



LEAD IN POTABLE WATER SCREENING REPORT

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

SITE INVESTIGATED: Lincoln Elementary
53 Brookville Road
Edison, NJ 08817

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

**INVESTIGATION
CONDUCTED:** 7/29/16

DATE OF REPORT: 8/25/16

(Omega Project # 16-27002A)

TABLE OF CONTENTS

EXECUTIVE SUMMARY/PROJECT OVERVIEW

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

Appendices:

- A. Outlet Location Plan
- B. Laboratory Analytical Reports

EXECUTIVE SUMMARY:

The Board of Education Township of Edison requested lead in water testing of potable water outlets at Lincoln Elementary School, 53 Brookville Road, Edison, NJ 08817.

Previous Testing

No information related to previous testing was available.

Recent Testing (7/29/16)

In order to assess the building water outlets a full testing of all potable outlets was performed on July, 29, 2016.

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

First draw and flush samples (30 second) were collected of 25 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)
57	01	Water Fountain at Office	FD	1.5	15
57	02	Water Fountain at Office	FL	14	15
58	03	Water Fountain at Custodian	FD	14	15
58	04	Water Fountain at Custodian	FL	1.5	15
65	05	Nurse Sink	FD	4.2	15
65	06	Nurse Sink	FL	<1.0	15
29	07	Kitchen Faucet Kitchen	FD	1.9	15
29	08	Kitchen Faucet Kitchen	FL	<1.0	15
28	09	Water Fountain at Kitchen	FD	11	15
28	010	Water Fountain at Kitchen	FL	<1.0	15
01	011	Kitchen Faucet Faculty	FD	2.0	15
01	012	Kitchen Faucet Faculty	FL	<1.0	15
04	013	Water Fountain in 38	FD	3.8	15
04	014	Water Fountain in 38	FL	<1.0	15
05	015	Water Fountain in 37	FD	6.6	15

05	016	Water Fountain in 37	FL	<1.0	15
04A	017	Water Fountain at 38	FD	3.2	15
04A	018	Water Fountain at 38	FL	1.2	15
07	019	Water Fountain in 35	FD	6.1	15
07	020	Water Fountain in 35	FL	<1.0	15
06	021	Water Fountain in 36	FD	14	15
06	022	Water Fountain in 36	FL	<1.0	15
15	023	Water Fountain in 33	FD	7.9	15
15	024	Water Fountain in 33	FL	<1.0	15
08	025	Water Fountain in 34	FD	8.1	15
08	026	Water Fountain in 34	FL	2.6	15
17	027	Water Fountain in 31	FD	3.3	15
17	028	Water Fountain in 31	FL	<1.0	15
16	029	Water Fountain in 32	FD	8.3	15
16	030	Water Fountain in 32	FL	<1.0	15
20	031	Water Fountain in 29	FD	1.2	15
20	032	Water Fountain in 29	FL	<1.0	15
18	033	Water Fountain in 30	FD	2.8	15
18	034	Water Fountain in 30	FL	<1.0	15
19	035	Water Fountain at 30	FD	3.0	15
19	036	Water Fountain at 30	FL	1.7	15
23	037	Water Fountain in 28	FD	98	15
23	038	Water Fountain in 28	FL	4.9	15
24	039	Water Fountain in 27	FD	15	15
24	040	Water Fountain in 27	FL	<1.0	15
25	041	Water Fountain in 25	FD	3.0	15
25	042	Water Fountain in 25	FL	1.1	15
26	043	Water Fountain in 26	FD	10	15
26	044	Water Fountain in 26	FL	1.7	15
55	045	Water Fountain in 14	FD	68	15
55	046	Water Fountain in 14	FL	4.8	15
49	047	Water Fountain at 15	FD	3.9	15
49	048	Water Fountain at 15	FL	<1.0	15
41	049	Water Fountain at 23	FD	7.3	15
41	050	Water Fountain at 23	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:

