

## 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
<p><b>This PWS states they have no lead service lines and has reviewed the following information (select one or more of the following):</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> Historical permit records and/or local ordinances</li><li><input checked="" type="checkbox"/> Distribution maintenance records (i.e. meter replacement, waterline break repairs)</li><li><input type="checkbox"/> Information pertaining to installation dates for all service lines (i.e. after 1986 when lead services lines were banned)</li><li><input type="checkbox"/> Service line material of all service lines is known (i.e. all service lines are known to be PVC)</li></ul>

*Delbert Playforth*      3-8-17  
Signature of Responsible Person      Date

DELBERT PLAYFORTH      OPERATOR OF RECORD  
Printed Name and Title of Responsible Person

PWS NAME: CITY OF MONROE  
PWS ID: OH 0902012  
COUNTY: BUTLER

### For Ohio EPA use only:

Date Verification Rec'd: \_\_\_\_\_



Robert E. Routson  
Mayor

# City of Monroe

P. O. Box 330  
Monroe, Ohio 45050  
[www.monroeohio.org](http://www.monroeohio.org)

Monroe (513) 539-7374  
Fax (513) 539-6460  
[cityhall@monroeohio.org](mailto:cityhall@monroeohio.org)

William J. Brock  
City Manager

March 3, 2017

Mr. Dan Cloyd  
Ohio Environmental Protection Agency  
Southwest District Office  
401 East Fifth Street  
Dayton, Ohio 45402

Re: Lead Mapping in Distribution System

Dear Mr. Cloyd,

Per the requirements of the Ohio Environmental Protection Agency Guidelines for Mapping Lead in Distribution Systems, dated January 9, 2017, the City of Monroe has conducted the requisite effort with support from RA Consultants, LLC as summarized in this report. To our knowledge, based on the timing of development within our community, the construction of our treatment plant and distribution system (early 1950's), our records and our staff experience, the City of Monroe does not know of or suspect any presence of lead service laterals within our system.

This report documents our findings and the other requirements of the Ohio EPA guidance. As stated in the guidance, the following are required:

1. Submit a report to the appropriate Ohio EPA, Division of Drinking and Ground Waters (DDAGW) District Office containing, at minimum, the information below. (District Office addresses and phone numbers are listed in section X of this guidance.)
  - a) The map detailed in section VI of this guidance.
  - b) A narrative description of buildings served by the water system likely to contain lead solder, plumbing or fixtures. Where possible, areas of the community where buildings meeting these characteristics are most likely located should be described -and may be identified on a map of the community.
  - c) A list of sampling locations that 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

Per item 1.a., the map as required is attached as Figure 1. The map shows the age of service laterals throughout the City of Monroe. As shown, the oldest laterals were installed in 1952, after lead services had been outlawed in the State of Ohio.

In addition, we have provided a letter from our Utility Division Crew Leader, Delbert Playforth, as Attachment 1. Mr. Playforth has been an employee of the City of Monroe for more than 26 years. He has personally been involved with the installation, repair and replacement of laterals throughout the City throughout his employ. Per his signed letter, he has never encountered lead service lines. This firsthand knowledge is corroborated with our records and supported by the timing of development within our community.

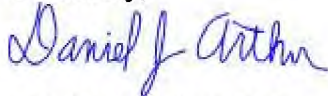
For item 1.b., we have provided aerial mapping overlaid with service connections color coded by installation decade. We have geographically grouped these areas and described the characteristics of the areas as shown in Attachment 2.

Per item 1.c., our list of sampling locations and other requisite information is provided in Attachment 3.

**NOTE:** 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.

Based on our understanding of the information required per the OEPA guidance document, we believe we are in compliance. Please contact me, Dan Arthur, P.E., Director of Public Works, if any additional information is required.

Sincerely,



Daniel J. Arthur, P.E.  
Director of Public Works

C: William J. Brock, P.E., Monroe City Manager  
Ohio Department of Health, Lead Program  
Ohio Department of Job and Family Services (ODJFS), Office of Family Assistance  
Chris Weber, P.E., RA Consultants, LLC

**Figures:**

1. Water Distribution Map

**Attachments:**

1. Delbert Playforth Testimonial
2. Narrative Area Descriptions
3. Tier 1 Sampling Locations

**Water Service Line Analysis**

Legend:

- 1950
- 1960
- 1970
- 1980
- 1990
- Water Lines

Scale: 0 0.5 1 2 Miles

Year	Line Count
1950	41
1960	7
1970	2
1980	4
1990	90
1971	22
1972	61
1977	97
1978	107
1979	107
1980	107
1981	2
1982	20
1983	2
1984	77
1985	3
1986	16
1987	34
1988	53
1989	59
1990	57
1991	7
1992	26
1993	52
1994	46
1995	113
1996	100
1997	101
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2146	101

## Water Service Line Analysis



## Attachment 1: Delbert Playforth Testimonial



Robert E. Rountson  
Mayor

**CITY OF MONROE**  
P.O. BOX 330

Monroe, OH 45050  
[www.monroecohio.org](http://www.monroecohio.org)

Monroe (513) 539-7374  
Fax (513) 539-6460

William J. Brock  
City Manager

March 2, 2017

Ohio Environmental Protection Agency  
50 West Town Street, Suite 700  
PO Box 1049  
Columbus, OH 43216-1049

Re: City of Monroe – Lead Service Lines

To whom it may concern:

I have been employed with the City of Monroe for over 26 years. During that time, I have repaired water mains, service lines, curb stops, corp stops, etc. and have been in numerous homes throughout the City of Monroe for various work related issues. In all the service calls, inspections, etc. that I have performed during the time I have worked for the City of Monroe, I have never found any service lines to be lead.

The City of Monroe Water Department has also replaced every water meter in The City of Monroe and during these meter installs/replacements, we have not found any lead services to exist during the process.

With my vast experience through my employment with the City of Monroe Water Department, every procedure that I have performed has brought me to believe, to the best of my knowledge; there are not any lead service lines in the City of Monroe.

Thank you and please let me know if you have any questions, comments or concerns.

