



**Gannett Fleming**

*Excellence Delivered **As Promised***

January 5, 2022

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 of 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 not 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 December 20, 2021 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. in first draw one liter samples. If any of the samples collected exceed this action level, the district should take actions to remove the fixture from service and conduct an investigation to determine the cause of the exceedance.

**Gannett Fleming, Inc.**

Foster Plaza 8 • Suite 400 • 730 Holiday Drive • Pittsburgh, PA 15220-2728

t: 412.503.4343

[www.gannettfleming.com](http://www.gannettfleming.com)

### **Chicora Elementary School**

A total of seven samples were collected from the Chicora Elementary School. Of the seven samples collected, none exceeded the 15 µg/L action level.

### **Sugar Creek Elementary**

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

The results of the sampling conducted on December 20, 2021 indicate that locations from which the samples were collected provided water that was under the lead action level.

Gannett Fleming would like to thank the District's administrative and maintenance staff for their assistance in competing 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

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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: Library Bottle Filler**  
Collection Method: Grab

Sample Number: 21L2380-01  
Collection: 12/20/2021 09:55  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	22.5	10.0	µg/ L	12/22/2021 13:59	DLH	EPA 200.8
PA-DEP	Lead	<1.00 Cla	1.00	µg/ L	12/22/2021 13:59	DLH	EPA 200.8

Paul Bookmyer, Technical Director



**CWM Environmental**  
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Kittanning, Pennsylvania 16201  
724-543-3011  
Lab # 03-457

### Lab Analysis Report

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

Sample Number: 21L2380-02  
Collection: 12/20/2021 09:56  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	134	10.0	µg/ L	12/22/2021 13:59	DLH	EPA 200.8
PA-DEP	Lead	<1.00 Cla	1.00	µg/ L	12/22/2021 13:59	DLH	EPA 200.8

Paul Bookmyer, Technical Director





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724-543-3011  
Lab # 03-457

### Lab Analysis Report

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

Sample Number: 21L2380-03  
Collection: 12/20/2021 09:58  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	110	10.0	µg/ L	12/22/2021 13:59	DLH	EPA 200.8
PA-DEP	Lead	<1.00 Cla	1.00	µg/ L	12/22/2021 13:59	DLH	EPA 200.8

Paul Bookmyer, Technical Director



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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: 21L2380-04  
Collection: 12/20/2021 10:00  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	31.5	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



**CWM Environmental**  
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Lab # 03-457

### Lab Analysis Report

Customer: Karns City School District  
Project: Chicora Elementary  
**Sample: Primary Wing Handicap Ftn**  
Collection Method: Grab

Sample Number: 21L2380-05  
Collection: 12/20/2021 10:01  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	114	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	1.49 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

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### Lab Analysis Report

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

Sample Number: 21L2380-06  
Collection: 12/20/2021 10:10  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	35.6	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

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### Lab Analysis Report

Customer: Karns City School District  
Project: Chicora Elementary  
**Sample: Kitchen Prep Sink**  
Collection Method: Grab

Sample Number: 21L2380-07  
Collection: 12/20/2021 10:12  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	44.5	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



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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)
- C1a      This sample does PASS the Pennsylvania DEP standards for safe drinking water for LEAD.

