

Summary Report – Water Service Inventory and Pilot Replacement

City of Flint

April 22, 2016

Introduction

ROWE Professional Services Company was contracted by the MDEQ to 1) develop and administer a pilot program for replacement of lead services and 2) collaborate with MDEQ staff and others to develop an inventory of services. This report provides a summary of these two tasks.

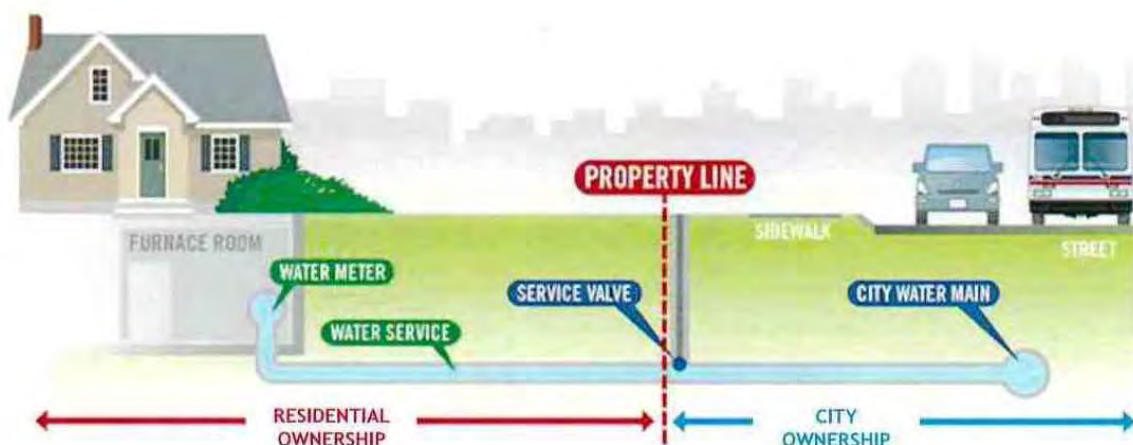
Typical Service Configuration

Water services in the City of Flint convey water from the water mains, which are typically located under the city's streets, to individual homes and businesses. In Flint, the portion of the service pipe located in the city's street right-of-way originally was installed by the city and the city is responsible for its maintenance. The portion of the service pipe located on private property is owned by the individual property owners and they are responsible for its maintenance. The private portion of the service pipes was initially installed individually, as each home or building was built. A curb stop (service valve) is provided on each service pipe, located near the transition from public right-of-way to private property.

Each home or business is provided with a water meter for the purpose of measuring the volume of water consumed. Meters are generally located in the basements of the buildings being served water. Meters are owned by the city and the city is responsible for maintenance of meters.

Figure 1 shows a typical water service.

Figure 1



Since the public portion of the services and the private portion of the services were installed separately at different times and by different installers, it is common that the public section and the private section are constructed of different pipe materials.

