



# Lawhon & Associates, Inc.

ENVIRONMENTAL CONSULTING AND ENGINEERING SERVICES

Columbus

Cleveland

Dayton

August 18, 2016

Mr. Tim Gehring  
Director of Facilities Management  
Worthington City School District  
250 East Wilson Bridge Road  
Worthington, Ohio 43085

**Re: Lead in Water Testing at Bluffsview Elementary School**  
**7111 Linworth Rd, Columbus, OH 43235**  
**Sample Date: June 17, 2016**  
**L&A Project No: 16-0311**

Dear Mr. Gehring,

Lawhon & Associates, Inc. (L&A) performed water sampling to document concentrations of Lead in the potable water system. There is no federal law requiring testing of drinking water in schools, except for schools that have their own water supply and are thus regulated under the Safe Drinking Water Act (SDWA). This testing was performed as a proactive measure to ensure lead in drinking water concentrations remain at acceptable levels. L&A's conclusions and recommendations relevant to the sampling performed are presented in this document.

## METHODOLOGY

L&A performed environmental sampling for lead in water at Bluffsview Elementary School on June 17, 2016. The sampling was conducted in accordance with the United States Environmental Protection Agency's (US EPA) guidance document "3Ts (Training, Testing, and Telling) for Reducing Lead in Drinking Water in Schools" (3Ts Guidance); however, a larger sample volume was collected due to laboratory requirements for Ohio EPA certified methods. A sampling plan was developed for the facility, which prioritized drinking water sources based on potential use and risk. Field activities included the collection of one (1) liter water samples from the water main, drinking fountains, kitchen sinks, and approximately 10% of classroom sinks or other potential drinking water sources. Both first draw and flush samples were collected at each location. Prior to sample collection, the potable water system was not used for a minimum of 8 hours. Samples were collected by Mr. Matt Geiger, Ohio Department of Health (ODH) certified Lead Risk Assessor (LRA) #LA9357. First draw samples were submitted to MASI Environmental Laboratories located in Plain City, Ohio for analysis using the EPA method SM3113B. MASI is certified by the Ohio EPA for lead in drinking water analysis. Flushed samples were held at the L&A office and submitted for analysis only if the first draw sample from the same fixture exceeded the US EPA Action Level.

## REGULATORY ACTION LEVELS

US EPA's 3T's Guidance recommends an action level of 20 parts per billion (ppb) for lead; however, Ohio Facilities Construction Commission (OFCC) Lead Plumbing Fixture Replacement