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

Paul Bookmyer, Technical Director



Client Name: Karns City School District				Contact Name: Steve Andreassi				PWSID#	NPDES#				
Address: 1446 Kittanning Pike Karns City PA 16041-1818				Phone: 724-756-2030		Cell: 724-991-7151		Reportable Sample: <input type="checkbox"/>	RUSH Sample: <input type="checkbox"/>				
				Email:		Check Sample: <input type="checkbox"/>		See Codes Below					
21L2380 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	Library Bottle Filler	12/20/21	9:55	/	14.9	Lead and Copper		H	DW	G	P	1	
02	Secondary wing Bottle Filler	12/20/21	9:56	/	13.6	Lead and Copper		H	DW	G	P	1	
03	Computer lab Bottle Filler	12/20/21	9:58	/	13.9	Lead and Copper		H	DW	G	P	1	
04	Primary wing Bottle Filler	12/20/21	10:00	/	15.0	Lead and Copper		H	DW	G	P	1	
05	Primary wing Handicap Fth	12/20/21	10:01	/	15.3	Lead and Copper		H	DW	G	P	1	
06	Gym Bottle Filler	12/20/21	10:10	/	14.2	Lead and Copper		H	DW	G	P	1	
07	Kitchen Prep sink	12/20/21	10:12	/	17.3	Lead and Copper		H	DW	G	P	1	
				/		Lead and Copper		H	DW	G	P	1	
				/		Lead and Copper		H	DW	G	P	1	
				/		Lead and Copper		H	DW	G	P	1	
				/		Lead and Copper		H	DW	G	P	1	
				/		Lead and Copper		H	DW	G	P	1	
				/		Lead and Copper		H	DW	G	P	1	
				/		Lead and Copper		H	DW	G	P	1	

Sampled by: Eric Buzzell	Date: 12/20/21	Time: 10:15	Preservative Key: ST = Sodium Thiosulfate A = Ascorbic Acid H = HNO3 C = HCL S = H2SO4 OH = NaOH O = Other NA = None
Relinquished by: E. Buzzell	Date: 12/20/21	Time: 11:00	Matrix Key: DW - Drinking Water Rec - Pool/Recreation Water NPW - Non Potable Water R - Raw S - Soil, Solid, Sludge F - Fuel
Received by:			Sample Type: C = Composite G = Grab M = Micropurge Bottles: P = plastic G = glass O = other
Relinquished by:			Sample Comments:
Received in Lab by: [Signature]	Date: 12/20/21	Time: 11:00	Sample Conditions: <input checked="" type="checkbox"/> N CDC w/ samples <input checked="" type="checkbox"/> N Meets Hold Times <input checked="" type="checkbox"/> N Containers Intact <input checked="" type="checkbox"/> N Correct bottles for tests <input checked="" type="checkbox"/> N Correct # of bottles listed



**Suggested Directions for Homeowner Tap Sample Collection Procedures**  
*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

1. Prior arrangements will be made with you, the customer, to coordinate the sample collection. Dates will be set for sample kit delivery and pick-up by water system staff.
2. There must be a minimum of 6 hours during which there is no water used from the tap where the sample will be collected and any taps adjacent or close to that tap. Either early mornings or evenings upon returning home are the best sampling times to ensure that the necessary stagnant water conditions exist. Do not intentionally flush the water line before the start of the 6 hour period.
3. Use a kitchen or bathroom cold-water faucet for sampling. If you have water softeners on your kitchen taps, collect your sample from the bathroom tap that is not attached to a water softener, or a point of use filter, if possible. Do not remove the aerator prior to sampling. Place the opened sample bottle below the faucet and open the cold water tap as you would do to fill a glass of water. Fill the sample bottle to the line marked "1000-mL" and turn off the water.
4. Tightly cap the sample bottle and place in the sample kit provided. Please review the sample kit label at this time to ensure that all information contained on the label is correct.
5. If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information on the label as provided. Also if your sample was collected from a tap with a water softener, note this as well.
6. Place the sample kit in the same location the kit was delivered to so that water system staff may pick up the sample kit.
7. Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

Call Steve at (724) 991-7151 if you have any questions regarding these instructions.

Public Water Systems must retain these signed records for a minimum of 12 years. Please include one copy of this form with your Consumer Notice certification to the EPA.

<b>TO BE COMPLETED BY RESIDENT</b>			
Water was last used:	Time <u>3:00 pm</u>	Date <u>12.17.21</u>	
Sample was collected:	Time <u>9:55 am</u>	Date <u>12.20.21</u>	
Street Address: <u>205 Kittanning Pike Chicora PA 16025</u>			
Sample Location & faucet (e.g. Bathroom sink): <u>Library Bottle filler</u>			
I have read the above directions and have taken a tap sample in accordance with these directions.			
Printed Name <u>Steve DeBeass</u>			
Signature <u>[Signature]</u>		Date <u>12.20.21</u>	