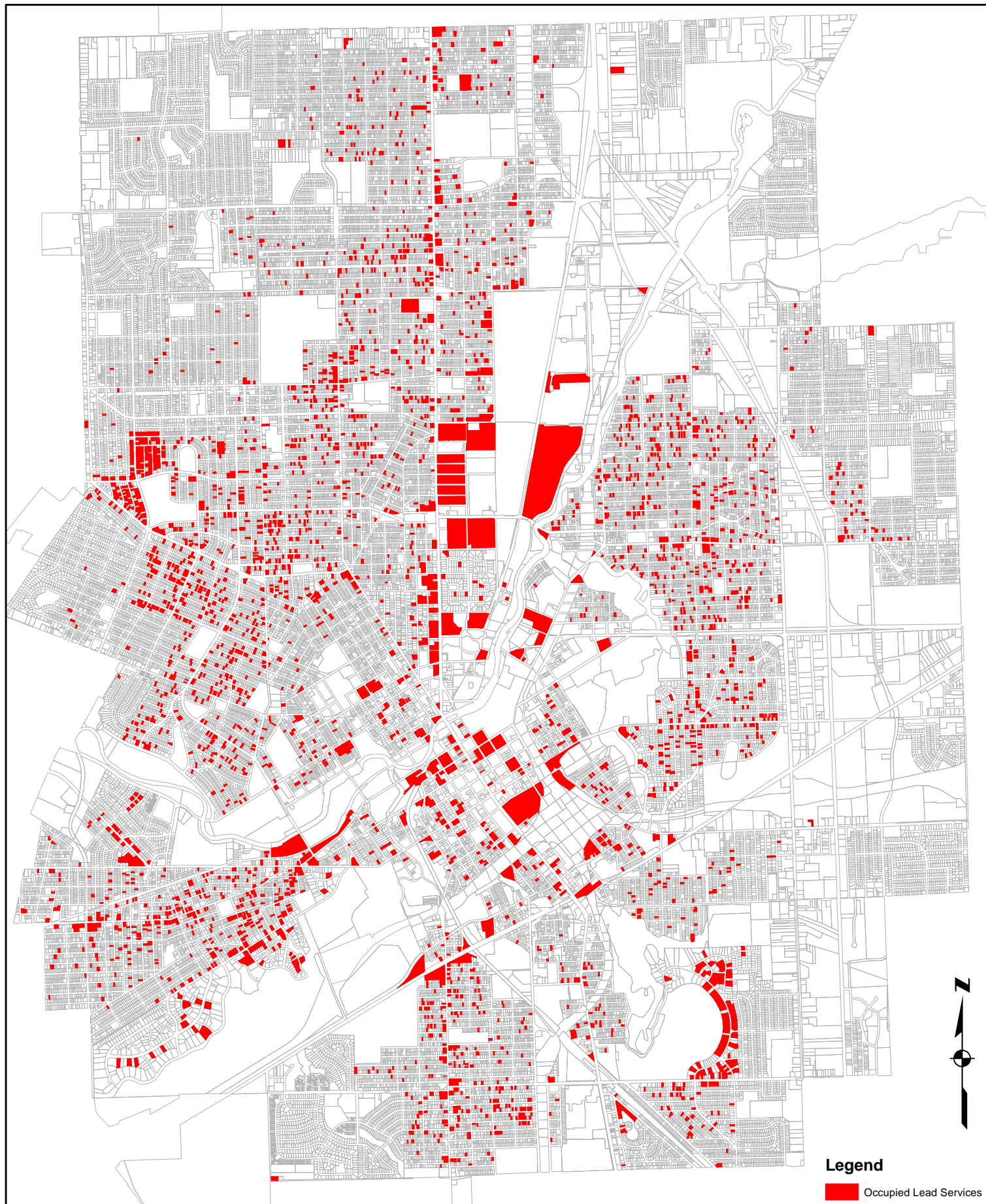
Service Summary and Inventory

In response to the city's water emergency, available records from the city and other sources were collected and entered into a GIS database by MDNR staff. As additional information becomes available, the GIS database continues to be updated.