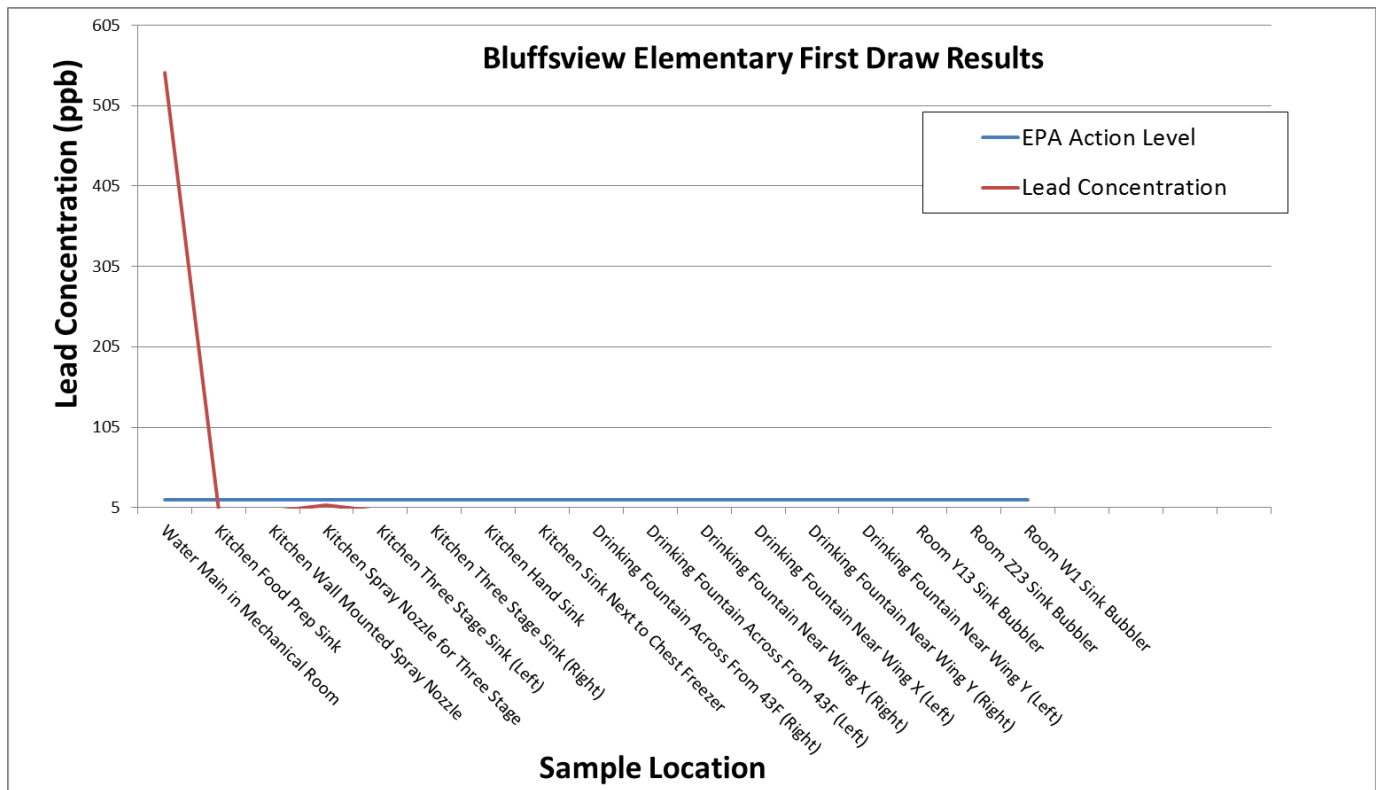
Assistance Grants Program has set an action level of 15 ppb for lead which is consistent with the action level for lead set by EPA's Lead and Copper Rule, under the National Primary Drinking Water Regulations (NPDWR).

For the purposes of this assessment, L&A has utilized an action level of 15 ppb lead for comparison with the laboratory analytical results.

