

March 12, 2020

Mr. Paul Dougherty
Director of Secondary Education/ Director of Technology
Scranton School District
425 North Washington Avenue
Scranton, Pa 18503

RE: Lead in Drinking Water Assessment
West Scranton High School- Classrooms 202 and 206
Cocciardi Job No. 200115

Dear Mr. Dougherty:

The following report is provided to document the results of the lead in drinking water sampling conducted at West Scranton High School located 1201 Luzerne Street in Scranton, Pennsylvania.

BACKGROUND/ACTIVITIES:

Cocciardi and Associates, Inc. (Cocciardi) was contracted by the Scranton School District (SSD) to collect lead in drinking water samples from potential cooking water sources in targeted areas of the school. Original Sampling was performed in response to Act 39 of 2018¹ to perform such testing, and the specific locations for this testing was directed by SSD representatives on previous sample results about the Environmental Protection Agency Action Level.

Sampling was performed by Cocciardi representatives Mr. Matthew O'Boyle (Safety, Health, and Environmental Technologist) on February 19, 2020; and by Mr. Ryan Bowers, MS, CSP (Safety, Health and Environmental Specialist) on February 26, 2020 in accordance with procedures enacted by the Environmental Protection Agency². Samples were collected under first-draw and post-flush methodologies, with a minimum of 8-18 hours of non-use and 30 seconds of flush respectively. Sample media included new plastic containers, as supplied by the analytical laboratory, Kirby Memorial Health Center (Kirby) in Wilkes Barre, Pennsylvania. Sample locations were selected by Cocciardi in consultation with SSD representatives and were based on expectation of consumption by students.

Samples were hand delivered, on ice, to Kirby following collection. All samples were collected and analyzed in accordance with U.S. Environmental Protection Agency (EPA) Method 200.9. Results, summarized in Table I, were compared to the following existing EPA criteria and action levels.

¹ Pennsylvania School Code; Act 39; Section 742: Lead Testing, 2018

² U.S. Environmental Protection Agency; 3Ts for reducing lead in Drinking Water

4 Kacey Court • Mechanicsburg, PA 17055-5596 • (717) 766-4500 • FAX (717) 766-3999
1337 Veterans Memorial Drive • Jessup, PA 18434 • (570) 291-0030 • FAX (570) 291-0035

www.cocciardi.com

- EPA³: 15 parts per billion (ppb)

The laboratory analytical report and associated chain of custody are attached in Appendix A.

Table I Summary of Analytical Results: Lead in Drinking Water West Scranton High School- Rooms 202 and 206 February 19 and 26, 2020		
Location/Source	Sample ID	Result (ppb)
Floor: 2nd Source: Sink Location: Room 202 First Draw	WSHS-Pb-01	6
Floor: 2 nd Source: Sink Location: Room 202 Post Flush	WSHS-Pb-02	ND
Floor: 2 nd Source: Sink Location: Room 206 class sink First Draw	WSHS-Pb-03	13
Floor: 2 nd Source: Sink Location: Room 206 class sink Post Flush	WSHS-Pb-04	ND
Floor: 2 nd Source: Sink Location: Room 206 back room First Draw	WSHS-PB-05	ND
Floor: 2 nd Source: Sink Location: Room 206 back room Post Flush	WSHS-PB-06	ND

Table I:

ppb: Parts per billion
ND: No Lead Detected in sample above Limit of Detection

CONCLUSIONS/RECOMMENDATIONS:

C/R-1: Testing of targeted drinking water sources identified the following:

- All results were below the EPA Action Level. No further action is required for these sources at this time.

C/R-2: Communicate the findings from this sampling event and response measures with all affected parties, including staff and parents. Communication can be accomplished via posting results (i.e. centrally located in the administration office) and/or on the school district website.