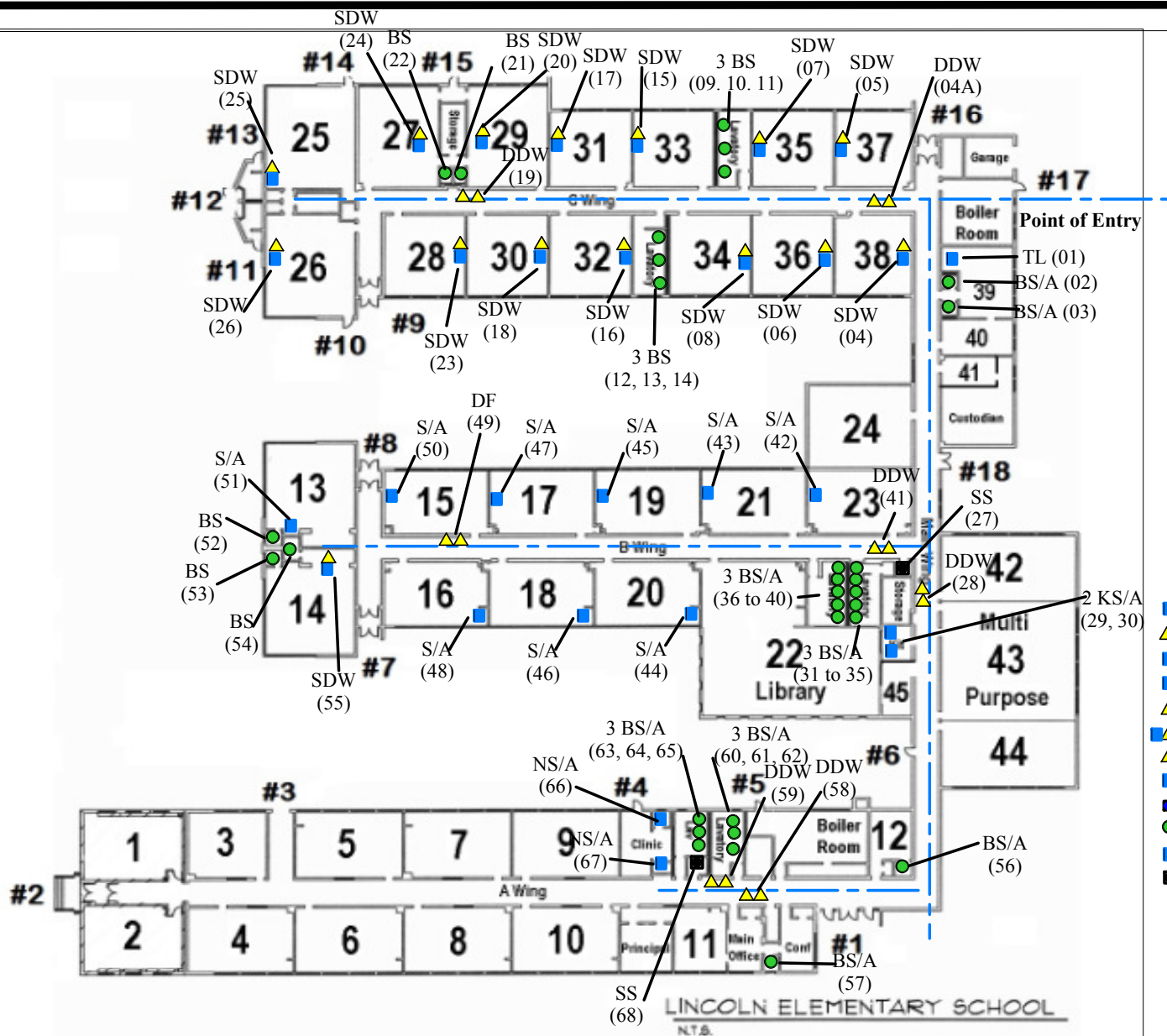
Short term:

- 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.

A. Outlet Location Plan



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. Distribution piping runs above ceiling tiles with laterals to each outlet.
2. Original building was constructed in 1951. A small additions (rooms 1, 2 and multi purpose room) were reportedly constructed in 1955. Areas circled are reported additions
3. Service pipe to building is reportedly copper.

Dwg. Title: Plumbing Schematic

Location: Lincoln Elementary School, Edison, NJ

Client: Edison Board of Education

OMEGA
ENVIRONMENTAL
SERVICES, INC.