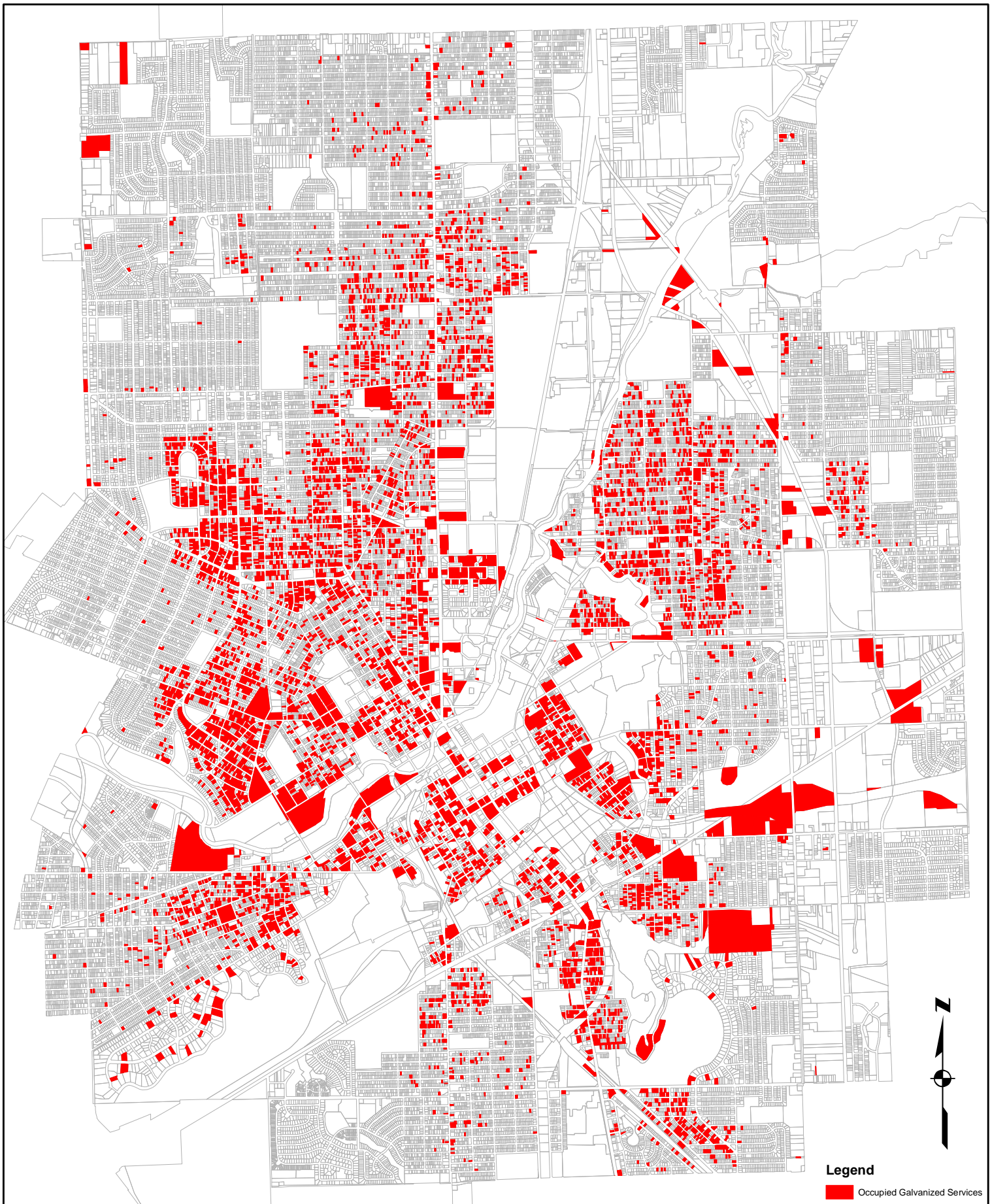
The GIS database shows that there are 43,404 active water services in the city. There are 12,632 vacant parcels in the database. For active services, records show that 53 percent of the services are copper pipe; 8 percent are lead pipe; 18 percent are galvanized pipe; and 21 percent of the material is not identified. Table 1 provides a more detailed summary of the service material based on record information. Figure 2 shows the locations of lead services across the city, based on the records. Figure 3 shows the locations of galvanized services, based on the records. Figure 4 shows the locations where service material is shown as "unknown" in the records. Figure 5 shows the combined locations of lead, galvanized and "unknown" services.

