



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: 1G04176

Karl Environmental Group
20 Lauck Road
Mohnton, PA 19540

Project: 21-0680B Oakland Public Schools

Attn: Jake Edwards

Regulatory ID:

Sample Number: 1G04176-01
Collector: JE

Site: OM-BLANK
Collect Date: 07/13/2021 7:01 am

Sample ID: Manito Elementary 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 19:34 MKR	
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Sample Number: 1G04176-02
Collector: JE

Site: OM-TL-1FL-FACULTY
Collect Date: 07/13/2021 7:02 am

Sample ID: Manito Elementary 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			1.26	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 19:37 MKR	
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Sample Number: 1G04176-03
Collector: JE

Site: OM-FP-1FL-KITCHEN
Collect Date: 07/13/2021 7:08 am

Sample ID: Manito Elementary 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			10.5	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 19:39 MKR	
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Sample Number: 1G04176-04
Collector: JE

Site: OM-DW-1FL-HALL
Collect Date: 07/13/2021 7:04 am

Sample ID: Manito Elementary 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			16.2	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 18:33 MKR	
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Sample Number: 1G04176-05
Collector: JE

Site: OM-DW-1FL-GYM
Collect Date: 07/13/2021 7:10 am

Sample ID: Manito Elementary 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			110	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 18:41 MKR	
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Report Generated On: 07/19/2021 1:31 pm
STL_Results Revision #1.9

1G04176
Effective: 04/16/2020





Sample Number: 1G04176-06	Site: OM-DW-2FL-HALL	Sample ID: Manito Elementary School
Collector: JE	Collect Date: 07/13/2021 7:13 am	Sample Type: Grab

Department Test Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	55.0	pg/L	EPA 200.8	1.00	1	07/14/21 MKR		07/15/21 18:43 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 1:31 pm 1G04176
STL_Results Revision #1.9 Effective: 04/16/2020





SUBURBAN TESTING LABS



1G04176
Ryan F Knerr

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

Phone: 610-856-1100

Fax: 610-856-5040

Email: jedwards@karlenv.com

Client Name: 21-0680B Oakland Public Schools

Address: Manito Elementary School
111 Manito Avenue, Oakland, NJ 07436

Payment / P.O. Info: _____

Comments:

NJ DOE Lead in Drinking Water Samples - PG 1

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	
	OM-BLANK	7/13/21	701	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	BLANK
	OM-TL-1FL-FACULTY	7/13/21	702	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
	OM-FP-1FL-KITCHEN	7/13/21	708	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
	OM-DW-1EL-Hall	↓	704	↓	↓	↓	↓	↓	↓	↓	
	OM-DW-1FL-Gym	↓	710	↓	↓	↓	↓	↓	↓	↓	
	OM-DU-ZPL-Hall	↓	713	↓	↓	↓	↓	↓	↓	↓	
X	(6) 250mL HNO ₃ P										

X = 15 drops HNO₃ added; Ph < 2 ps 7-13-21 (SIF0339)

Relinquished By: <i>[Signature]</i>	Date: 7/13/21 Time: 1125	Sample Conditions Submitted with COC? <input checked="" type="checkbox"/> Y / N Number of containers match number on COC? <input checked="" type="checkbox"/> Y / N All containers in tact? <input checked="" type="checkbox"/> Y / N Tests within holding times? <input checked="" type="checkbox"/> Y / N 40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> Y / 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 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: 7/13/21 Time: 1125 Temp °C: 14.6 Acceptable: <input checked="" type="checkbox"/> Y / N				

Signing this form indicates your agreement with SWTL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.4 Effective November 12, 2014
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