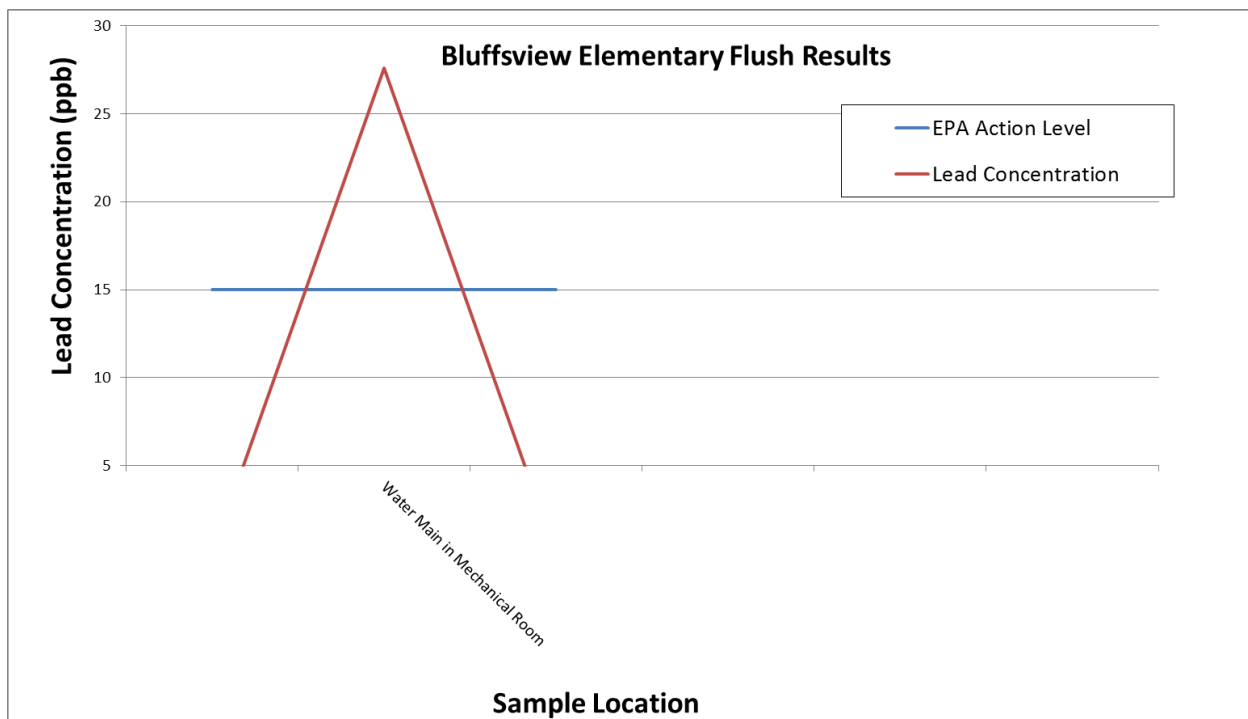
## FINDINGS

L&A collected seventeen (17) first draw water samples at Bluffsview Elementary School. A diagram of the sampling locations is presented in Appendix A. As illustrated on the following graph, lead was detected above the action limit in one first draw sample:

- Water Main (546 µg/L)



L&A submitted the flush sample from the water main where lead was detected in excess of the action level in the corresponding first draw sample. As illustrated on the following graph, the lead concentration in the flush sample from the water main also exceeded the action level, but was significantly lower than the first draw sample.



A comprehensive data table is included as Appendix B. A copy of the laboratory report is included in Appendix C.

## CONCLUSIONS

No primary drinking water outlets within the building were found to have lead concentrations in excess of the federal action level; however, lead in water concentrations exceeded the action level in both the first draw and flushed samples from the water main service connection in the mechanical room. This indicates that the water service connection and/or service line between the building and the water main in the road is the likely source(s) of lead. Considering that the lead concentration in the flushed sample from the water main was significantly lower than the first draw sample from the water main, and that lead concentrations at the other outlets throughout the building were not significantly elevated, further investigation may be warranted to attempt to pinpoint the source of lead.

In lieu of further investigation, L&A recommends that any lead containing components on the water service connection and service line between the building and the water main in the road be replaced with lead-free materials. The water service line is potentially the jurisdiction of the local water supplier. L&A recommends coordinating with the local water supplier when evaluating replacement of the service line. Following replacement of the lead containing components, L&A recommends thoroughly flushing the plumbing and water fixtures within the building and resampling the water main serve connection to confirm that the lead concentrations no longer exceed the action level.

## CLOSURE

L&A has prepared this report for your use in accordance with generally accepted inspection and testing practices. The information obtained in this report is site and time specific and pertains to this project only. This inspection evaluated the conditions that were readily accessible at the

time of the investigation of the subject property and does not warrant against hidden conditions or future alteration of conditions at the site, as well as subsequent changes in regulations. This report should not be construed as a full Lead Risk Assessment.

This report was prepared for the exclusive use of the Worthington City School District. No other party may rely on this report unless expressly designated by the Client in writing. The use of the report is subject to the limitations and exceptions set forth in this report, as well as the terms and conditions contained in the original contract documents. L&A will not distribute or publish this report without the Client's consent, except as required by law or court order.

Thank you for the opportunity to assist you in this important matter. If you have any questions concerning this report, please contact Shawen Jenkins or Tim Price at (614) 481-8600.

