



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: John F. Kennedy School
2900 Norwood 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 # 16-27004C)

TABLE OF CONTENTS

EXECUTIVE SUMMARY/PROJECT OVERVIEW

- 1. RESULTS TABLE**
- 2. SAMPLING METHODOLOGY**
- 3. DISCUSSION OF RESULTS**
- 4. RECOMMENDATIONS**

Appendices:

A. Laboratory Analytical Reports

EXECUTIVE SUMMARY:

The South Plainfield Township Board of Education requested lead in water testing of potable water outlets at John F Kennedy School, 2900 Norwood 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 18 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	1 st draw (FD) or flush (FL)	Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
1	Kitchen Faucet	FD	<1.0	15
2	Water Cooler at Stage	FD	<1.0	15
3	Water Cooler at Room 22	FD	<1.0	15
4	Drinking Water at Room 16 (L)	FD	1.4	15
5	Drinking Water at Room 16 (R)	FD	Out of Order	15
6	Water Cooler at Room 24	FD	<1.0	15
7	Faculty Room Teacher's Sink	FD	1.4	15
8	Nurse's Lavatory Sink	FD	10.9	15
9	Nurse's Office Sink	FD	3.2	15
10	Water Cooler at Main Entrance	FD	<1.0	15
11	Drinking Water at Room 1	FD	1.1	15
12	Drinking Water at Room 2	FD	<1.0	15
13	Drinking Water at Room 8	FD	<1.0	15
14	Drinking Water at Room 3	FD	<1.0	15
15	Drinking Water at Room 4	FD	1.7	15
16	Drinking Water at Room 5	FD	1.1	15
17	Drinking Water at Room 7B	FD	<1.0	15
18	Drinking Water at Room 6	FD	<1.0	15
19	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 JFK SCHOOL 16-27004C
Pace Project No.: 704698

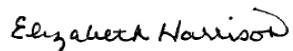
Dear Emma Moody:

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: SP BOE JFK SCHOOL 16-27004C

Pace Project No.: 704698

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: SP BOE JFK SCHOOL 16-27004C
Pace Project No.: 704698

Lab ID	Sample ID	Matrix	Date Collected	Date Received
704698001	1-KF-KITCHEN-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698002	2-WC-@STAGE-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698003	3-WC-@ROOM 22-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698004	4-DW-@ ROOM 16(L)-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698005	6-WC-@ROOM 24-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698006	7-TL-FACULTY ROOM-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698007	8-NS-NURSE LAVATORY-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698008	9-NS-NURSE OFFICE-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698009	10-WC-@MAIN ENTRANCE-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698010	11-DW-ROOM 1-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698011	12-DW-ROOM 2-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698012	13-DW-ROOM 8-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698013	14-DW-ROOM 3-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698014	15-DW-ROOM 4-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698015	16-DW-ROOM 5-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698016	17-DW-ROOM 7B-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698017	18-DW-ROOM 6-FD	Drinking Water	11/11/16 06:30	11/12/16 10:00
704698018	19-FIELD BLANK	Drinking Water	11/11/16 06:30	11/12/16 10:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: SP BOE JFK SCHOOL 16-27004C
Pace Project No.: 704698