Table 1 – Summary of Services per Records

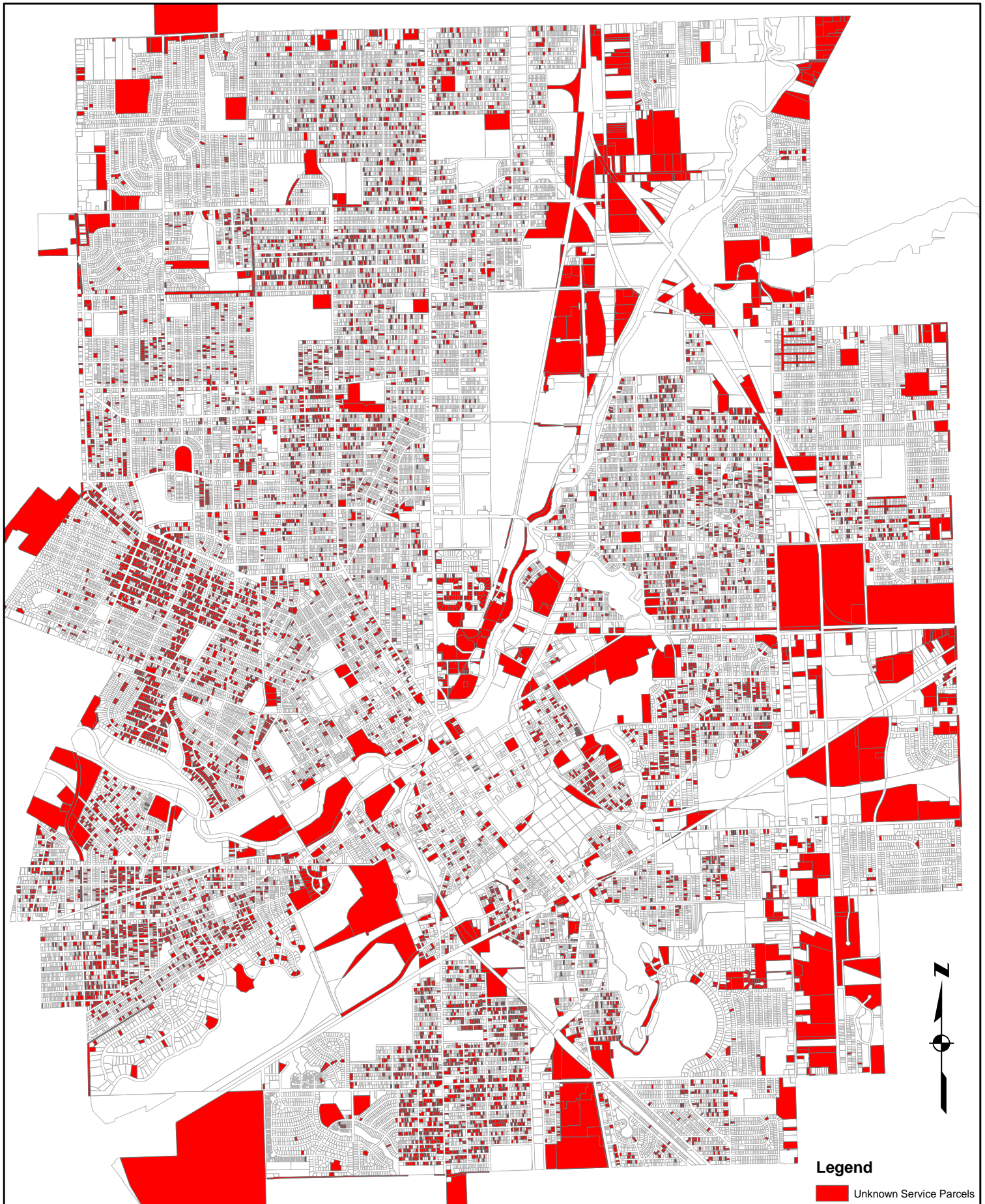
Pipe Material	Total
Non-Lead / Non-Galvanized	
Copper	23,123
Other	5
Plastic	2
Plastic - Copper	2
	23,132
Lead Materials	
Copper - Tubeloy	24
Lead	125
Lead - Copper	3,124
Lead - Galvanized	9
Lead - Tubeloy	37
Lead - Zinc	14
Tubeloy	81
	3,414
Galvanized Materials	
Copper - Galvanized	11
Copper - Zinc	21
Galvanized	7,833
Zinc	24
	7,889
Unknown	8,969
Total	43,404