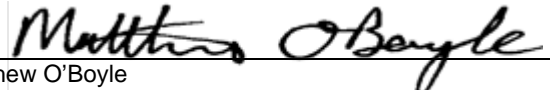
³ U.S. Environmental Protection Agency; National Primary Drinking Water Regulations, Lead & Copper Rule; 40 CFR 141 Subpart I

CERTIFICATION:

The information contained in this report is believed to be accurate and true to the best knowledge of the inspector(s). Findings and recommendations for this investigation are based on the observations of the conditions, as they existed at that time. The inspector(s) and Cocciardi and Associates, Inc. assumes no liability for financial or health consequences due to actions or lack of actions taken by the client as a result of this inspection.
Sincerely,



Rocco DiPietro, CSP
Safety, Health and Environmental Professional
Cocciardi and Associates, Inc.



Matthew O'Boyle
Safety, Health and Environmental Technologist
Cocciardi and Associates, Inc.

cc: File

Attachments

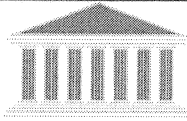
APPENDIX A

The Laboratory Analytical Report and Chain of Custody

ANALYSIS REPORT

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KIRBY MEMORIAL HEALTH CENTER

71 N. Franklin Street, Wilkes-Barre, PA 18701 (570)823-5450 FAX(570)825-9926 PADEP#40-115

Cocciardi Associates
1337 Veterans Memorial Drive
Jessup, PA 18434
Attn.: Matthew O'Boyle

03/06/20

SAMPLE ID #: **AB02243**

SAMPLE DESCRIPTION: **Room 202**

COLLECTION DATE/TIME: 02/20/20;07:47

SUBMITTAL DATE/TIME: 02/20/20;10:00

RESULTS:

ANALYSIS	UNITS	RESULT	QUANT LIMIT	ANALYSIS DATE	ANALYSIS TIME	ANALYST	METHOD
Total Lead	mg/l	0.006	0.005	03/03/20	13:46	EJ	EPA 200.9

COMMENTS: Sample is from SSD/WSHS.

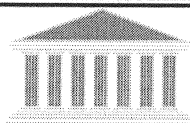
Reviewed, Approved, and Respectfully Submitted by:

Danielle Cappellini, B.Sc., M.H.A.
Director of Laboratory

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Cocciardi Associates
1337 Veterans Memorial Drive
Jessup, PA 18434
Attn.: Matthew O'Boyle

03/06/20

SAMPLE ID #: **AB02244**

SAMPLE DESCRIPTION: **Room 202 Post Flush**

COLLECTION DATE/TIME: 02/20/20;07:50

SUBMITTAL DATE/TIME: 02/20/20;10:00

RESULTS:

ANALYSIS	UNITS	RESULT	QUANT LIMIT	ANALYSIS DATE	ANALYSIS TIME	ANALYST	METHOD
Total Lead	mg/l	None detected	0.005	03/03/20	13:48	EJ	EPA 200.9

COMMENTS: Sample is from SSD/WSHS.

Reviewed, Approved, and Respectfully Submitted by:

