



Dear Oakland Board of Education,

Due to recent amendments to N.J.A.C. 6A:26 Educational Facilities, New Jersey schools are required to retest potable water outlets during the July 2021- June 2022 school year, and every three (3) years thereafter. The District conducted water sampling on July 13, 2021. Following the receipt of results, it was determined that all existing outlets available for consumption, were below the regulatory action level of 15 ppb.

The District took a step further and tested areas where bottle filling stations are planning to be installed, to determine potential water quality at these locations. Three (3) points were tested at the Dogwood Hill Elementary, three (3) at Manito Elementary, three (3) at Heights Elementary, and four (4) at the Valley Middle School. There are no outlets available for use at any of these locations, currently. Analytical results indicated levels of lead above 15 ppb at these locations. The district will be taking remedial measures during the installation of these outlets, as well as testing them once they are installed, prior to being put into service. The bottle fillers, when installed, will not be put into service unless they test below 15 ppb.

Sincerely,

Karl Environmental Group

A handwritten signature in black ink, appearing to read 'Jake Edwards', is written over a light blue horizontal line.

Jake Edwards
Industrial Hygienist



Results Report

Order ID: 1G04187

Karl Environmental Group
20 Lauck Road
Mohnton, PA 19540

Project: 21-0680A Oakland Public Schools

Attn: Jake Edwards

Regulatory ID:

Sample Number: 1G04187-01
Collector: JE

Site: OV-BLANK
Collect Date: 07/13/2021 5:01 am

Sample ID: Valley Middle School
Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead < 1.00 pg/L EPA 200.8 1.00 1 07/14/21 MKR 07/15/21 19:21 MKR

Sample Number: 1G04187-02
Collector: JE

Site: OV-FP-1FL-KITCHEN
Collect Date: 07/13/2021 5:14 am

Sample ID: Valley Middle School
Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 3.23 pg/L EPA 200.8 1.00 1 07/14/21 MKR 07/15/21 17:40 MKR

Sample Number: 1G04187-03
Collector: JE

Site: OV-TL-1FL-FACULTY
Collect Date: 07/13/2021 5:06 am

Sample ID: Valley Middle School
Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 2.86 pg/L EPA 200.8 1.00 1 07/14/21 MKR 07/15/21 17:50 MKR

Sample Number: 1G04187-04
Collector: JE

Site: OV-FP-1FL-HOMEEC4
Collect Date: 07/13/2021 5:25 am

Sample ID: Valley Middle School
Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 4.86 pg/L EPA 200.8 1.00 1 07/14/21 MKR 07/15/21 17:53 MKR

Sample Number: 1G04187-05
Collector: JE

Site: OV-FP-1FL-HOMEEC3
Collect Date: 07/13/2021 5:23 am

Sample ID: Valley Middle School
Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 9.69 pg/L EPA 200.8 1.00 1 07/14/21 MKR 07/15/21 17:55 MKR

Report Generated On: 07/19/2021 1:30 pm
STL_Results Revision #1.9

1G04187
Effective: 04/16/2020





SUBURBAN TESTING LABS

Sample Number: 1G04187-06	Site: OV-FP-1FL-HOMEEC2	Sample ID: Valley Middle School
Collector: JE	Collect Date: 07/13/2021 5:21 am	Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>											
		Lead	3.29	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 17:57 MKR	

Sample Number: 1G04187-07	Site: OV-FP-1FL-HOMEEC1	Sample ID: Valley Middle School
Collector: JE	Collect Date: 07/13/2021 5:20 am	Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>											
		Lead	2.12	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 17:59 MKR	

Sample Number: 1G04187-08	Site: OV-TL-2FL-FACULTY	Sample ID: Valley Middle School
Collector: JE	Collect Date: 07/13/2021 5:31 am	Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>											
		Lead	4.44	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 18:02 MKR	

Sample Number: 1G04187-09	Site: OV-TL-2FL-BOARDSTAFF	Sample ID: Valley Middle School
Collector: JE	Collect Date: 07/13/2021 5:37 am	Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>											
		Lead	9.91	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 18:04 MKR	

Sample Number: 1G04187-10	Site: OV-DW-CAFE HALL	Sample ID: Valley Middle School
Collector: JE	Collect Date: 07/13/2021 5:08 am	Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>											
		Lead	25.0	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 18:06 MKR	

Sample Number: 1G04187-11	Site: OV-DW-CAFE	Sample ID: Valley Middle School
Collector: JE	Collect Date: 07/13/2021 5:12 am	Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>											
		Lead	31.1	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 18:09 MKR	

Sample Number: 1G04187-12	Site: OV-DW-1FL-GYM Hall1	Sample ID: Valley Middle School
Collector: JE	Collect Date: 07/13/2021 5:18 am	Sample Type: Grab

Department	Test	Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>											
		Lead	46.4	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 18:18 MKR	

Report Generated On: 07/19/2021 1:30 pm 1G04187
 STL_Results Revision #1.9 Effective: 04/16/2020





Sample Number: 1G04187-13	Site: OV-WC-2FL-UPPER30sHall	Sample ID: Valley Middle School
Collector: JE	Collect Date: 07/13/2021 5:33 am	Sample Type: Grab

Department Test Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	66.5	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 18:20 MKR	

Sample Receipt Conditions:

All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

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

Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Ryan F Knerr
Project Manager II

Report Generated On: 07/19/2021 1:30 pm 1G04187
STL_Results Revision #1.9 Effective: 04/16/2020





TAT (Check One): Standard 24hr 48hr 72hr Other
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: Karl Environmental Group
 Address: 20 Lauck Road
Mohnton, PA 19540
 Contact Name: Jake Edwards