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

Date: 8/23/16

Proj. # 16-27002A

Dwn. By: DSE

Dwg. # 27002A-01P

B. Laboratory Analytical Reports

CHAIN-OF-CUSTODY / Analytical Request Document

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

1608B23

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 Fax: _____ Requested Due Date/TAT: 5 Day Tat		Section B Required Project Information: Report To: Michael Levay Copy To: mikel@omega-env.com lab@omega-env.com Purchase Order No.: _____ Project Name: LINCOLN Project Number: 16-27002A		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 <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: NJ STATE: _____		Page: 1 of 5	

ITEM #	Section D Required Client Information	Valid Matrix Codes		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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		MATRIX	CODE			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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	DRINKING WATER	DW	DW	G						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

RELIQUISHED BY / AFFILIATION Michael Levay / Omega Env		DATE 7/21/16 2:30p	TIME 2:30p	ACCEPTED BY / AFFILIATION [Signature]	DATE 8/19/16	TIME 9:33	SAMPLE CONDITIONS Received on Ice (Y/N) <input checked="" type="checkbox"/> N Custody Sealed Cooler (Y/N) <input checked="" type="checkbox"/> N Samples Intact (Y/N) <input checked="" type="checkbox"/> N	
ADDITIONAL COMMENTS ANALYZE ALL SAMPLES: FD AREA FL								
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: [Signature] SIGNATURE of SAMPLER: [Signature]								

7837 8066 0313



CHAIN-OF-CUSTODY / Analytical Request Document

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

www.paceanlabs.com

Page: 2 of 5

Section A Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Omega Environmental		Report To: Michael Levay		Attention: Accts Payable	
Address: 280 Huyler Street		Copy To: mikel@omega-env.com		Company Name: Omega Environmental	
City: South Hackensack, NJ 07606		lab@omega-env.com		Address: 280 Huyler Street	
Phone: 201.489.8700		Purchase Order No.:		Pace Quote	
Fax:		Project Name: <u>WINLOW</u>		Reference:	
Requested Due Date/TAT: 5 Day Tat		Project Number: <u>16-27002A</u>		Pace Project Manager:	
				Pace Profile #:	
				Site Location	
				STATE: NJ	
				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	
				Residual Chlorine (Y/N)	
				Pace Project No./ Lab I.D.	
				Temp in °C	
				Received on	
				Custody Sealed	
				Samples Intact	

ITEM #	Valid Matrix Codes	Required Client Information	SAMPLE ID (A-Z, 0-9, /, -) Sample IDs MUST BE UNIQUE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test ↑ Y/N ↑	ACCEPTED BY / AFFILIATION	DATE	TIME	DATE	TIME	SAMPLE CONDITIONS
				COMPOSITE START	COMPOSITE END/GRAB										
1	DW	13A-WF IN 38-FD	DW G	DATE 10/16/16	TIME 9:00am	1	1	Unpreserved	X	Michael Levay	10/16/16	9:33			
2	DW	14A-WF IN 38-FD	DW G												
3	DW	15A-WF IN 38-FD	DW G												
4	DW	16A-WF IN 38-FD	DW G												
5	DW	17A-WF IN 38-FD	DW G												
6	DW	18A-WF IN 38-FD	DW G												
7	DW	19A-WF IN 38-FD	DW G												
8	DW	20A-WF IN 38-FD	DW G												
9	DW	21A-WF IN 38-FD	DW G												
10	DW	22A-WF IN 38-FD	DW G												
11	DW	23A-WF IN 38-FD	DW G												
12	DW	24A-WF IN 38-FD	DW G												

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME	
		Michael Levay / Omega Env		10/16/16		2:30		Michael Levay		10/16/16		9:33	

SAMPLER NAME AND SIGNATURE		DATE Signed (MM/DD/YY)	
Michael Levay		10/16/16	

PRINT Name of SAMPLER:		DATE Signed (MM/DD/YY)	
Michael Levay		10/16/16	

SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY)	
Michael Levay		10/16/16	

[illegible]

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.



CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 5

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Omega Environmental	Report To:	Michael Levay	Attention:	Accis Payable
Address:	280 Huyler Street	Copy To:	mikel@omega-env.com	Company Name:	Omega Environmental
	South Hackensack, NJ 07606		lab@omega-env.com	Address:	280 Huyler Street
Tel To:	lab@omega-env.com	Purchase Order No.:		Pace Quote	
Phone:	201.489.8700	Project Name:	LINDEN SUMMER	Reference:	
Requested Due Date/TAT:	5 Day Tat	Project Number:	16-27002A	Pace Project Manager:	
				Pace Profile #:	