**Suggested Directions for Homeowner Tap Sample Collection Procedures**  
**Revised Version: May 2019**

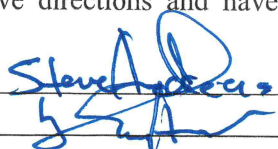
These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

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3. Use a kitchen or bathroom cold-water faucet for sampling. If you have water softeners on your kitchen taps, collect your sample from the bathroom tap that is not attached to a water softener, or a point of use filter, if possible. Do not remove the aerator prior to sampling. Place the opened sample bottle below the faucet and open the cold water tap as you would do to fill a glass of water. Fill the sample bottle to the line marked "1000-mL" and turn off the water.
4. Tightly cap the sample bottle and place in the sample kit provided. Please review the sample kit label at this time to ensure that all information contained on the label is correct.
5. If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information on the label as provided. Also if your sample was collected from a tap with a water softener, note this as well.
6. Place the sample kit in the same location the kit was delivered to so that water system staff may pick up the sample kit.
7. Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

Call Steve at (724) 991-7451 if you have any questions regarding these instructions.

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<b>TO BE COMPLETED BY RESIDENT</b>			
Water was last used:	Time <u>3:00pm</u>	Date <u>12.17.21</u>	
Sample was collected:	Time <u>9:56am</u>	Date <u>12.20.21</u>	
Street Address: <u>205 Kittanning St. Chicora PA 16025</u>			
Sample Location & faucet (e.g. Bathroom sink): <u>Secondary Wing Bottle Filler</u>			
I have read the above directions and have taken a tap sample in accordance with these directions.			
Printed Name	<u>Steve Androssi</u>		
Signature		Date	<u>12.20.21</u>

**Suggested Directions for Homeowner Tap Sample Collection Procedures**  
*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

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5. If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information on the label as provided. Also if your sample was collected from a tap with a water softener, note this as well.
6. Place the sample kit in the same location the kit was delivered to so that water system staff may pick up the sample kit.
7. Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

Call Steve at (724) 991-7157 if you have any questions regarding these instructions.

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<b>TO BE COMPLETED BY RESIDENT</b>			
Water was last used:	Time <u>3:00pm</u>	Date <u>12.17.21</u>	
Sample was collected:	Time <u>9:58am</u>	Date <u>12.20.21</u>	
Street Address: <u>205 Karamina St Chicora PA 16028</u>			
Sample Location & faucet (e.g. Bathroom sink): <u>Computer Lab Bottle Filler</u>			
I have read the above directions and have taken a tap sample in accordance with these directions.			
Printed Name <u>Steve H. D'Amico</u>			
Signature <u>[Signature]</u>		Date <u>12.20.21</u>	



**Suggested Directions for Homeowner Tap Sample Collection Procedures**  
*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

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Call Steve at (724) 991-7151 if you have any questions regarding these instructions.

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<b>TO BE COMPLETED BY RESIDENT</b>			
Water was last used:	Time <u>3:00 am</u>	Date <u>12.17.21</u>	
Sample was collected:	Time <u>10:00 am</u>	Date <u>12.20.21</u>	
Street Address: <u>205 KITTANNING ST, CHICORA PA 16025</u>			
Sample Location & faucet (e.g. Bathroom sink): <u>Primary Wing Bottle Filler</u>			
I have read the above directions and have taken a tap sample in accordance with these directions.			
Printed Name <u>Steve Andrews</u>			
Signature <u>[Signature]</u>		Date <u>12.20.21</u>	

**Suggested Directions for Homeowner Tap Sample Collection Procedures**  
*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

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TO BE COMPLETED BY RESIDENT			
Water was last used:	Time <u><del>5:00 pm</del></u>	Date <u><del>12.17.21</del></u>	2020
Sample was collected:	Time <u>10:01 am</u>	Date <u>12.20.21</u>	
Street Address: <u>205 KITTANNING ST. CHICAGO PA 16025</u>			
Sample Location & faucet (e.g. Bathroom sink): <u>Primary Wing Handicap Restroom</u>			
I have read the above directions and have taken a tap sample in accordance with these directions.			
Printed Name <u>Steve Andreassi</u>			
Signature <u>[Signature]</u>		Date <u>12.20.21</u>	



