



JEFFERSON COUNTY
WATER and SEWER DISTRICT

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Lead Mapping and Sample Monitoring Points Project for the
Jefferson County Water and Sewer District- Area M,
PWS ID# OH4101103

March 8, 2017

Area M consists of approximately 5,600 water services and a population of 14,000. The water source is exclusively the Toronto Water Department.

Within Area M, during the last 30-35 years, the District has extended service to the communities of Irondale, Hammondsville, Empire, Pottery Addition, Bergholz, Amsterdam, Bloomingdale, Knoxville and unincorporated areas of Wintersville. Except for the villages of Bergholz and Amsterdam, all residential service lines in this area are ***known to not be lead***, both on the utility side and the customer side. This is known due to the fact that all of the meters are located in meter wells in parcel rights-of-way (ROWS) and were installed by the District itself. Furthermore, all new service lines in any of our service areas are required to be PVC and this has been standard practice since the inception of the District.

When the district acquired Bergholz and Amsterdam, the residential meters were not moved outside at that time. That is why there is limited information as to the composition of service lines in these areas. It should be noted that in all of the maintenance and repair work performed in these areas over time (per conversations with several of our long-time employees) there have been no lead service lines discovered.

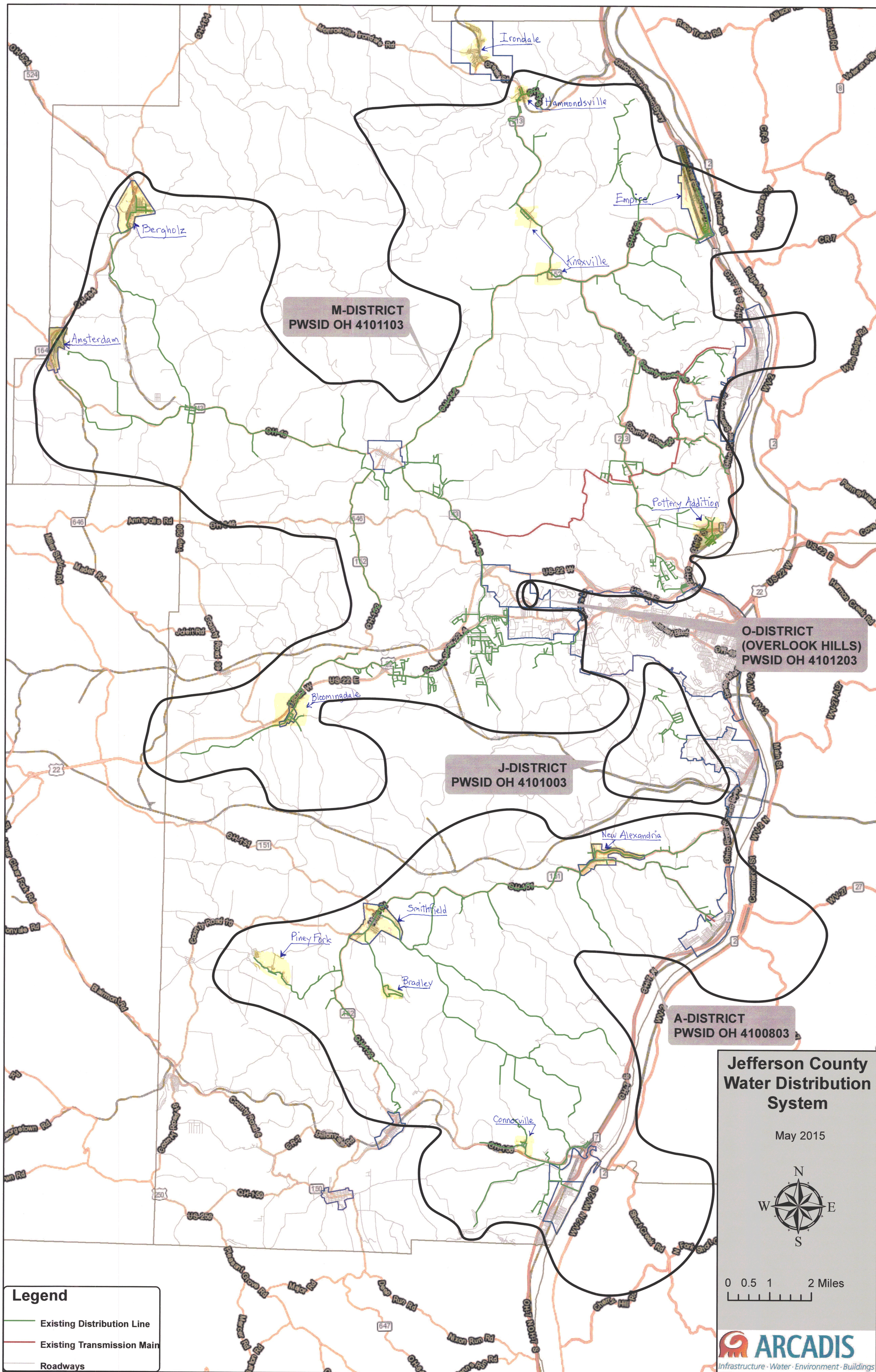
Throughout Area M the vast majority of buildings are at least 40 years old and older. Therefore the likelihood of lead-containing solder in these buildings is high. Buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured

after 1998. 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.

