



American Water
 1115 South Illinois Street
 Belleville, IL 62220-3102
 Phone (618) 235-3600
 Fax (618) 235-6349



Workorder ID: 250 Reynders Street 3Y PbCu

Workorder #: 588273

September 02, 2022

Scott L Sharp
 Pennsylvania American Water
 105 Sodom Rd
 Milton, PA 17847

Client: Pennsylvania American Water
 Profile #: 1976
 Profile Name: Steelton Water
 PWSID: PA7220036

Dear Scott Sharp:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, Aug 29, 2022. All analyses are performed using approved drinking water methodologies and meet method requirements unless otherwise noted. Enclosed are the analytical results for this Workorder only. Each state may not offer certification for all analyses reported.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Cody Cruse, Technical Director

Abbreviation	Description	Abbreviation	Description
AL	Action Level	NELAP	National Environmental Lab Accreditation Program
CCC/V	Continuing Calibration Check/Verification	ND	Not Detected
DF	Dilution Factor	Prim	Primary
ET	Eastern Time	PWSID	Public Water System Identification
EDD	Electronic Data Deliverable	Qual	Qualifier
EPA	Environmental Protection Agency	QC	Quality Control
HAL	Health Advisory Limit	RSD	Relative Standard Deviation
I/LPC	Instrument / Lab Performance Check	RL/PQL	Reporting Limit / Practical Quantitation Limit
LFB / LCS	Lab Fortified Blank / Lab Control Sample	RLV	Report Limit Verification
MS	Matrix Spike	RT	Retention Time
MSD	Matrix Spike Duplicate	Sec	Secondary
MCL	Maximum Contaminant Limit	SM	Standard Method
MDL	Minimum Detection Limit	TNI	The NELAC Institute
NELAC	National Environmental Lab Accreditation Conference	UCMR	Unregulated Contaminant Monitoring Rule



American Water
 1115 South Illinois Street
 Belleville, IL 62220-3102
 Phone (618) 235-3600
 Fax (618) 235-6349



Workorder ID: 250 Reynders Street 3Y PbCu

Workorder #: 588273

Sample Summary

Sample #: 58827301	Sample ID: 250 Reynders Street	Matrix: Drinking Water	Cert Lab ID: 68-00269
PWS ID: PA7220036	Facility ID:	Site ID: 854	Site Sample Type: DS

Detect Summary

Sample ID	Compound Name	Results	Units	RDL	DF	Qual	MCL	
							Sec	Prim
58827301	Copper	0.178	mg/L	0.025	1			1.3490



American Water
 1115 South Illinois Street
 Belleville, IL 62220-3102
 Phone (618) 235-3600
 Fax (618) 235-6349



Workorder ID: 250 Reynders Street 3Y PbCu

Workorder #: 588273

Analytical Results

FOR COMPLIANCE

Sample #: 58827301	Date Collected: 08/17/22 07:00	Facility ID:
Sample ID: 250 Reynders Street	Date Received: 08/29/22 12:51	Site ID: 854
PWS ID: PA7220036	Certified Lab ID: 68-00269	Site Sample Type: DS

Parameter	Result	Unit	RL	DF	Prepared	By	Analyzed	By	Qual	MCL	
										Sec	Prim
* = TNI accredited Underlined = Reported to the State ^ = Provisionally accredited All Times in Eastern Time											
EPA 200.8 - METALS											
* <u>Copper</u>	0.178	mg/L	0.025	1			09/01/22 17:42	JLG			1.3490
* <u>Lead</u>	ND	mg/L	0.001	1			09/01/22 17:42	JLG			0.0150




American Water
 1115 South Illinois Street
 Belleville, IL 62220-3102
 Phone (618) 235-3600
 Fax (618) 235-6349



Workorder ID: 250 Reynders Street 3Y PbCu

Workorder #: 588273

American Water Central Laboratory 1115 South Illinois Street Belleville, IL 62220-3102 (618) 235-3600
 PWSID: PA7220036 Chain of Custody # 588273
 Facility ID: 
 PA 1976 Steelton Water
 Unknown 2 3Y PbCu (1704413) Scheduled Collect: 06/01/2022 Matrix: DW