**Figure 2 - Occupied Parcels with
Lead Services**
(per records provided)



**Figure 3 - Occupied Parcels with
Galvanized Services**
(per records provided)



**Figure 4 - Occupied Parcels with
Unknown Services**
(per records provided)

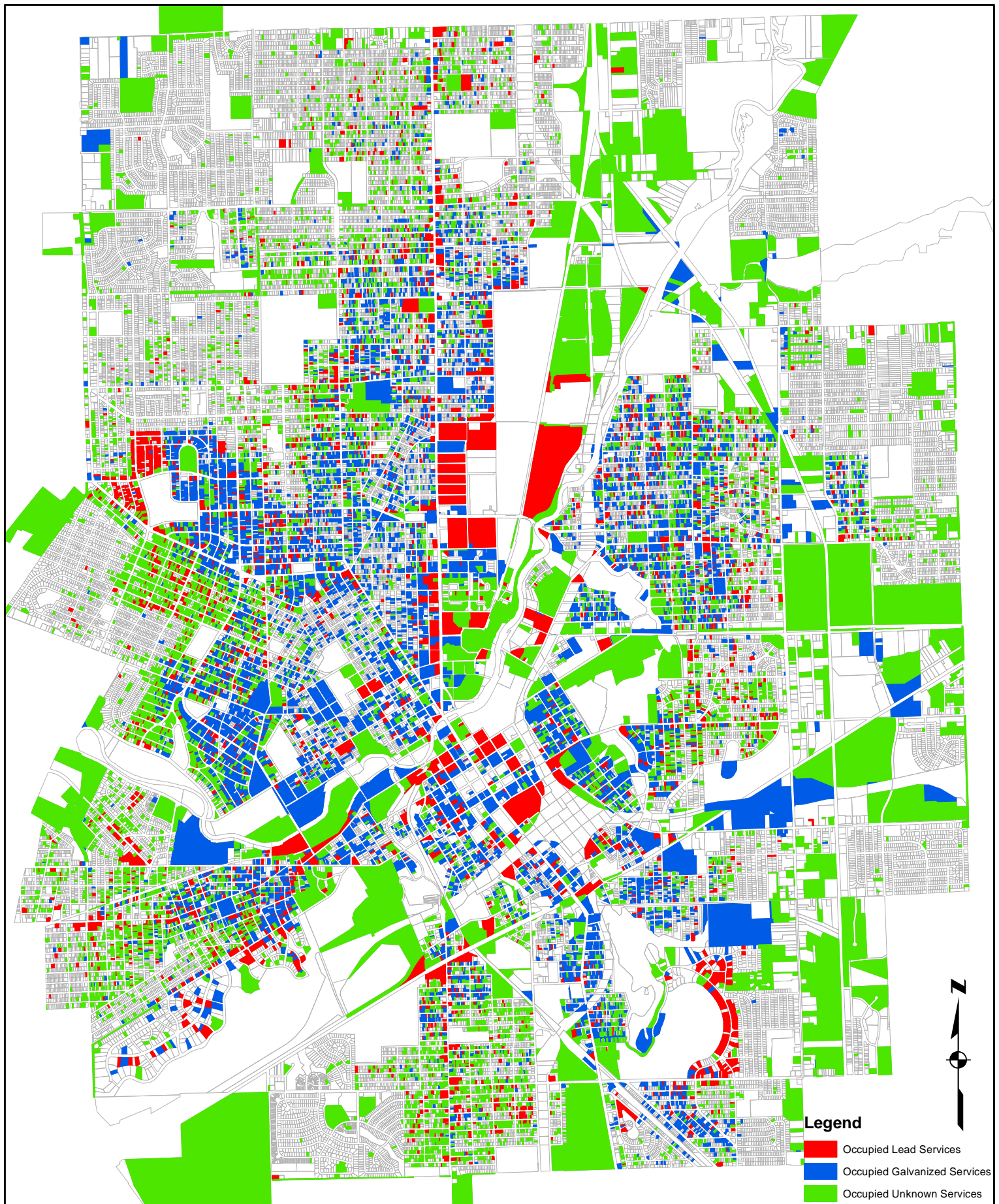


Figure 5 - Occupied Parcels with Lead, Galvanized and Unknown Services
(per records provided)

Appendices A-1 through A-9 provide lists of properties in each ward shown as having lead services in the GIS database of city records.

Although the city's records provide guidance regarding the location and quantity of lead services, the summary cannot be considered complete. Since the records typically provide information on the public portion of the service, information regarding the private portion of the services is not normally included. Site visits have been completed at 1,674 homes and inspection of the pipes entering these homes provides information regarding the private service at a small portion of homes.

For the service replacement pilot, the records were shown to be accurate for only 64 percent of the sites.

Service Replacement Pilot

To gain an understanding of some of the conditions associated with service replacement, the city and MDEQ desired that a pilot program providing for the replacement of 30 services be developed. Initially, lead services were to be replaced; however, during development of the pilot program the scope was modified to include galvanized services too. The pilot program provided for replacement of any lead or galvanized service pipes, whether in the public right-of-way or on private property. Only lead or galvanized piping between the meter and the main were replaced.

As the initial step of the pilot, ROWE developed a draft process for identifying and replacing services. This included developing specifications for the materials, securing owner / resident approval, and identifying required permits. ROWE identified the contractor, Johnson & Wood, as the prime contractor to complete the work since they had an existing contract with the state to assist with the Flint water emergency. The city had made initial contact with the City of Lansing Board of Water and Light regarding their experience in replacing lead services in Lansing. Lansing BWL staff provided training and support to Johnson & Wood crews as the pilot program began.

