

# Consumer Notice of Tap Water Result

Dear Consumer,

Carlisle Schools is a public water system (PWS) responsible for providing drinking water that meets state and federal standards. A drinking water sample for lead was collected at this location and the result is:

**Amount of Lead in water:** Less Than 5.0 UG/L  
**Action Level for Lead:** 15 micrograms per liter (ug/L)

**Location of sample:** Carlisle High School  
**Sample collection date:** 8-9-2010  
**PWS's Lead 90<sup>th</sup> Percentile Value:** Less Than 5.0 UG/L

## What Is Being Done?

Our 90th percentile value for lead does not exceed the action level, therefore, there are no actions being implemented at this time other than sharing this consumer notice.

*[If PWS exceeds the lead action level, then the PWS shall explain actions being implemented, such as providing public education, testing the water for corrosivity, developing and/or implementing corrosion treatment, or any other action being taken.]*

## What Does This Mean?

Under the authority of the Safe Drinking Water Act, the U.S. Environmental Protection Agency (EPA) set the action level for lead in drinking water at 15 ug/L. This means PWSs must ensure that water from taps used for human consumption do not exceed this level in at least 90 percent of the sites sampled (90<sup>th</sup> percentile value). The action level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a PWS must follow. Because lead may pose serious health risks, the EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. 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.

## 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, 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 Can I Do To Reduce Exposure to Lead if Found in My Drinking Water?

- **Run your water to flush out lead.** If water has not been used for several hours, run water for thirty seconds to two minutes before using it for drinking or cooking. This helps flush any lead in the water that may have leached from the plumbing.
- **Use cold water for cooking and preparing baby formula.** Do not cook with, drink water, or make baby formula from the hot water tap. Lead dissolves more easily in hot water.
- **Do not boil water to remove lead.** Boiling water will not reduce lead.

**For More Information Please Contact:** *[Insert contact information for your PWS]*, visit US EPA's Web site at [www.epa.gov/lead](http://www.epa.gov/lead), call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.



Division of Drinking and Ground Waters

# Public Drinking Water Lead and Copper Monitoring Report

PWS Name <b>CARLISLE HIGH SCHOOL</b>		PWS I.D. <b>8344612</b>	County <b>WARREN</b>
Street or Box <b>250 JAMAICA ROAD</b>		Phone <b>937-746-1833</b>	Population <b>490</b>
City <b>CARLISLE</b>	Zip Code <b>45005</b>	Monitoring Period <b>JUNE 2010 THRU SEPTEMBER 2010</b>	

Return completed report to your district office no later than 10 days after the end of the monitoring period. Keep a copy in your records for at least 12 years.

Analysis	Laboratory Name	Certification No.
Lead and Copper	<b>TEST AMERICA</b>	<b>4074</b>
Water Quality Pars.		

**NOTICE:** This report is required under Revised Code Sections 6109.04 and 6109.12. Non-compliance may result in civil penalties up to a maximum of \$10,000 per violation under Sections 6109.31 and 6109.33.

### I. Lead and Copper Tap Monitoring (First-Draw)

- a. Number of sampling sites required 10 Number of samples analyzed 10 If number of samples analyzed is less than number of sampling sites required, explain why on back of page.
- b. Were all sampling sites tier 1 sites?  yes  no If no, why? \_\_\_\_\_
- c. Were 50% of your lead samples from sites with Lead Service Lines?  yes  no If no, why? ALL COPPER PIPING
- d. Have any of your sampling sites changed since the last monitoring period?  yes  no If yes, why? \_\_\_\_\_
- e. 90th% Lead Level <5.0 µg/L 90th% Copper Level 73.3 µg/L  
Lead and Copper Tap Monitoring Results must be shown by attaching Ohio EPA forms 5106 and 5107.

### II. Water Quality Parameter Monitoring (Flushed)

- a. Number of distribution sites required \_\_\_\_\_ Number of samples analyzed \_\_\_\_\_ (At least two per site)
- b. Number of entry point sites required \_\_\_\_\_ Number of samples analyzed \_\_\_\_\_ (At least two per site)  
If measured, Water Quality Parameter Monitoring Results must be shown by attaching Ohio EPA form 5108.

### III. Lead and Copper Entry Point Monitoring (Flushed)

Number of sampling sites required \_\_\_\_\_ Number of samples analyzed \_\_\_\_\_  
If measured, Lead and Copper Entry Point Monitoring Results must be shown by attaching Ohio EPA form 5108.

### IV. Required Certification

I certify that each first-draw lead and copper sample collected for our water system was one liter in volume and, to the best of my knowledge, had stood motionless in the service line, or in the interior plumbing of a sampling site, for at least six hours. I further certify that each tap sample collected by residents was taken after the water system informed them of proper sampling procedures.

