

Monocacy Elementary School Water Quality Report

Monocacy elementary school is classified as a public water system because the water is supplied by a well located on the property. Public water systems are regulated by the Maryland Department of the Environment (MDE) and required to test for lead and copper on a three year cycle. The current report (2016) is attached. Bottled water is provided for drinking and cooking at Monocacy elementary school.



Results Report

Order ID: 6085456

Singh Operational Services, Inc.
8 Rees Drive
Willowstreet, PA 17584

Project: Monocacy E. S.

Attn: Kaitlyn Secora

Regulatory ID: 1150018

Sample Number: 6085456-01
Collector: GUS

Site: Staff Lunch Room Sink
Collect Date: 08/29/2016 7:00 am

Sample ID:
Sample Type: D

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Copper	0.014	mg/L	EPA 200.8	0.010	1	09/22/16	RPV	09/23/16 21:08	RPV
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	09/22/16	RPV	09/23/16 21:08	RPV

Sample Number: 6085456-02
Collector: GUS

Site: Health Room Sink
Collect Date: 08/29/2016 7:06 am

Sample ID:
Sample Type: D

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Copper	0.017	mg/L	EPA 200.8	0.010	1	09/22/16	RPV	09/23/16 21:11	RPV
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	09/22/16	RPV	09/23/16 21:11	RPV

Sample Number: 6085456-03
Collector: GUS

Site: Cafeteria kitchen Sink
Collect Date: 08/29/2016 7:02 am

Sample ID:
Sample Type: D

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Copper	0.014	mg/L	EPA 200.8	0.010	1	09/22/16	RPV	09/23/16 21:13	RPV
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	09/22/16	RPV	09/23/16 21:13	RPV

Sample Number: 6085456-04
Collector: GUS

Site: Room 113 Sink
Collect Date: 08/29/2016 7:08 am

Sample ID:
Sample Type: D

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Copper	0.011	mg/L	EPA 200.8	0.010	1	09/22/16	RPV	09/23/16 21:15	RPV
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	09/22/16	RPV	09/23/16 21:15	RPV

Sample Number: 6085456-05
Collector: GUS

Site: Room 102 Sink
Collect Date: 08/29/2016 7:04 am

Sample ID:
Sample Type: D

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Report Generated On: 09/28/2016 5:43 pm 6085456
STL_Results Revision #1.6 Effective: 07/09/2014





SUBURBAN TESTING LABS

Sample Number: 6085456-05	Site: Room 102 Sink	Sample ID:
Collector: GUS	Collect Date: 08/29/2016 7:04 am	Sample Type: D

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Metals (Continued)									
<i>90th Percentile</i>									
90th Percentile Copper	0.016	mg/L	Calculation	0.010	1	09/24/16	RPV	09/26/16 18:27	RPV
90th Percentile Lead	< 0.001	mg/L	Calculation	0.001	1	09/24/16	RPV	09/26/16 18:27	RPV
Copper	0.014	mg/L	EPA 200.8	0.010	1	09/22/16	RPV	09/23/16 21:17	RPV
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	09/22/16	RPV	09/23/16 21:17	RPV

Data Qualifiers:

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Deborah Hannum
Project Manager

Report Generated On: 09/28/2016 5:43 pm 6085456
STL_Results Revision #1.6 Effective: 07/09/2014

SUBURBAN TESTING LABS

1037F MacArthur Road, Reading, PA 19605 Phone: 800-433-6595 Fax: 610-375-4090 suburbantestinglabs.com



PADEP 06-00208

THE LEAD AND COPPER RULE

SAMPLE COLLECTION FORM

For Nonresidential Buildings

BACKGROUND

A sample is to be collected after an extended period (6 hours) of stagnant water conditions in the building's plumbing. This means the water in the building cannot be used for any reason, including toilet flushing, showers, etc. Due to this requirement, early morning is the best time to collect samples. If your business operates 24 hours per day, contact the Maryland Department of the Environment Water Supply Program at (410) 537-3729. **If your facility is a school, lead/copper samples should be collected while school is in session.**

REQUIREMENTS

- The sample tap location must be an interior tap from which water is typically drawn for consumption (e.g. kitchen sink, water fountain, etc.).
- The sample bottle must be one liter (or 1000 milliliters) in volume.
- The water must stand in the plumbing for a minimum of 6 hours (and a recommended maximum of 18 hours). This is referred to as a "First Draw" sample.
- The sample must be collected from a COLD water tap.

DIRECTIONS

1. After the water has been dormant in the plumbing for a minimum of 6 hours, place the 1 liter bottle cold water tap.
2. Gently open the cold water tap directly into the bottle and fill the bottle to the neck (or line mark "1000-mL").
 - Do not allow the tap to flow prior to collection.
 - Do not rinse bottle prior to collection.
 - Do not overfill.
3. Tightly cap the sample bottle.
4. Review the sample bottle label to ensure that all of the information contained on the label is corre
5. Fill out the bottom portion of this sheet and return with the sample bottle.