Danielle Cappellini, B.Sc., M.H.A.
Director of Laboratory

A. E. KIRBY MEMORIAL HEALTH CENTER

CHAIN OF CUSTODY

SAMPLE SUBMISSION RECORD

Lead in Schools

Cacciardi - Asper 23
4/20/20

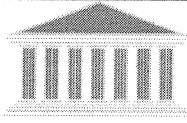
09/18

REPORT TO: <u>Matthew O'Boyle</u> ATTN: <u>SSD Drinking Water Sampling</u>		PROJECT NAME: <u>SSD Drinking Water Sampling</u>		ANALYSES TO BE PERFORMED																	
ADDRESS: <u>1337 Veterans Memorial Drive</u>		AT: <u>at WSHS</u>																			
CITY: <u>Jessup, PA</u>		STATE: <u>PA</u>																			
ZIP: <u>18434</u>		COUNTRY: <u>USA</u>																			
ATTN: <u>Matthew O'Boyle</u>		FAX: <u></u>																			
PHONE: <u>570-291-0030</u>		EMAIL: <u>moboyl@ccacciardi.com</u>																			
INVOICE TO: <u></u>		BILL TO: <u></u>																			
PO NUMBER: <u></u>		ORDER NUMBER: <u></u>																			
KHC SAMPLE #		SAMPLE LOCATION		DATE SAMPLED		TIME SAMPLED		SAMPLER (INITIALS)		BOTTLE QUANTITY/SIZE		See Codes Below		Matrix		Bottle Type		Preservative		Lead	
WSHS-Pb-1		Room 202		2-20-2020		7:47 A		MO		1/250 ml		G		PW		P		NA		X	
WSHS-Pb-2		Room 202 post flush		2-20-2020		7:50 A		MO		1/250 ml		G		PW		P		NA		X	
WSHS-Pb-3		Room 206		2-20-2020		7:55 A		MO		1/250 ml		G		PW		P		NA		X	
WSHS-Pb-4		Room 206 post flush		2-20-2020		7:57 A		MO		1/250 ml		G		PW		P		NA		X	
										1/250 ml		G		PW		P		NA		X	
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71 N. Franklin Street, Wilkes-Barre, PA 18701 (570)823-5450 FAX(570)825-9926 PADEP#40-115

Cocciardi Associates
1337 Veterans Memorial Drive
Jessup, PA 18434
Attn.: Matthew O'Boyle

03/06/20

SAMPLE ID #: AB02435	SAMPLE DESCRIPTION: SSD 206 First Draw
COLLECTION DATE/TIME: 02/26/20;09:00	SUBMITTAL DATE/TIME: 02/26/20;10:05

RESULTS:

ANALYSIS	UNITS	RESULT	QUANT LIMIT	ANALYSIS DATE	ANALYSIS TIME	ANALYST	METHOD
Total Lead	mg/l	0.013	0.005	03/04/20	16:57	EJ	EPA 200.9

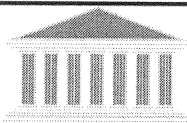
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Cocciardi Associates
1337 Veterans Memorial Drive
Jessup, PA 18434
Attn.: Matthew O'Boyle

03/06/20

SAMPLE ID #: **AB02436**

SAMPLE DESCRIPTION: **SSD 206 Flush**

COLLECTION DATE/TIME: 02/26/20;09:00

SUBMITTAL DATE/TIME: 02/26/20;10:05

RESULTS:

ANALYSIS	UNITS	RESULT	QUANT LIMIT	ANALYSIS DATE	ANALYSIS TIME	ANALYST	METHOD
Total Lead	mg/l	None detected	0.005	03/04/20	16:59	EJ	EPA 200.9

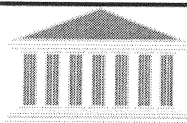
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Cocciardi Associates
1337 Veterans Memorial Drive
Jessup, PA 18434
Attn.: Matthew O'Boyle

03/06/20

SAMPLE ID #: **AB02437**

SAMPLE DESCRIPTION: **SSD 202 First Draw**

COLLECTION DATE/TIME: 02/26/20;08:55

SUBMITTAL DATE/TIME: 02/26/20;10:05

RESULTS:

ANALYSIS	UNITS	RESULT	QUANT LIMIT	ANALYSIS DATE	ANALYSIS TIME	ANALYST	METHOD
Total Lead	mg/l	None detected	0.005	03/04/20	17:11	EJ	EPA 200.9

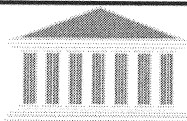
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Cocciardi Associates
1337 Veterans Memorial Drive
Jessup, PA 18434
Attn.: Matthew O'Boyle

03/06/20

SAMPLE ID #: **AB02438**

SAMPLE DESCRIPTION: **SSD 202 Post Flush**

COLLECTION DATE/TIME: 02/26/20;08:55

SUBMITTAL DATE/TIME: 02/26/20;10:05

RESULTS:

ANALYSIS	UNITS	RESULT	QUANT LIMIT	ANALYSIS DATE	ANALYSIS TIME	ANALYST	METHOD
Total Lead	mg/l	None detected	0.005	03/04/20	17:13	EJ	EPA 200.9

Reviewed, Approved, and Respectfully Submitted by:

Danielle Cappellini, B.Sc., M.H.A.
Director of Laboratory

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