



Foster Plaza 8
Suite 400, 730 Holiday Drive
Pittsburgh, PA 15220
t 412-503-4343
gannettfleming.com

December 7, 2023

Dr. Eric Ritzert, Superintendent
Karns City Area School District
Administrative Office
1446 Kittanning Pike
Karns City, PA 16041

Subject: Karns City Area School District
Potable Water Lead Testing Results

Dear Dr. Ritzert:

Gannett Fleming is pleased to submit a report of the results from the lead testing of potable water fixtures in the District's facilities.

The Junior / Senior High School receives its potable water from Petroleum Valley Regional Water Authority. Sugar Creek Elementary receives its water from Pennsylvania American Water and the Chicora Elementary receives its water from the Chicora Borough Water supply.

In 2018, the Pennsylvania Department of Education amended the Public School Code to encourage school districts to conduct testing for lead in drinking water from fixtures used for human consumption. If the testing reveals lead in excess of the drinking water action level the district is to implement a plan to address lead in the drinking water.

The Department of Education requirements reference the USEPA 3Ts for Reducing Lead in Drinking Water Tool Kit for guidance on how to conduct the sampling. The 3Ts Tool Kit recommends testing at every fixture used for drinking water or for food preparation. Fixtures not used for consumption purposes, such as water fixtures used by staff for housekeeping or faucets in restrooms do not need to be sampled if there is no reason to believe these fixtures are used for consumption. Fixtures known or suspected to not be used for consumption, such as sinks in classrooms, do not need to be sampled.

Sampling for lead and copper content in the drinking water was conducted by Gannett Fleming personnel on November 15, 2023 at each of the schools. The sampling locations were selected based upon the criteria presented above. Drinking water regulations set the lead "Action Level" at 15 µg/L and a copper action level of 1.3 mg/L in first draw one liter samples. If any of the samples collected exceed these action levels, the district should take actions to remove the fixture from service and conduct an investigation to determine the cause of the exceedance.

Chicora Elementary School

A total of five samples were collected from the Chicora Elementary School. Of the five samples collected, one exceeded the 15 µg/L action level. The sample collected from the Kitchen Sink 1

Dr. Eric Ritzert, District Superintendent
December 7, 2023
Page 2

contained 25.5 µg/L of lead in the first draw sample. Follow-up sampling was conducted on December 1, 2023. All three of the kitchen sinks were sampled and none of those samples showed a reportable level of lead.

Sugar Creek Elementary

A total of six samples were collected from the Sugar Creek Elementary School. None of the six samples collected exceeded the lead action level.

Junior / Senior High School

A total of 10 samples were collected from the Junior / Senior High School. None of the 10 samples exceeded the lead action level. However, one sample, the Handicap Fountain located outside of the District Offices had a copper level slightly in excess of the copper action level – 1.3 mg/L. The sample contained 1.34 mg/L of copper. Resampling of that fixture for lead and copper was conducted on December 1, 2023 and the sample contained 0.321 mg/L of copper; well under the copper action level.

The results of the sampling conducted on November 15, 2023 and resampling conducted on December 1, 2023 indicate that locations from which the samples were collected provided water that was under the lead and copper action levels.

Gannett Fleming would like to thank the District's administrative and maintenance staff for their assistance in completing this project. Please feel free to contact us if you have any questions or comments.

Sincerely,
GANNETT FLEMING, INC.

Eric T. Buzza

Eric T. Buzza
Project Manager

Attachments

cc: Steve Andressi, Karns City School District
GF File



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Work Order Case Narrative

WO# 23K1647 AMENDED. This report supersedes all prior report revisions.

Amendment Date: 11/30/23

Initials: CMT

Amendment Reason: Per client, corrected "Chicora Jr./Sr. High School" to "Karns City Jr./Sr High School"

A handwritten signature in blue ink, appearing to read "Paul Bookmyer", is positioned above a horizontal line.

Paul Bookmyer, Technical Director

PA DEP/TNI Accreditation # 03-00457. All analytes accredited unless otherwise specified.