Sincerely,

Delbert Playforth  
Utilities Division Crew Leader

## Attachment 2: Narrative Area Descriptions

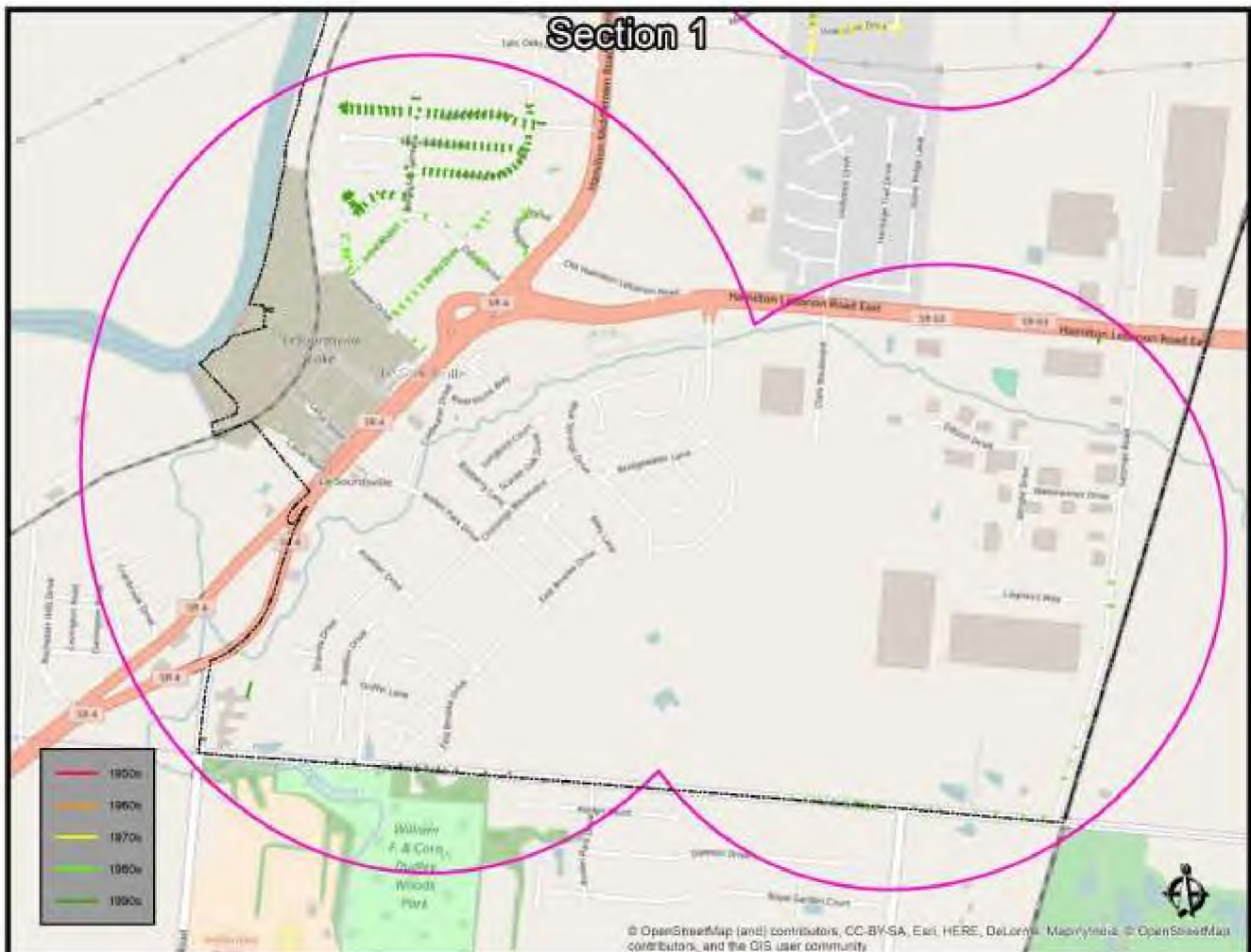
### Description of Water Service Lines Built Prior to 1998 in Monroe, Ohio

#### **Introduction:**

The City of Monroe was established in 1817. Between 1817 and the construction of the plant and distribution system, many residents relied on their own well for drinking water. There were two City wells that served several residents through a 2-inch line. This system was replaced in the 1950's when the City's water treatment and distribution system were initially constructed.

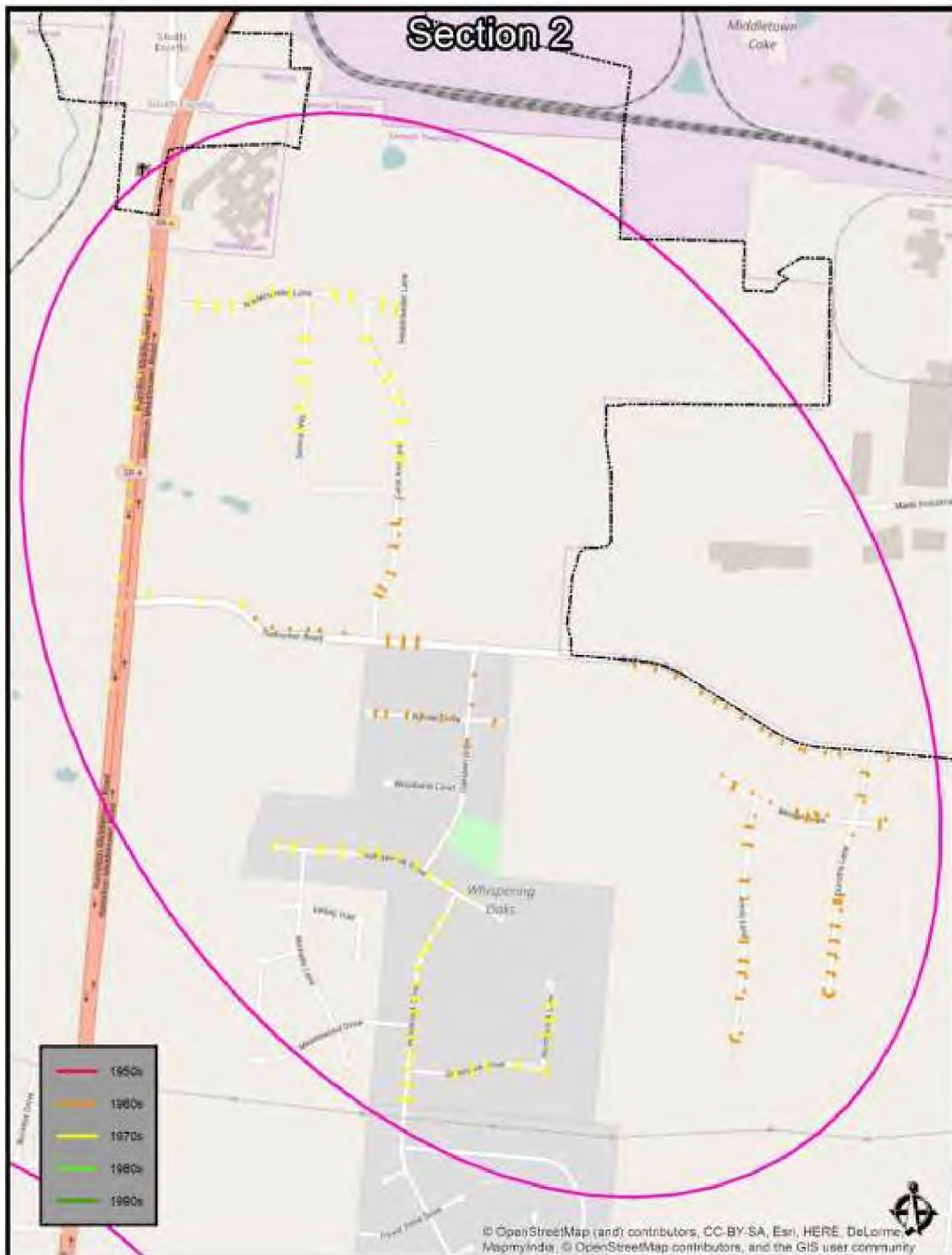
#### **Section 1:**

Located in the Southwest section of Monroe containing properties West and South of the US Route 63 and US Route 4 interchange, Section 1 consists of mostly residential service lines and a few commercial service lines. All service lines within Section 1 originated in the 1980s or 1990s. The service lines from the 1980s serve a few commercial properties and mostly one-story residences. The service lines from the 1990s serve primarily two-story residences in the subdivision west of US Route 4, as well as a senior living center in the southwesterly most corner of Monroe's city limits. This area is the responsibility of the Butler County Water and Sewer Department.