PRIOR TO SHIPPING - COMPLETE ALL FIELDS				For Lab Use Only		
Location: <u>Unknown 250 Reynders St</u>	SiteID: <u>854</u>	Source: _____	Date: <u>AUG 29 2022</u>	Temp: <u>22°C</u>	Received By: <u>Rbecca Albrity</u>	
Sample Type (RAW,EFF,DIST,etc.): <u>DS</u>			COMMENTS:			
Collector's First Initial and Last Name: <u>CJ. Sheffler</u>			<u>acid added 8-19-22</u>			
Date Collected: <u>8-17-22</u> Time Collected (24hr format): <u>0700</u>						
TAT requested [Requires prior approval] 2wk _____ [1wk _____ 3 day _____ 2 day _____ 1 day _____]			**Collected and preserved in accordance with Method requirements			
Relinquished by	1 <u>Cody Lita</u>	2 _____	3 _____			
Date/Time Relinq	1 <u>8-23-22 1600</u>	2 _____	3 _____			
Compliance/Process	COMP	Field Measurements: Collected volume sufficient for Lead & Copper rule: <u>CC</u>				
Report to State by Lab? (Y/N)	Y					
CCR Report? (Y/N)	Y					
Container ID #	Analysis Description	Cont Code	pH	Cl	Sulfide	Pre-Preservation
58827301-A	Copper (Pb-Cu Rule) DW TT,Lead (Pb-Cu Rule) DW TT		<u>L2</u>			1:1HNO3



American Water
 1115 South Illinois Street
 Belleville, IL 62220-3102
 Phone (618) 235-3600
 Fax (618) 235-6349



Workorder ID: 250 Reynders Street 3Y PbCu

Workorder #: 588273

American Water Central Laboratory

1115 South Illinois Street

Belleville, IL 62220-3102

(618) 235-3600

PWSID: PA7220036

Chain of Custody # 588273

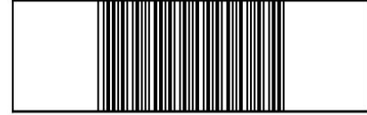
PA 1976 Facility ID:

Steelton Water

Scheduled Collect: 08/25/2022

Unknown 2 3Y PbCu (1704413)

Matrix: DW



PRIOR TO SHIPPING - COMPLETE ALL FIELDS

Location: 250 Reynders Street SiteID: 854
 Sample Type (RAW,EFF,DIST,etc.): DS
 Collector's First Initial and Last Name: ** C. Cutler
 Date Collected: 08/17/2022 Time Collected (24hr format): 07:00 ET

For Lab Use Only

Date: _____ Temp: _____ °C
 Received By: _____

COMMENTS:

TAT requested [Requires prior approval]
 2wk _____ [1wk _____ 3 day _____ 2 day _____ 1 day _____]

**Collected and preserved in accordance with Method requirements

Relinquished by 1 C. Cutler 2 _____ 3 _____
 Date/Time Relinq 1 08/25/2022 13:17 ET 2 _____ 3 _____

Compliance/Process **COMP**
 Report to State by Lab? (Y/N) **Y**
 CCR Report? (Y/N) **Y**

Field Measurements: Collected volume sufficient for Lead & Copper rule: _____

Container ID #	Analysis Description	Cont Code	pH	Cl	Sulfide	Pre-Preservation
58827301-A	Copper (Pb-Cu Rule) DW TT,Lead (Pb-Cu Rule) DW TT					1:1HNO3



American Water
 1115 South Illinois Street
 Belleville, IL 62220-3102
 Phone (618) 235-3600
 Fax (618) 235-6349



Workorder ID: 250 Reynders Street 3Y PbCu

Workorder #: 588273

Steelton Water PA7220036

Consumer Notice of Tap Water Results for Lead

Sample Location: 250 Reynders Street

Date Collected: 08/17/2022

We would like to thank you for your participation in the lead and copper tap monitoring program. Below are the lead and copper results for the sample location listed above. Additional general information regarding lead in drinking water follows. For more information on steps you can take to help reduce your exposure to lead in drinking water and the health effects of lead, visit Pennsylvania American Water website at www.amwater.com/paaw, US Environmental Protection Agency (EPA) website at www.epa.gov/lead, or the CDC website at www.cdc.gov/nceh/lead; you can also call the National Lead Information Center at 800-424-LEAD or your local health care provider. For more information about these results, please call us at 800-565-7292.

ONLY the statement checked below is applicable to your sample

Lead was **NOT DETECTED** at this sample location.

Lead was detected at ____ parts per billion (ppb) at this sample location. This result is **BELOW or AT** the lead action level of 15 parts per billion.

Lead was detected at ____ parts per billion (ppb) at this sample location. This result is **ABOVE** the lead action level of 15 parts per billion. Please call us at the number above to discuss.

ONLY the statement checked below is applicable to your sample

Copper was **NOT DETECTED** at this sample location.

Copper was detected at 0.178 parts per million (ppm) at this sample location. This result is **BELOW or AT** the copper action level of 1.3 parts per million.

Copper was detected at ____ parts per million (ppm) at this sample location. This result is **ABOVE** the copper action level of 1.3 parts per million. Please call us at the number above to discuss.

