

McDonald Village

MUNICIPAL BUILDING

451 Ohio Avenue

McDonald, OH 44437-1935

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LEAD MAP NARRATIVE

At the request of the Ohio EPA the McDonald Water Department did conduct a study to try and determine where lead may have been used during the construction of the distribution system. Records were researched at the County Building Department and the Village's own files. There were specific locations identified that are suspected lead line locations, non-lead locations, and no information (see map). Criteria for these three areas were provided by the Ohio EPA. Although we have a very good idea about the construction of the distribution supply lines there is a possibility that each unit (residential or commercial) may have repaired, remodeled, or performed some level of construction not listed in the existing building records researched. 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 prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.

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County: _____
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March 6, 2017

Ohio EPA
Northeast District Office
Attn: Chris Maslo

RE: Lead Mapping Narrative

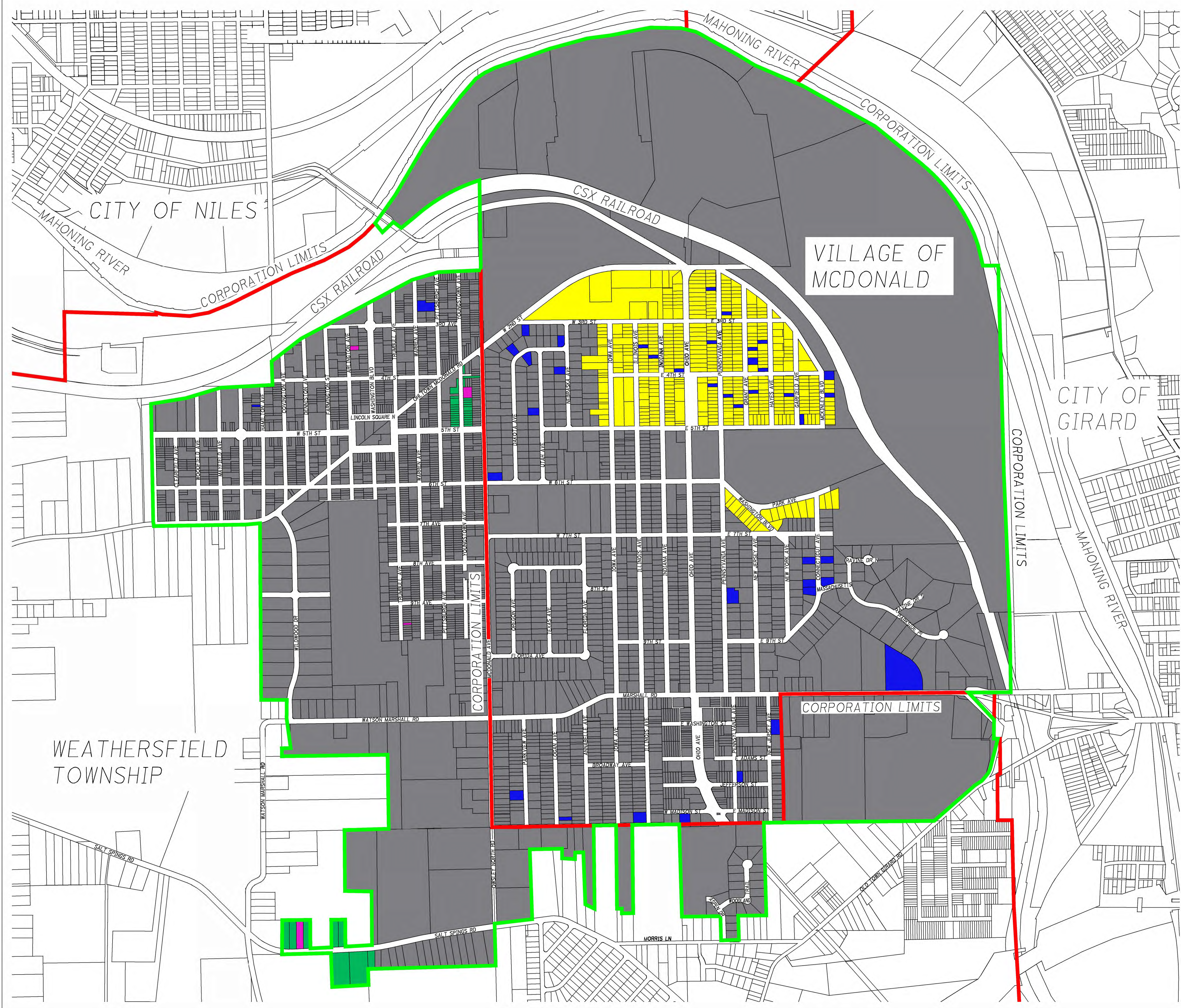
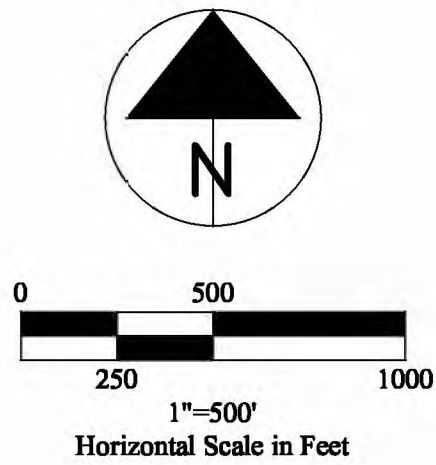
Special Purpose Sampling: The decision to do special purpose samples at particular locations in the distribution system was because of orange water complaints. A meeting with the Ohio EPA and two Village employees was held on January 17, at the Northeast District office. The Village did consent to do special purpose sampling at the request of the Ohio EPA in four homes. Samples were collected to test for water quality, lead, and copper. The sampling was conducted January 2017; all results were reported to residents and the Northeast District. Lead and copper results were negative and water quality was very good.