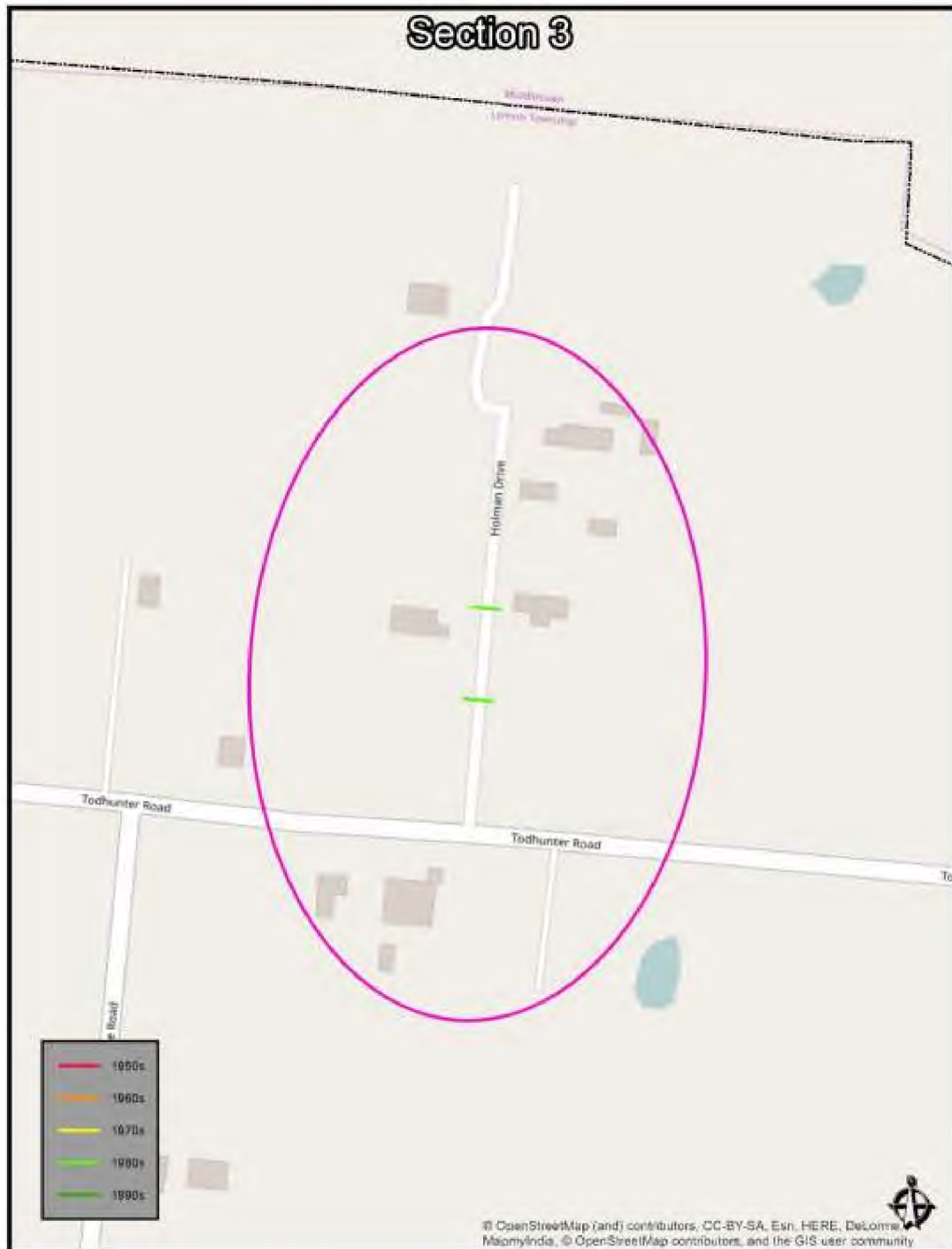
## **Section 2:**

Located in the Northwest section of Monroe containing properties in the subdivisions North of US Route 63 and East of US Route 4, Section 2 consists of all residential service lines. These service lines all originated from the 1960s and 1970s and serve single family residences with a mix of one-story and two-story houses.



