



Results Report

Order ID: 7042898

Karl Environmental Group 20 Lauck Road Mohnton, PA 19540	Project: Summit, NJ Public SD - LCJ Summit MS - Original 272 Morris Avenue Summit, NJ 07901
Attn: Kelly Mays	Regulatory ID:

Sample Number: 7042898-01	Site: OSMS-BLANK	Sample ID:
Collector: KB	Collect Date: 04/09/2017 9:08 am	Sample Type: S

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	04/12/17	RPV	04/19/17 2:03	RPV
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Sample Number: 7042898-02	Site: OSMS-WC-1FL-HALL133B-1	Sample ID:
Collector: KB	Collect Date: 04/09/2017 9:10 am	Sample Type: S

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	04/12/17	RPV	04/19/17 2:05	RPV
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Sample Number: 7042898-03	Site: OSMS-WC-1FL-HALL133B-2	Sample ID:
Collector: KB	Collect Date: 04/09/2017 9:12 am	Sample Type: S

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	04/12/17	RPV	04/19/17 2:07	RPV
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Sample Number: 7042898-04	Site: OSMS-WC-1FL-HALL134-1	Sample ID:
Collector: KB	Collect Date: 04/09/2017 9:14 am	Sample Type: S

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	04/12/17	RPV	04/19/17 22:18	RPV
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Sample Number: 7042898-05	Site: OSMS-WC-1FL-HALL134-2	Sample ID:
Collector: KB	Collect Date: 04/09/2017 9:16 am	Sample Type: S

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	04/12/17	RPV	04/19/17 22:23	RPV
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Report Generated On: 04/25/2017 4:46 pm 7042898
 STL_Results Revision #1.6 Effective: 07/09/2014





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Sample Number: 7042898-06
Collector: KB

Site: OSMS-DW-1FL-HALL128
Collect Date: 04/09/2017 9:22 am

Sample ID:
Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Metals									
Lead	3.94	µg/L	EPA 200.8	1.00	1	04/12/17	RPV	04/19/17 22:25	RPV

Sample Number: 7042898-07
Collector: KB

Site: OSMS-WC-2FL-HALL228-1
Collect Date: 04/09/2017 9:26 am

Sample ID:
Sample Type: S

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	04/12/17	RPV	04/19/17 22:27	RPV

Sample Number: 7042898-08
Collector: KB

Site: OSMS-WC-2FL-HALL228-2
Collect Date: 04/09/2017 9:26 am

Sample ID:
Sample Type: S

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	04/12/17	RPV	04/19/17 22:29	RPV

Sample Number: 7042898-09
Collector: KB

Site: OSMS-WC-2FL-HALL239
Collect Date: 04/09/2017 9:29 am

Sample ID:
Sample Type: S

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Metals									
Lead	2.65	µg/L	EPA 200.8	1.00	1	04/12/17	RPV	04/19/17 22:31	RPV

Sample Number: 7042898-10
Collector:

Site: Laboratory Control Sample
Collect Date: 04/11/2017 12:00 am

Sample ID:
Sample Type:

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Metals									
Lead	14.6	µg/L	EPA 200.8	1.00	1	04/21/17	RPV	04/22/17 15:22	RPV

Sample Number: 7042898-11
Collector:

Site: Laboratory Control Sample Duplicate
Collect Date: 04/11/2017 12:00 am

Sample ID:
Sample Type:

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Metals									
Lead	14.7	µg/L	EPA 200.8	1.00	1	04/21/17	RPV	04/22/17 15:26	RPV

Sample Receipt Conditions:

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

Report Generated On: 04/25/2017 4:46 pm 7042898
STL_Results Revision #1.6 Effective: 07/09/2014

1037F MacArthur Road, Reading, PA 19605 Phone: 800-433-6595 Fax: 610-375-4090 suburbantestinglabs.com



PADEP 06-0021



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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:

Alana Kopicz
Project Manager

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STL_Results Revision #1.6 Effective: 07/09/2014

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PADEP 06-0021



SUBURBAN TESTING LABS

610-



7042898
Alena Kopitz

Client Name: **Karl Environmental Group**
 Address: **20 Lauck Road**
Mohnton, PA 19540

Phone: **610-856-5040**
 Fax: **610-856-5040**
 Contact Name: **Kelly Mays**
 Email: **kmays@karlenv.com**

Summit Public School District
 Summit Middle School - Original
 272 Morris Avenue, Summit, NJ 07901
 Payment / P.O. Info: **17-0558**

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

Comments: NJ DOE Lead in Drinking Water Samples - First Draw

SWTL Sample Number	Sample Description / Site ID	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested	See Codes Below				Comments / Field Date	
						Bottle Quantity	Matrix	Sample Type	Bottle Type		Preservative
OSMS-BLANK		4/9/2017	9:08	KB	Lead	1	PW	G	P	H	BLANK
OSMS-WC-1FL-HALL133B-1		4/9/2017	9:10	KB	Lead	1	PW	G	P	H	
OSMS-WC-1FL-HALL133B-2		4/9/2017	9:12	KB	Lead	1	PW	G	P	H	
OSMS-WC-1FL-HALL134-1		4/9/2017	9:14	KB	Lead	1	PW	G	P	H	
OSMS-WC-1FL-HALL134-2		4/9/2017	9:16	KB	Lead	1	PW	G	P	H	
OSMS-DW-1FL-HALL128		4/9/2017	9:22	KB	Lead	1	PW	G	P	H	
OSMS-WC-2FL-HALL228-1		4/9/2017	9:26	KB	Lead	1	PW	G	P	H	
OSMS-WC-2FL-HALL228-2		4/9/2017	9:26	KB	Lead	1	PW	G	P	H	