Reported: 11/30/2023 11:57:33AM

Confidential



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: JHS Handicap Fountain
Collection Method: Grab

Sample Number: 23K1647-01
Collection: 11/15/2023 10:37
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	754	100	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: SHS Home Ec Sink 4
Collection Method: Grab

Sample Number: 23K1647-02
Collection: 11/15/2023 10:48
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	212	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District

Project: Karns City Jr/Sr High School

Sample: Band Room Handicap Fountain

Collection Method: Grab

Sample Number: 23K1647-03

Collection: 11/15/2023 10:50

Received: 11/15/2023 12:00

Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	933	100	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: SHS Locker Bottle Filler
Collection Method: Grab

Sample Number: 23K1647-04
Collection: 11/15/2023 10:44
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	196	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: JHS Locker Bottle Filler
Collection Method: Grab

Sample Number: 23K1647-05
Collection: 11/15/2023 10:40
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	80.1	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: Nurse's Suite Sink
Collection Method: Grab

Sample Number: 23K1647-06
Collection: 11/15/2023 10:42
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	421	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	2.13	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: District Office Handicap Fountain
Collection Method: Grab

Sample Number: 23K1647-07
Collection: 11/15/2023 10:33
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result		RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals									
	Copper	1340		100	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	4.13	C1	1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: District Office Bottle Filler
Collection Method: Grab

Sample Number: 23K1647-08
Collection: 11/15/2023 10:30
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result		RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals									
	Copper	160		10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1	1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: Kitchen Sink
Collection Method: Grab

Sample Number: 23K1647-09
Collection: 11/15/2023 10:28
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	426	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	1.14	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: Athletic Bottle Filler
Collection Method: Grab

Sample Number: 23K1647-10
Collection: 11/15/2023 10:25
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	121	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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Reported: 11/30/2023 11:57:33AM

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Sample Comments

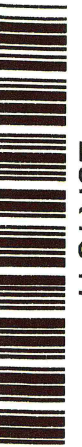
C1 This sample does PASS the Pennsylvania DEP standards for safe drinking water for LEAD. (<0.015 mg/L)

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23K1647



Client Name: Kams City School District				Contact Name: Steve Andreassi				PWSD#		NPDES#			
Address: 1446 Kittanning Pike Kams City PA 16041-1818				Phone: 724-756-2030 Cell: 724-991-7151				Reportable Sample:		RUSH Sample:			
Email:				Check Sample:				See Codes Below					
CWM Lab #	Sample Site	Collection Point	DATE Sampled	GRAB Time Sampled	COMPOSITE Start / End	LAB Temps	Test/Analysis Requested	Field Data/Comments	Preservative	Matrix	Sample Type	Bottle Type	# of Bottles
23K1647	-01	SHS Handco	11/15	1037	1	15.1	Lead and Copper		H	DW	G	P	1
	-02	SHS Handco		1048	1	15.1	Lead and Copper		H	DW	G	P	1
	-03	SHS Locust		1056	1	15.1	Lead and Copper		H	DW	G	P	1
	-04	SHS Locust		1044	1	15.1	Lead and Copper		H	DW	G	P	1
	-05	SHS Locust		1040	1	15.1	Lead and Copper		H	DW	G	P	1
	-06	SHS Locust		1042	1	15.1	Lead and Copper		H	DW	G	P	1
	-07	SHS Locust		1035	1	15.1	Lead and Copper		H	DW	G	P	1
	-08	SHS Locust		1030	1	15.1	Lead and Copper		H	DW	G	P	1
	-09	SHS Locust		1028	1	15.1	Lead and Copper		H	DW	G	P	1
	-10	SHS Locust		1025	1	15.1	Lead and Copper		H	DW	G	P	1
	-01	SHS Locust		911	1	15.1	Lead and Copper		H	DW	G	P	1
	-02	SHS Locust		907	1	15.1	Lead and Copper		H	DW	G	P	1
	-03	SHS Locust		912	1	15.1	Lead and Copper		H	DW	G	P	1
	-04	SHS Locust		920	1	15.1	Lead and Copper		H	DW	G	P	1

Sampled by: *[Signature]* Date: 11/15/23 Time: 11:00
 Relinquished by: *[Signature]* Matrix Key: DW - Drinking Water Rec - Pool/Recreation Water NPW - Non Potable Water R - Raw S - Soil, Solid, Sludge F - Fuel
 Received by: *[Signature]* Sample Type: C = Composite G = Grab M = Micropurg
 Relinquished by: *[Signature]* Sample Comments:
 Received in Lab by: *[Signature]* Sample Conditions: Y N CDC w/ samples Y N Meets hold Times Y N Containers intact Y N Correct bottles for tests Y N Correct # of bottles listed



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Karns City Jr/Sr High School
Sample: Dist. Off, Handicap Fountain
Collection Method: Grab

