

Columbus

Cleveland

Dayton

August 19, 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 Kilbourne Middle School 50 East Dublin Granville Road, Worthington, OH 43085 Sample Date: June 16, 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 Kilbourne Middle School on June 16, 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 first outlet off 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. Shawen Jenkins, Ohio Department of Health (ODH) certified Lead Risk Assessor (LRA) #LA9297. 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**

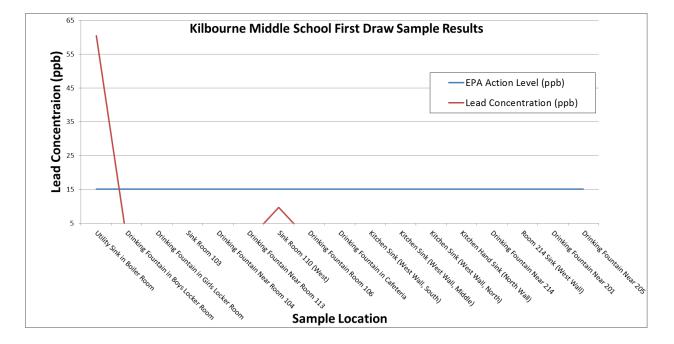
US EPA's 3T's Guidance recommends an action level of 20 parts per billion (ppb) for lead; however, Ohio Facilities Construction Commission (OFCC) Lead Plumbing Fixture Replacement Assistance Grants Program has set an action level of 15 ppb for lead which is consistent with the action level for lead set 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.

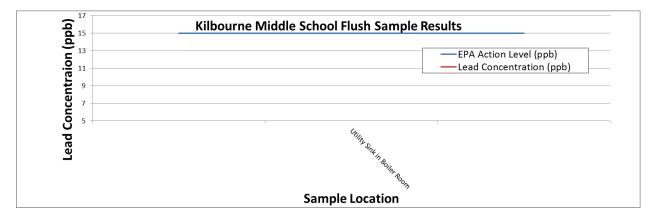
### FINDINGS

L&A collected 33 water samples at Kilbourne Middle School; of which, 17 first drawsamples were submitted for laboratory analysis. A diagram of the sampling locations is presented in Appendix A. As illustrated on the following graph, lead was detected above the action level at one sample location:

Utility Sink in Boiler Room (the first outlet off the water main) (60.4 μg/L)



L&A submitted the flush samples for this location. As illustrated on the following graph, the lead concentration in the flush sample was reported below the action level and the detection limit.



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, the results of L&A's sampling indicate that the following location had lead concentrations found in excess of the action level in the first draw sample but below the action level in the subsequent flush sample, indicating that the source of lead is likely in the fixture itself or the plumbing connecting the fixture to the lateral, and very little lead is likely coming from the plumbing upstream of the fixture:

• Utility Sink in Boiler Room (First Outlet Off of Water Main)

Considering that the utility sink is not used directly as a drinking water outlet and that the lead concentration in the flush sample from this outlet was below the detection limit, it is L&A's opinion that no further action is necessary at this time with regard to the utility sink or the water main service line.

#### 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,

mille

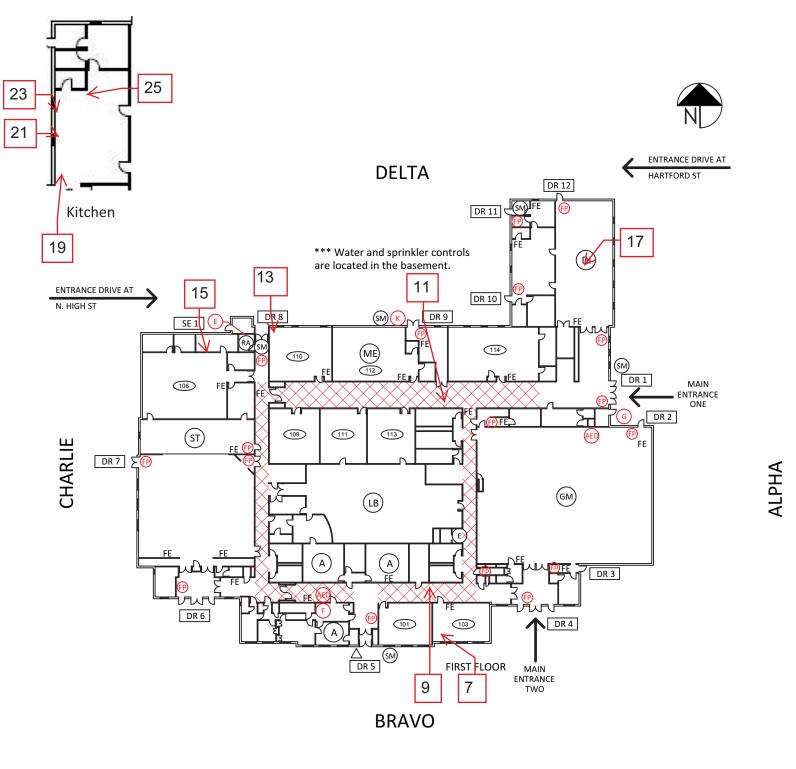
Shawen Jenkins, Lead Risk Assessor Environmental Scientist