Sincerely,

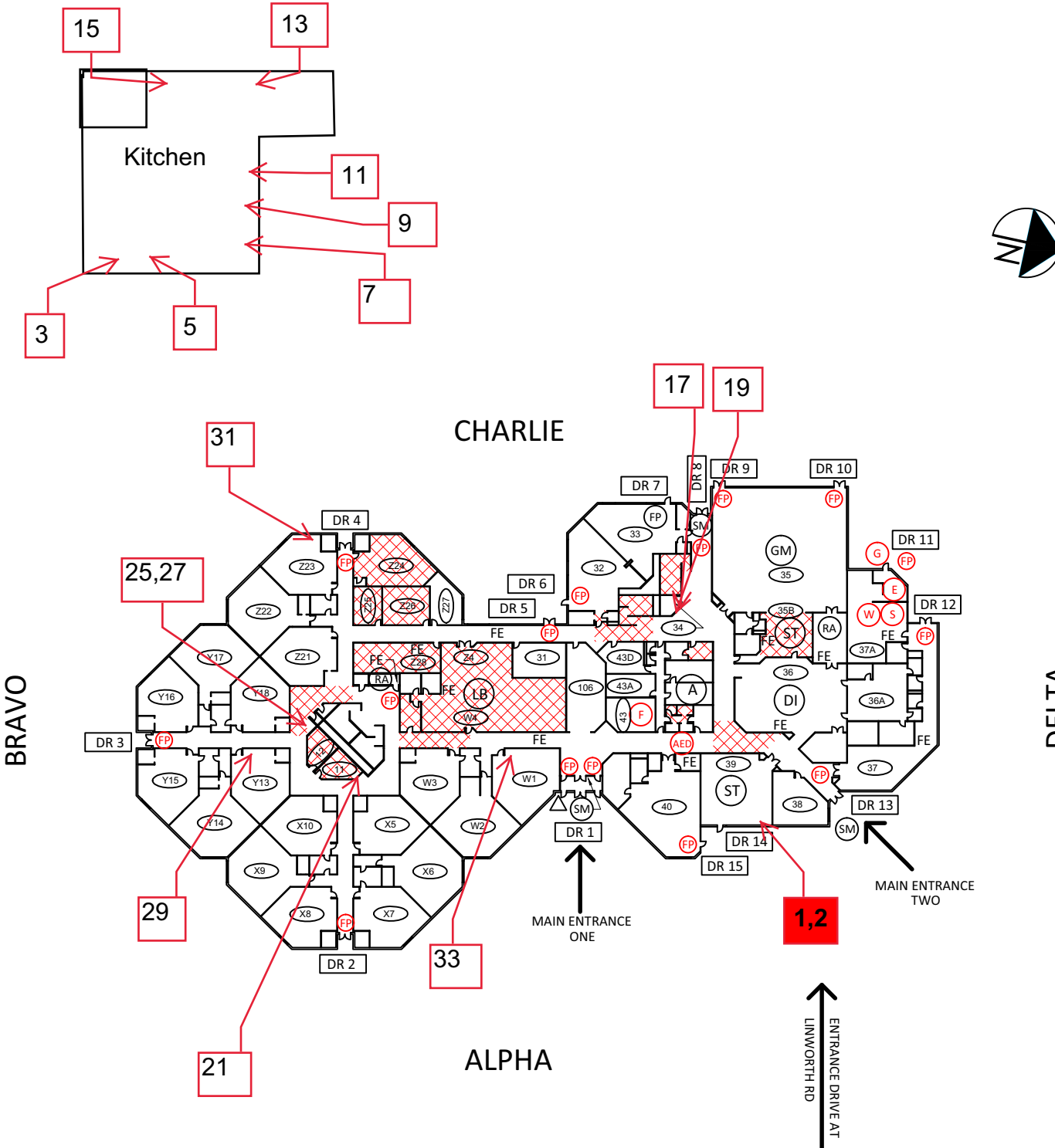
A handwritten signature in blue ink, appearing to read 'Shawen Jenkins', with a stylized, cursive script.




























Shawen Jenkins, Lead Risk Assessor  
Environmental Scientist

A handwritten signature in blue ink, appearing to read 'Tim Price', with a stylized, cursive script.

