



Environmental Control Systems, Inc.

Environmental Engineers and Management Consultants

April 20, 2022

Mr. Rob Christine
Quakertown Community School District
100 Commerce Drive
Quakertown, PA 18951

Re: Lead in Drinking Water Sampling Results

Dear Mr. Christine:

Attached are the Lead in Drinking Water results for the various outlets tested within the Quakertown Community High School and the 6th Grade Center. "First Draw" samples were collected in accordance with EPA protocol.

Analysis is provided with results based on PDE recommended action level which is 15 parts per billion (ppb) for lead in schools based on a 250 ml sample.

All results are under the PA Act 39, PDE and EPA action limit of 15 ppb and fulfills your obligation under PA Act 39 to provide lead in drinking water testing during the 2021-2022 school year.

Please let me know if you have any questions.

Cordially,

Barbara Lippmann
President

Enclosure:



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Barb Lippmann
Environmental Control Systems
950 Sussex Blvd.
Broomall, PA 19008

4/20/2022

Phone: (610) 328-2880

Fax: (610) 328-9819

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/6/2022. The results are tabulated on the attached data pages for the following client designated project:

Quakertown High School - Quakertown School Dist.

The reference number for these samples is EMSL Order #012205334. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012205334

CustomerID: ECSPA30

CustomerPO: 5753

ProjectID:

Attn: **Barb Lippmann**
Environmental Control Systems
950 Sussex Blvd.
Broomall, PA 19008

Phone: (610) 328-2880
 Fax: (610) 328-9819
 Received: 4/6/2022 09:00 AM

Project: Quakertown High School - Quakertown School Dist.

Analytical Results

Client Sample Description QCHS-Kitchen Prep Sink
 Kitchen Faucet
Collected: 4/5/2022 6:45:00 AM
Lab ID: 012205334-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:06

Client Sample Description QCHS-Main Office
 Kitchen Faucet
Collected: 4/5/2022 6:45:00 AM
Lab ID: 012205334-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:11

Client Sample Description QCHS-Nurse
 Kitchen Faucet
Collected: 4/5/2022 6:45:00 AM
Lab ID: 012205334-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.61	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:13

Client Sample Description QCHS-WF-Caf-Right
Collected: 4/5/2022 6:45:00 AM
Lab ID: 012205334-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.00	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:14

Client Sample Description QCHS-WF-Gym-Left
Collected: 4/5/2022 6:45:00 AM
Lab ID: 012205334-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:16



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EnvChemistry2@emsl.com

EMSL Order:	012205334
CustomerID:	ECSPA30
CustomerPO:	5753
ProjectID:	

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



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Environmental Control Systems
950 Sussex Blvd.
Broomall, PA 19008

4/20/2022

Phone: (610) 328-2880

Fax: (610) 328-9819

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/6/2022. The results are tabulated on the attached data pages for the following client designated project:

6th Grade Center - Quakertown School Dist.

The reference number for these samples is EMSL Order #012205335. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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EMSL Order: 012205335

CustomerID: ECSPA30

CustomerPO: 5753

ProjectID:

Attn: **Barb Lippmann**
Environmental Control Systems
950 Sussex Blvd.
Broomall, PA 19008

Phone: (610) 328-2880
 Fax: (610) 328-9819
 Received: 4/6/2022 09:00 AM

Project: 6th Grade Center - Quakertown School Dist.

Analytical Results

Client Sample Description 6th GC-Kitchen Prep Sink **Collected:** 4/5/2022 7:15:00 AM **Lab ID:** 012205335-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.10	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:46

Client Sample Description 6th GC-Faculty **Collected:** 4/5/2022 7:15:00 AM **Lab ID:** 012205335-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.47	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:22

Client Sample Description 6th GC-Nurse **Collected:** 4/5/2022 7:15:00 AM **Lab ID:** 012205335-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.10	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:24

Client Sample Description 6th GC-WF-Caf **Collected:** 4/5/2022 7:15:00 AM **Lab ID:** 012205335-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:25

Client Sample Description 6th GC-WF-Gym **Collected:** 4/5/2022 7:15:00 AM **Lab ID:** 012205335-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/12/2022 JM	4/14/2022 VD 10:27



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EMSL Order:	012205335
CustomerID:	ECSPA30
CustomerPO:	5753
ProjectID:	

Definitions:

MDL - method detection limit

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ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

QUAKERTOWN COMMUNITY SCHOOL DISTRICT**Lead in Drinking Water Testing Results, April 5, 2022**

In accordance with the EPA National Primary Drinking Water Standard, PA Act 39 & PDE recommends an action limit of 15 ppb for lead in drinking water in school systems based on a 250 ml sample. All areas sampled in the Quakertown Community School District are within the EPA Standard.

Facility Name	Location	Result	EPA Limit
Quakertown High School	Kitchen Prep Sink	ND	15 ppb
	Main Office Kitchen Faucet	ND	15 ppb
	Nurse kitchen faucet	ND	15 ppb
	Water fountain cafeteria - right	1.61	15 ppb
	Water fountain gym - left	ND	15 ppb
6th Grade Center	Kitchen Prep Sink	1.1	15 ppb
	Faculty	1.47	15 ppb
	Nurse	1.1	15 ppb
	Water fountain cafeteria	ND	15 ppb
	Water fountain gym	ND	15 ppb