ITEM #	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WASTE WATER WT PRODUCT P SOILSOLID SL OIL WP WIFE AR AIR OT TISSUE TS	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)	Temp in °C	Received on	Custody Sealed	Cooler (Y/N)	Samples Intact (Y/N)	
				COMPOSITE START	COMPOSITE END/GRAB											
1	37A - WFN 28 - FD	DW G		DATE 04/27/08	TIME 9:00am		1									
2	38A - WFN 28 - FL															
3	39A - WFN 28 - FD															
4	40A - WFN 28 - FL															
5	41A - WFN 28 - FD															
6	42A - WFN 28 - FL															
7	43A - WFN 28 - FD															
8	44A - WFN 28 - FL															
9	45A - WFN 28 - FD															
10	46A - WFN 28 - FL															
11	47A - WFN 28 - FD															
12	48A - WFN 28 - FL															

RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCERTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS									
Michael Levay / Omega Env		12/16/2008		2:30p		Michael Levay		8/10/10		9:33		N N N									
ADDITIONAL COMMENTS												Temp in °C		Received on		Custody Sealed		Cooler (Y/N)		Samples Intact (Y/N)	
SAMPLER NAME AND SIGNATURE												DATE Signed		DATE Signed		DATE Signed		DATE Signed		DATE Signed	
PRINT Name of SAMPLER:												MM/DD/YY:		MM/DD/YY:		MM/DD/YY:		MM/DD/YY:		MM/DD/YY:	
SIGNATURE of SAMPLER:												SIGNATURE of SAMPLER:		SIGNATURE of SAMPLER:		SIGNATURE of SAMPLER:		SIGNATURE of SAMPLER:		SIGNATURE of SAMPLER:	



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 : 8/17/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B23-001A	01A-WF@OFFICE-FD LINCOLN	7/29/2016 9:00:00 AM	ug/L E200.8 : IOC 15	1.5 8/16/2016 6:10:59 AM LINCOLN SCHOOL
Distribution				
1608B23-002A	02A-WF@OFFICE-FL	7/29/2016 9:00:00 AM		14 8/16/2016 6:25:24 AM LINCOLN SCHOOL
Distribution				
1608B23-003A	03A-WF@CUSTODIAN-F	7/29/2016 9:00:00 AM		14 8/16/2016 6:28:16 AM LINCOLN SCHOOL
Distribution				
1608B23-004A	04A-WF@CUSTODIAN-FL	7/29/2016 9:00:00 AM		1.5 8/16/2016 6:31:08 AM LINCOLN SCHOOL
Distribution				
1608B23-005A	05A-NURSE SINK-FD	7/29/2016 9:00:00 AM		4.2 8/16/2016 6:33:59 AM LINCOLN SCHOOL
Distribution				

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 : 8/17/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	ug/L
			<u>Method</u>	E200.8 : IOC
			<u>Limits</u>	15
1608B23-006A	06A-NURSE SINK-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
			Time	8/16/2016 6:36:51 AM
	Distribution			LINCOLN SCHOOL
1608B23-007A	07A-KF KITCHEN-FD	7/29/2016 9:00:00 AM	Analysis	1.9
			Time	8/16/2016 6:39:42 AM
	Distribution			LINCOLN SCHOOL
1608B23-008A	08A-KF KITCHEN-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
			Time	8/16/2016 6:42:32 AM
	Distribution			LINCOLN SCHOOL
1608B23-009A	09A-WF@KITCHEN-FD	7/29/2016 9:00:00 AM	Analysis	11
			Time	8/16/2016 6:45:23 AM
	Distribution			LINCOLN SCHOOL
1608B23-010A	10A-WF@KITCHEN-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
			Time	8/16/2016 6:59:46 AM
	Distribution			LINCOLN SCHOOL

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 : 8/17/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	ug/L
			<u>Method</u>	E200.8 : IOC
			<u>Limits</u>	15
1608B23-011A	11A-KF FACULTY-FD	7/29/2016 9:00:00 AM	Analysis	2.0
			Time	8/16/2016 7:02:37 AM
	Distribution			LINCOLN SCHOOL
1608B23-012A	12A-KF FACULTY-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
			Time	8/16/2016 7:05:30 AM
	Distribution			LINCOLN SCHOOL
1608B23-013A	13A-WF IN 38-FD	7/29/2016 9:00:00 AM	Analysis	3.8
			Time	8/16/2016 7:08:22 AM
	Distribution			LINCOLN SCHOOL
1608B23-014A	14A-WF IN 38-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
			Time	8/16/2016 7:11:13 AM
	Distribution			LINCOLN SCHOOL
1608B23-015A	15A-WF IN 37-FD	7/29/2016 9:00:00 AM	Analysis	6.6
			Time	8/16/2016 7:14:04 AM
	Distribution			LINCOLN SCHOOL