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
704698001	1-KF-KITCHEN-FD	EPA 200.8	CAM	1	PACE-MV
704698002	2-WC-@STAGE-FD	EPA 200.8	CAM	1	PACE-MV
704698003	3-WC-@ROOM 22-FD	EPA 200.8	CAM	1	PACE-MV
704698004	4-DW-@ ROOM 16(L)-FD	EPA 200.8	CAM	1	PACE-MV
704698005	6-WC-@ROOM 24-FD	EPA 200.8	CAM	1	PACE-MV
704698006	7-TL-FACULTY ROOM-FD	EPA 200.8	CAM	1	PACE-MV
704698007	8-NS-NURSE LAVATORY-FD	EPA 200.8	CAM	1	PACE-MV
704698008	9-NS-NURSE OFFICE-FD	EPA 200.8	CAM	1	PACE-MV
704698009	10-WC-@MAIN ENTRANCE-FD	EPA 200.8	CAM	1	PACE-MV
704698010	11-DW-ROOM 1-FD	EPA 200.8	CAM	1	PACE-MV
704698011	12-DW-ROOM 2-FD	EPA 200.8	CAM	1	PACE-MV
704698012	13-DW-ROOM 8-FD	EPA 200.8	CAM	1	PACE-MV
704698013	14-DW-ROOM 3-FD	EPA 200.8	CAM	1	PACE-MV
704698014	15-DW-ROOM 4-FD	EPA 200.8	CAM	1	PACE-MV
704698015	16-DW-ROOM 5-FD	EPA 200.8	CAM	1	PACE-MV
704698016	17-DW-ROOM 7B-FD	EPA 200.8	CAM	1	PACE-MV
704698017	18-DW-ROOM 6-FD	EPA 200.8	CAM	1	PACE-MV
704698018	19-FIELD BLANK	EPA 200.8	CAM	1	PACE-MV

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: SP BOE JFK SCHOOL 16-27004C

Pace Project No.: 704698

Sample: 1-KF-KITCHEN-FD		Lab ID: 704698001	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		11/18/16 18:55	7439-92-1	
Sample: 2-WC-@STAGE-FD		Lab ID: 704698002	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		11/18/16 18:58	7439-92-1	
Sample: 3-WC-@ROOM 22-FD		Lab ID: 704698003	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		11/18/16 19:06	7439-92-1	
Sample: 4-DW-@ ROOM 16(L)-FD		Lab ID: 704698004	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	1.4	ug/L	1.0	1		11/18/16 19:09	7439-92-1	
Sample: 6-WC-@ROOM 24-FD		Lab ID: 704698005	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		11/18/16 19:12	7439-92-1	
Sample: 7-TL-FACULTY ROOM-FD		Lab ID: 704698006	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	1.4	ug/L	1.0	1		11/18/16 19:15	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: SP BOE JFK SCHOOL 16-27004C

Pace Project No.: 704698

Sample:	Lab ID:	Collected:	Received:	Matrix:				
Sample: 8-NS-NURSE LAVATORY-FD	Lab ID: 704698007	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	10.9	ug/L	1.0	1		11/18/16 19:18	7439-92-1	
Sample: 9-NS-NURSE OFFICE-FD	Lab ID: 704698008	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	3.2	ug/L	1.0	1		11/18/16 19:21	7439-92-1	
Sample: 10-WC-@MAIN ENTRANCE-FD	Lab ID: 704698009	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		11/18/16 19:24	7439-92-1	
Sample: 11-DW-ROOM 1-FD	Lab ID: 704698010	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	1.1	ug/L	1.0	1		11/18/16 19:27	7439-92-1	
Sample: 12-DW-ROOM 2-FD	Lab ID: 704698011	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		11/18/16 19:41	7439-92-1	
Sample: 13-DW-ROOM 8-FD	Lab ID: 704698012	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		11/18/16 19:50	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: SP BOE JFK SCHOOL 16-27004C

Pace Project No.: 704698

Sample: 14-DW-ROOM 3-FD		Lab ID: 704698013	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		11/18/16 19:53	7439-92-1	
Sample: 15-DW-ROOM 4-FD		Lab ID: 704698014	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	1.7	ug/L	1.0	1		11/18/16 19:56	7439-92-1	
Sample: 16-DW-ROOM 5-FD		Lab ID: 704698015	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	1.1	ug/L	1.0	1		11/18/16 19:59	7439-92-1	
Sample: 17-DW-ROOM 7B-FD		Lab ID: 704698016	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		11/18/16 20:02	7439-92-1	
Sample: 18-DW-ROOM 6-FD		Lab ID: 704698017	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		11/18/16 20:05	7439-92-1	
Sample: 19-FIELD BLANK		Lab ID: 704698018	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		11/18/16 20:08	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SP BOE JFK SCHOOL 16-27004C
Pace Project No.: 704698