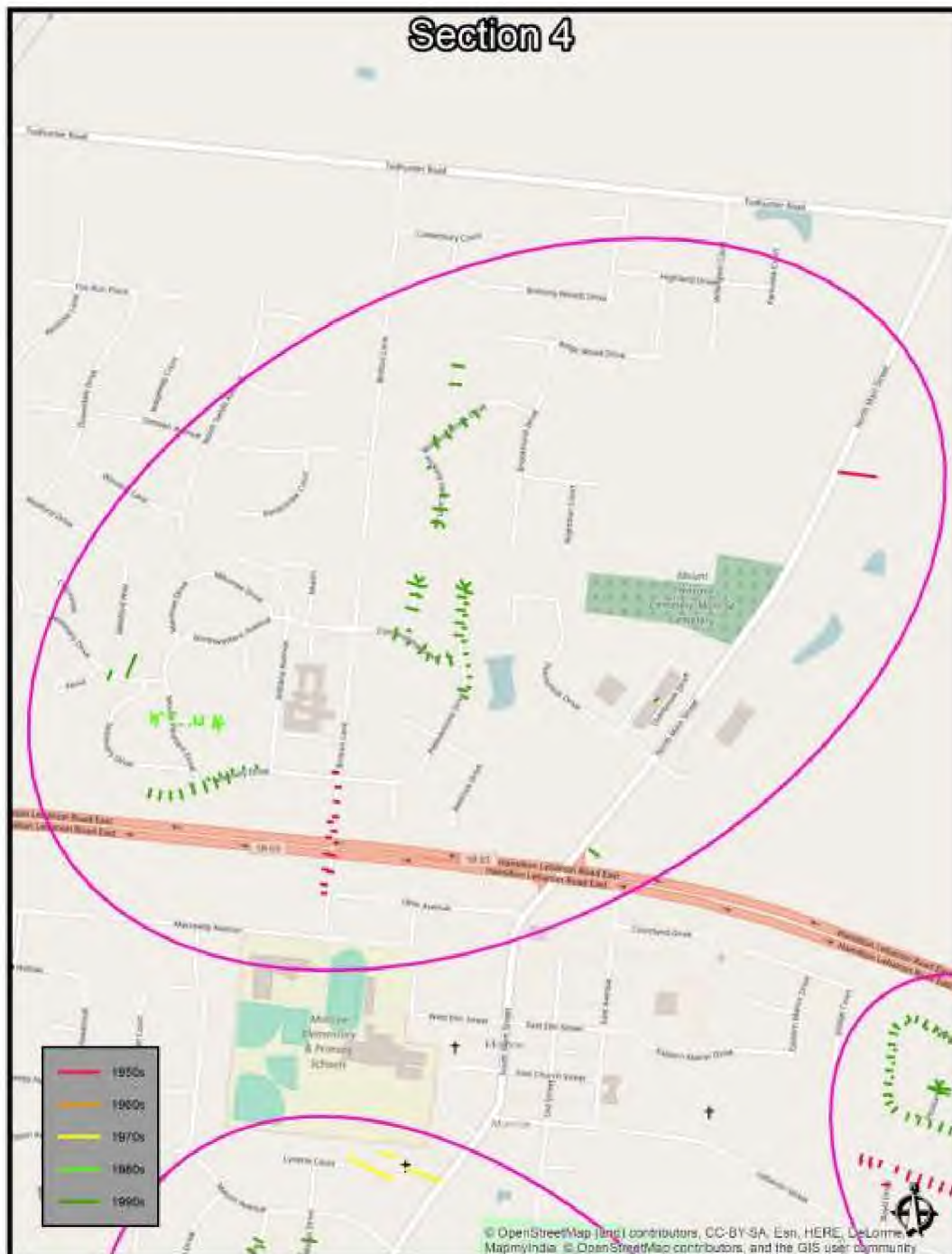
### **Section 3:**

Located in north central Monroe on Holman Drive north of Todhunter Road, Section 3 consists of only a few service lines on industrial properties. Both of these industrial service lines originated in the 1980s.



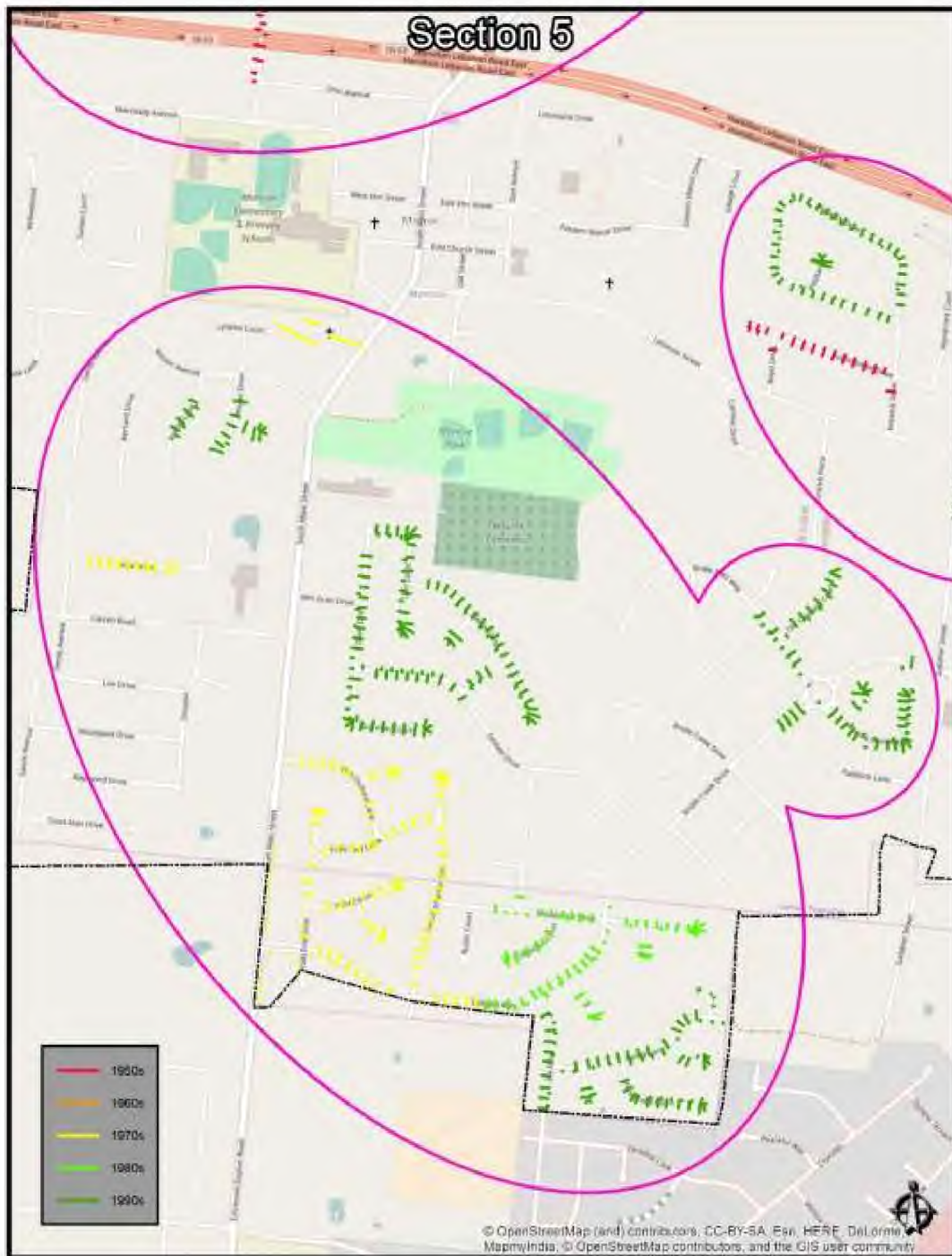
#### **Section 4:**

Located in central Monroe, Section 4 consists of all residential service lines. Most of the residential service lines originated in either the 1980s or 1990s and consist of two-story single family dwellings. There are several service lines in Section 4 that originated in the 1950s. These serve mostly one-story single family homes found at the intersection of Britton Lane and US Route 63 (Hamilton Lebanon Road). There is one service line from the 1950s that serves a two-story farm house on Cincinnati-Dayton Road north of US Route 63.