About fifty potential sites for service replacement were identified initially based on criteria, including records of a lead or galvanized service, water testing results, potential for young or elderly residents, and geographic distribution. Following concurrence on the sites by the city and MDEQ, homeowners / residents were contacted regarding their acceptance to participate in the pilot program. Since replacement work would be occurring on private property, written permission was sought from each owner and/or resident.

As permission was provided for specific sites, the site information was provided to the contractor for scheduling a site inspection visit to confirm conditions, to allow for scheduling the work, for calling MISS DIG, and for obtaining permits. MDEQ staff was notified of the scheduled work so that water sampling could be coordinated prior to and following the replacement work.

On the day of replacement, ROWE staff distributed notices to neighboring residents about the work in the area, along with contact information in the event there were questions or problems. The contractor would begin the replacement work by excavating at the curb stop. Exposing the curb stop allows both the public section and the private section of the service pipe to be exposed so it could be confirmed whether there was either lead or galvanized pipe.

The contractor would replace lead and galvanized pipes with copper pipe. Once installed, the water was turned on and the piping was flushed.

A step-by-step summary of the water service replacement process is included in Appendix A-10.

Properties Included in Pilot Program

The following properties were included in the pilot program. Note that 36 properties are shown, which include three properties that were discovered to have existing copper services and three properties that shared the public portion of their services with a neighboring home. The locations of the properties completed in the pilot are shown on Figure 6.

Table 2 – Properties Included in Service Replacement Pilot

1	2414 Pierce
2	833 E. Wellington
3	1810 Kansas
4	2808 Mallery
5	2305 Joliet
6	2721 Begole
7	617 McClellan
8	2309 Leith
9	214 E. Livingston
10	1379 Washington
11	3513 Clairmont
12	3335 Westwood Parkway
13	733 Clinton
14	2326 Copeman
15	632 Crawford
16	2419 Welch
17	2407 Welch
18	3614 Wesley
19	2332 Copeman
20	1117 South Drive
21	1626 Hughes
22	1713 Arizona
23	2041 Church Street
24	1026 Maxine
25	1297 Kearsley Park Boulevard
26	2513 Thomas
27	426 S. Franklin
28	610 Gracelawn Avenue
29	2508 Altoona
30	1108 Lippincott
31	2401 Welch
32	2413 Welch
33	1383 Washington
34	2406 Pierce
35	314 E. Genesee Street
36	109 E. Austin

Residents at homes included in the pilot included 1 pregnant woman; 1 child under the age of 5; 9 children and 17 seniors. A number of residents indicated that they regularly care for their grandchildren.