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 : 8/17/2016

Lab Number	Location	Collected	Units	Lead
			Method	ug/L
			Limits	E200.8 : IOC
1608B23-016A	16A-WF IN 37-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
Distribution			Time	8/16/2016 7:16:56 AM
				LINCOLN SCHOOL
1608B23-017A	17A-WF @ 38-FD	7/29/2016 9:00:00 AM	Analysis	3.2
Distribution			Time	8/16/2016 7:19:47 AM
				LINCOLN SCHOOL
1608B23-018A	18A-WF @ 38-FL	7/29/2016 9:00:00 AM	Analysis	1.2
Distribution			Time	8/16/2016 7:34:12 AM
				LINCOLN SCHOOL
1608B23-019A	19A-WF IN 35-FD	7/29/2016 9:00:00 AM	Analysis	6.1
Distribution			Time	8/16/2016 7:37:04 AM
				LINCOLN SCHOOL
1608B23-020A	20A-WF IN 35-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
Distribution			Time	8/16/2016 7:39:56 AM
				LINCOLN SCHOOL

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

Result(s) flagged with . Exceed NYSRegulatory 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.

Project Manager

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

Page 4 of 12



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 : 8/17/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B23-021A	21A-WF IN 36-FD	7/29/2016 9:00:00 AM	ug/L	E200.8 : IOC
			15	
			Analysis	14
			Time	8/16/2016 7:42:48 AM
Distribution				LINCOLN SCHOOL
1608B23-022A	22A-WF IN 36-FL	7/29/2016 9:00:00 AM		< 1.0
			Analysis	8/16/2016 7:45:40 AM
			Time	
Distribution				LINCOLN SCHOOL
1608B23-023A	23A-WF IN 33-FD	7/29/2016 9:00:00 AM		7.9
			Analysis	8/16/2016 7:48:32 AM
			Time	
Distribution				LINCOLN SCHOOL
1608B23-024A	24A-WF IN 33-FL	7/29/2016 9:00:00 AM		< 1.0
			Analysis	8/16/2016 7:51:24 AM
			Time	
Distribution				LINCOLN SCHOOL
1608B23-025A	25A-WF IN 34-FD	7/29/2016 9:00:00 AM		8.1
			Analysis	8/16/2016 7:54:15 AM
			Time	
Distribution				LINCOLN SCHOOL

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 : 8/17/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B23-026A	26A-WF IN 34-FL	7/29/2016 9:00:00 AM	ug/L	E200.8 : IOC
			15	
			Analysis	2.6
			Time	8/16/2016 12:23:08 PM
Distribution				LINCOLN SCHOOL
1608B23-027A	27A-WF IN 31-FD	7/29/2016 9:00:00 AM	Analysis	3.3
			Time	8/16/2016 12:26:04 PM
Distribution				LINCOLN SCHOOL
1608B23-028A	28A-WF IN 31-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
			Time	8/16/2016 12:28:59 PM
Distribution				LINCOLN SCHOOL
1608B23-029A	29A-WF IN 32-FD	7/29/2016 9:00:00 AM	Analysis	8.3
			Time	8/16/2016 12:31:55 PM
Distribution				LINCOLN SCHOOL
1608B23-030A	30A-WF IN 32-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
			Time	8/16/2016 12:34:49 PM
Distribution				LINCOLN SCHOOL

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 : 8/17/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	ug/L
			<u>Method</u>	E200.8 : IOC
			<u>Limits</u>	15
1608B23-031A	31A-WF IN 29-FD	7/29/2016 9:00:00 AM	Analysis	1.2
			Time	8/16/2016 12:37:43 PM
	Distribution			LINCOLN SCHOOL
1608B23-032A	32A-WF IN 29-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
			Time	8/16/2016 12:40:39 PM
	Distribution			LINCOLN SCHOOL
1608B23-033A	33A-WF IN 30-FD	7/29/2016 9:00:00 AM	Analysis	2.8
			Time	8/16/2016 12:58:16 PM
	Distribution			LINCOLN SCHOOL
1608B23-034A	34A-WF IN 30-FL	7/29/2016 9:00:00 AM	Analysis	< 1.0
			Time	8/16/2016 1:01:11 PM
	Distribution			LINCOLN SCHOOL
1608B23-035A	35A-WF@30-FD	7/29/2016 9:00:00 AM	Analysis	3.0
			Time	8/16/2016 1:04:07 PM
	Distribution			LINCOLN SCHOOL