**Suggested Directions for Homeowner Tap Sample Collection Procedures**  
*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

1. Prior arrangements will be made with you, the customer, to coordinate the sample collection. Dates will be set for sample kit delivery and pick-up by water system staff.
2. There must be a minimum of 6 hours during which there is no water used from the tap where the sample will be collected and any taps adjacent or close to that tap. Either early mornings or evenings upon returning home are the best sampling times to ensure that the necessary stagnant water conditions exist. Do not intentionally flush the water line before the start of the 6 hour period.
3. Use a kitchen or bathroom cold-water faucet for sampling. If you have water softeners on your kitchen taps, collect your sample from the bathroom tap that is not attached to a water softener, or a point of use filter, if possible. Do not remove the aerator prior to sampling. Place the opened sample bottle below the faucet and open the cold water tap as you would do to fill a glass of water. Fill the sample bottle to the line marked "1000-mL" and turn off the water.
4. Tightly cap the sample bottle and place in the sample kit provided. Please review the sample kit label at this time to ensure that all information contained on the label is correct.
5. If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information on the label as provided. Also if your sample was collected from a tap with a water softener, note this as well.
6. Place the sample kit in the same location the kit was delivered to so that water system staff may pick up the sample kit.
7. Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

Call Steve at (724) 991-7151 if you have any questions regarding these instructions.

Public Water Systems must retain these signed records for a minimum of 12 years. Please include one copy of this form with your Consumer Notice certification to the EPA.

<b>TO BE COMPLETED BY RESIDENT</b>			
Water was last used:	Time <u>3:00pm</u>	Date <u>12.17.21</u>	
Sample was collected:	Time <u>10:10 am</u>	Date <u>12.20.21</u>	
Street Address: <u>205 Kirtland St Chicago PA 16025</u>			
Sample Location & faucet (e.g. Bathroom sink): <u>6yr Bottle Filler</u>			
I have read the above directions and have taken a tap sample in accordance with these directions.			
Printed Name <u>Steve Andrews</u>			
Signature <u>[Signature]</u>		Date <u>12.20.21</u>	

**Suggested Directions for Homeowner Tap Sample Collection Procedures**  
*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

1. Prior arrangements will be made with you, the customer, to coordinate the sample collection. Dates will be set for sample kit delivery and pick-up by water system staff.
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5. If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information on the label as provided. Also if your sample was collected from a tap with a water softener, note this as well.
6. Place the sample kit in the same location the kit was delivered to so that water system staff may pick up the sample kit.
7. Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

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Public Water Systems must retain these signed records for a minimum of 12 years. Please include one copy of this form with your Consumer Notice certification to the EPA.

<b>TO BE COMPLETED BY RESIDENT</b>			
Water was last used:	Time <u>3:00pm</u>	Date <u>12.17.21</u>	
Sample was collected:	Time <u>10:12am</u>	Date <u>12.20.21</u>	
Street Address: <u>205 Kirtland St. Chitaca PA 16025</u>			
Sample Location & faucet (e.g. Bathroom sink): <u>Kitchen Prep Sink</u>			
I have read the above directions and have taken a tap sample in accordance with these directions.			
Printed Name <u>Steve Andrews</u>			
Signature <u>[Signature]</u>		Date <u>12.20.21</u>	



**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: 21L2374-01  
Collection: 12/20/2021 10:35  
Received: 12/20/2021 11:10  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	142	10.0	µg/ L	12/22/2021 13:59	DLH	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/22/2021 13:59	DLH	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 - Analytes associated with this are accredited under this matrix through 03-00457 scope expiring January 30, 2022. If no Cert appears next to the analyte no accreditation should be assumed for this matrix. Subcontracted analytes ran under associated laboratory scope of accreditation.

