

A NARRATIVE REPORT

**COMMUNITY PUBLIC WATER SYSTEM:
WATER SAMPLING SITES, WATER DISTRIBUTION AREA and
LEAD SERVICE MAPPING**

PWS/CITY: CITY OF GROVEPORT, OH
COUNTY: FRANKLIN
PWS ID NUMBER: # 2501512
REPORT DATE: February 28, 2017

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- A. Spreadsheet for lead and copper sample sites (attached)
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Prepared by: City of Groveport
Public Works and Water Department
655 Blacklick Street
Groveport, Ohio 43125

Submitted to: Ohio EPA ATTN: Michael Santone
Division of Drinking and Ground Waters
Central District Office - Ohio EPA
50 West Town Street, Suite 700
Columbus, OH 43216-1049

Map-Copies to: Ohio Department of Health (ODH) Electronic to: BEH@odh.ohio.gov
Attn: Lead Program, 6th floor
246 North High Street
Columbus, OH 43215

Ohio Department of Job and Electronic to: angela.kaiser@jfs.ohio.gov
Family Services (ODJFS)
Office of Family Assistance-Bureau of Child Care Licensing and Monitoring
P.O. Box 183204
Columbus, OH 43218-3204

NARRATIVE REPORT: Mapping effort

This report and its appendices are prepared pursuant to Ohio Revised Code Section 6109.121, enacted under Ohio H.B. 512, by the 131st Ohio General Assembly. The City of Groveport has identified and mapped areas of the Public Water System (PWS) under its jurisdiction (i.e., ID # 2501512) that are known or likely to have lead service lines, and mapped areas that have buildings with characteristics that may include lead piping, solder or fixtures. This narrative summarizes the approach chosen by the City of Groveport to fulfill the Ohio EPA requirements, which was undertaken in consideration of the Ohio EPA DDAGW's Guideline document number PWS-04-001, issued on January 6, 2017.

Appendix B to this report includes the Water Distribution System Mapping. This map includes streets, street names, and illustrates the PWS water distribution system under PWS ID # 2501512. The map shows:

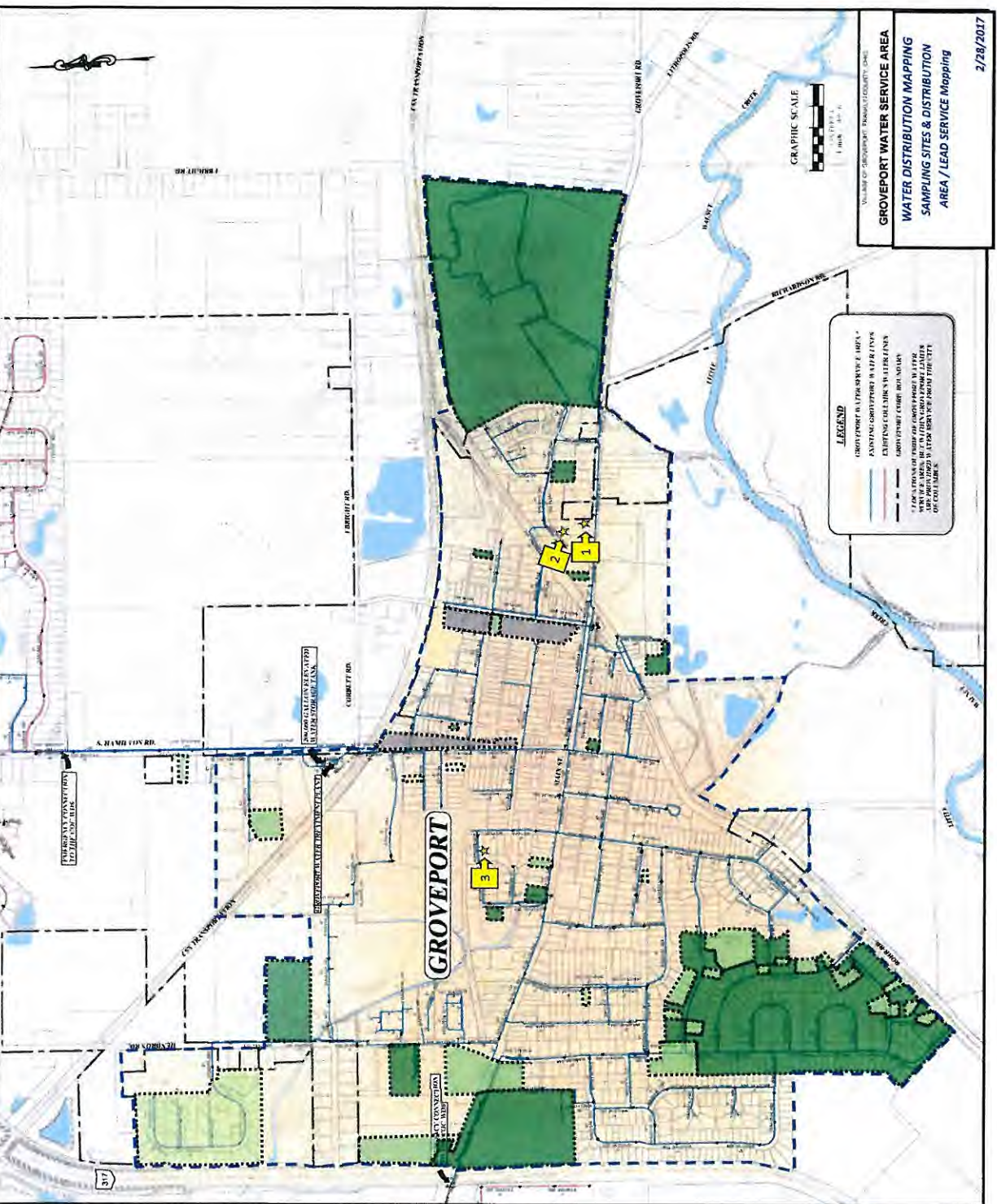
- 1) Tier 1 sampling sites.
- 2) Groveport Water Service Area (Limits in blue line-type)
- 3) PWS zones:
 - a. Related to Services: Zones (shown in color gray) with possible lead services (corp-stop to curb-stop).
 - b. Building Zones: zones with certain building characteristics (based on dwelling age), as follows:
 - i. Light Green: Areas where buildings were constructed between 1987 and 1998
 - ii. Green: Areas where buildings were constructed after 1998
 - iii. Yellow: Areas where buildings that were constructed, were built before 1987.