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 : 8/17/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B23-036A	36A-WF@30-FL	7/29/2016 9:00:00 AM	ug/L	E200.8 : IOC
			15	
			1.7	
			8/16/2016 1:07:01 PM	
Distribution			LINCOLN SCHOOL	
1608B23-037A	37A-WF IN 28-FD	7/29/2016 9:00:00 AM	98 *	
			8/16/2016 1:09:57 PM	
Distribution			LINCOLN SCHOOL	
1608B23-038A	38A-WF IN 28-FL	7/29/2016 9:00:00 AM	4.9	
			8/16/2016 1:12:53 PM	
Distribution			LINCOLN SCHOOL	
1608B23-039A	39A-WF IN 27-FD	7/29/2016 9:00:00 AM	15	
			8/16/2016 1:15:49 PM	
Distribution			LINCOLN SCHOOL	
1608B23-040A	40A-WF IN27-FL	7/29/2016 9:00:00 AM	< 1.0	
			8/16/2016 1:18:45 PM	
Distribution			LINCOLN SCHOOL	

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 : 8/17/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	<u>Method</u>
			ug/L	E200.8 : IOC
			<u>Limits</u>	15
1608B23-041A	41A-WF IN25-FD	7/29/2016 9:00:00 AM	Analysis	3.0
			Time	8/16/2016 1:33:25 PM
	Distribution			LINCOLN SCHOOL
1608B23-042A	42A-WF IN25-FL	7/29/2016 9:00:00 AM	Analysis	1.1
			Time	8/16/2016 1:36:20 PM
	Distribution			LINCOLN SCHOOL
1608B23-043A	43A-WF IN 26-FD	7/29/2016 9:00:00 AM	Analysis	10
			Time	8/16/2016 1:39:15 PM
	Distribution			LINCOLN SCHOOL
1608B23-044A	44A-WF IN 26-FL	7/29/2016 9:00:00 AM	Analysis	1.7
			Time	8/16/2016 1:42:11 PM
	Distribution			LINCOLN SCHOOL
1608B23-045A	45A-WF IN 14-FD	7/29/2016 9:00:00 AM	Analysis	68 *
			Time	8/16/2016 1:45:05 PM
	Distribution			LINCOLN SCHOOL

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 : 8/17/2016

Lab Number	Location	Collected	<u>Lead</u>	
			<u>Units</u>	
			<u>Method</u>	
			<u>Limits</u>	
1608B23-046A	46A-WF IN 14-FL	7/29/2016 9:00:00 AM	ug/L	E200.8 : IOC
			15	
			4.8	
			8/16/2016 1:47:59 PM	
Distribution			LINCOLN SCHOOL	
1608B23-047A	47A-WF IN 15-FD	7/29/2016 9:00:00 AM	3.9	
			8/16/2016 1:50:53 PM	
Distribution			LINCOLN SCHOOL	
1608B23-048A	48A-WF IN 15-FL	7/29/2016 9:00:00 AM	< 1.0	
			8/16/2016 1:53:49 PM	
Distribution			LINCOLN SCHOOL	
1608B23-049A	49A-WF@23-FD	7/29/2016 9:00:00 AM	7.3	
			8/16/2016 2:08:33 PM	
Distribution			LINCOLN SCHOOL	
1608B23-050A	50A-WF@23-FL	7/29/2016 9:00:00 AM	< 1.0	
			8/16/2016 2:11:27 PM	
Distribution			LINCOLN SCHOOL	LINCOLN SCHOOL

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



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: **1608B23**

RcptNo: **1**

Received by **Linda Siciliano**

Completed by:

Reviewed by:

Completed Date: 8/10/2016 9:34:01 PM

Reviewed Date: 8/15/2016 2:10:22 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 °	
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 Bil <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 :
1608B23

Certifications

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