QC Batch: 4443 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 704698001, 704698002, 704698003, 704698004, 704698005, 704698006, 704698007, 704698008, 704698009, 704698010

METHOD BLANK: 22409 Matrix: Water
Associated Lab Samples: 704698001, 704698002, 704698003, 704698004, 704698005, 704698006, 704698007, 704698008, 704698009, 704698010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/18/16 18:08	

LABORATORY CONTROL SAMPLE: 22410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	48.9	98	85-115	

MATRIX SPIKE SAMPLE: 22412

Parameter	Units	704404014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.8	131	70-130 M1	

SAMPLE DUPLICATE: 22411

Parameter	Units	704404014 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SP BOE JFK SCHOOL 16-27004C

Pace Project No.: 704698

QC Batch: 4444 Analysis Method: EPA 200.8
 QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
 Associated Lab Samples: 704698011, 704698012, 704698013, 704698014, 704698015, 704698016, 704698017, 704698018

METHOD BLANK: 22415 Matrix: Water
 Associated Lab Samples: 704698011, 704698012, 704698013, 704698014, 704698015, 704698016, 704698017, 704698018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/18/16 19:30	

LABORATORY CONTROL SAMPLE: 22416

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.2	98	85-115	

MATRIX SPIKE SAMPLE: 22418

Parameter	Units	704698011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.7	123	70-130	

SAMPLE DUPLICATE: 22417

Parameter	Units	704698011 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: SP BOE JFK SCHOOL 16-27004C

Pace Project No.: 704698

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

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SP BOE JFK SCHOOL 16-27004C

Pace Project No.: 704698

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
704698001	1-KF-KITCHEN-FD	EPA 200.8	4443		
704698002	2-WC-@STAGE-FD	EPA 200.8	4443		
704698003	3-WC-@ROOM 22-FD	EPA 200.8	4443		
704698004	4-DW-@ ROOM 16(L)-FD	EPA 200.8	4443		
704698005	6-WC-@ROOM 24-FD	EPA 200.8	4443		
704698006	7-TL-FACULTY ROOM-FD	EPA 200.8	4443		
704698007	8-NS-NURSE LAVATORY-FD	EPA 200.8	4443		
704698008	9-NS-NURSE OFFICE-FD	EPA 200.8	4443		
704698009	10-WC-@MAIN ENTRANCE-FD	EPA 200.8	4443		
704698010	11-DW-ROOM 1-FD	EPA 200.8	4443		
704698011	12-DW-ROOM 2-FD	EPA 200.8	4444		
704698012	13-DW-ROOM 8-FD	EPA 200.8	4444		
704698013	14-DW-ROOM 3-FD	EPA 200.8	4444		
704698014	15-DW-ROOM 4-FD	EPA 200.8	4444		
704698015	16-DW-ROOM 5-FD	EPA 200.8	4444		
704698016	17-DW-ROOM 7B-FD	EPA 200.8	4444		
704698017	18-DW-ROOM 6-FD	EPA 200.8	4444		
704698018	19-FIELD BLANK	EPA 200.8	4444		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

WO#: 704698



CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: Omega Environmental Address: 280 Huyler Street South Hackensack, NJ 07606 Email To: lab@omega-env.com Phone: 201.489.8700 Requested Due Date/TAT: 5 Day TAT		Section B Required Project Information: Report To: Michael Levy Copy To: mikel@omega-env.com lab@omega-env.com Purchase Order No.: Project Name: SP BOE JFK School Project Number: 16-27004C		Section C Invoice Information: Attention: Accts Payable Company Name: Omega Environmental Address: 280 Huyler Street Pace Quote Release Pace Project Manager: Pace Profile #:	
Regulatory Agency NPDES: GROUND WATER X DRINKING WATER UST: RCRA OTH:		Site Location STATE: NJ		Page: 1 of 2	

