

Village of West Alexandria
Lead & Copper System Narrative
March 3, 2017

The Village of West Alexandria water system was initiated in 1890. The majority of the homes are older with very few homes constructed after 1980 which puts them in the Tier 1 category. The distribution system contains a wide variety of water main sizes and materials depending on the years installed and the best practices along with availability of materials.

The water services located in the village are of almost every type and size. We have outlined with color coding the areas that we have found and are known to have lead services in the area. The majority of homes found in the village were built prior to 1986 before there was a limit on lead, which leads to the conclusion that most homes in the village contain a variety of piping materials and fixtures that would contain lead levels above today's standards. We have one area in the village that was built out in from 1982 to 1998 that would be primarily plastic and copper services and fixtures and has been identified on the maps.

The lead and copper sampling sites have been identified on the maps along with the appropriate SMP ID number.

Because it is practically impossible to determine the lead content of an installed fixture, fitting or pipe, it should be assumed that the manufacture or installation date is the primary indicator of the lead content. Therefore, the characteristics of buildings and piping solder or fixtures would be buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1998. In addition, buildings built and plumbing materials manufactured after 2014 were required to have less than 0.25% lead by weight and have the lowest risk for contributing lead to the drinking water. It should be noted however that, although

03 & 04
34
Section
Lanier
Township

05N
06N
Township

03E
03E
Range

Ohio
Preble
County
State



- Legend**
- Water Valve
 - Fire Hydrant
 - 1 or 2" Waterline
 - 4" Waterline
 - 6" Waterline
 - 8" Waterline
 - 10" Waterline

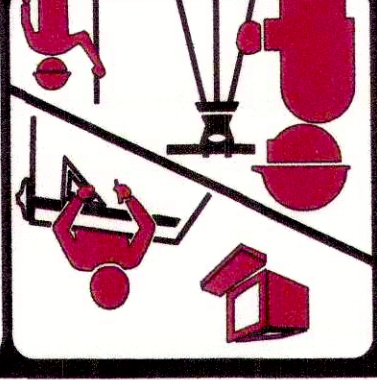
Areas highlighted in green are estimated and
areas highlighted in yellow are those to have lead
pipes and are the 15 feet



No.	Date	Revision
1	05-03-01	Initial
2	05-03-01	Revised
3	05-03-01	Revised
4	05-03-01	Revised
5	05-03-01	Revised
6	05-03-01	Revised
7	05-03-01	Revised
8	05-03-01	Revised
9	05-03-01	Revised
10	05-03-01	Revised

Existing Waterline Map
for
Village of West Alexandria

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Project No. 01-032
Date 05-03-01
Drawn by TLD
Checked by GEM
D-1332
WL 4 of 7
5 of 18

No.	Date	Revision	By
1	05-03-01	Initial	W. J. Miller
2	05-03-01	Revised	W. J. Miller
3	05-03-01	Revised	W. J. Miller
4	05-03-01	Revised	W. J. Miller
5	05-03-01	Revised	W. J. Miller
6	05-03-01	Revised	W. J. Miller
7	05-03-01	Revised	W. J. Miller
8	05-03-01	Revised	W. J. Miller
9	05-03-01	Revised	W. J. Miller
10	05-03-01	Revised	W. J. Miller

Existing Waterline Map
for
Village of West Alexandria

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Project No. 01-032
Date 05-03-01
Drawn by TLD
Checked by GEM
Drawing No. D-1334
Sheet 7 of 7
WL6



Legend

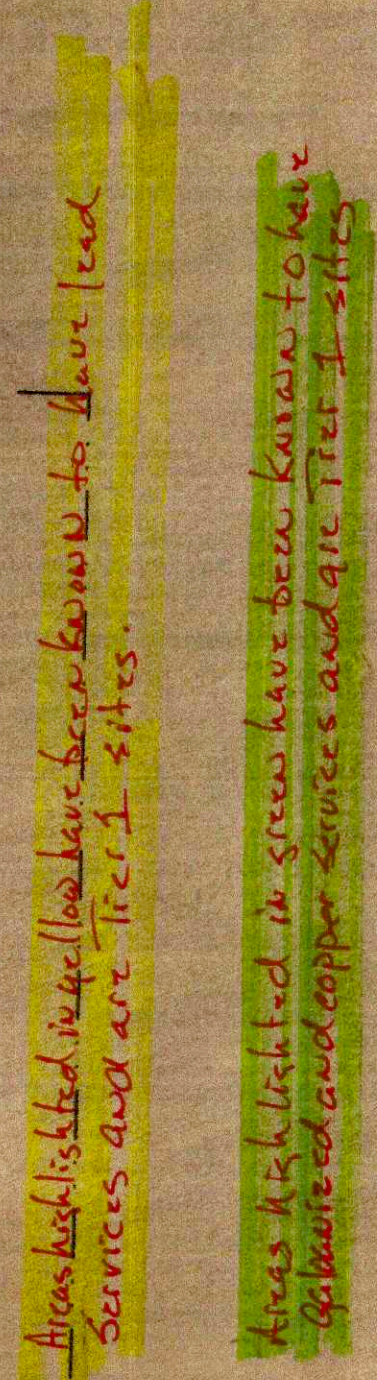
- Water Valve
- Fire Hydrant
- 1 or 2" Waterline
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03 & 04	05N	03E
34	06N	03E
Section	Township	Range
Lanier	Preble	Ohio
Twin	County	State
Township		

Areas highlighted in yellow are known to have head services and are Tier 1 sites

Areas highlighted in green are known to have galvanneal and copper services and are Tier 1 sites

Areas highlighted in pink are areas known to have plastic and copper services and are Tier 1 sites



prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.

Mayor Carol Lunsford

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