May 1, 2023

Spring-Ford Area School District
857 South Lewis Road
Royersford, PA 19468

Attention: Mr. Robert Hunter

Reference: Water Sampling for Lead – Brooke Elementary School
339 North Lewis Road, Royersford, PA 19468
Criterion's Project Number: **230731**

Dear Mr. Hunter,

On April 20, 2023, Will Shaw, an environmental technician of Criterion Laboratories, Inc. (Criterion) collected water samples from various outlets used for drinking and cooking at the Brooke Elementary School to be analyzed for lead.

Criterion collected a 250 milliliter (ml), first draw sample at each outlet, which were analyzed at Criterion in Bensalem, PA. The method used for analysis was Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) Method.

The Environmental Protection Agency (EPA) has established a current Action Level for lead in public drinking water of 0.015 milligrams per liter (mg/L) or 15 parts per billion (ppb).

All outlets sampled were within the EPA Action Level for lead in public drinking water.

No additional testing is necessary.

Please feel free to call me with any questions at 215-244-1300, extension 1032.

Sincerely,

Melissa Billingsley
Project Manager

Attachment

ICP: Results of Lead in Drinking Water

Client	*Spring-Ford Area School District*	Site Address	*Spring-Ford Area School District* *Brooke Elementary School* *339 North Lewis Road* *Royersford, PA 19468*	Sample Date	*4/20/2023*
Project #	*230731*			Sample Received Date	*4/20/2023*
Collected By	*Criterion Laboratories, Inc.*	Analyzed By	*Schwab, Andrew*	Sample Analysis Date(s)	*4/26/2023*

Sample Number	Collected	Location / Description	Lead (ppb)
230731-07-023-13-01	4/20/2023 06:07	42 - BRK-TL	< RL
230731-07-023-13-02	4/20/2023 06:08	40 - BRK-BFS	< RL
230731-07-023-13-03	4/20/2023 06:09	41 - BRK-BFS	< RL
230731-07-023-13-04	4/20/2023 06:10	38 - BRK-NF	< RL
230731-07-023-13-05	4/20/2023 06:11	39 - BRK-NF	< RL
230731-07-023-13-06	4/20/2023 06:12	36 - BRK-CF	< RL
230731-07-023-13-07	4/20/2023 06:13	37 - BRK-EWC	< RL
230731-07-023-13-08	4/20/2023 06:15	35 - BRK-F	< RL
230731-07-023-13-09	4/20/2023 06:16	45 - BRK-CF	< RL
230731-07-023-13-10	4/20/2023 06:17	10 - BRK-CF	< RL
230731-07-023-13-11	4/20/2023 06:18	33 - BRK-CF	< RL
230731-07-023-13-12	4/20/2023 06:19	34 - BRK-F	< RL
230731-07-023-13-13	4/20/2023 06:20	9 - BRK-CF	< RL
230731-07-023-13-14	4/20/2023 06:22	11 - BRK-CF	< RL
230731-07-023-13-15	4/20/2023 06:23	8 - BRK-CF	< RL
230731-07-023-13-16	4/20/2023 06:24	53 - BRK-BFS	< RL
230731-07-023-13-17	4/20/2023 06:25	1 - BRK-CF	< RL
230731-07-023-13-18	4/20/2023 06:26	2 - BRK-CF	< RL
230731-07-023-13-19	4/20/2023 06:27	3 - BRK-EWC	< RL
230731-07-023-13-20	4/20/2023 06:28	4 - BRK-CF	< RL
230731-07-023-13-21	4/20/2023 06:29	5 - BRK-CF	< RL
230731-07-023-13-22	4/20/2023 06:30	6 - BRK-EWC	< RL
230731-07-023-13-23	4/20/2023 06:31	7 - BRK-CF	< RL
230731-07-023-13-24	4/20/2023 06:32	12 - BRK-CF	< RL
230731-07-023-13-25	4/20/2023 06:33	13 - BRK-CF	< RL
230731-07-023-13-26	4/20/2023 06:34	14 - BRK-CF	< RL
230731-07-023-13-27	4/20/2023 06:35	15 - BRK-CF	< RL
230731-07-023-13-28	4/20/2023 06:36	54 - BRK-EWC	< RL
230731-07-023-13-29	4/20/2023 06:37	16 - BRK-CF	< RL
230731-07-023-13-30	4/20/2023 06:38	52 - BRK-DO	< RL
230731-07-023-13-31	4/20/2023 06:39	32 - BRK-CF	< RL
230731-07-023-13-32	4/20/2023 06:41	17 - BRK-CF	< RL
230731-07-023-13-33	4/20/2023 06:42	18 - BRK-CF	< RL