1004187
 Ryan F. Kner

Fax: 610-856-5040
 Email: jedwards@karlenv.com

21-0680A
 re: ~~20-07098~~ Oakland Public Schools
Valley Middle School
71 Oak Street, Oakland, NJ 07436

Payment / P.O. Info: _____

Comments:

** took time from bottle as 7-13-21* NJ DOE Lead in Drinking Water Samples- PG 2

(5) (13) 250 mL HNO₃ pf

** added 15 drops HNO₃ pH 2 pf 7-13-21 (SIF0339)*

SWTL Sample Number	Sample Description / Site ID	Date Sampled	Time Sampled	Sampler Initials	Test(s) Requested	Bottle Quantity	See Codes Below				Comments / Field Data
							Matrix	Sample Type	Bottle Type	Preservative	
	OV-TL-2FL-BOARDSTAFF	7/13/21	<i>5:37</i>	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
<i>*</i>	<i>OV-DW-Cafe Hall</i>	7/13/21	<i>5:03</i>	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
<i>*</i>	<i>OV-DW-Cafe</i>	7/13/21	<i>5:12</i>	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
<i>*</i>	<i>OV-DW-1FL-Gyn Hall 2</i>	7/13/21	<i>5:18</i>	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
<i>*</i>	<i>OV-WC-2FL-Upper 3rd shell</i>	7/13/21	<i>5:33</i>	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
		7/13/21		JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
		7/13/21		JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
		7/13/21		JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	

Relinquished By: <i>[Signature]</i>	Date: <u>7/13/21</u> Time: <u>1125</u>	Sample Conditions Submitted with COC? <input checked="" type="checkbox"/> N Number of containers match number on COC? <input checked="" type="checkbox"/> N All containers in tact? <input checked="" type="checkbox"/> N Tests within holding times? <input checked="" type="checkbox"/> N 40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> N	Matrix Key NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample Sample Type Key G = Grab 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	Bottle Type Key P = Plastic G = Glass O = Other Preservative Key N = Sodium Thiosulfate A = Ascorbic Acid H = HNO ₃ C = HCl S = H ₂ SO ₄ OH = NaOH O = Other NA = None Required	Reporting Options <input type="checkbox"/> SDWA Reporting PWSID: _____ <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Other <input type="checkbox"/> Return a copy of this form with Report
Received By:	Date: _____ Time: _____ Temp °C: _____ Acceptable: Y / N				
Relinquished By:	Date: _____ Time: _____ Temp °C: _____ Acceptable: Y / N				
Received in Lab By: <i>[Signature]</i>	Date: <u>7/13/21</u> Time: <u>1125</u> Temp °C: <u>14.6</u> Acceptable: <u>Y/N</u> <i>on ice</i>				

Signing this form indicates your agreement with SWTL's Standard Terms and Conditions unless otherwise specified in writing. SLF050 Rev. 1.4 Effective November 12, 2014
 Shaded areas are for SWTL use only.



TAT(Check One): Standard 24hr 48hr 72hr Other
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: Karl Environmental Group

1004187
Ryan F Kneer

Name: 21-06804 Oakland Public Schools

Address: 20 Lauck Road

as: Valley Middle School

Mohnton, PA 19540

Fax: 610-856-5040

71 Oak Street, Oakland, NJ 07436

Contact Name: Jake Edwards

Email: jedwards@karlenv.com

Payment / P.O. Info: _____

Comments:

NJ DOE Lead in Drinking Water Samples - PG 1

(8) 250mL HNO₃

* added 15 drops HNO₃ pH 2?
pf 7-13-21 (SIF0339)

SWTL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
* OV-BLANK		7/13/21	501	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	BLANK
* OV-FP-1FL-KITCHEN		7/13/21	514	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
* OV-TL-1FL-FACULTY		7/13/21	506	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
* OV-FP-1FL-HOME EC4		7/13/21	525	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
* OV-FP-1FL-HOME EC3		7/13/21	523	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
* OV-FP-1FL-HOME EC2		7/13/21	521	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
* OV-FP-1FL-HOME EC1		7/13/21	520	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
* OV-TL-2FL-FACULTY		7/13/21	531	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	

Relinquished By: <u>[Signature]</u>	Date: <u>7/13/21</u> Time: <u>1125</u>	Temp °C: _____ Acceptable: Y / N	Sample Conditions Submitted with COC? <input checked="" type="checkbox"/> N Number of containers match number on COC? <input checked="" type="checkbox"/> N All containers in tact? <input checked="" type="checkbox"/> N Tests within holding times <input checked="" type="checkbox"/> N 40 mL VOA was free of headspace? <input checked="" type="checkbox"/> N	Matrix Key NPW = Non-Potable Water Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	Bottle Type Key P = Plastic G = Glass O = Other	Reporting Options <input type="checkbox"/> SDWA Reporting PWSID: _____ <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Other _____ <input type="checkbox"/> Return a copy of this form with Report
Received By:	Date: _____ Time: _____					
Relinquished By:	Date: _____ Time: _____	Temp °C: _____ Acceptable: Y / N	Sample Type Key G = Grab BHC = 8 Hr Composite 24HC = 24 Hr Composite	SDWA Sample Types D = Distribution E = Entry Point R = Raw C = Check S = Special N = Maximum Residence	Preservative Key N = Sodium Thiosulfate A = Ascorbic Acid H = HNO ₃ C = HCl S = H ₂ SO ₄ OH = NaOH G = Other NA = None Required	
Received in Lab By: <u>[Signature]</u>	Date: <u>7/13/21</u> Time: <u>1125</u>	Temp °C: <u>14.6 on 16</u> Acceptable: <input checked="" type="checkbox"/> N				

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