

P.O. Box 278 • 11820 Lithopolis Road • Lithopolis, OH 43136 Ph: 614-837-2031 • Fax: 614-837-2722 • www.lithopolis.org

March 6, 2017

Ohio EPA DDAGW Central District Office P.O. Box 1049 Columbus, Ohio 43216 (614) 728-3778

Dear Sirs:

The Village of Lithopolis public water system was first established per an approval stamped "Water Supply Approved, State of Ohio, Department of Public Health" and dated 8/15/1956. No further documentation for this water line can be located, but per that drawing, it appears that approximately 127 water taps were installed in cement-lined cast iron or ductile pipe.

The original water line was altered when Village applied on 9/30/09 for a District 17 OPWC Round 24 funding project, "Columbus Street Reconstruction Project Phase I" which was subsequently awarded, and the majority of construction took place in 2010. This project replaced a large portion of the 1956 water line with 1590 feet of C900 pipe and 26 service taps.

The original imstallation was further modified when Village applied for similar District 17 OPWC Round 28 funding for, "Columbus Street Reconstruction Project Phase II and III" which was subsequently awarded, and the majority of construction took place in 2015. This project replaced an additional portion of the 1956 water line with 1540 feet of C900 pipe and an additional 33 service taps.

Thus the Village has replaced 59 service taps in these two projects. All services encountered were copper. No lead lines have been discovered.

Other water line expansions in the Village are documented:

Water Line Extention of Lithopolis Road 4/20/1976 Lithopolis Water Distribution System Improvement 1993 Water Treatment Plant Finished Water Line Contract 2/7/03 Wagnalls Run Offsite Improvements 6/2/2003 Winchester-Southern Water Line Improvements 6/17/2005 Lithopolis/Winchester Road Water Line Extension 2/19/2007 As well as Water Line systems within each subdivision built since 2003 including:

Wagnalls Run Rolling Acres Wilson Farm Stoney Bluff Hawks Nest Bluebird Estates

Each of these subdivision installations were governed by the Village of Lithopolis Subdivision Regulations, permitted by Ohio EPA, inspected by Village representatives: none of these Water Line Specifications or installations include lead service pipes.

In addition, the Village initiated a plan to replace all visual-read meters with radio-read meters beginning in 2007. Although a few visual-read meters remain, most have been replaced since that time. I personally began the replacement of meters and only one additional utility worker has participated. In these meter replacements neither of us has encountered any lead service lines.

I have been the Village Administrator and water operator for 10 years. During that time I have personally repaired every water line break that occurred throughout the entire system, averaging 4 per year. I have never encountered a lead water line.

My predecessor as Village Administrator served for 8 years. He reported no lead service lines encountered during his tenure.

The Village is extremely confident that no lead water lines exist within the Village of Lithopolis Water Distribution System, based on existing documentation of water lines, water meter replacement history, major system replacements, and 18 years of water main repair history

Ed VanVickle Ed VanVickle Village Administrator Village of Lithopolis





EPA 5105

DRINKING WATER LEAD AND COPPER MONITORING REPORT

PWS Name:	PWSID:	County:	Population:
Village of Lithopolis	ОН	Fairfield	1351 /2010 00
PWS Address: 43136	Phone:	Sampling begin date:	Sampling end date:
PO Box 278 Lithopolis, Ohio	614-837-2031	9/27/2016	9/29/2012
Monitoring Schedule: D "6 m	B-"annual" or "triennial"		

Return this completed form by mail or fax to the appropriate Ohio EPA district office (receipt being no later than 10 days after the end of the monitoring period). Retain a copy of this report in your files with supporting documentation for a minimum of 12 years.

Lead and Copper Tap Monitoring (First-Draw Samples)

a.	Number of sampling sites required:	10	Number of samples analyzed: 10		
	If the number of samples analyzed is less than the standard number of sampling sites required for your water system, then explain why:				
b.	Were all sampling sites tier 1 sites? () Yes ()/No	lf no, explain	Tier 1 Sites I dentified		
C,	Were 50% of your lead samples from sites with Lead Service Lines? () Yes (XNo	lf no, explain. No	Lead Sites Identified		
d.	Have any of your sampling sites changed since the last monitoring period? (4) Yes () No	If yes, state which sites and explain: 436 Windester Southern Rd Not Available 446 Winchester Southern Rd added			
Ð.	90 th % Lead Level (mg/L):		90 th % Copper Level (mg/L): 0 - 153		

When the 90th % Lead Level is 0.0155 mg/L (or higher) or the 90th % Copper Level is 1.350 mg/L (or higher), contact your Ohio EPA district office within three business days for additional requirements.