Reported: 12/23/2021 7:47:10AM

Confidential

Page 1 of 14



**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: Nurses Sink**  
Collection Method: Grab

Sample Number: 21L2374-02  
Collection: 12/20/2021 10:37  
Received: 12/20/2021 11:10  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	30.9	10.0	µg/ L	12/22/2021 13:59	DLH	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/22/2021 13:59	DLH	EPA 200.8

Paul Bookmyer, Technical Director





**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 Boys Bathroom Ftn**

Collection Method: Grab

Sample Number: 21L2374-03

Collection: 12/20/2021 10:39

Received: 12/20/2021 11:10

Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	294	10.0	µg/ L	12/22/2021 13:59	DLH	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/22/2021 13:59	DLH	EPA 200.8

Paul Bookmyer, Technical Director

PA DEP - Analytes associated with this are accredited under this matrix through 03-00457 scope expiring January 30, 2022. If no Cert appears next to the analyte no accreditation should be assumed for this matrix. Subcontracted analytes ran under associated laboratory scope of accreditation.

Reported: 12/23/2021 7:47:10AM

**Confidential**

Page 3 of 14



**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 Girls Bathroom Ftn**

Collection Method: Grab

Sample Number: 21L2374-04

Collection: 12/20/2021 10:41

Received: 12/20/2021 11:10

Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	284	10.0	µg/ L	12/22/2021 13:59	DLH	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/22/2021 13:59	DLH	EPA 200.8

Paul Bookmyer, Technical Director

PA DEP - Analytes associated with this are accredited under this matrix through 03-00457 scope expiring January 30, 2022. If no Cert appears next to the analyte no accreditation should be assumed for this matrix. Subcontracted analytes ran under associated laboratory scope of accreditation.

Reported: 12/23/2021 7:47:10AM

**Confidential**

Page 4 of 14



**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: 21L2374-05  
Collection: 12/20/2021 10:44  
Received: 12/20/2021 11:10  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	<10.0	10.0	µg/ L	12/22/2021 13:59	DLH	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/22/2021 13:59	DLH	EPA 200.8

Paul Bookmyer, Technical Director



**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 Bottle Filler**  
Collection Method: Grab

Sample Number: 21L2374-06  
Collection: 12/20/2021 10:50  
Received: 12/20/2021 11:10  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	171	10.0	µg/ L	12/22/2021 13:59	DLH	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/22/2021 13:59	DLH	EPA 200.8

Paul Bookmyer, Technical Director



**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.

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

Paul Bookmyer, Technical Director

## CHAIN OF CUSTODY

Lab # 03-457


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

Page 8 of 14

Client Name: Karns City School District				Contact Name: Steve Andreassi				PWSID#	NPDES#				
Address: 1446 Kittanning Pike Karns City PA 16041-1818				Phone: 724-756-2030		Cell: 724-991-7151		Reportable Sample: <input type="checkbox"/>	RUSH Sample: <input type="checkbox"/>				
				Email:		Check Sample: <input type="checkbox"/>		See Codes Below					
21L2374 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
					/	14.6	Lead and Copper		H	DW	G	P	1
					/	14.4	Lead and Copper		H	DW	G	P	1
					/	16.1	Lead and Copper		H	DW	G	P	1
					/	15.6	Lead and Copper		H	DW	G	P	1
					/	14.3	Lead and Copper		H	DW	G	P	1
					/	15.1	Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1
					/		Lead and Copper		H	DW	G	P	1

21L2374


 NOT  
RECEIVED  
on ICF

Sampled by: Eric Berz	Date: 12/20/11	Time: 11 AM	Preservative Key: ST = Sodium Thiosulfate A = Ascorbic Acid H = HNO3 C = HCL S = H2SO4 OH = NaOH O = Other NA = None	
Relinquished by: E. Berz	Date: 12/20/11	Time: 11:00	Matrix Key: DW - Drinking Water Rec - Pool/Recreation Water NPW - Non Potable Water R - Raw S - Soil, Solid, Sludge F - Fuel	
Received by:			Sample Type: C = Composite G = Grab M = Micropurge Bottles: P = plastic G = glass O = other	
Relinquished by:			Sample Comments:	
Received in Lab by: [Signature]	Date: 12/20/11	Time: 11:00	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	



## Suggested Directions for Homeowner Tap Sample Collection Procedures

*Revised Version: May 2019*

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Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

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5. If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information on the label as provided. Also if your sample was collected from a tap with a water softener, note this as well.
6. Place the sample kit in the same location the kit was delivered to so that water system staff may pick up the sample kit.
7. Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

Call Steve at (724) 991-7151 if you have any questions regarding these instructions.

