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W: www.element.com

February 28, 2023

Aija Putelis 120 Water Audit PO Box 604 ZIONSVILLE, IN 46077

RE: Education Support Center

Dear Aija Putelis: Lot Id: 140223

Element Materials Technology – Fort Wayne received 38 sample(s) on 2/13/2023 for the analyses presented in the following report.

In accordance with your instructions, a laboratory of Element Materials Technology Fort Wayne LLC either conducted or subcontracted theses analyses. Subcontracted analyses will be identified in an accompanying case narrative and any associated report(s) will be attached in full. Unless otherwise noted in the case narrative, all analyses were conducted using approved methodologies. Reported results relate only to the items tested.

Estimated uncertainty is available upon request. This report shall not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions regarding these test results, please feel free to call.

Sincerly,

Megan Krauskopf Project Manager

Suite 100, 328 Ley Road,

Megan Vanlyf

Fort Wayne, IN 46825

Cert #
E871168
6190.02
M-02-05
M-03-02
M-71-02
9030
04911





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**Analytical Report** 

Bill To: 120 Water Audit

PO Box 604

ZIONSVILLE, IN, United States

46077

Attn: Accounts Payable

Sampled By: JH Company:

Project ID: **Education Support** Center Project Name:

IFA\_LIF\_2019

Project Location:

LSD:

P.O.: Proj. Acct. code: Lot ID: 140223

Control Number:

Date Received: Feb 13, 2023 Date Reported: Feb 28, 2023

Reference Number Sample Description				nple Date ole Matrix		23-02-07 07:00 inking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analysi Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	1.5	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number				nple Date		23-02-07 07:01		
Sample Description	102 Initial		Samp	ole Matrix	Dri	inking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.7	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-3		San	nple Date	20	23-02-07 07:02		
Sample Description	103 Initial		Samp	ole Matrix	Dri	inking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.6	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-4		San	nple Date	20	23-02-07 07:02		
Sample Description	104 Initial		Samp	ole Matrix	Dri	inking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	3.1	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-5		San	nple Date	20	23-02-07 07:04		
Sample Description	106 Initial		Samp	ole Matrix	Dri	inking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC								
Lead	Total	52.7	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-6		San	nple Date	20	23-02-07 07:05		
Sample Description	106 Flush		Samp	ole Matrix	Dri	inking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC								
Lead	Total	3.0	μg/L		1	0.2	Feb 27, 2023 05:	48 FR





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Project ID: **Education Support** 

Center

IFA\_LIF\_2019

Project Name: Project Location:

LSD:

P.O.: Proj. Acct. code:

Lot ID: 140223

Control Number:

Date Received: Feb 13, 2023 Date Reported: Feb 28, 2023

company.								
Reference Number Sample Description			Sample Sample			23-02-07 07:08 nking Water		
Analyte		Result	Units	Qal I	DF	Nominal DL	Analysis Start Date/Time	Analys Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.6	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-8		Sample	e Date	202	23-02-07 07:09		
Sample Description	109 Initial		Sample	Matrix	Drii	nking Water		
Analyte		Result	Units	Qal I	DF	Nominal DL	Analysis Start Date/Time	Analys Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	3.0	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-9		Sample	e Date	202	23-02-07 07:10		
Sample Description	110 Initial		Sample	Matrix	Drii	nking Water		
Analyte		Result	Units	Qal I	DF	Nominal DL	Analysis Start Date/Time	Analys Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	8.1	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-10		Sample	e Date	202	23-02-07 07:10		
Sample Description	110 Flush		Sample	Matrix	Drii	nking Water		
Analyte		Result	Units	Qal I	DF	Nominal DL	Analysis Start Date/Time	Analys Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.8	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-11		Sample	e Date	202	23-02-07 07:11		
Sample Description	111 Initial		Sample	Matrix	Dri	nking Water		
Analyte		Result	Units	Qal I	DF	Nominal DL	Analysis Start Date/Time	Analysi Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.4	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-12		Sample	e Date	202	23-02-07 07:11		
Sample Description	111 Flush		Sample			nking Water		
Analyte		Result	Units	Qal I	DF	Nominal DL	Analysis Start Date/Time	Analys Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.3	μg/L		1	0.2	Feb 27, 2023 05:	48 FR





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Sampled By: JH Company:

Project ID: **Education Support** 

Center

Project Name:

Project Location:

LSD:

P.O.: Proj. Acct. code:

IFA\_LIF\_2019

Control Number:

Date Received: Feb 13, 2023 Date Reported: Feb 28, 2023

Lot ID: 140223

company.								
Reference Number Sample Description			•	ple Date e Matrix		23-02-07 07:12 nking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analys Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	<0.2	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-14		Samp	ple Date	202	23-02-07 07:13		
Sample Description	113 Initial		Sample	e Matrix	Dri	nking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	<0.2	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-15		Samı	ple Date	202	23-02-07 07:13		
Sample Description	113 Flush		Sample	e Matrix	Dri	nking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	<0.2	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-16		Samı	ple Date	202	23-02-07 07:14		
Sample Description	115 Initial		Sample	e Matrix	Dri	nking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.3	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-17		Samı	ple Date	202	23-02-07 07:15		
Sample Description	116 Initial		Sample	e Matrix	Dri	nking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	1.0	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-18		Samı	ple Date	202	23-02-07 07:15		
Sample Description	116 Flush		Sample	e Matrix	Dri	nking Water		
Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.6	μg/L		1	0.2	Feb 27, 2023 05:	48 FR





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LSD:

P.O.:

Project Location:

Proj. Acct. code:

**Education Support** 

IFA\_LIF\_2019

Center

Control Number:

Date Received: Feb 13, 2023

Feb 28, 2023 Date Reported:

Lot ID: 140223

Report Number: 240987

Reference Number 140223-19 Sample Date 2023-02-07 07:19 Sample Description 118 Initial Sample Matrix **Drinking Water Analyst Analysis Start Analyte** Result Units Qal DF **Nominal DL** Date/Time Initials Metals - Total in Water by ICP-MS Lead Total 8.0 μg/L 1 0.2 Feb 27, 2023 05:48 FR Reference Number 140223-20 Sample Date 2023-02-07 07:19 Sample Description 118 Flush Sample Matrix **Drinking Water Analysis Start** Analyst **Analyte** Result Units DF **Nominal DL** Qal Date/Time Initials Metals - Total in Water by ICP-MS  $\mu g/L$ Lead 0.7 0.2 Feb 27, 2023 05:48 FR Total 1 Reference Number 140223-21 Sample Date 2023-02-07 07:20 Sample Description 119 Initial Sample Matrix **Drinking Water Analysis Start Analyst** Units **Nominal DL** Analyte Result DF Qal Date/Time Initials Metals - Total in Water by ICP-MS Lead Feb 27, 2023 05:48 FR Total 3.1 μg/L 1 0.2 Reference Number 140223-22 Sample Date 2023-02-07 07:21 Sample Description 119 Flush Sample Matrix **Drinking Water Analysis Start** Analyst **Analyte** Result Units Qal DF **Nominal DL** Date/Time Initials Metals - Total in Water by ICP-MS Lead Total 0.6 μg/L 1 0.2 Feb 27, 2023 05:48 FR Reference Number 140223-23 Sample Date 2023-02-07 07:23 Sample Description 120 Initial **Drinking Water Sample Matrix** Analysis Start Analyst Analyte Result DF Units Qal **Nominal DL** Date/Time Initials Metals - Total in Water by ICP-MS Lead Feb 27, 2023 05:48 FR Total < 0.2 μg/L 1 0.2 Reference Number 140223-24 Sample Date 2023-02-07 07:23 Sample Description 120 Flush Sample Matrix **Drinking Water Analysis Start** Analyst Analyte Result Units Qal DF **Nominal DL** Date/Time Initials Metals - Total in Water by ICP-MS

1.5

μg/L

1

0.2

Feb 27, 2023 05:48 FR

Total

Lead





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Project ID: Project Name:

Project Location:

LSD:

P.O.: IFA\_LIF\_2019 Proj. Acct. code:

**Education Support** 

Center

Lot ID: 140223 Control Number:

Date Received: Feb 13, 2023 Date Reported: Feb 28, 2023

Company.								
Reference Number Sample Description			Sample Sample M			23-02-07 07:24 inking Water		
Analyte		Result	Units (	Qal	DF	Nominal DL	Analysis Start Date/Time	Analys Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.7	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number			Sample			23-02-07 07:24		
Sample Description	122 Initial		Sample M	latrix	Dri	inking Water		
Analyte		Result	Units (	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.3	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-27		Sample	Date	20	23-02-07 07:25		
Sample Description	124 Initial		Sample M	<b>l</b> atrix	Dri	inking Water		
Analyte		Result	Units (	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	1.9	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-28		Sample	Date	20	23-02-07 07:27		
Sample Description	126 Initial		Sample M	<b>l</b> atrix	Dri	inking Water		
Analyte		Result	Units (	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	26.2	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-29		Sample	Date	20	23-02-07 07:28		
Sample Description	126 Flush		Sample M	<b>l</b> atrix	Dri	inking Water		
Analyte		Result	Units (	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC								
Lead	Total	4.2	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-30		Sample	Date	20	23-02-07 07:29		
Sample Description	127 Initial		Sample M	<i>l</i> atrix	Dri	inking Water		
Analyte		Result	Units (	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.9	μg/L		1	0.2	Feb 27, 2023 05:	48 FR