400 Street Road, Bensalem, PA 19020 / 215-244-1300 / Fax 215-244-4349 / www.criterionlabs.com

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Collected By	*Criterion Laboratories, Inc.*	Analyzed By	*Schwab, Andrew*	Sample Analysis Date(s)	*4/26/2023*

Sample Number	Collected	Location / Description	Lead (ppb)
230731-07-023-13-34	4/20/2023 06:43	50 - BRK-BFS	< RL
230731-07-023-13-35	4/20/2023 06:46	19 - BRK-CF	< RL
230731-07-023-13-36	4/20/2023 06:47	20 - BRK-CF	< RL
230731-07-023-13-37	4/20/2023 06:48	24 - BRK-CF	< RL
230731-07-023-13-38	4/20/2023 06:49	21 - BRK-CF	< RL
230731-07-023-13-39	4/20/2023 06:50	22 - BRK-CF	< RL
230731-07-023-13-40	4/20/2023 06:51	23 - BRK-CF	< RL
230731-07-023-13-41	4/20/2023 06:52	55 - BRK-BFS	< RL
230731-07-023-13-42	4/20/2023 06:53	25 - BRK-CF	< RL
230731-07-023-13-43	4/20/2023 06:54	26 - BRK-CF	< RL
230731-07-023-13-44	4/20/2023 06:55	27 - BRK-CF	< RL
230731-07-023-13-45	4/20/2023 06:56	28 - BRK-CF	< RL
230731-07-023-13-46	4/20/2023 06:57	56 - BRK-BFS	< RL
230731-07-023-13-47	4/20/2023 06:59	29 - BRK-BFS	< RL
230731-07-023-13-48	4/20/2023 07:01	30 - BRK-CF	< RL
230731-07-023-13-49	4/20/2023 07:02	31 - BRK-CF	< RL
230731-07-023-13-50	4/20/2023 07:07	44 - BRK-KF	< RL
230731-07-023-13-51	4/20/2023 07:08	47 - BRK-KF	6.8

Sample Count 51

James A. Weltz, CIH, Technical Director

Reporting limit is 2.00 ppb. Criterion Laboratories, Inc. bears no responsibility for sample collection activities of non-Criterion personnel. This report relates only to the samples reported above, and when reproduced, must be in its entirety. Estimated accuracy, precision and uncertainty data available on request. QC data associated with this sample set is within acceptable limits. Samples were received in good condition, unless otherwise noted.

Note: If your project number ends with an "R", it is a revised report and replaces the original document in full. Samples are analyzed by Criterion Laboratories, Inc. using EPA Method 200.5: Determination of Trace Elements in Drinking Water by Axially Viewed Inductively Coupled Plasma - Atomic Emission Spectrometry and CLI Method 446

Criterion Laboratories, Inc. (ID 100424) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the IHLAP; EMLAP and ELLAP accreditation programs for Polarized Light Microscopy (PLM), Phase Contrast Microscopy (PCM); Air-Direct Examination; and Airborne Dust, Paint, Settled Dust by Wipe and Soil for Fields of Testing as documented by the Scope of Accreditation Certificate and associated Scope. Additionally, Criterion Laboratories, Inc. is certified by the Center for Disease Control (CDC) Environmental Legionella Isolation Techniques Evaluation (ELITE) Program for the determination of Legionella in water by culture and holds accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP ID 102046-0) for the determination of asbestos in bulk samples by Polarized Light Microscopy (PLM). This test report must not be used to claim product endorsement by NVLAP, NIST, AIHA or any agency of the US Government. Unless specifically listed as above, these test results are not covered under AIHA-LAP, LLC, 100424 accreditation.