Public Water Systems must retain these signed records for a minimum of 12 years. Please include one copy of this form with your Consumer Notice certification to the EPA.

### TO BE COMPLETED BY RESIDENT

Water was last used: Time 3:00 pm Date 12.17.21  
 Sample was collected: Time 10:35 am Date 12.20.21

Street Address: 1290 STATE ROUTE 268 Cowansville Pa 15

Sample Location & faucet (e.g. Bathroom sink): Primary wing Bottle Filler

I have read the above directions and have taken a tap sample in accordance with these directions.

Printed Name Steve Andreassi

Signature [Signature] Date 12.20.21

## Suggested Directions for Homeowner Tap Sample Collection Procedures

### Revised Version: May 2019

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

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7. Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

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Public Water Systems must retain these signed records for a minimum of 12 years. Please include one copy of this form with your Consumer Notice certification to the EPA.

#### TO BE COMPLETED BY RESIDENT

Water was last used: Time 3:00pm Date 12.17.21  
 Sample was collected: Time 10:37am Date 12.20.21  
 Street Address: 1290 State Rte 268 Cowansville Pa 16218  
 Sample Location & faucet (e.g. Bathroom sink): Nurse's Suite

I have read the above directions and have taken a tap sample in accordance with these directions.

Printed Name Steve Anderson

Signature [Signature]

Date 12.20.21



## Suggested Directions for Homeowner Tap Sample Collection Procedures

*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

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TO BE COMPLETED BY RESIDENT			
Water was last used:	Time <u>3:00pm</u>	Date <u>12.17.21</u>	
Sample was collected:	Time <u>10:39 AM</u>	Date <u>12.20.21</u>	
Street Address: <u>1290 State Rte 268 Camerontille</u>			
Sample Location & faucet (e.g. Bathroom sink): <u>Secondary Boys BR Farrow</u>			
I have read the above directions and have taken a tap sample in accordance with these directions.			
Printed Name <u>Steve Anderson</u>			
Signature <u>[Signature]</u>		Date <u>12.20.21</u>	

## Suggested Directions for Homeowner Tap Sample Collection Procedures

*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

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### TO BE COMPLETED BY RESIDENT

Water was last used: Time 3:00pm Date 12.17.21  
 Sample was collected: Time 10:41 am Date 12.20.21

Street Address: 1290 STATE Route 268 Crowsville, PA 16218  
 Sample Location & faucet (e.g. Bathroom sink): Secondary Girls' RE Fountain

I have read the above directions and have taken a tap sample in accordance with these directions.

Printed Name

Steve Andreassi

Signature

[Signature]

Date

12.20.21



## Suggested Directions for Homeowner Tap Sample Collection Procedures

*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

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4. Tightly cap the sample bottle and place in the sample kit provided. Please review the sample kit label at this time to ensure that all information contained on the label is correct.
5. If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information on the label as provided. Also if your sample was collected from a tap with a water softener, note this as well.
6. Place the sample kit in the same location the kit was delivered to so that water system staff may pick up the sample kit.
7. Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

Call Steve at (724) 991-7151 if you have any questions regarding these instructions.

Public Water Systems must retain these signed records for a minimum of 12 years. Please include one copy of this form with your Consumer Notice certification to the EPA.

### TO BE COMPLETED BY RESIDENT

Water was last used: Time 3:00pm Date 12.17.21  
 Sample was collected: Time 10:44 am Date 12.20.21  
 Street Address: 1290 State Rte. 268 Canonsville, PA 16218  
 Sample Location & faucet (e.g. Bathroom sink): Kitchen Prep Sink  
 I have read the above directions and have taken a tap sample in accordance with these directions.  
 Printed Name Steve Andrews  
 Signature [Signature] Date 12.20.21

## Suggested Directions for Homeowner Tap Sample Collection Procedures

*Revised Version: May 2019*

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your State under the Lead and Copper Rule, and is being accomplished through a collaboration between the public water system and their consumers (e.g. residents).