What does this Mean?

Under the authority of the Safe Drinking Water Act, EPA set the action levels for lead at 15 ppb and copper at 1.3 ppm in drinking water. This means at least 90 percent of the homes sampled (90th percentile value) must be equal to or below this value. The action level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. If water from the tap does exceed this limit, then the utility must take certain steps to correct the problem. Because lead may pose serious health risks, especially pregnant women and young children, the EPA set a Maximum Contaminant Level Goal (MCLG) for lead. The MCLG for lead is zero. The MCLG is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

WE KEEP LIFE FLOWING™

amwater.com





American Water
1115 South Illinois Street
Belleville, IL 62220-3102
Phone (618) 235-3600
Fax (618) 235-6349



Workorder ID: 250 Reynders Street 3Y PbCu

Workorder #: 588273

We are still collecting samples and the 90th percentile lead and copper values will not be calculated until all samples have been collected. These results will be available in your annual water quality report available at www.amwater.com/paaw/water-quality/water-quality-reports and we will notify you if our system exceeds either action level.

What are the Health Effects of Lead?

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants (particularly if they drink formula prepared with water containing elevated levels of lead), young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

What are the Sources of Lead?

The primary sources of lead exposure for most children are deteriorating lead-based paint, lead contaminated dust, and lead-contaminated residential soil through digestion and inhalation. Lead can be found in some toys, some playground equipment, some children's metal jewelry, and some traditional pottery. EPA estimates that 10 to 20 percent of human exposure to lead may come from lead in drinking water. Lead is rarely found in source water but enters tap water through corrosion of plumbing materials. Homes built before 1986 are more likely to have lead pipes, fixtures and solder. New brass faucets, fittings, and valves, including those advertised as "lead-free", may contribute lead to drinking water. The law currently allows end-use brass fixtures, such as faucets, with up to 0.25 percent lead to be labeled as "lead free". However, prior to January 4, 2014, "lead free" allowed up to 8 percent lead content of the wetted surfaces of plumbing products including those labeled National Sanitation Foundation (NSF) certified.

When water has been off and sitting in lead pipes or plumbing systems containing lead for more than 6 hours, the lead may dissolve into your drinking water. This means the first water drawn from the tap in the morning, or later in the afternoon if the water has not been used all day, can contain higher levels of lead.

What Can I Do to Help Reduce Exposure to Lead in Drinking Water?

If detected, lead in drinking water may be due to conditions unique to your home, such as the presence of a lead service line, lead solder, brass faucets or fittings, or valves that may contain lead. We **strongly urge** you to take the steps below to help reduce your exposure to lead in drinking water.

- **Run your water to flush out lead.** If water hasn't been used for several hours, run water from your kitchen tap or whatever tap you use for drinking and cooking for **at least 30 seconds to 2 minutes** and it becomes cold or reaches a steady temperature before using it. This will help flush water that may contain lead from the pipes. To conserve water, catch the running water and use it to water your plants.

WE KEEP LIFE FLOWING™

amwater.com



American Water
1115 South Illinois Street
Belleville, IL 62220-3102
Phone (618) 235-3600
Fax (618) 235-6349



Workorder ID: 250 Reynders Street 3Y PbCu

Workorder #: 588273

- **Look for alternative sources or treatment of water.** You may want to consider purchasing bottle water or a water filter especially pregnant women, breast-feeding women, young children, and formula-fed infants at homes where lead has been detected at levels greater than 15 ppb. If you are considering using a filter, be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010 or www.nsf.org for information on performance standards for water filters.
 - **Use cold water for drinking, cooking, and preparing baby formula.** Do not cook with or drink water from the hot water tap; lead dissolves more easily into hot water. Do not use water from the hot water tap to make baby formula.
 - **Do not boil water to remove lead.** Boiling water will not reduce lead.
- Test your water for lead.** Call us at the number below or contact your health care provider to find out where to get your water tested for lead.
- **Have your child's blood tested.** Contact your local health department or healthcare provider to find out how you can get your child tested for lead, if you are concerned about exposure.
 - **Identify if your plumbing fixtures contain lead.** New brass faucets, fittings, and valves, including those advertised as "lead-free," may contribute lead to drinking water. As of June 19, 1986, new or replaced water serviced lines and new household plumbing materials could not contain more than 8% lead. Lead content was further reduced on January 4, 2014, when plumbing materials must now be certified as "leadfree" to be used (weighted average of wetted surface cannot be more than 0.25% lead). Consumers should be aware of this when choosing fixtures and take appropriate precautions.

For More Information

Call us at 800-272-1325 or visit our website at www.amwater.com/paaw. For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Date of Distribution: _____

WE KEEP LIFE FLOWING™

amwater.com