5085456
Deborah Harnum



Sample ID#: _____
(should correspond with sample box)

TO BE COMPLETED BY THE PERSON COLLECTING THE SAMPLE:

Name: Greg Smith

Address: _____

Telephone #: 7172787322

Sample tap location (kitchen sink, water fountain, etc.): Room 113 Sink

Water last used: Time: 6:00 Date: 8/26/16

Sample was collected: Time: 6:08 Date: 8/29/16

Length of time water remained in pipes before sample was drawn: 62 hours

Any plumbing changes since the last sample was collected from this location? Yes _____ No X
(If yes, explain on back of form)

CERTIFICATION:

I have read the above directions and have collected this sample in accordance with these directions

SIGNATURE

8/29/16
DATE

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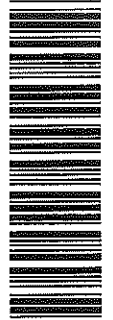
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- The sample must be collected from a COLD water tap.

DIRECTIONS

1. After the water has been dormant in the plumbing for a minimum of 6 hours, place the 1 liter bottle on a cold water tap.
2. Gently open the cold water tap directly into the bottle and fill the bottle to the neck (or line marked "1000-mL").
 - Do not allow the tap to flow prior to collection.
 - Do not rinse bottle prior to collection.
 - Do not overfill.
3. Tightly cap the sample bottle.
4. Review the sample bottle label to ensure that all of the information contained on the label is correct.
5. Fill out the bottom portion of this sheet and return with the sample bottle.

6085456
Deborah Hamnum



Sample ID#: _____

(should correspond with sample bottle label #)

TO BE COMPLETED BY THE PERSON COLLECTING THE SAMPLE:

Name: Gregg Smith

Address: _____ Telephone #: _____

Sample tap location (kitchen sink, water fountain, etc.): Cafeteria Kitchen Sink

Water last used: Time: 1700 Date: 8/26/16

Sample was collected: Time: 0700 Date: 8/29/16

Length of time water remained in pipes before sample was drawn: 62 hours

Any plumbing changes since the last sample was collected from this location? Yes _____ No X
(If yes, explain on back of form)

CERTIFICATION:

I have read the above directions and have collected this sample in accordance with these directions

SIGNATURE

DATE

8/29/16

THE LEAD AND COPPER RULE

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6085456
Deborah Hamnum



Sample ID#: _____
(should correspond with sample label)

TO BE COMPLETED BY THE PERSON COLLECTING THE SAMPLE:

Name: Greg Smith
Address: _____ Telephone #: 7172787322

Sample tap location (kitchen sink, water fountain, etc.): Health Room Sink

Water last used: Time: 1700 Date: 8/26/16

Sample was collected: Time: 0706 Date: 8/29/16

Length of time water remained in pipes before sample was drawn: 62 hours

Any plumbing changes since the last sample was collected from this location? Yes _____ No X
(If yes, explain on back of form)

CERTIFICATION:

I have read the above directions and have collected this sample in accordance with these directions

SIGNATURE

DATE

8/29/16

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5. Fill out the bottom portion of this sheet and return with the sample bottle.

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Deborah Hannum



Sample ID#: _____

(should correspond with sample bottl

TO BE COMPLETED BY THE PERSON COLLECTING THE SAMPLE:

Name: Greg Smith

Address: _____

Telephone #: 7172787322

Sample tap location (kitchen sink, water fountain, etc.): Staff Lunch Room Sink

Water last used: Time: @ 1700 Date: 8/26/16

Sample was collected: Time: 0700 Date: 8/29/16

Length of time water remained in pipes before sample was drawn: 62 hours

Any plumbing changes since the last sample was collected from this location? Yes _____ No X
(If yes, explain on back of form)

CERTIFICATION:

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SIGNATURE

8/29/16
DATE

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4. Review the sample bottle label to ensure that all of the information contained on the label is correct.
5. Fill out the bottom portion of this sheet and return with the sample bottle.

6036456
Deborah Hamann



Sample ID#: _____
(should correspond with sample bottle)

TO BE COMPLETED BY THE PERSON COLLECTING THE SAMPLE:

Name: Greg Smith

Address: _____

Telephone #: 7172787322

Sample tap location (kitchen sink, water fountain, etc.): Room 102 Sink

Water last used: Time: 01700 Date: 8/26/16

Sample was collected: Time: 0704 Date: 8/29/16

Length of time water remained in pipes before sample was drawn: 62 hours

Any plumbing changes since the last sample was collected from this location? Yes _____ No X
(If yes, explain on back of form)

CERTIFICATION:

I have read the above directions and have collected this sample in accordance with these directions

SIGNATURE

DATE 8/29/16