Name of Responsible Official (printed) <b>CHARLES W. BOSTIC</b>	Signature of Responsible Official <i>Charles W. Bostic</i> WSI-1082127-03	Date <b>8-30-10</b>
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August 17, 2010

Client:

Carlisle Local School District  
724 Fairview Drive  
Carlisle, OH 45005

Attn: Charles Bostic

Work Order: DTH0362  
Project Name: High School  
Project Number: OH8344612

Date Received: 08/09/10

**Samples logged in at Dayton laboratory.**

An executed copy of the Chain of Custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at the number shown above.


SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Sink Tap Kitchen	DTH0362-01	08/09/10 07:45
Sink Tap A.D. Office	DTH0362-02	08/09/10 07:52
Sink Tap Custodial Closet	DTH0362-03	08/09/10 08:45
Sink Tap Training Room	DTH0362-04	08/09/10 08:35
Sink Tap Teacher's Lounge	DTH0362-05	08/09/10 08:28
Sink Tap Special Ed	DTH0362-06	08/09/10 08:22
Sink Tap Home Economics #1	DTH0362-07	08/09/10 08:15
Sink Tap Boy's R.R. Commons	DTH0362-08	08/09/10 08:10
Sink Tap Girl's R.R. Commons	DTH0362-09	08/09/10 08:04
Sink Tap Office	DTH0362-10	08/09/10 07:56

Ohio Certification Number: 4074, 857

*Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.*

*TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.*

Report Approved By:



This report has been electronically signed.

TestAmerica Dayton  
Deborah Olszowka  
Dayton Senior Project Manager

Carlisle Local School District  
 724 Fairview Drive  
 Carlisle, OH 45005  
 Charles Bostic

Work Order: DTH0362  
 Project: High School  
 Project Number: OH8344612

Received: 08/09/10  
 Reported: 08/17/10 11:13

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DTH0362-01 (Sink Tap Kitchen - Drinking Water)</b>					<b>Sampled: 08/09/10 07:45</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	<50.0		ug/L	50.0	5	08/11/10 15:00	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 15:00	CAJ	10H0403	EPA 200.8
<b>Sample ID: DTH0362-02 (Sink Tap A.D. Office - Drinking Water)</b>					<b>Sampled: 08/09/10 07:52</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	51.3		ug/L	50.0	5	08/11/10 15:05	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 15:05	CAJ	10H0403	EPA 200.8
<b>Sample ID: DTH0362-03 (Sink Tap Custodial Closet - Drinking Water)</b>					<b>Sampled: 08/09/10 08:45</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	<50.0		ug/L	50.0	5	08/11/10 15:09	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 15:09	CAJ	10H0403	EPA 200.8
<b>Sample ID: DTH0362-04 (Sink Tap Training Room - Drinking Water)</b>					<b>Sampled: 08/09/10 08:35</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	64.0		ug/L	50.0	5	08/11/10 15:13	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 15:13	CAJ	10H0403	EPA 200.8
<b>Sample ID: DTH0362-05 (Sink Tap Teacher's Lounge - Drinking Water)</b>					<b>Sampled: 08/09/10 08:28</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	68.0		ug/L	50.0	5	08/11/10 15:17	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 15:17	CAJ	10H0403	EPA 200.8
<b>Sample ID: DTH0362-06 (Sink Tap Special Ed - Drinking Water)</b>					<b>Sampled: 08/09/10 08:22</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	69.4		ug/L	50.0	5	08/11/10 15:21	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 15:21	CAJ	10H0403	EPA 200.8
<b>Sample ID: DTH0362-07 (Sink Tap Home Economics #1 - Drinking Water)</b>					<b>Sampled: 08/09/10 08:15</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	102		ug/L	50.0	5	08/11/10 15:26	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 15:26	CAJ	10H0403	EPA 200.8

Carlisle Local School District  
 724 Fairview Drive  
 Carlisle, OH 45005  
 Charles Bostic

Work Order: DTH0362  
 Project: High School  
 Project Number: OH8344612

Received: 08/09/10  
 Reported: 08/17/10 11:13

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: DTH0362-08 (Sink Tap Boy's R.R. Commons - Drinking Water)</b>					<b>Sampled: 08/09/10 08:10</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	<50.0		ug/L	50.0	5	08/11/10 15:57	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 15:57	CAJ	10H0403	EPA 200.8
<b>Sample ID: DTH0362-09 (Sink Tap Girl's R.R. Commons - Drinking Water)</b>					<b>Sampled: 08/09/10 08:04</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	<50.0		ug/L	50.0	5	08/11/10 16:01	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 16:01	CAJ	10H0403	EPA 200.8
<b>Sample ID: DTH0362-10 (Sink Tap Office - Drinking Water)</b>					<b>Sampled: 08/09/10 07:56</b>		<b>Recvd: 08/09/10 10:00</b>		
Total Metals									
Turbidity (screen)	<1.00		NTU	1.00	1	08/11/10 13:54	TMM	10H0393	EPA 180.1
Total/Total Recoverable Metals									
Copper	73.3		ug/L	50.0	5	08/11/10 16:05	CAJ	10H0403	EPA 200.8
Lead	<5.00		ug/L	5.00	5	08/11/10 16:05	CAJ	10H0403	EPA 200.8