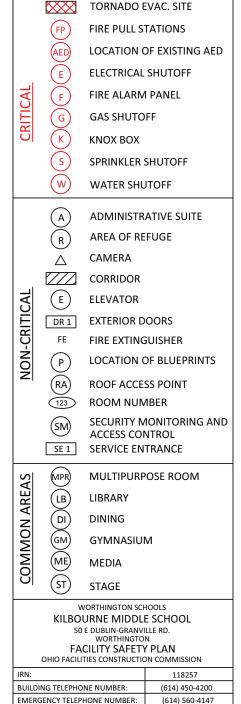
Jim Pru

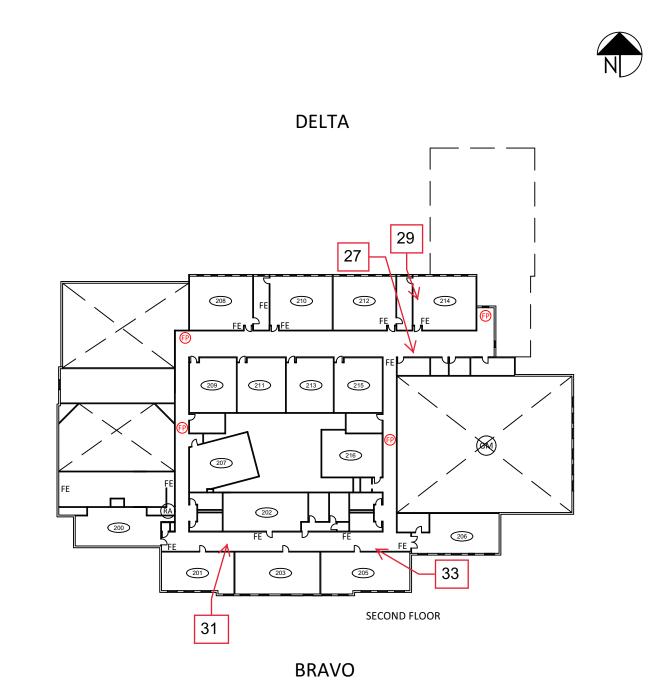
Tim Price Senior Project Manager

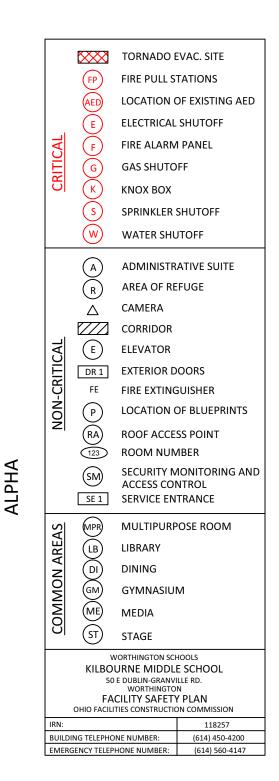
# **APPENDIX A**

Sample Location Diagram

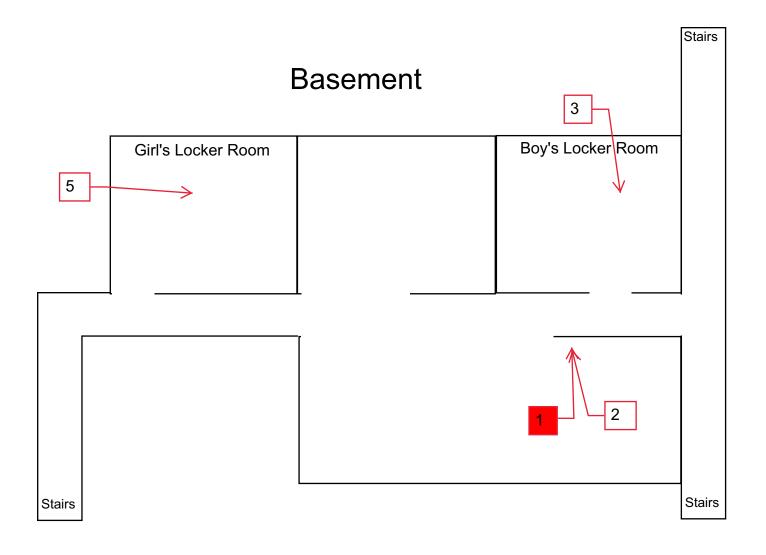








CHARLIE



## **APPENDIX B**

**Comprehensive Data Table** 

Sample ID	Sampling Site	Sample Type	Meets Non-Use Period	Recalled Fixture	Analytical Results (ppb)
KM-1	Utility Sink in Boiler Room	First Draw	Yes	No	60.4
KM-2	Utility Sink in Boiler Room	Flush	Yes	No	<5
KM-3	Drinking Fountain in Boys Locker Room	First Draw	Yes	No	<5
KM-5	Drinking Fountain in Girls Locker Room	First Draw	Yes	No	<5
KM-7	Sink Room 103	First Draw	Yes	No	<5
KM-9	Drinking Fountain Near Room 104	First Draw	Yes	No	<5
KM-11	Drinking Fountain Near Room 113	First Draw	Yes	No	<5
KM-13	Sink Room 110 (West)	First Draw	Yes	No	9.7
KM-15	Drinking Fountain Room 106	First Draw	Yes	No	<5
KM-17	Drinking Fountain in Cafeteria	First Draw	Yes	No	<5
KM-19	Kitchen Sink (West Wall, South)	First Draw	Yes	No	<5
KM-21	Kitchen Sink (West Wall, Middle)	First Draw	Yes	No	<5
KM-23	Kitchen Sink (West Wall, North)	First Draw	Yes	No	<5
KM-25	Kitchen Hand Sink (North Wall)	First Draw	Yes	No	<5
KM-27	Drinking Fountain Near 214	First Draw	Yes	No	<5
KM-29	Room 214 Sink (West Wall)	First Draw	Yes	No	<5
KM-31	Drinking Fountain Near 201	First Draw	Yes	No	<5
KM-33	Drinking Fountain Near 205	First Draw	Yes	No	<5