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**Analytical Report** 

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46077

Attn: Accounts Payable

Sampled By: JH Company:

Project ID: Project Name:

Project Location:

LSD: P.O.:

Proj. Acct. code:

**Education Support** 

IFA\_LIF\_2019

Lot ID: 140223 Center

Control Number:

Date Received: Feb 13, 2023 Date Reported: Feb 28, 2023

оотрану.								
Reference Number Sample Description			Sample Da Sample Mati			23-02-07 07:30 nking Water		
Analyte		Result	Units Qal		)F	Nominal DL	Analysis Start Date/Time	Analys Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.4	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number			Sample Da			23-02-07 07:35		
Sample Description	128 Initial		Sample Mat	rix	Dri	nking Water		
Analyte		Result	Units Qal		)F	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.8	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-33		Sample Da	ate	202	23-02-07 07:36		
Sample Description	129 Initial		Sample Mat	rix	Dri	nking Water		
Analyte		Result	Units Qal		)F	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	<0.2	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-34		Sample Da	ate	202	23-02-07 07:37		
Sample Description	130 Initial		Sample Mat	rix	Dri	nking Water		
Analyte		Result	Units Qal		)F	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	P-MS							
Lead	Total	0.7	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-35		Sample Da	ate	202	23-02-07 07:45		
Sample Description	131 Initial		Sample Mat	rix	Dri	nking Water		
Analyte		Result	Units Qal		)F	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC								
Lead	Total	6.4	μg/L		1	0.2	Feb 27, 2023 05:	48 FR
Reference Number	140223-36		Sample Da	ate	202	23-02-07 07:46		
Sample Description	132 Initial		Sample Mat	rix	Dri	nking Water		
Analyte		Result	Units Qal		)F	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by IC	CP-MS							
Lead	Total	24.4	μg/L		1	0.2	Feb 27, 2023 05:	48 FR



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**Analytical Report** 

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PO Box 604

ZIONSVILLE, IN, United States

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46077

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Project ID:

**Education Support** 

IFA\_LIF\_2019

Center

Project Name:

Project Location:

LSD:

P.O.: Proj. Acct. code: Lot ID: 140223

Control Number:

Date Received: Feb 13, 2023 Date Reported: Feb 28, 2023

Analysis Start

Analyet

Report Number: 240987

Reference Number 140223-37 Sample Description 133 Initial

Sample Date Sample Matrix

2023-02-07 07:47 **Drinking Water** 

Analyte		Result	Units	Qal	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in V	Vater by ICP-MS							
Lead	Total	2.4	μg/L		1	0.2	Feb 27, 2023 05:	48 FR

Reference Number 140223-38 Sample Description 133 Flush

Sample Date 2023-02-07 07:47 **Sample Matrix Drinking Water** 

Analyte		Result	Units	Qal	DF	Nominal DL	Date/Time	Initials
Metals - Total in V	Vater by ICP-MS							
Lead	Total	<0.2	μg/L		1	0.2	Feb 27, 2023 05:	48 FR

Approved by:

Megan Yuntyl Project Manager



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**Methodology and Notes** 

Bill To: 120 Water Audit

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Project ID: Project Name: **Education Support** 

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Proj. Acct. code:

LSD:

P.O.: IFA\_LIF\_2019

Lot ID: 140223 Control Number:

Date Received: Feb 13, 2023 Date Reported: Feb 28, 2023

Report Number: 240987

**Method of Analysis** 

Method Name Reference Method

Date Analysis Location

Started

Metals ICP-MS Total in water EPA Trace Elements in Waters and Wastes by

Feb 27, 2023

Fort Wayne

Page 9 of 9

Inductively Coupled Plasma-Mass

Spectrometry, E200.8

References

EPA

United States Environmental Protection Agency

Please direct any inquiries regarding this report to our Client Services group. Results relate only to samples as submitted.

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