Refrigerated By: AK Date: 04/11/17 Time: 0900 Temp °C: Acceptable: Y/N

Received By: Murphy K Date: 4/11/17 Time: 0900 Temp °C: Acceptable: Y/N

Refrigerated By: Murphy K Date: 4/11/17 Time: 1415 Temp °C: 4.5 Acceptable: Y/N

Received in Lab By: AK Date: 4/11/17 Time: 1415 Temp °C: 4.5 Acceptable: Y/N

Sample Contamination: Non-hazardous with GC/C2 Hazardous with GC/C2 Number of containers: 1 Height number for GC/C2: Treats within holding time: 40 mL VOC vials free of heptanes: Y/N

Matrix Key: Non-Portable Water Solid Sewage Sludge, Dehydrated sludge, soil, etc. (reported as mg/kg) PW = Portable Water (not for SWVA compliance) SWVA = Safe Drinking Water Act Portable Sample

Bottle Type Key: H = HDPE C = HDPE S = HDPE OH = HDPE NA = None Required

Reporting Options: SCWA Reporting PWSID: Fax Email Other Return a copy of this form with Report

Signaling this form indicates your agreement with SWTL's Standard Terms and Conditions unless otherwise specified in writing. SJ-F059 Rev. 1.4 Effective November 12, 2014. Spotted areas gra for SWTL use only.



SUBURBAN TESTING LABS

610-375-

7042898
Alana Kopicz



(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
 Phone: **610-856-7700**
 Fax: **610-856-5040**
 Contact Name: **Kelly Mays**
 Email: **kmays@karfeny.com**

Address: **Summit Middle School - Original**
272 Morris Avenue, Summit, NJ 07901
 Payment / P.O. Info: **17-0558**
Summit Public School District

Comments: **NJ DOE Lead in Drinking Water Samples - First Draw**

SWTL Sample Number	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested	Bottle Quantity	Matrix	Sample Type	Bottle Type	Preservative	Comments / Field Date
OSMS-WC-2FL-HALL239	4/9/2017	9:29	KB	Lead	1	PW	G	P	H	PKC 4/11

Requisitioned By: <i>[Signature]</i> Received By: <i>[Signature]</i> Received in Lab By: <i>[Signature]</i> Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>	Date: <i>4/12/17</i> Time: <i>0900</i> Temp °C: <i>—</i> Acceptable: <i>Y/N</i>
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Reporting Options
 SDWA Reporting
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 Return a copy of this form with Report

Signing this form indicates your agreement with SWTL's Standard Terms and Conditions unless otherwise specified in writing. SJ.F059 Rev. 1.4 Effective November 12, 2014. Shaded areas are for SWTL use only.

April 27, 2017

Lawton C. Johnson Summit Middle School
272 Morris Ave.
Summit, NJ 07901

Dear Lawton C. Johnson Summit Middle School Community,

Our school system is committed to protecting students, teachers, and staff health. To protect our community and be in compliance with the Department of Education regulations, Summit Public Schools tested our schools' drinking water for lead.

As a district, Summit Public Schools was proactive in testing the water in our schools, before the Department of Education required schools to do so. Once the DOE put out guidelines for testing the drinking water, we compiled and conducted expanded tests to include every possible draw point for drinking water.

In accordance with the Department of Education regulations, Summit Public Schools will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 $\mu\text{g/l}$ (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "Do not drink. Safe for handwashing only." sign will be posted.

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within Summit Public Schools. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 32 samples taken at LCJSMS, all but two tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 $\mu\text{g/l}$ [ppb]).

The table below identifies the drinking water outlets that tested above the 15 $\mu\text{g/l}$ for lead, the actual lead level, and what temporary remedial action Summit Public Schools has taken to reduce the levels of lead at these locations.

Sample Location	First Draw Result in $\mu\text{g/l}$ (ppb)	Remedial Action
Cafeteria Kitchen Sink # 2	17.0	Signage (Not for Drinking. Handwashing only.)
Water Fountain Across from Rm 214	30.3	Took this out of service. Turned off water feed.

Next Steps

Summit Public Schools will schedule a second test for these locations. The second test will help to further delineate the source of the high lead levels. The reason for the high lead levels may be old faucets, clogged aerators, or infrequent use. Based on the results of the second test, the district will remediate the issue and will take all steps necessary to ensure safe drinking water for our students and staff.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning *may* contain fairly high levels of lead.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 a.m. and 4:00 p.m. and are also available on our website at www.summit.k12.nj.us. For more information about water quality in our schools, contact Mr. Louis Pepe in the Business Office at 908-273-3025.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,

June Chang
Superintendent of Schools