Table 1: Potable Water Sampling Results

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: 07/05/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418633-m. MASI Dublin Laboratory: 877 - Cipcinnati Laboratory: 4100 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/24 Chlorinated: Sample Time: 07:32 Repeat No: Sample Matrix: POTABLE Cl2 Total: Sample Monitoring Point: KM 1 C12 Free: Sample Tap: BOILER RM UTILITY SINK C12 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD WORTHINGTON OH 43085 Sample ID: \_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48186 3113B 3710 06/29/16 60.4 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418634-AR CHUCK WILSON 1441 KING AVENUE MASI Dublin Laboratory: 877 MASI Cincinnati Laboratory: 4100 COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 07:34 Repeat No: Sample Matrix: POTABLE Cl2 Total: Sample Monitoring Point: KM 3 C12 Free: Sample Tap: DF BOYS LOCKER Sample Type: C12 Combined: Sample Address: 50 E DUBLIN RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48177 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418635-m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 07:38 Repeat No: Sample Matrix: POTABLE C12 Total: Sample Monitoring Point: KM 5 C12 Free: Sample Tap: DF GIRLS LOCKER Cl2 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48174 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418030 m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 07:42 Repeat No: Sample Matrix: POTABLE C12 Total: Sample Monitoring Point: KM 7 C12 Free: Sample Tap: SINK RM 103 C12 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48170 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 041863/-mx MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 07:46 Repeat No: Sample Matrix: POTABLE C12 Total: Sample Monitoring Point: KM 9 C12 Free: Sample Tap: DF RM 104 HALL C12 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48167 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418030 m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 07:50 Repeat No: Sample Matrix: POTABLE Cl2 Total: Sample Monitoring Point: KM 11 C12 Free: Sample Tap: DF RM 113 HALL C12 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48163 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418039 m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 07:54 Repeat No: Sample Matrix: POTABLE C12 Total: Sample Monitoring Point: KM 13 C12 Free: Sample Tap: RM 110 SINK WEST Cl2 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48159 3113B 3710 06/29/16 9.7 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418040 m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 07:58 Repeat No: Sample Matrix: POTABLE Cl2 Total: C12 Free: Sample Monitoring Point: KM 15 Sample Tap: DF RM 106 C12 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48157 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418041 m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 08:02 Repeat No: Sample Matrix: POTABLE Cl2 Total: Sample Monitoring Point: KM 17 C12 Free: Sample Tap: DF CAFETERIA C12 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48155 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418642-m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 08:06 Repeat No: Sample Matrix: POTABLE C12 Total: Sample Monitoring Point: KM 19 C12 Free: Sample Tap: K SINK W WALL S Cl2 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48152 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418643-m. MASI Dublin Laboratory: 877 - Cipcinnati Laboratory: 4100 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 08:10 Repeat No: Sample Matrix: POTABLE C12 Total: Sample Monitoring Point: KM 21 C12 Free: Sample Tap: K SINK W WALL MIDDLE Cl2 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48151 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418044 m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 08:14 Repeat No: Sample Matrix: POTABLE C12 Total: Sample Monitoring Point: KM 23 C12 Free: Sample Tap: K SINK W WALL NORTH Cl2 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48139 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418645-m. MASI Dublin Laboratory: 877 - Cipcinnati Laboratory: 4100 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 08:18 Repeat No: Sample Matrix: POTABLE Cl2 Total: Sample Monitoring Point: KM 25 C12 Free: Sample Tap: K HAND SINK N WALL Cl2 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48150 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418040 m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 08:22 Repeat No: Sample Matrix: POTABLE C12 Total: C12 Free: Sample Monitoring Point: KM 27 Sample Tap: DF RM 214 C12 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48149 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 041864/~mx MASI Dublin Laboratory: 877 - Cipcinnati Laboratory: 4100 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 08:26 Repeat No: Sample Matrix: POTABLE Cl2 Total: Sample Monitoring Point: KM 27 C12 Free: Sample Tap: RM 214 SINK W WALL Cl2 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48147 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418040 m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 08:30 Repeat No: Sample Matrix: POTABLE Cl2 Total: C12 Free: Sample Monitoring Point: KM 31 Sample Tap: DF RM 201 Sample Type: C12 Combined: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48144 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 06/30/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0418049 m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 08:34 Repeat No: Sample Matrix: POTABLE Cl2 Total: C12 Free: Sample Monitoring Point: KM 33 Sample Tap: DF RM 205 Sample Type: C12 Combined: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 48141 3113B 3710 06/29/16 <5.0 ug/l

Certificate of Analysis - Fax Copy MASI ENVIRONMENTAL SERVICES P.O. Box 1440 Dublin, Ohio 43017 (614) 873-4654 Page: 1 Date: 07/21/16 LAWHON & ASSOCIATES, INC. Client No: 0000005911 AR Sheet No: 0409400-m. MASI Dublin Laboratory: 877 CHUCK WILSON 1441 KING AVENUE COLUMBUS OH 43212 PWS ID No: STU ID No: Dear Client: PO No: 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. Private Sampler Name: SHAWEN JENKINS County: FRANKLIN Sample Date: 06/23/16 Chlorinated: Sample Time: 07:33 Repeat No: Sample Matrix: POTABLE Cl2 Total: Sample Monitoring Point: KM 2 C12 Free: Sample Tap: BOILER RM UTILITY SINK Cl2 Combined: Sample Type: Sample Address: 50 E DUBLIN GRANVILLE RD Sample ID: \_\_\_\_\_ Lab Method Analyst Date Number Number Number Analyzed Test Requested Test Result \_\_\_\_\_ \_\_\_\_\_ LEAD 60779 3113B 3710 07/20/16 <5.0 ug/l