In December of 2016, we issued a press release to the local newspaper asking residents to contact us if they know or suspect they have a lead service line. There were no responses for this system but we will continue to perform public outreach.

The mapping portion of this communication is comprised of one map showing the entire county-wide district with all four of our public water systems and their transmission lines shown. Smaller sub-maps of the individual communities generated from Google Earth are then provided, the legends of which indicate the known presence of *lead* in yellow, *no lead* in green and *unknown materials* in blue. All sub-maps of communities (except for Amsterdam and Bergholz) are coded green on both the public and private side of the service point. Those two communities are coded green on the public side and blue, for “unknown,” on the private side.

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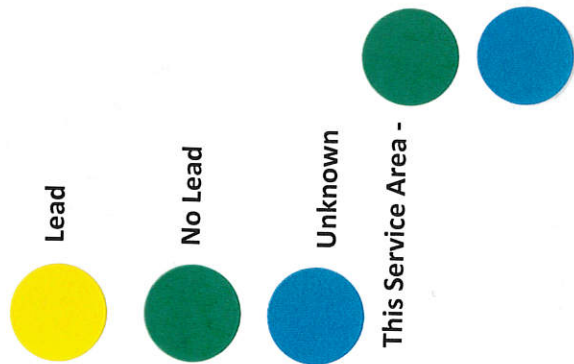


Imagery ©2017 Google, Map data ©2017 Google 500 ft

Amsterdam, Ohio
Jefferson County Water – Area M
PWSID# OH 4101103
Probability of Lead

Service Point:

Public
Private





Imagery ©2017 Google, Map data ©2017 Google 500 ft

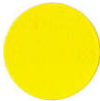
Bergholz, Ohio
Jefferson County Water – Area M

PWSID# OH 4101103

Probability of Lead

Service Point:

Public
Private



Unknown

This Service Area -





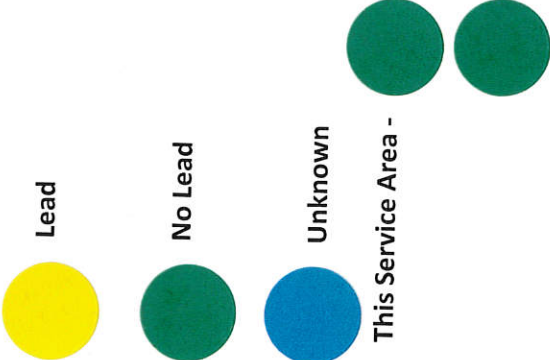


Imagery ©2017 Google, Map data ©2017 Google 500 ft

Empire, Ohio
Jefferson County Water - Area M
PWSID# OH 4101103
Probability of Lead

Service Point:

Public
Private





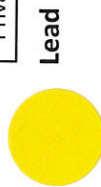


Imagery ©2017 Google, Map data ©2017 Google 200 ft

Irondale, Ohio
Jefferson County Water – Area M
PWSID# OH 4101103
Probability of Lead

Service Point:

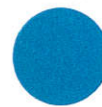
Public
Private



Lead



No Lead



Unknown



This Service Area -







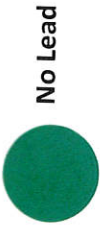
Pottery Addition, Ohio
Jefferson County Water – Area M

PWSID# OH 4101103

Probability of Lead

Service Point:

Public
Private



This Service Area -

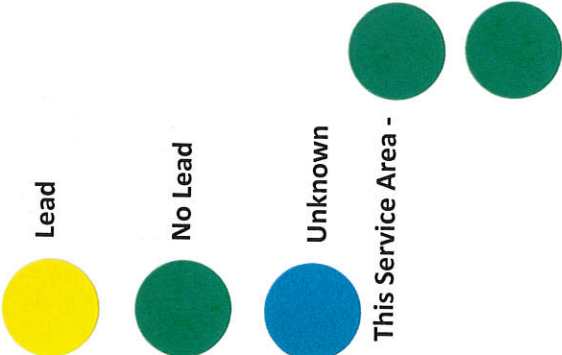




Wintersville, Ohio
Jefferson County Water – Area M
PWSID# OH 4101103
Probability of Lead

Service Point:

Public
Private



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