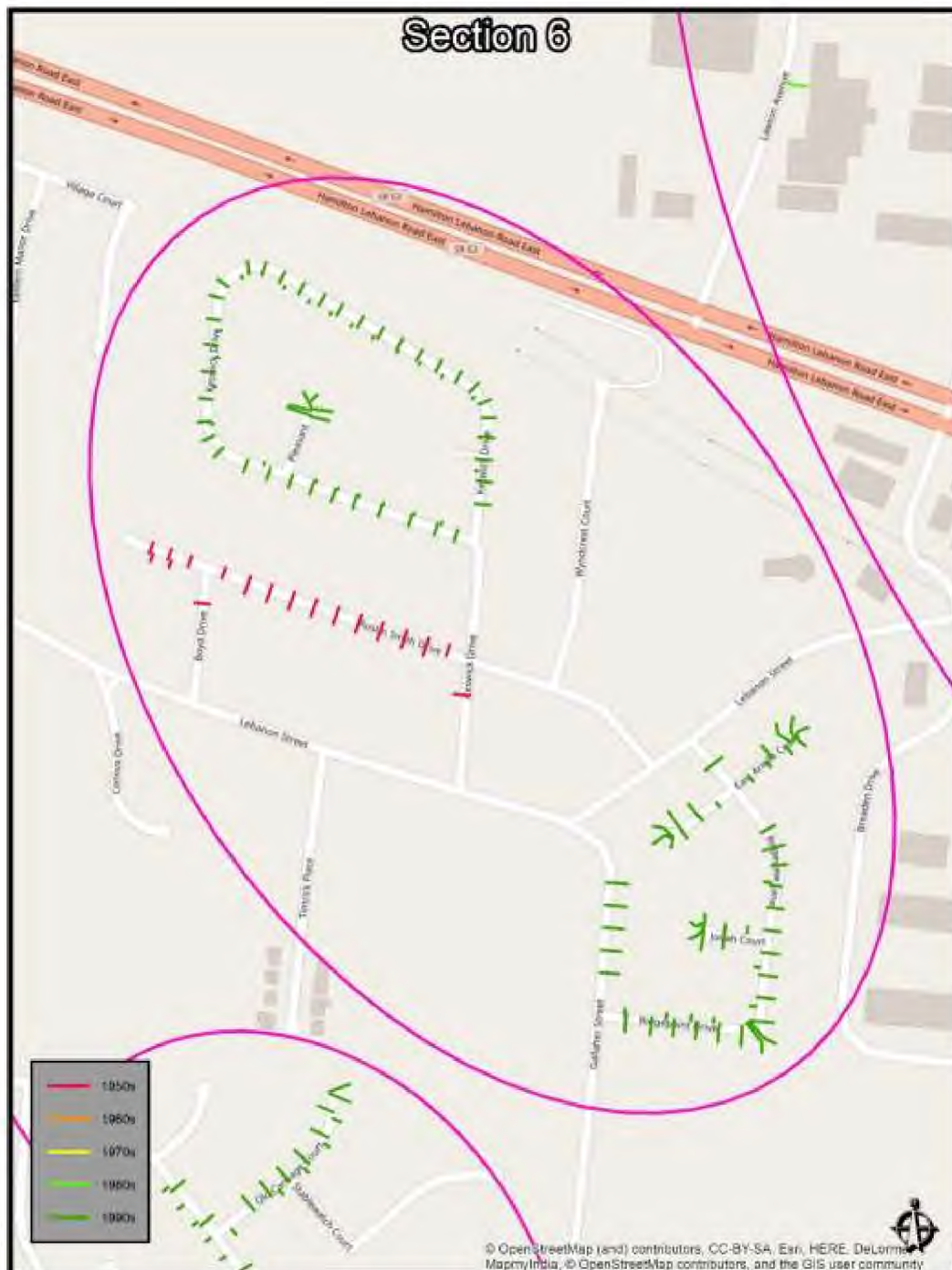
### **Section 5:**

Located in south central Monroe and containing subdivisions adjacent to S Main Street and Gallaher Street south of US Route 63, Section 5 contains water service lines to residential properties and one church. The service lines originating from the 1990s primarily serve two-story single family homes. The service lines originating from the 1970s and 1980s primarily serve one-story single family homes as well as a few two-story homes and two duplexes. The one church has a service line from the 1970s.



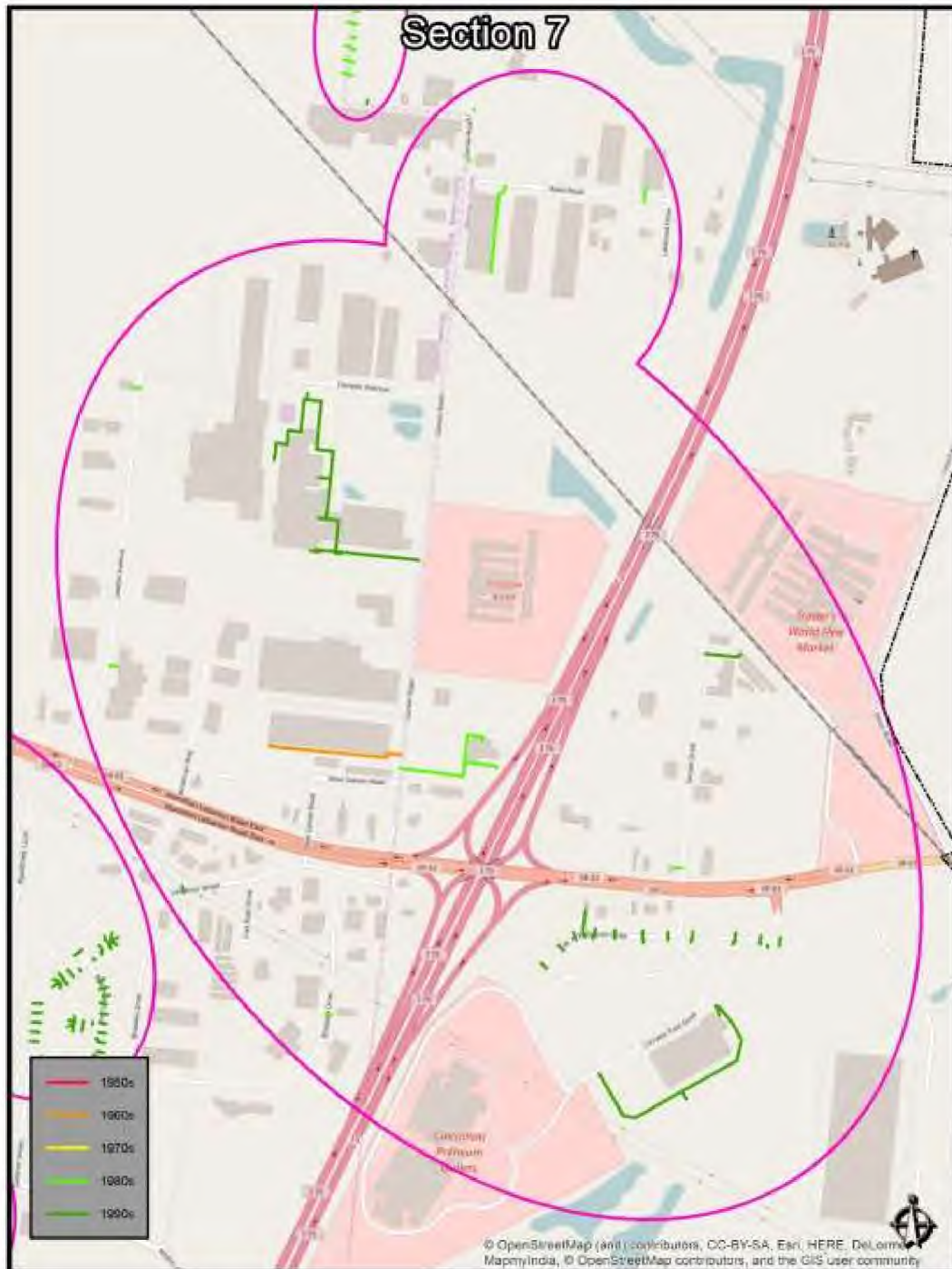
## Section 6:

Located in subdivisions adjacent to Lebanon Street south of US Route 63, Section 6 consists of all residential water service lines. A majority of these service lines originated in the 1990s, and serve single family homes that vary between one- and two-story. There is a whole neighborhood on Austin Smith Drive where the service lines originated from the 1950s, and these are all one-story single family homes.



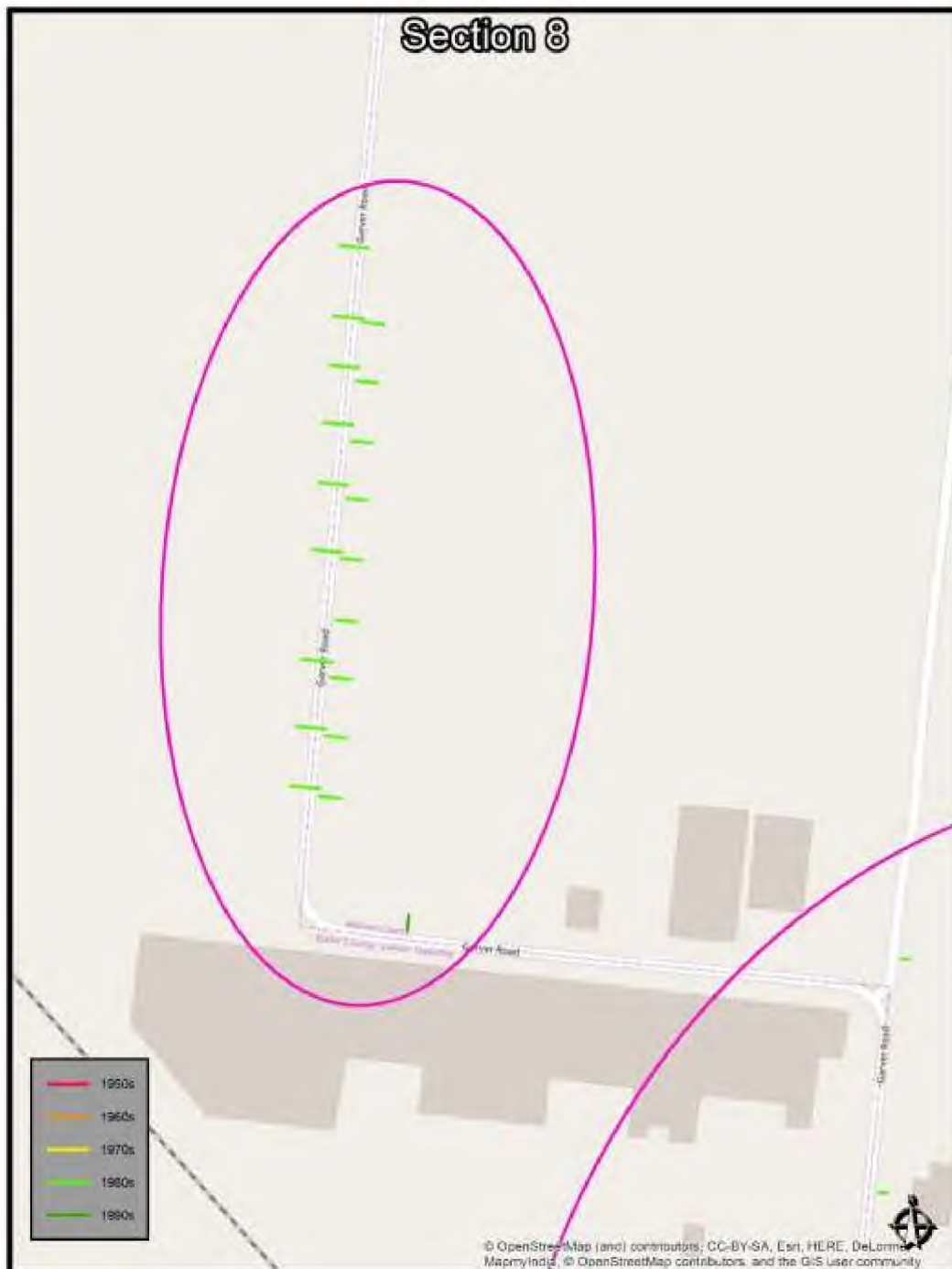
### **Section 7:**

Located in the Eastern section of Monroe, Section 7 contains commercial and industrial properties near the I-75/US63 interchange and along N Garver Road. Both the commercial properties (fast food, car dealerships, etc.) and the industrial properties have water service lines that originated in the 1980s and 1990s. There is one property in this section with a service line from the 1970s and that is an industrial property.