Tim Price  
Senior Project Manager

**APPENDIX A**  
**Sample Location Diagram**



CRITICAL		TORNADO EVAC. SITE
		FIRE PULL STATIONS
		LOCATION OF EXISTING AED
		ELECTRICAL SHUTOFF
		FIRE ALARM PANEL
		GAS SHUTOFF
		KNOX BOX
		SPRINKLER SHUTOFF
	WATER SHUTOFF	
NON-CRITICAL		ADMINISTRATIVE SUITE
		AREA OF REFUGE
		CAMERA
		CORRIDOR
		ELEVATOR
		EXTERIOR DOORS
		FIRE EXTINGUISHER
		LOCATION OF BLUEPRINTS
		ROOF ACCESS POINT
		ROOM NUMBER
COMMON AREAS		SECURITY MONITORING AND ACCESS CONTROL
		SERVICE ENTRANCE
		MULTIPURPOSE ROOM
		LIBRARY
		DINING
		GYMNASIUM
		MEDIA
		STAGE
	WORTHINGTON SCHOOLS BLUFFSVIEW ELEMENTARY SCHOOL 7111 LINWORTH RD WORTHINGTON FACILITY SAFETY PLAN OHIO FACILITIES CONSTRUCTION COMMISSION	
	IRN:	112128
	BUILDING TELEPHONE NUMBER:	(614) 450-5400
	EMERGENCY TELEPHONE NUMBER:	(614) 560-4147

**APPENDIX B**  
**Comprehensive Data Table**

**Table 1: Potable Water Sampling Results**

Sample ID	Sampling Site	Sample Type	Meets Non-Use Period	Recalled Fixture	Analytical Results (ppb)
<b>BLES-1</b>	<b>Water Main in Mechanical Room</b>	<b>First Draw</b>	<b>Yes</b>	<b>No</b>	<b>546</b>
<b>BLES-2</b>	<b>Water Main in Mechanical Room</b>	<b>Flush</b>	<b>Yes</b>	<b>No</b>	<b>27.6</b>
BLES-3	Kitchen Food Prep Sink	First Draw	Yes	No	ND
BLES-5	Kitchen Wall Mounted Spray Nozzle	First Draw	Yes	No	ND
<b>BLES-7</b>	<b>Kitchen Spray Nozzle for Three Stage</b>	<b>First Draw</b>	<b>Yes</b>	<b>No</b>	<b>7.8</b>
BLES-9	Kitchen Three Stage Sink (Left)	First Draw	Yes	No	ND
BLES-11	Kitchen Three Stage Sink (Right)	First Draw	Yes	No	ND
BLES-13	Kitchen Hand Sink	First Draw	Yes	No	ND
BLES-15	Kitchen Sink Next to Chest Freezer	First Draw	Yes	No	ND
BLES-17	Drinking Fountain Across From 43F (Right)	First Draw	Yes	No	ND
BLES-19	Drinking Fountain Across From 43F (Left)	First Draw	Yes	No	ND
BLES-21	Drinking Fountain Near Wing X (Right)	First Draw	Yes	No	ND
BLES-23	Drinking Fountain Near Wing X (Left)	First Draw	Yes	No	ND
BLES-25	Drinking Fountain Near Wing Y (Right)	First Draw	Yes	No	ND
BLES-27	Drinking Fountain Near Wing Y (Left)	First Draw	Yes	No	ND
BLES-29	Room Y13 Sink Bubbler	First Draw	Yes	No	ND
BLES-31	Room Z23 Sink Bubbler	First Draw	Yes	No	ND
BLES-33	Room W1 Sink Bubbler	First Draw	Yes	No	ND
1. Detection limit is 5.0 ppbl. 2. Bold indicates lead present above detection limits. 3. Highlighting indicates lead concentrations exceed the EPA Action Level.					



**APPENDIX C**  
**Laboratory Analytical Reports**

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415394-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:00  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: MUNICIPAL  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-1  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44489	3113B	4792	06/21/16
546 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415396-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:04  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: KS FOOD PREP  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-3  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab	Method	Analyst	Date
Test Result	Number	Number	Number	Analyzed
LEAD	44483	3113B	4792	06/21/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415398-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:06  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: KS WALL MOUNTED SPRAY  
Sample Type:  
Sample Address: NOSEL 7111 LINWORTH RD BLES-5  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44482	3113B	4792	06/21/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415400-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 06:08  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: KS SPRAY NOSEL  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-7  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44478	3113B	4792	06/21/16
7.8 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415402-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:11  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: KS THREE STAGE LEFT  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-9  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44477	3113B	4792	06/21/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415404-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:13  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: KS 3 STAGE RIGHT  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-11  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
Cl2 Total:  
Cl2 Free:  
Cl2 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44476	3113B	4792	06/21/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415406-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:15  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: KS HAND SINK  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-13  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab	Method	Analyst	Date
Test Result	Number	Number	Number	Analyzed
LEAD	44475	3113B	4792	06/21/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC



## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415408-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:17  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: KS NEXT TO FREEZER  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-15  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
Cl2 Total:  
Cl2 Free:  
Cl2 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44473	3113B	4792	06/21/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415410-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:21  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: DRINKING FOUNTAIN NEAR  
Sample Type:  
Sample Address: 43F RIGHT 7111 LINWORTH RD BLES-17  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44472	3113B	4792	06/21/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415412-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:25  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: DF ACROSS FROM 43F LEFT  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-19  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab	Method	Analyst	Date
Test Result	Number	Number	Number	Analyzed
LEAD	44471	3113B	4792	06/22/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415414-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:29  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: DF NEAR XWING RIGHT  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-21  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
Cl2 Total:  
Cl2 Free:  
Cl2 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44470	3113B	4792	06/22/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415416-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:32  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: DF NEAR WING X LEFT  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-23  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
Cl2 Total:  
Cl2 Free:  
Cl2 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44469	3113B	4792	06/22/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415418-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:36  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: DF NEAR 7 WING RIGHT  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-25  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
Cl2 Total:  
Cl2 Free:  
Cl2 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44468	3113B	4792	06/22/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415420-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/16/17  
Sample Time: 07:40  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: DF NEAR 7 WING LEFT  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-27  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab	Method	Analyst	Date
Test Result	Number	Number	Number	Analyzed
LEAD	44467	3113B	4792	06/22/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415422-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:45  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: RM 713 SINK BUBBLER  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-29  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
Cl2 Total:  
Cl2 Free:  
Cl2 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44465	3113B	4792	06/22/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC



## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415424-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:51  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: RM 723 SINK BUBBLER  
Sample Type:  
Sample Address: 7111 LINWORTH RD BLES-31  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
Cl2 Total:  
Cl2 Free:  
Cl2 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	44464	3113B	4792	06/22/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 06/23/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415426-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:55  
Sample Matrix: POTABLE  
Sample Monitoring Point:  
Sample Tap: RM W SINK BUBBLER  
Sample Type:  
Sample Address: 7111 LINWORTH RD  
Sample ID:

Private  
County: NO COUNTY  
Chlorinated:  
Repeat No:  
C12 Total:  
C12 Free:  
C12 Combined:

Test Requested	Lab	Method	Analyst	Date
Test Result	Number	Number	Number	Analyzed
LEAD	44447	3113B	4792	06/22/16
<5.0 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC

## Certificate of Analysis - Fax Copy

## MASI ENVIRONMENTAL SERVICES

P. O. Box 1440  
Dublin, Ohio 43017  
(614) 873-4654

Page: 1  
Date: 07/22/16

LAWHON & ASSOCIATES, INC.  
CHUCK WILSON  
1441 KING AVENUE  
  
COLUMBUS OH 43212

Client No: 0000005911  
AR Sheet No: 0415395-AR  
MASI Dublin Laboratory: 877  
MASI Cincinnati Laboratory: 4100  
PWS ID No:  
STU ID No:  
PO No:

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: LAWHON & ASSOCIATES, INC.  
Sampler Name: MATT GEIGER  
Sample Date: 06/17/16  
Sample Time: 07:02  
Sample Matrix: POTABLE  
Sample Monitoring Point: BLES 2  
Sample Tap: MUNICIPAL  
Sample Type:  
Sample Address: 7111 LINWORTH RD  
Sample ID:

Private  
County: FRANKLIN  
Chlorinated:  
Repeat No:  
Cl2 Total:  
Cl2 Free:  
Cl2 Combined:

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
LEAD	60783	3113B	3710	07/21/16
27.6 ug/l				

Public Drinking Water Analysis Results, as Required by OEPA,  
are Reported Following Final QA/QC