Sample Number: 23L0938-01
Collection: 12/01/2023 12:20
Received: 12/01/2023 12:48
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	321	10.0	µg/ L	12/02/2023 09:59	12/02/2023 13:40	MTW	EPA 200.8
	Lead	1.19	C1 1.00	µg/ L	12/02/2023 09:59	12/02/2023 13:40	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Sample Comments

C1 This sample does PASS the Pennsylvania DEP standards for safe drinking water for LEAD. (<0.015 mg/L)

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Paul Bookmyer, Technical Director

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Page 3 of 3



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Chicora Elementary
Sample: Library Bottle Filler
Collection Method: Grab

Sample Number: 23K1651-01
Collection: 11/15/2023 09:11
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	17.8	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1a 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Chicora Elementary
Sample: Computer Lab Filler
Collection Method: Grab

Sample Number: 23K1651-02
Collection: 11/15/2023 09:07
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result		RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals									
	Copper	69.8		10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1a	1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Chicora Elementary
Sample: Primary Wing Bottle Filler
Collection Method: Grab

Sample Number: 23K1651-03
Collection: 11/15/2023 09:17
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result		RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals									
	Copper	13.2		10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1a	1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District

Project: Chicora Elementary

Sample: Gym Filler

Collection Method: Grab

Sample Number: 23K1651-04

Collection: 11/15/2023 09:20

Received: 11/15/2023 12:00

Matrix: DW

Cert	Analyte	Result		RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals									
	Copper	29.6		10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1a	1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District

Project: Chicora Elementary

Sample: Kitchen Sink

Collection Method: Grab

Sample Number: 23K1651-05

Collection: 11/15/2023 09:25

Received: 11/15/2023 12:00

Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	237	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	25.5	C1	1.00	µg/ L	11/17/2023 11:34	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Sample Comments

- C1 This sample does NOT PASS the Pennsylvania DEP standards for safe drinking water for LEAD. (<0.015 mg/L)
- C1a This sample does PASS the Pennsylvania DEP standards for safe drinking water for LEAD. (<0.015 mg/L)

A handwritten signature in blue ink, appearing to read "Paul Bookmyer", is positioned above a horizontal line.


Paul Bookmyer, Technical Director

PA DEP/TNI Accreditation # 03-00457. All analytes accredited unless otherwise specified.



**NOT
RECEIVED
on ICE**

101 Parkview Drive Ext Kittanning PA 16201
Phone: 724-543-3011 Fax: 724-543-6768

Client Name: Karns City School District				Contact Name: Steve Andreassi				PWSD#		NPDOS#	
Address: 1446 Kittanning Pike Karns City PA 16041-1818				Phone: 724-756-2030 Cell: 724-991-7151				Reportable Sample: <input type="text"/>		RUSH Sample: <input type="text"/>	
CWM Lab # 23K1651				Sample Site		Collection Point		DATE		DATE	
				Sampled		GRAB		COMPOSITE		LAB	
				Time Sampled		Start / End		Temps		Test/Analysis Requested	
				1037		1		15.1		Lead and Copper	
				1048		1		15.1		Lead and Copper	
				1056		1		15.1		Lead and Copper	
				1044		1		15.1		Lead and Copper	
				1040		1		15.1		Lead and Copper	
				1042		1		15.1		Lead and Copper	
				1033		1		15.1		Lead and Copper	
				1030		1		15.1		Lead and Copper	
				1028		1		15.1		Lead and Copper	
				1025		1		15.1		Lead and Copper	
				911		1		15.1		Lead and Copper	
				907		1		15.1		Lead and Copper	
				917		1		15.1		Lead and Copper	
				920		1		15.1		Lead and Copper	
Sampled by E. B. B. B. Date: 11/15/23 Time: 11:10 Relinquished by E. B. B. B. Date: 11/15/23 Time: 11:10 Received by E. B. B. B. Relinquished by E. B. B. B. Received in Lab by E. B. B. B. Date: 11/15/23 Time: 12:00				Preservative Key: ST = Sodium Thiosulfate A = Ascorbic Acid H = HNO3 C = HCL S = H2SO4 OH = NaOH O = Other NA = None		Matrix Key: DW - Drinking Water Rec - Pool/Recreation Water NPW - Non Potable Water R - Raw S - Soil, Solid, Sludge F - Fuel		Sample Type: C = Composite G = Grab M = Micropurge		Bottles: P = plastic G = glass O = other	
Sample Comments:				Sample Conditions: Y N CDC w/ samples Y N Meets Hold Times Y N Containers Intact Y N Correct bottles for tests Y N Correct # of bottles listed							



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District

Project: Chicora Elementary

Sample: Kitchen Sink #1

Collection Method: Grab

Sample Number: 23L0936-01

Collection: 12/01/2023 12:03

Received: 12/01/2023 12:48

Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	12.3	10.0	µg/ L	12/02/2023 09:59	12/02/2023 13:40	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	12/02/2023 09:59	12/02/2023 13:40	MTW	EPA 200.8

A handwritten signature in blue ink, appearing to read "Paul Bookmyer", is positioned above a horizontal line.

