	G				1	X													
9	Nurse's Office	DW G	G				1	X													
10	Nurse Lavatory	DW G	G				1	X													
11	@ Main Entrance	DW G	G				1	X													
12	Room 1	DW G	G				1	X													

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS
			SIGNATURE	DATE			
<i>[Signature]</i>	11/11/16	10:00	<i>[Signature]</i>		11/11/16	10:00	
<i>[Signature]</i>	11/11/16	11:00	<i>[Signature]</i>		11/12/16	10:00	Box 1

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: *[Signature]* Omega Environmental
DATE Signed (MM/DD/YYYY): 11/11/16

SIGNATURE of SAMPLER: *[Signature]*

Temp in °C _____

Received on _____

Sealed Cooler _____

Samples Intact (Y/N) _____

CHAIN-OF-CUSTODY / Analytical Request Document



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

Page: 2 of 2

Section A Required Client Information: Company: Omega Environmental Address: 280 Huyler Street South Hackensack, NJ 07606 Email To: lab@omega-env.com Phone: 201.485.8700 Requested Due Date/TAT: 5 Day Tat	Section B Required Project Information: Report To: Michael Levey Copy To: mikel@omega-env.com lab@omega-env.com Purchase Order No.: Project Name: SP BOE Riley School Project Number: 16-27004D	Section C Invoice Information: Attention: Accts Payable Company Name: Omega Environmental Address: 280 Huyler Street Pace Quote Reference: Pace Project Manager: Pace Profile #:	REGULATORY AGENCY NPDES GROUND WATER X DRINKING WATER UST RCRA OTI: Site Location STATE: NJ
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ITEM #	Section D	Valid Matrix Codes MATRIX	Required Client Information	SAMPLE ID (A-Z, 0-9 / .)	UNIQUE Sample IDs MUST BE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Requested Analysis Filtered (Y/N)						Temp in °C	Received on Ice (Y/N)	Custody Sealed	Samples Intact (Y/N)																				
						COMPOSITE START	COMPOSITE END/GRAB								# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH					Na ₂ S ₂ O ₈	Methanol	Other	Lead in Water	Residual Chlorine (Y/N)															
1	13 TL		Main Office	FD				DW G									X																											
2	14 DW		Room 8	FD				DW G									X																											
3	15 DW		Room 2	FD				DW G									X																											
4	16 DW		Room 3	FD				DW G									X																											
5	17 DW		Room 4	FD				DW G									X																											
6	18 DW		Room 5	FD				DW G									X																											
7	19 DW		Room 6	FD				DW G									X																											
8	20 DW		Room 7A	FD				DW G									X																											
9	21		0 Field Blank	0				DW G									X																											
10	22		0	0				DW G									X																											
11	23		0	0				DW G									X																											
12	24		0	0				DW G									X																											
ADDITIONAL COMMENTS																																												

SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: Kyle Brown SIGNATURE of SAMPLER: <i>[Signature]</i> (MM/DD/YYYY): 11/11/16		Omega Environmental	
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WO#: 705048

PM: EMH Due Date: 11/21/16
CLIENT: OES

Sample Condition Upon Receipt



Client Name: OES

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: 7846 2054 6370

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other Box

Thermometer Used: TH077 TH078 Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature: _____

Date and Initials of person examining contents: 11/21/16 LSP

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix SL <u>WT</u> OIL		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed:
		Lot # of added preservative:
Exceptions: VOA, micro, TOC, O&G		Date and Time preservative added:
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____