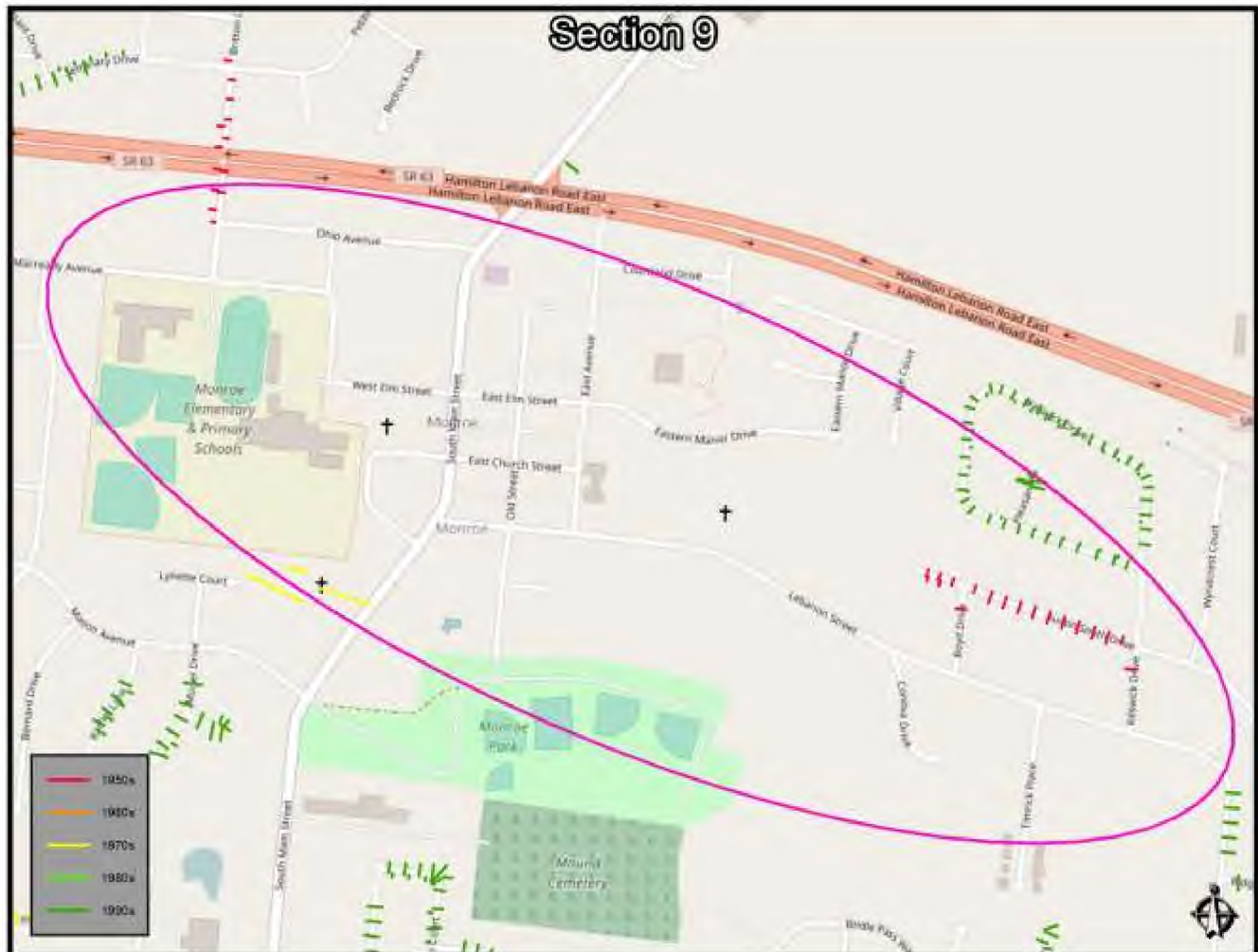
### **Section 8:**

Located in Northeast Monroe, Section 8 involves residential properties along N Garver Road. The water service lines for these residential properties all originated in the 1980s and serve single family homes that are mostly one-story with a few two-story as well. There is one residence, a one-story single family dwelling that has a water service line originating from the 1990s.



### **Section 9:**

Located in downtown Monroe south of US Route 63, Section 9 includes downtown Monroe, East of downtown along Lebanon Street, and West of downtown along Ohio Avenue and Macready Avenue. The service line installation date in this area is after 1952 based on the installation of the 6-inch and 8-inch lines throughout the City, but the actual date is unknown for there is no GIS data available for this section. Most of these properties are single family homes with a few other properties that contain homes repurposed for apartments and one church along Lebanon Street. There is an even mix of one-story and two-story buildings. Building construction ranges from 1817 to 1952.



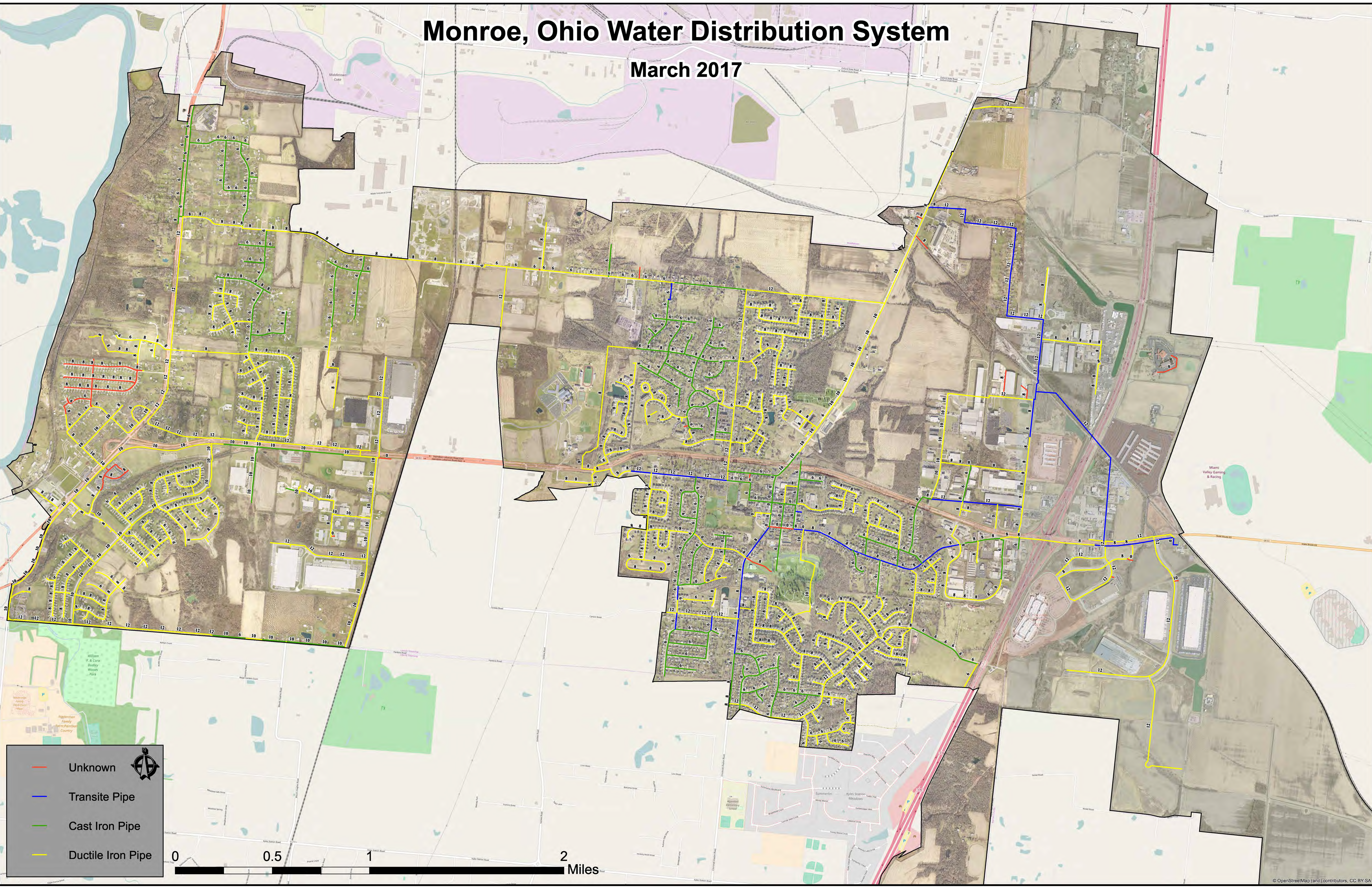
### Attachment 3: Tier 1 Sampling Locations