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Project #	*230731*			Sample Received Date	*4/20/2023*
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Chain of Custody

Matrix	Water - Potable
Analyte	Lead
Analysis Type	ICP-AES
Container	Bottle 250 ml
Project	230731
Client	Spring-Ford Area School District
Site Address	Spring-Ford Area School District Brooke Elementary School 339 North Lewis Road Royersford, PA 19468
Location	
Turnaround	2 Weeks
Field Tech	Will Shaw
Sample Notes	
Chain of Custody Notes	

Additional Analytes

Sample Number	Location	Description	Received Condition	Date	Notes
230731-07-023-13-01	42	BRK-TL	Good	4/20/2023	
230731-07-023-13-02	40	BRK-BFS	Good	4/20/2023	
230731-07-023-13-03	41	BRK-BFS	Good	4/20/2023	
230731-07-023-13-04	38	BRK-NF	Good	4/20/2023	
230731-07-023-13-05	39	BRK-NF	Good	4/20/2023	
230731-07-023-13-06	36	BRK-CF	Good	4/20/2023	
230731-07-023-13-07	37	BRK-EWC	Good	4/20/2023	
230731-07-023-13-08	35	BRK-F	Good	4/20/2023	
230731-07-023-13-09	45	BRK-CF	Good	4/20/2023	
230731-07-023-13-10	10	BRK-CF	Good	4/20/2023	
230731-07-023-13-11	33	BRK-CF	Good	4/20/2023	
230731-07-023-13-12	34	BRK-F	Good	4/20/2023	
230731-07-023-13-13	9	BRK-CF	Good	4/20/2023	
230731-07-023-13-14	11	BRK-CF	Good	4/20/2023	
230731-07-023-13-15	8	BRK-CF	Good	4/20/2023	
230731-07-023-13-16	53	BRK-BFS	Good	4/20/2023	
230731-07-023-13-17	1	BRK-CF	Good	4/20/2023	
230731-07-023-13-18	2	BRK-CF	Good	4/20/2023	
230731-07-023-13-19	3	BRK-EWC	Good	4/20/2023	
230731-07-023-13-20	4	BRK-CF	Good	4/20/2023	
230731-07-023-13-21	5	BRK-CF	Good	4/20/2023	
230731-07-023-13-22	6	BRK-EWC	Good	4/20/2023	
230731-07-023-13-23	7	BRK-CF	Good	4/20/2023	
230731-07-023-13-24	12	BRK-CF	Good	4/20/2023	
230731-07-023-13-25	13	BRK-CF	Good	4/20/2023	
230731-07-023-13-26	14	BRK-CF	Good	4/20/2023	
230731-07-023-13-27	15	BRK-CF	Good	4/20/2023	
230731-07-023-13-28	54	BRK-EWC	Good	4/20/2023	
230731-07-023-13-29	16	BRK-CF	Good	4/20/2023	

Chain of Custody

230731-07-023-13-30	52	BRK-DO	Good	4/20/2023
230731-07-023-13-31	32	BRK-CF	Good	4/20/2023
230731-07-023-13-32	17	BRK-CF	Good	4/20/2023
230731-07-023-13-33	18	BRK-CF	Good	4/20/2023
230731-07-023-13-34	50	BRK-BFS	Good	4/20/2023
230731-07-023-13-35	19	BRK-CF	Good	4/20/2023
230731-07-023-13-36	20	BRK-CF	Good	4/20/2023
230731-07-023-13-37	24	BRK-CF	Good	4/20/2023
230731-07-023-13-38	21	BRK-CF	Good	4/20/2023
230731-07-023-13-39	22	BRK-CF	Good	4/20/2023
230731-07-023-13-40	23	BRK-CF	Good	4/20/2023
230731-07-023-13-41	55	BRK-BFS	Good	4/20/2023
230731-07-023-13-42	25	BRK-CF	Good	4/20/2023
230731-07-023-13-43	26	BRK-CF	Good	4/20/2023
230731-07-023-13-44	27	BRK-CF	Good	4/20/2023
230731-07-023-13-45	28	BRK-CF	Good	4/20/2023
230731-07-023-13-46	56	BRK-BFS	Good	4/20/2023
230731-07-023-13-47	29	BRK-BFS	Good	4/20/2023
230731-07-023-13-48	30	BRK-CF	Good	4/20/2023
230731-07-023-13-49	31	BRK-CF	Good	4/20/2023
230731-07-023-13-50	44	BRK-KF	Good	4/20/2023
230731-07-023-13-51	47	BRK-KF	Good	4/20/2023

Sample Count 51

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Melissa Billingsley	4/20/2023		
Send Reports To	Spring-Ford Area School District	4/20/2023		
Samples Taken By	Will Shaw	4/20/2023	04:56	
Transported By	Will Shaw	4/20/2023	07:08	
Relinquished By	Will Shaw	4/20/2023	08:30	
Received By	Lauren Mitchell	4/20/2023	08:47	
Analyzed By	Andrew Schwab	4/26/2023	16:00	
Reviewed By	Andrew Schwab	4/27/2023	10:42	