

Legend

centerline

<all other values>

MILFORD

yes

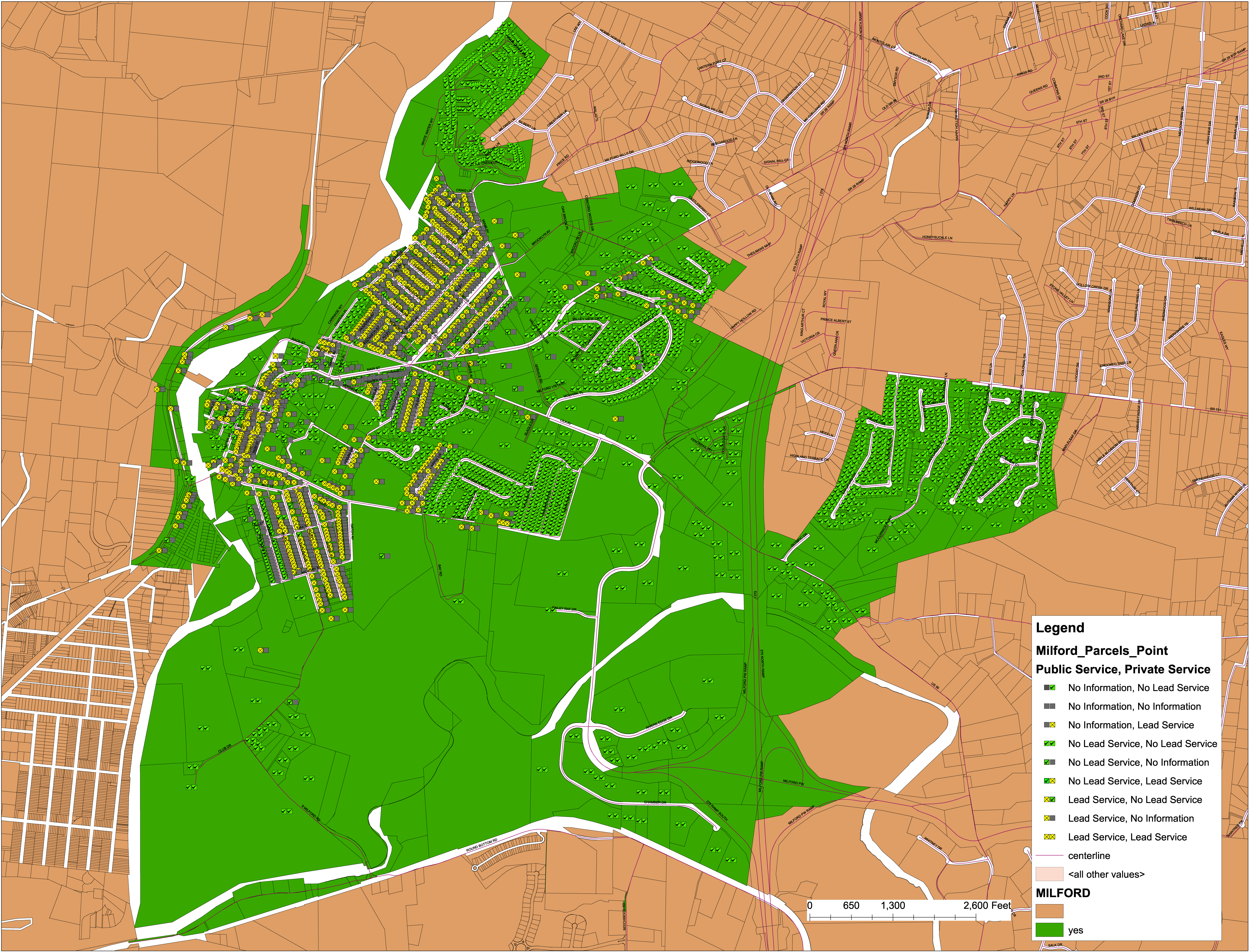
2014_components

Post_2014

Greater than 0.25% Lead

Less Than 0.25% Lead

0 800 1,600 3,200 Feet



Legend

Milford_Parcels_Point

Public Service, Private Service

No Information, No Lead Service

No Information, No Information

No Information, Lead Service

No Lead Service, No Lead Service

No Lead Service, No Information

No Lead Service, Lead Service

Lead Service, No Lead Service

Lead Service, No Information

Lead Service, Lead Service

centerline

<all other values>

MILFORD

yes



City of Milford

General Administration
831-4192
248-5096 FAX

745 Center Street, Suite 200, Milford, Ohio 45150

www.milfordohio.org

March 7, 2017

Gina Hayes
Ohio Environmental Protection Agency
Division of Drinking and Ground Water
Southwest District Office
401 East Fifth Street
Dayton, Ohio 45402

RECEIVED
OHIO EPA
MAR 09 2017
Southwest District

Re: Ohio HB 512; Lead Service Line and Fixture Mapping

Ms. Hayes,

In accordance with Ohio HB 512 and Ohio EPA's letter dated January 17, 2017, the City of Milford Water Department has completed the Lead Service Line and Fixture Mapping Project for the Milford Service Area. Enclosed are the following.

1. DVD with lead service areas in PDF format
2. A narrative description of buildings served by the City of Milford water system that are likely to contain lead service lines, lead solder, plumbing or fixtures.
3. A list of sampling locations are Tier I sites used to collect samples as required by rules adopted under ORC Section 6109.121, including contact information for the owner and occupant of each sampling site.

A copy of the map has also been sent to the Ohio Department of Health (ODH) via email to BEH@odh.ohio.gov and to the Ohio Department of Job and Family Services (ODJFS) Office of Family Assistance-Bureau of Child Care Licensing and Monitoring, PO Box 183204, Columbus, Ohio 43218-3204.

If you have any questions or need any additional information, please let me know. I can be reached at 513-831-4192 or mnewman@milfordohio.org

Sincerely,

Matthew A. Newman
Asst. Public Works Director

CC: Michael Doss, City Manager
Nate Clayton, Public Works Director



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RECEIVED
OHIO EPA

MAR 09 2017

Southwest District

Description of buildings likely to contain leaded solder, plumbing, or fixtures