Collect samples from a tap that has not been used for at least 6 hours. To ensure the water has not been used for at least 6 hours, the best time to collect samples is either early in the morning or in the evening upon returning from work. Be sure to use a kitchen or bathroom cold water tap that has been used for drinking water consumption in the past few weeks. The collection procedure is described below.

1. Prior arrangements will be made with you, the customer, to coordinate the sample collection. Dates will be set for sample kit delivery and pick-up by water system staff.
2. There must be a minimum of 6 hours during which there is no water used from the tap where the sample will be collected and any taps adjacent or close to that tap. Either early mornings or evenings upon returning home are the best sampling times to ensure that the necessary stagnant water conditions exist. Do not intentionally flush the water line before the start of the 6 hour period.
3. Use a kitchen or bathroom cold-water faucet for sampling. If you have water softeners on your kitchen taps, collect your sample from the bathroom tap that is not attached to a water softener, or a point of use filter, if possible. Do not remove the aerator prior to sampling. Place the opened sample bottle below the faucet and open the cold water tap as you would do to fill a glass of water. Fill the sample bottle to the line marked "1000-mL" and turn off the water.
4. Tightly cap the sample bottle and place in the sample kit provided. Please review the sample kit label at this time to ensure that all information contained on the label is correct.
5. If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information on the label as provided. Also if your sample was collected from a tap with a water softener, note this as well.
6. Place the sample kit in the same location the kit was delivered to so that water system staff may pick up the sample kit.
7. Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

Call Steve at (724) 991-2151 if you have any questions regarding these instructions.

Public Water Systems must retain these signed records for a minimum of 12 years. Please include one copy of this form with your Consumer Notice certification to the EPA.

### TO BE COMPLETED BY RESIDENT

Water was last used: Time 3:00 pm Date 12.17.21  
 Sample was collected: Time 10:50 am Date 12.20.21  
 Street Address: 1290 State Route 268 Caronsville Pa 6218  
 Sample Location & faucet (e.g. Bathroom sink): Gym Bathroom  
 I have read the above directions and have taken a tap sample in accordance with these directions.  
 Printed Name Steve Androssi  
 Signature [Signature] Date 12.20.21



**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 Jr/Sr High School  
**Sample: JHS Handicap Ftn**  
Collection Method: Grab

Sample Number: 21L2381-01  
Collection: 12/20/2021 09:05  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	235	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	1.12 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



**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 Jr/Sr High School  
**Sample: SHS Home Ec Sink 4**  
Collection Method: Grab

Sample Number: 21L2381-02  
Collection: 12/20/2021 09:09  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	109	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



**CWM Environmental**  
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724-543-3011  
Lab # 03-457

### Lab Analysis Report

Customer: Karns City School District  
Project: Chicora Jr/Sr High School  
**Sample: Band Rm Handicap Ftn**  
Collection Method: Grab

Sample Number: 21L2381-03  
Collection: 12/20/2021 09:12  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	367	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	1.13 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director





**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 Jr/Sr High School  
**Sample: SHS Locker Bottle Filler**  
Collection Method: Grab

Sample Number: 21L2381-04  
Collection: 12/20/2021 09:15  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	360	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director





**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 Jr/Sr High School  
**Sample: JHS Locker Bottle Filler**  
Collection Method: Grab

Sample Number: 21L2381-05  
Collection: 12/20/2021 09:20  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	15.7	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



**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 Jr/Sr High School  
**Sample: Nurses Suite Sink**  
Collection Method: Grab

Sample Number: 21L2381-06  
Collection: 12/20/2021 09:25  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	413	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	6.31 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



**CWM Environmental**  
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724-543-3011  
Lab # 03-457

### Lab Analysis Report

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

Sample Number: 21L2381-07  
Collection: 12/20/2021 09:27  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	379	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	1.16 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