Discussion:

Mapping effort involved research and discussion with the Public Works Department and Building Department personnel to identify whether or not the City had records related to historic water system or service maintenance, building permit files or plans, and plumbing permit files or plans. Other than CIP-record plans for public system water main replacements and extensions, no maintenance records on existing services were available for review. Related to building plumbing, piping and fixtures, and the private portion of building services (beyond the curb stop), no records were available. In fact, it wasn't until 1994, that the City of Groveport had a certified Building Department and when City-issuance of building permits began. Prior to 1994, there was no local permitting authority. Moreover, the building department does not retain records related to material used for plumbing-pipe, solder or fixtures.

The approach for establishing zones within the City that have buildings with possible lead services from corp-stop to curb-stop, is based on observations made by Water Department personnel during plumbing repairs in the public right-of-way. As to "Building Characteristics", for buildings served by the PWS, the City's approach is to demonstrate building characteristic based on an estimate of buildings' year of construction. The City prepared an inventory of parcels served by the PWS that included an estimate of building age from "Dwelling Data" available as public record on the Franklin County Auditor's office website. In many cases, the "Dwelling Data" included an estimate of the year a building was constructed. The "Dwelling Data" on the Auditor's website correlated well with the City's recall of recent construction (e.g., after 1998), hence it was decided the Auditor data was a reasonable source and is thus the best available data found at this time. After preparing the inventory, the three Building zone areas, under above-listed items 3.b, were mapped.

Appendix A, includes the Lead and Copper Sample Monitoring Point Spreadsheet, which was delivered to the Ohio EPA DDAGW, on December 27, 2016.



SAMPLING SITES
 For TIER 1 Sites

Site 1: 778 Main St
 SMP ID: LC207

Site 2: 773 Elm St
 SMP ID: LC221

Site 3: 351 Holton St
 SMP ID: LC222

- LEGEND**
- Groveport Water Service Area; Ex. buildings constructed before 1987
 - Tier One Site (owner responding)
 - Zone with possible lead Services (Corp stop to curb stop) but no information available.
 - Buildings constructed between 1987-1998.
 - Post-1998 building construction: water services & solder for house plumbing considered lead free

All other Single Family sites in Groveport and that are CWS customers are Tier 3 sites. No Tier 2 sites in Groveport's CWS.*

*Note: Tier 1 Site at 324 West Street is not responding.