Paul Bookmyer, Technical Director

PA DEP/TNI Accreditation # 03-00457. All analytes accredited unless otherwise specified.



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Chicora Elementary
Sample: Kitchen Sink #2
Collection Method: Grab

Sample Number: 23L0936-02
Collection: 12/01/2023 12:07
Received: 12/01/2023 12:48
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	12.7	10.0	µg/ L	12/02/2023 09:59	12/02/2023 13:40	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	12/02/2023 09:59	12/02/2023 13:40	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District

Project: Chicora Elementary

Sample: Kitchen Sink #3

Collection Method: Grab

Sample Number: 23L0936-03

Collection: 12/01/2023 11:59

Received: 12/01/2023 12:48

Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	15.0	10.0	µg/ L	12/02/2023 09:59	12/02/2023 13:40	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	12/02/2023 09:59	12/02/2023 13:40	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Sample Comments

C1 This sample does PASS the Pennsylvania DEP standards for safe drinking water for LEAD. (<0.015 mg/L)

A handwritten signature in blue ink, appearing to read 'Paul Bookmyer', is positioned above a horizontal line.

Paul Bookmyer, Technical Director

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Client Name: Karns City School District				Contact Name: Steve Andreassi		PWSD#		NPDES#	
Address: 1446 Kittanning Pike Karns City, PA 16041-1818				Phone: 724-756-2030		Cell: 724-991-7151		Reportable Sample: <div style="border: 1px solid black; width: 100px; height: 20px;"></div>	
Email:				Test/Analysis Requested		Field Data/Comments		Preservative	
<div style="display: flex; justify-content: space-between;"> <div> 2340936 CWM Lab # </div> <div> 2340936 Sample Site </div> <div> 2340936 Collection Point </div> <div> 2340936 DATE Sampled </div> <div> 2340936 GRAB Time Sampled </div> <div> 2340936 COMPOSITE Start / End </div> <div> 2340936 LAB Temps </div> </div>				2340936 Test/Analysis Requested Lead & Copper		2340936 Field Data/Comments <div style="border: 1px solid black; width: 100px; height: 20px;"></div>		2340936 Preservative <div style="border: 1px solid black; width: 100px; height: 20px;"></div>	
2340936 Matrix Key: DW - Drinking Water Rec - Pool/Recreation Water NPW - Non Potable Water R - Raw S - Soil, Solid, Sludge F - Fuel Sample Type: C = Composite G = Grab M = Micropurge Bottles: P = plastic G = glass O = other				2340936 Matrix Sample Type		2340936 Bottle Type # of Bottles		2340936 See Codes Below	
Sampled by: Steve Andreassi Date: 12.1.23 Time: 12:48				Matrix Key: DW		Sample Type: C		Bottles: P	
Relinquished by: Steve Andreassi Date: 12/1/23 Time: 12:48				Matrix Key: DW		Sample Type: C		Bottles: P	
Received by: Steve Andreassi Date: 12/1/23 Time: 12:48				Matrix Key: DW		Sample Type: C		Bottles: P	
Relinquished by: Steve Andreassi Date: 12/1/23 Time: 12:48				Matrix Key: DW		Sample Type: C		Bottles: P	
Received in Lab by: TCV Date: 12/1/23 Time: 12:48				Matrix Key: DW		Sample Type: C		Bottles: P	



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Sugar Creek Elementary
Sample: Primary Wing Bottle Filler
Collection Method: Grab

Sample Number: 23K1653-01
Collection: 11/15/2023 09:45
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte		Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals									
	Copper		150	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1	1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

A handwritten signature in blue ink, appearing to read "Paul Bookmyer", is positioned above a horizontal line.

Paul Bookmyer, Technical Director

PA DEP/TNI Accreditation # 03-00457. All analytes accredited unless otherwise specified.