McDonald Village Water Distribution Area: The distribution map identifies our water jurisdiction McDonald Village is responsible for. Within the jurisdiction we researched properties to identify Tier 1 and Tier 3 sites. The Trumbull County Auditor's website was our most accurate resource to identify the age and type of construction in our jurisdiction. Please see attachments. Tier 1 sites were identified by the date of construction. No records were found from the County or the Village identifying construction materials used for water service lines from the beginning of construction in McDonald to now. Tier 3 sites were sites that we previously used in lead and copper sampling. Plastic service lines are required now and as recently as about 35 years ago, according to our own water records. McDonald Water Department will replace any lead lines it finds during an excavation from water breaks, sewer pipe replacements, or any other construction around the water main. In McDonald jurisdiction the responsibility from the main line to the curb box is the Village's to replace and from the curb box to the house is the property owners. During all of the hundreds of times that excavation around our water mains was done it has only be documented once that there was a replacement of a lead service line from the main line to the curb box. Service lines in McDonald jurisdiction are mostly constructed from copper and plastic.

Any comments or questions regarding this narrative please contact:

Thomas T. Domitrovich
Administrator
Village of McDonald
(330) 530-5472
(330) 503-2390

VILLAGE OF McDONALD OHIO



SAMPLE LOCATION TABLE			
PWS ID	PWS NAME	SMP ID	TIER SITE
7802003	MCDONALD VILLAGE	LC201	TIER 1
7802003	MCDONALD VILLAGE	LC202	TIER 1
7802003	MCDONALD VILLAGE	LC203	TIER 1
7802003	MCDONALD VILLAGE	LC204	TIER 1
7802003	MCDONALD VILLAGE	LC205	TIER 1
7802003	MCDONALD VILLAGE	LC206	TIER 1
7802003	MCDONALD VILLAGE	LC207	TIER 1
7802003	MCDONALD VILLAGE	LC208	TIER 1
7802003	MCDONALD VILLAGE	LC209	TIER 1
7802003	MCDONALD VILLAGE	LC210	TIER 1
7802003	MCDONALD VILLAGE	LC211	TIER 1
7802003	MCDONALD VILLAGE	LC212	TIER 1
7802003	MCDONALD VILLAGE	LC213	TIER 1
7802003	MCDONALD VILLAGE	LC214	TIER 1
7802003	MCDONALD VILLAGE	LC215	TIER 1
7802003	MCDONALD VILLAGE	LC216	TIER 1
7802003	MCDONALD VILLAGE	LC217	TIER 1
7802003	MCDONALD VILLAGE	LC218	TIER 1
7802003	MCDONALD VILLAGE	LC219	TIER 1
7802003	MCDONALD VILLAGE	LC220	TIER 1
7802003	MCDONALD VILLAGE	LC221	TIER 3
7802003	MCDONALD VILLAGE	LC222	TIER 3
7802003	MCDONALD VILLAGE	LC223	TIER 3
7802003	MCDONALD VILLAGE	LC224	TIER 3
7802003	MCDONALD VILLAGE	LC225	TIER 3
7802003	MCDONALD VILLAGE	LC226	TIER 3
7802003	MCDONALD VILLAGE	LC227	TIER 3
7802003	MCDONALD VILLAGE	LC228	TIER 3
7802003	MCDONALD VILLAGE	LC229	TIER 3
7802003	MCDONALD VILLAGE	LC230	TIER 3
7802003	MCDONALD VILLAGE	LC231	TIER 3
7802003	MCDONALD VILLAGE	LC232	TIER 3
7802003	MCDONALD VILLAGE	LC233	TIER 3
7802003	MCDONALD VILLAGE	LC234	TIER 3
7802003	MCDONALD VILLAGE	LC235	TIER 3
7802003	MCDONALD VILLAGE	LC236	TIER 3
7802003	MCDONALD VILLAGE	LC237	TIER 3
7802003	MCDONALD VILLAGE	LC238	TIER 3
7802003	MCDONALD VILLAGE	LC239	TIER 3
7802003	MCDONALD VILLAGE	LC240	TIER 3

SPECIAL PURPOSE SAMPLE LOCATION TABLE		
PWS ID	PWS NAME	TYPE OF SITE
7802003	MCDONALD VILLAGE	DS
7802003	MCDONALD VILLAGE	DS
7802003	MCDONALD VILLAGE	DS
7802003	MCDONALD VILLAGE	DS

LEGEND

- SUSPECTED LEAD LINE LOCATIONS
- NON-LEAD LOCATIONS
- NO INFORMATION LOCATIONS
- SAMPLE SITE LOCATIONS
- SPECIAL PURPOSE SAMPLE LOCATIONS
- WATER DISTRIBUTION LIMITS
- CORPORATION LIMITS