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 Unpreserved H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other	Analysis Test Lead in Water	Requested Analysis Filtered (Y/N)	Pace Project No./ Lab I.D.
				COMPOSITE START	COMPOSITE END/GRAB						
1	KF Kitchen	DW G	G	11/11/16 6:30	01/00/00		1				
2	WC @ Stage	DW G	G		01/00/00		1				
3	WC @ Room 22	DW G	G		01/00/00		1				
4	DW @ Room 16(L)	DW G	G		01/00/00		1				
5	DW @ Room 16(R)	DW G	G		01/00/00		1				
6	WC @ Room 24	DW G	G		01/00/00		1				
7	TL Faculty Room	DW G	G		01/00/00		1				
8	NS Nurse Lavatory	DW G	G		01/00/00		1				
9	NS Nurse Office	DW G	G		01/00/00		1				
10	WC @ Main Entrance	DW G	G		01/00/00		1				
11	DW Room 1	DW G	G		01/00/00		1				
12	DW Room 2	DW G	G		01/00/00		1				

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Kyle Brown	11/16/16	10:00	CPB	11/16/16	11:40	
CPB	11/16/16	14:00	CPB	11/16/16	10:00	Box N Y

Residual Chlorine (Y/N)		Temp in C	Received on	Custody	Sealed Cooler	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Kyle Brown
 SIGNATURE of SAMPLER: Kyle Brown
 DATE Signed (MM/DD/YYYY): 11/16/16
 Omega Environmental

7846 2054 6370

WO#: 704698

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

CHAIN-OF-CUSTODY / Analytical Request Docum

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



Page: 2 of 2

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company: Omega Environmental		Report To: Michael Levey		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.:		Site Location	
Requested Due Date/TAT: 5 Day Tat		Project Name: SP BOE JFK School		STATE: NJ	
		Project Number: 16-27004C			

ITEM #	Section D	Valid Matrix Codes MATRIX	Required Client Information	SAMPLE ID (A-Z, 0-9, /, -)	UNIQUE Sample IDs MUST BE	MATRIX CODR (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		# OF CONTAINERS	Preservatives HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
								COMPOSITE START	COMPOSITE END/GRAB						
ADDITIONAL COMMENTS															
1	13 DW		Room 8	FD		DW G	G	DATE: 11/16/16 TIME: 4:30	01/00/00	1					
2	14 DW		Room 3	FD		DW G	G		01/00/00	1					
3	15 DW		Room 4	FD		DW G	G		01/00/00	1					
4	16 DW		Room 5	FD		DW G	G		01/00/00	1					
5	17 DW		Room 7B	FD		DW G	G		01/00/00	1					
6	18 DW		Room 6	FD		DW G	G		01/00/00	1					
7	19		0	0		DW G	G		01/00/00	1					
8	20		0	0		DW G	G		01/00/00	1					
9	21		0	0		DW G	G		01/00/00	1					
10	22		0	0		DW G	G		01/00/00	1					
11	23		0	0		DW G	G		01/00/00	1					
12	24		0	0		DW G	G		01/00/00	1					
RELINQUISHED BY / AFFILIATION: Kyle Brown 11/16/16 10:00															
ACCEPTED BY / AFFILIATION: [Signature] 11/16/16 10:00															
RECEIVED ON: 11/16/16 10:00															
CUSTODY: BOX N															
TEMP IN °C:															
SAMPLES INTACT (Y/N):															

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER: Kyle Brown	Omega Environmental
SIGNATURE of SAMPLER: [Signature]	(MM/DD/YYYY): 11/16/16

7846 2054 G370



Sample Condition Upon Receipt

WO#: 704698
PM: EMH Due Date: 11/21/16
CLIENT: OES

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

Optional
Proj. Due Date
Proj. Name

1000

Cooler Temperature: _____

Date and Initials of person examining contents: 11/21/16 [Signature]

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 (WT) 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: _____