

RE: Arcadia Village
Report
Lead Mapping
Drinking Water Program
Hancock County
PWS ID: OH3200903

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APR 12 2017
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**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 PWS states they have no lead service lines and has reviewed the following information (select one or more of the following):	
<input checked="" type="checkbox"/>	Historical permit records and/or local ordinances
<input type="checkbox"/>	Distribution maintenance records (i.e. meter replacement, waterline break repairs)
<input checked="" type="checkbox"/>	Information pertaining to installation dates for all service lines (i.e. after 1986 when lead services lines were banned)
<input type="checkbox"/>	Service line material of all service lines is known (i.e. all service lines are known to be PVC)

Ronald E Falls 1008633 4-4-17
Signature of Responsible Person Date
RONALD E FALLS 1008633 O.R.C.
Printed Name and Title of Responsible Person

PWS NAME: ARCADIA VILLAGE
PWS ID: OH 3200903
COUNTY: HANCOCK

For Ohio EPA use only: Date Verification Rec'd: _____

Village of Arcadia, Ohio, OH3200903

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Narrative for Lead & Copper Rule Compliance

The Village of Arcadia water system is 18 years old being constructed in 1999. It came into existence due to septic tank aging/failure and poor well water quality. The force main Sewer System was installed in 1988. There are currently 300 service connections supplying water to Village of Arcadia customers and approximately 60 service connections in the Red Hawk Golf Course subdivision.

Due to Local Ordinance and the age of the system, no Lead Service lines exist in the Village of Arcadia. The map indicates mainline locations in The Village of Arcadia and the Red Hawk Golf Course and Subdivision. The "General Service Rules" were created to further codify each service added to the Village of Arcadia Water System. The specification is $\frac{3}{4}$ inch "Type K-soft Copper" on the Customer Service Line with 1" Type K-Soft Copper on the Village of Arcadia Side. However most of the Customer side service lines to the homes are also 1" Type K-Soft Copper.

While some of the homes in the Village of Arcadia date to the 1880s most of them are 1900 to mid-century construction. The inside plumbing of most all of the homes in the Village of Arcadia was converted to plastic at the time of the Distribution System construction in 1999. The cost of the inside plumbing was included in the scope of the project. Each service tap is documented in the file system at the Village of Arcadia Office, with materials and locations of the Curb box / Shut off.

Arcadia buys water, through a master meter from the City of Fostoria (OH7400411). Fostoria Water practices Calcium Carbonate Stability Control by utilizing Langelier's Index. Liquid linear phosphate is added as well at a 0.60 mg/L dose. Historical Lead & Copper sampling has indicated no problem meeting OEPA Standards.

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

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Red Hawk
GOLF COURSE
SUG DESIGN

Key
WATERLINE