The City of Milford was established in 1836. Milford's water distribution system consist of a mixture of cast iron, ductile iron, C900 DR14, and C-900 DR18. Due to the age of the system we have encountered that the majority of our services installed prior to 1960 were connected to the water man through a three foot lead goose neck. All service after 1960 on cast iron or ductile were connected to the main through a brass corp stop, copper, and a brass curb stop. All PVC connections are made through a brass saddle, brass corp stop, copper service, and brass curb stop. Since the City's responsible for anything beyond the curb stop, so copper setters are the property owners responsibility and likely to contain lead solder. The City of Milford policy is to remove any lead service that develops a leak or must be maintenance in anyway. The lines are replaced with copper from the main to three feet past curb stop.

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. The copper setters that were made prior to June 1986 may contain lead solder, all copper setters made after June 1986 may not. 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 prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.

When developing the map I had to break the map into two color codes. Green represents the Milford service area and orange represents everything outside the service area. Nearly 90% of our lead is concentrated in three areas. Area one is South Milford part of the original system, the roads included Cleveland Ave and Laurel Ave. Mound Ave is in the same area, but in the late 1990's Sem Laurel was built. Do to the size of the facility they required to install a new 8" DI water main. That main was ran down Mound Ave and all the taps were transferred to the new main.

Area two would be Old downtown Milford. Water St is the only area in this part of town that is without lead service lines from the main. These included 1-433 Main St, High St, Polk St, Locust St, Elm St, and Cash St. In 2012 as part of the Riverwalk Apartment Project the city replace the existing 4" main on Water St transferring the taps to a new 6" PVC line.



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Area three is East Milford. This area of town has not seen a main replacement since the early 1950's. These lines are assumed to have lead goose necks. Though you will find a hand full that have been replaced. The roads in this are Center St, Forest Ave, Elizabeth St, Pasadena, Clark St, Copper Ave, Helen St, Dot St, Miami Ave, Riverside Dr, and Cross St.

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