



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 the printed name.

Jake Edwards
Industrial Hygienist



Results Report

Order ID: 1G04185

Karl Environmental Group
20 Lauck Road
Mohnton, PA 19540

Project: 21-0680C Oakland Public Schools

Attn: Jake Edwards

Regulatory ID:

Sample Number: 1G04185-01	Site: OD-BLANK	Sample ID: Dogwood Hill Elementary School
Collector: JE	Collect Date: 07/13/2021 6:21 am	Sample Type: Grab

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

Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	07/14/21	MKR	07/15/21 19:03	MKR
------	--------	------	-----------	------	---	----------	-----	----------------	-----

Sample Number: 1G04185-02	Site: OD-FP-1FL-KITCHEN	Sample ID: Dogwood Hill Elementary School
Collector: JE	Collect Date: 07/13/2021 6:22 am	Sample Type: Grab

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

Metals

Lead	11.7	µg/L	EPA 200.8	1.00	1	07/14/21	MKR	07/15/21 19:05	MKR
------	------	------	-----------	------	---	----------	-----	----------------	-----

Sample Number: 1G04185-03	Site: OD-TL-2FL-FACULTY	Sample ID: Dogwood Hill Elementary School
Collector: JE	Collect Date: 07/13/2021 6:31 am	Sample Type: Grab

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

Metals

Lead	2.71	µg/L	EPA 200.8	1.00	1	07/14/21	MKR	07/15/21 19:07	MKR
------	------	------	-----------	------	---	----------	-----	----------------	-----

Sample Number: 1G04185-04	Site: OD-DW-GYM1	Sample ID: Dogwood Hill Elementary School
Collector: JE	Collect Date: 07/13/2021 6:25 am	Sample Type: Grab

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

Metals

Lead	35.3	µg/L	EPA 200.8	1.00	1	07/14/21	MKR	07/15/21 19:10	MKR
------	------	------	-----------	------	---	----------	-----	----------------	-----

Sample Number: 1G04185-05	Site: OD-DW-1stFRONTHALL	Sample ID: Dogwood Hill Elementary School
Collector: JE	Collect Date: 07/13/2021 6:28 am	Sample Type: Grab

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

Metals

Lead	25.2	µg/L	EPA 200.8	1.00	1	07/14/21	MKR	07/15/21 19:12	MKR
------	------	------	-----------	------	---	----------	-----	----------------	-----

Report Generated On: 07/19/2021 1:30 pm 1G04185
 STL_Results Revision #1.9 Effective: 04/16/2020





Sample Number: 1G04185-06	Site: OD-DW-2FL-HALL	Sample ID: Dogwood Hill Elementary School
Collector: JE	Collect Date: 07/13/2021 6:30 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	7.99	µg/L	EPA 200.8	1.00	1	07/14/21	MKR	07/15/21 19:19	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 1G04185
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

1G04185
Ryan F Knerr

Address: 20 Lauck Road

Phone: 610-856-7700

Address: 21-0680C Oakland Public Schools

Mohnton, PA 19540

Fax: 610-856-5040

Address: Dogwood Hill Elementary School

Contact Name: Jake Edwards

Email: jedwards@karlenv.com

25 Dogwood Drive, Oakland, NJ 07436

Payment / P.O. Info: _____

Comments:

NJ DOE Lead in Drinking Water Samples - PG 1

(6) 250 mL 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	
*	OD-BLANK	7/13/21	621	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	Blank
*	OD-FP-1FL-KITCHEN	7/13/21	622	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
*	OD-TL-2FL-FACULTY	7/13/21	631	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
*	OD-DW-Gym 1	↓	625	↓	↓	↓	↓	↓	↓	↓	
*	OD-DW- ^{1FL} FRONT HALL	↓	628	↓	↓	↓	↓	↓	↓	↓	
*	OD-DW-2FL-Hall	↓	630	↓	↓	↓	↓	↓	↓	↓	
<hr/>											

Relinquished By:	Date: <u>7/13/21</u> Time: <u>1125</u>	Temp °C: _____ Acceptable: Y / N	Submitted with COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg)	Matrix Key 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	40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	SDWA Sample Types D = Distribution E = Entry Point R = Raw C = Check S = Special M = Maximum Residence			
Received in Lab By: (6)	Date: <u>7/13/21</u> Time: <u>1125</u>				Temp °C: <u>14.6 on ice</u> Acceptable: <input checked="" type="checkbox"/> Y <input type="checkbox"/> 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
 Shaded areas are for SWTL use only.