**CWM Environmental**  
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Kittanning, Pennsylvania 16201  
724-543-3011  
Lab # 03-457

### Lab Analysis Report

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

Sample Number: 21L2381-08  
Collection: 12/20/2021 09:28  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	45.6	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



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724-543-3011  
Lab # 03-457

### Lab Analysis Report

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

Sample Number: 21L2381-09  
Collection: 12/20/2021 09:30  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	382	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	1.37 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



**CWM Environmental**  
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Kittanning, Pennsylvania 16201  
724-543-3011  
Lab # 03-457

### Lab Analysis Report

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

Sample Number: 21L2381-10  
Collection: 12/20/2021 09:35  
Received: 12/20/2021 11:00  
Matrix: DW

Cert	Analyte	Result	Reporting Limit	Units	Analysis Date	Analyst	Method
<b>Metals</b>							
PA-DEP	Copper	394	10.0	µg/ L	12/30/2021 10:24	MTW	EPA 200.8
PA-DEP	Lead	<1.00 Cl	1.00	µg/ L	12/30/2021 10:24	MTW	EPA 200.8

Paul Bookmyer, Technical Director



**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





Client Name: Karns City School District				Contact Name: Steve Andreassi				PWSID#	NPDES#			
Address: 1446 Kittanning Pike				Phone: 724-756-2030		Cell: 724-991-7151		Reportable Sample: <input type="checkbox"/>	RUSH Sample: <input type="checkbox"/>			
Karns City PA 16041-1818 <i>Chicora Jr/Sr High</i>				Email:		Check Sample: <input type="checkbox"/>		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
21L2381 -01 JK High Handicap Ftn			12/20/21	905	/	13.9	Lead and Copper		H	DW	G	P	1
-02 SWS Home Ec Sink				909	/	15.5	Lead and Copper		H	DW	G	P	1
-03 Band Rm Handicap Ftn				912	/	12.9	Lead and Copper		H	DW	G	P	1
-04 SWS Locker Bottle Filler				915	/	13.4	Lead and Copper		H	DW	G	P	1
-05 JHS Locker Bottle Filler				920	/	14.4	Lead and Copper		H	DW	G	P	1
-06 Nudge Smith Sink				925	/	17.3	Lead and Copper		H	DW	G	P	1
-07 District Office Handicap Ftn				927	/	14.8	Lead and Copper		H	DW	G	P	1
-08 District Office Bottle Filler				928	/	14.1	Lead and Copper		H	DW	G	P	1
-09 Kitchen Sink				930	/	13.3	Lead and Copper		H	DW	G	P	1
-10 Athletic Training Bottle Filler				935	/	15.1	Lead and Copper		H	DW	G	P	1
							Lead and Copper		H	DW	G	P	1
							Lead and Copper	NOT RECEIVED on ICE	H	DW	G	P	1
							Lead and Copper		H	DW	G	P	1
							Lead and Copper		H	DW	G	P	1

21L2381



Sampled by: <i>Eric Buzzo</i>	Date: <i>12/20/21</i>	Time: <i>945</i>	Preservative Key: ST = Sodium Thiosulfate A = Ascorbic Acid H = HNO3 C = HCL S = H2SO4 OH = NaOH O = Other NA = None
Relinquished by: <i>E. Buzzo</i>	Date: <i>12/20/21</i>	Time: <i>1100</i>	Matrix Key: DW - Drinking Water Rec - Pool/Recreation Water NPW - Non Potable Water R - Raw S - Soil, Solid, Sludge F - Fuel
Received by:			Sample Type: C = Composite G = Grab M = Micropurge Bottles: P = plastic G = glass O = other
Relinquished by:			Sample Comments:
Received in Lab by: <i>Josephine Lohm</i>	Date: <i>12/20/21</i>	Time: <i>1100</i>	Sample Conditions: <input checked="" type="checkbox"/> N COC w/ samples <input checked="" type="checkbox"/> N Meets Hold Times <input checked="" type="checkbox"/> N Containers Intact <input checked="" type="checkbox"/> N Correct bottles for tests <input checked="" type="checkbox"/> N Correct # of bottles listed