NAME	ADDRESS	CITY	STATE	ZIP	PHONE NUMBER	#
Barbara Sobecki	109 Muskingum Drive	Monroe	Ohio	45050	513-360-7063	1
William Hyatt	105 Muskingum Drive	Monroe	Ohio	45050	513-360-7403	2
Maurita Stueck	132 Northwestern Avenue	Monroe	Ohio	45050	513-402-7019	3
John Edgington	130 Northwestern Avenue	Monroe	Ohio	45050	513-539-0408	4
Michael Center	6042 Niederlander Lane	Middletown	Ohio	45042	513-423-0485	5
Kevin Vincent	3334 Carol Ann Lane	Middletown	Ohio	45042	513-420-0169	6
Gwendolyn Forney	3410 Carol Ann Lane	Middletown	Ohio	45042	513-424-4727	7
Sean Hammond	5981 Bendel Drive	Middletown	Ohio	45042	513-539-3460	8
Clyde Padgett	6018 Woodland Court	Middletown	Ohio	45042	501-350-0622	9
Katrina & Jabin Lakes	5919 Valleybrook Drive	Middletown	Ohio	45042	513-849-9831	10
Walter Andrews	3796 Hollybrook Drive	Middletown	Ohio	45042	513-539-9636	11
Timothy Kalasek	3834 Hollybrook Drive	Middletown	Ohio	45042	513-539-5159	12
Melanie Rohrs	6121 Greenoval Drive	Middletown	Ohio	45042	513-478-0356	13
Lester Blevins	3871 Northbrook Lane	Middletown	Ohio	45042	513-539-7757	14
Gail Alford	450 Todhunter Road	Monroe	Ohio	45050	513-539-6918	15
Leah Prychodko	506 N. Sands Avenue	Monroe	Ohio	45050	513-470-8095	16
Conrad Carpenter	17 Heatherwood Court	Monroe	Ohio	45050	513-539-8338	17
Carless Whitt	559 N. Sands Avenue	Monroe	Ohio	45050	513-539-7575	18
Larry Curless	540 Ridgeway Ct.	Monroe	Ohio	45050	513-539-7888	19
Herbert Prychodko	546 Fox Run Place	Monroe	Ohio	45050	859-967-4940	20
Rocky Sebastian	640 Wicklow Lane	Monroe	Ohio	45050	513-539-2086	21
Robert C. Frederick	143 Wexford Drive	Monroe	Ohio	45050	513-539-8969	22
Michael D. Gilmore	346 Wexford Way	Monroe	Ohio	45050	513-539-8575	23
Wanda Huckins	107 Maumee Drive	Monroe	Ohio	45050	513-899-9516	24
Larry Chamberlain	242 Bernard Drive	Monroe	Ohio	45050	513-539-8578	25
Michael Fletcher	279 Bernard Drive	Monroe	Ohio	45050	513-539-8656	26
Randy Turnbow	282 Bernard Drive	Monroe	Ohio	45050	513-594-9251	27
Troy & Gabrielle Cook	605 Austin Smith Drive	Monroe	Ohio	45050	513-578-5722	28
Jeff Berns	750 Lebanon Street	Monroe	Ohio	45050	513-539-8953	29
Lifeway Christian Church	760 Lebanon Street	Monroe	Ohio	45050	513-539-9584	30
James Frasher	145 Vista Court	Monroe	Ohio	45050	513-779-2169	31
Vicki Beckman	893 Kenwood Court	Monroe	Ohio	45050	513-907-9939	32
Kristen Ward	898 Kenwood Court	Monroe	Ohio	45050	513-404-0305	33
Glen O'Halloran	905 Trails End Drive	Monroe	Ohio	45050	513-755-2227	34
Peggy Curtis	912 Trails End Drive	Monroe	Ohio	45050	513-755-0248	35
David Baker	912 S. Main Street	Monroe	Ohio	45050	513-755-3088	36
Jennifer L. MacDonald	820 Douglas Avenue	Monroe	Ohio	45050	513-539-5210	37
Brittany Tishy	180 Moder Drive	Monroe	Ohio	45050	513-288-4712	38
Carols Morgan	140 Lynette Court	Monroe	Ohio	45050	513-539-9596	39
Thomas Lerch	230 Lynette Court	Monroe	Ohio	45050	513-539-9464	40
Kristen Gibson	945 Obenour Court	Monroe	Ohio	45050	513-360-3789	41
Matthew Heath & Jennifer Sisk	955 Obenour Court	Monroe	Ohio	45050	513-532-0937	42

NAME	ADDRESS	CITY	STATE	ZIP	PHONE NUMBER	#
Doug Lasanen	940 Obenour Court	Monroe	Ohio	45050	513-759-5984	43
Ricky Denner	960 Obenour Court	Monroe	Ohio	45050	513-755-8880	44
Lisa M. Wrenn	955 Rustic Court	Monroe	Ohio	45050	513-759-0766	45
Leonard Hardy Jr.	950 Rustic Court	Monroe	Ohio	45050	513-755-8054	46
Merle Gravett	460 Woodsdale Drive	Monroe	Ohio	45050	513-777-4268	47
Dave Lovejoy	285 Woodsdale Drive	Monroe	Ohio	45050	513-759-2288	48
Lindsey Middleton	320 Woodsdale Drive	Monroe	Ohio	45050	513-400-7896	49
Greg Chamberlain	895 Helsinger Drive	Monroe	Ohio	45050	513-515-3373	50
Marilyn Butler	945 Creek Court	Monroe	Ohio	45050		51
Dennis Skeritt	480 Stillpass Way	Monroe	Ohio	45050	513-777-0866	52
Gilbert Shepherd	240 Stillpass Way	Monroe	Ohio	45050	513-777-2407	53
Nicole Galvan	255 Stillpass Way	Monroe	Ohio	45050	513-755-0802	54
Kenneth Pfierman	210 Stillpass Way	Monroe	Ohio	45050	513-509-7213	55
Lisa Cooper	995 Tam-O-Shanter Way	Monroe	Ohio	45050	513-571-2905	56
Gregory Weinrich	988 Tam-O-Sahnter Way	Monroe	Ohio	45050	513-266-2024	57
Rick Whitson	831 Shady Court	Monroe	Ohio	45050	513-410-0555	58
Dennis O'Daniel	95 Vista Court	Monroe	Ohio	45050	513-779-0109	59
William Wahlert	105 Vista Court	Monroe	Ohio	45050	513-779-6338	60

# Monroe, Ohio Water Distribution System

March 2017



Unknown

Transite Pipe

Cast Iron Pipe

Ductile Iron Pipe