I certify that each first-draw lead and copper sample collected for our water system was one liter in volume, was taken from a kitchen or bathroom cold-water tap or a drinking fountain, and, to the best of my knowledge, had stood motionless in the service line and in the interior plumbing of the 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.

<u>Ed Von Vinale</u> <u>10/7/16</u> <u>Ed Von Vickle</u> Signature of Operator of Record Date Printed Name

For Ohio EPA use only:	Received Date:	Monitoring Period:	Approved: ()Yes ()No
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Ohio Environmental Protection Agency Drinking and Ground Waters



EPA 5105 Appendix

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MASI Environmental Services

231-1112

DRINKING WATER LEAD AND COPPER MONITORING REPORT

Submit with Form EPA 5105

Village of Lithopolis

PWS Name:

Copper Concn (ng/L) 191 010 153 090 092 052 050 072 081 057 *Tap type codes: B – bathroom cold water tap; D – drinking fountain; K – kitchen sink cold water tap; R – restroom sink cold water tap; O – other (with prior Note: 1 mg/L = 1000 ug/L Concn (ng/L) Lead -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -2.0 -5.0 -5.0 -5.0 Tier 1, 2, 3, other Ы 3 3 0 0 3 3 3 3 3 3 Material Pb, Cu, or other Service Other Line Su Cu Cu S Cu Cu S S BO CuPb<83, or b CuPb>82 Plumbing CuPb>82, CuPb>82 CuPb>82 CuPb>82 CuPb>82 CuPb>82 CuPb>82 CuPb>82 CuPb>82 CuPb>82 Material Interior other Pb, Type SFR, MFR or BLDG Structure SFR Tap Type* and Elder Lane Example: B 2rd floor Location List samples sequentially by Laboratory Sample Number 8 X × Y 2 × 8 Y 00 Address of Sample 219 East Columbus 189 East South St 11922 Elder Lane 110 East North St 4416 Winchester 9225 Winchester Town OH 40000 77 Cemetery Rd 11365 Smith Rd 11455 Elder Rd 234 S Main St Southern Rd Southern Rd Example: 5780 Site Laboratory 1004/1005 1008/1009 1012/1013 1014/1015 1002/1003 1019/1020 1010/1011 1016/1017 1000/1001 1006/1007 Sample Sample Taken 11:00 Time 07:50 06:05 00:70 14:15 06:30 05:00 05:33 05:30 06:30 09/29016 09/28/16 09/27/16 09/28/16 09/27/16 09/29/16 09/27/16 09/27/16 09/27/16 09/28/16 Date of Sample

EPA 5105 Appendix (Rev. 4/16)

VERIFICATION FORM FOR COMMUNITY PUBLIC WATER SYSTEMS CLAIMING NO LEAD SERVICE LINES

The owner or operator of all community public water systems must identify and map areas of their distribution system that are known or are likely to contain lead service lines. Systems must submit a copy of the applicable map to the Ohio Department of Health and the Ohio Department of Job and Family Services. Systems must also submit a report to the director containing at least both of the following: (1) The applicable map with narrative, and (2) A list of sampling locations used to collect samples as required by Ohio Revised Code (ORC) Section 6109.121 and any rules adopted thereunder, including contact information for the owner and occupant of each sampling site.

Should a water system determine no lead service lines exist in their distribution system, they must provide information stating they reviewed, at the minimum, historical permit records and local ordinances, distribution maintenance records and information pertaining to installation dates or materials for all services lines. This information must be verified below.

I HEREBY CERTIFY THAT THE FOLLOWING METHOD(S) WERE USED TO DETERMINE NO LEAD SERVICE LINES EXIST IN THIS WATER SYSTEM'S DISTRIBUTION SYSTEM, AS REQUIRED BY ORC 6109.121(F):

LEAD SERVICE LINE VERIFICATION			
This revie follo	This PWS states they have no lead service lines and has eviewed the following information (select one or more of the ollowing):		
	Historical permit records and/or local ordinances		
•	Distribution maintenance records (i.e. meter replacement, waterline break repairs)		
•	Information pertaining to installation dates for all service lines (i.e. after 1986 when lead services lines were banned)		
•	Service line material of all service lines is known (i.e. all service lines are known to be PVC)		

Signature of Responsible	PWS NAME: Village of Lin	
Person	PWS ID: OH 230/112	
Ed Van Vichle	COUNTY: Zeinfield	
Date 3/6/17 Ed Van Vickle Village Administration		