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District

Project: Sugar Creek Elementary

Sample: Nurse's Sink

Collection Method: Grab

Sample Number: 23K1653-02

Collection: 11/15/2023 10:00

Received: 11/15/2023 12:00

Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	65.1	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

Paul Bookmyer, Technical Director

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District

Project: Sugar Creek Elementary

Sample: Secondary Boy's Bathroom Fountain

Collection Method: Grab

Sample Number: 23K1653-03

Collection: 11/15/2023 09:50

Received: 11/15/2023 12:00

Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	112	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District

Project: Sugar Creek Elementary

Sample: Secondary Girl's Bathroom Fountain

Collection Method: Grab

Sample Number: 23K1653-04

Collection: 11/15/2023 09:53

Received: 11/15/2023 12:00

Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	73.1	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

Paul Bookmyer, Technical Director

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CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District
Project: Sugar Creek Elementary
Sample: Kitchen Prep Sink
Collection Method: Grab

Sample Number: 23K1653-05
Collection: 11/15/2023 09:55
Received: 11/15/2023 12:00
Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	213	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

Paul Bookmyer, Technical Director

PA DEP/TNI Accreditation # 03-00457. All analytes accredited unless otherwise specified.



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Customer: Karns City School District

Project: Sugar Creek Elementary

Sample: Gym Filler

Collection Method: Grab

Sample Number: 23K1653-06

Collection: 11/15/2023 09:58

Received: 11/15/2023 12:00

Matrix: DW

Cert	Analyte	Result	RL	Units	Prep Date	Analysis Date	Analyst	Method
Metals								
	Copper	190	10.0	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8
	Lead	<1.00	C1 1.00	µg/ L	11/17/2023 11:34	11/17/2023 14:57	MTW	EPA 200.8

Paul Bookmyer, Technical Director

PA DEP/TNI Accreditation # 03-00457. All analytes accredited unless otherwise specified.



CWM Environmental
101 Parkview Drive Ext.
Kittanning, Pennsylvania 16201
724-543-3011
Lab # 03-457

Lab Analysis Report

Sample Comments

C1 This sample does PASS the Pennsylvania DEP standards for safe drinking water for LEAD. (<0.015 mg/L)

A handwritten signature in blue ink, appearing to read 'Paul Bookmyer', is positioned above a horizontal line.

Paul Bookmyer, Technical Director

PA DEP/TNI Accreditation # 03-00457. All analytes accredited unless otherwise specified.



**NOT
RECEIVED
on ICE**

INTEGRITY

Client Name: Kams City School District				Contact Name: Steve Andreassi				PWSD#		NDCS#			
Address: 1446 Kittanning Pike Kams City PA 16041-1818				Phone: 724-756-2030 Cell: 724-991-7151				Reportable Sample:		RUSH Sample:			
Email:				Check Sample:				See Codes Below					
CWM Lab #	Sample Site	Collection Point	DATE Sampled	GRAB Time Sampled	COMPOSITE Start / End	LAB Temps	Test/Analysis Requested	Field Data/Comments	Preservative	Matrix	Sample Type	Bottle Type	# of Bottles
01-16	Chicago	Chicago	1/15	9:45	1	15.1	Lead and Copper	AD 1/15/23	H	DW	G	P	1
02-17	Chicago	Chicago	1/15	10:00	1	15.1	Lead and Copper		H	DW	G	P	1
03-18	Chicago	Chicago	1/15	9:56	1	15.1	Lead and Copper		H	DW	G	P	1
04-19	Chicago	Chicago	1/15	9:53	1	15.1	Lead and Copper		H	DW	G	P	1
05-20	Chicago	Chicago	1/15	9:55	1	15.1	Lead and Copper		H	DW	G	P	1
06-21	Chicago	Chicago	1/15	9:58	1	15.1	Lead and Copper		H	DW	G	P	1
<div style="text-align: center;">23K1653</div>													
<div style="text-align: center;"> <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper <input type="checkbox"/> Lead and Copper </div>													
Sampled by: E. B. B.				Date: 1/15/23	Time: 11:00								
Relinquished by: E. B. B.													
Received by:													
Relinquished by:													
Received in Lab by: A. B.				Date: 1/15/23	Time: 12:00								
Sample Conditions: Y N													
CIC w/ samples: Y N													
Meets Hold Times: Y N													
Containers Intact: Y N													
Correct bottles for tests: Y N													
Correct # of bottles listed:													
Sample Comments:													
Matrix Key: DW - Drinking Water Rec - Pool/Recreation Water NPW - Non Potable Water R - Raw S - Soil, Solid, Sludge F - Fuel													
Sample Type: C = Composite G = Grab M = Micropurge													
Bottles: P = plastic G = glass O = other													

[illegible]