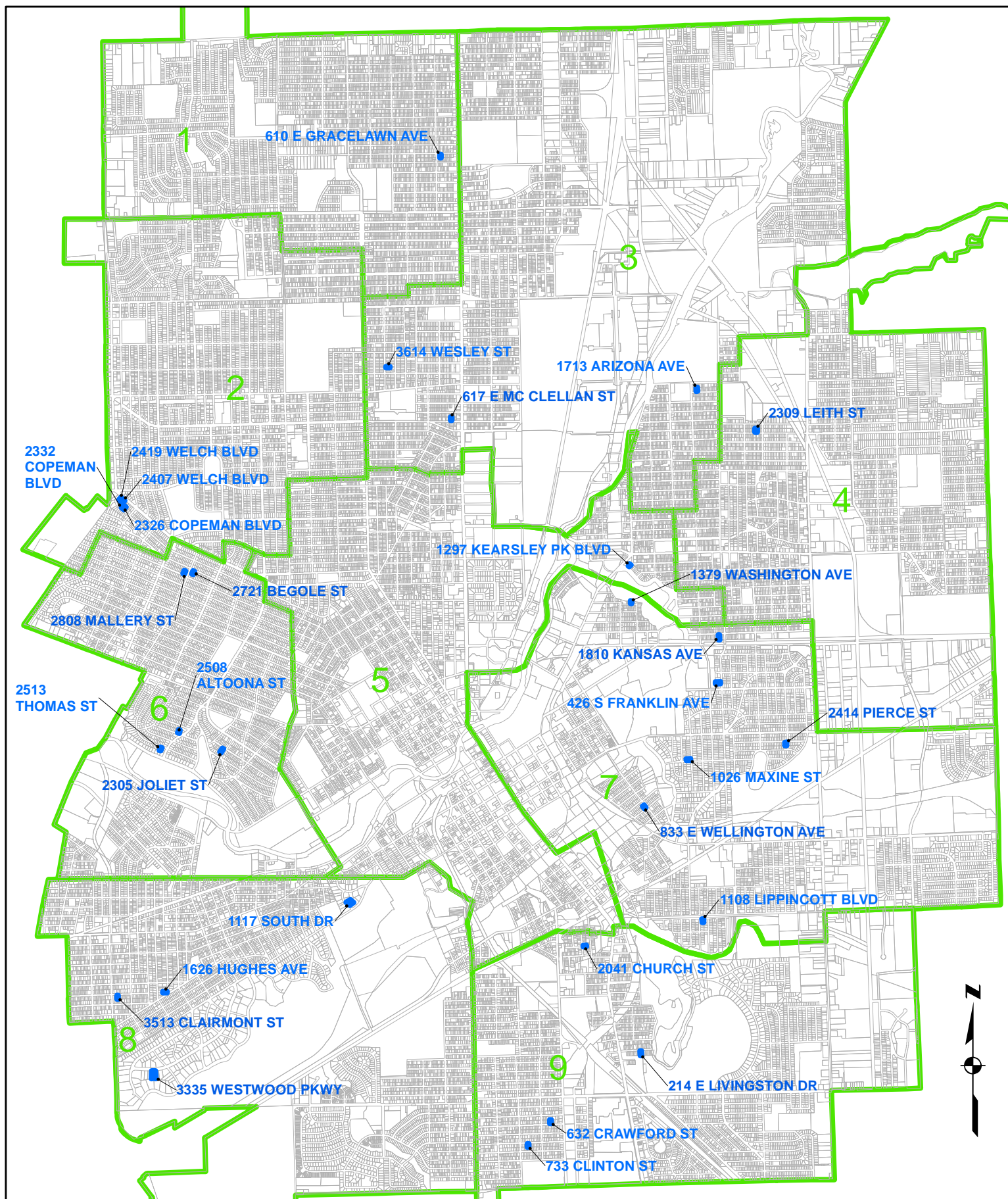


Figure 6 - Residential Service Line Replacement Pilot Program

Conclusions

The pilot demonstrated that the service material pipe demonstrated by the city's records was about 63 percent accurate. Appendix A-11 includes a table showing the pipe materials encountered, as well as the material indicated in the records.

Replacement work was conducted in March and April, and several days were lost to snow and rain, making construction more difficult than expected during other seasons. The contractor's crew gained experience through the pilot period; however, the anticipated production rate is expected to vary depending upon actual conditions at a particular site. Costs have not yet been finalized, but excluding permits, the average cost for replacing a service was \$7,500. The following table summarizes the difficulties and projected production rates based on different conditions encountered.

Table 3 – Water Service Replacement Conditions and Anticipated Production Rate

Anticipated Service Replacement Difficulty	Anticipated Completion Hours (Arrival through Backfill)	Typical Site Characteristics
Easy – 1 crew should be able to do 2 per day	7 ± 2 Hours	<ul style="list-style-type: none"> At least one side of existing service is copper Water main is on near side of street No landscaping/trees Residential/neighborhood street Meter in house is readily accessible Little to no hard surface removal required <40 feet between meter and main One or no conflicting utilities
Medium – 1 crew <i>may</i> be able to do 2 per day	9 ± 3 Hours	<ul style="list-style-type: none"> Replacement of entire service Water main near center of street or closer Minor or no landscaping Collector road or smaller Meter in house has accessibility issues or limited work room Some hard surface removal required <60 feet between meter and main 1" existing service or smaller 2 or fewer conflicting utilities
Hard – Likely only one service, per crew, per day should be attempted	11 ± 4 Hours	<ul style="list-style-type: none"> Replacement of entire service Water main near center of street or further Heavy/complex landscaping or large tree nearby Collector or arterial road (traffic control required) Meter in house requires wall/structure removal or meter needs to be relocated Some hard surface removal required, possibly including private driveway >60 feet between meter and main 1" existing service or larger Deeper excavation required (deep service, elevated house, etc.) 3 or more conflicting utilities Large home (4,000+ SQ, 4+ Baths) or business service

Following are some issues that came up during the pilot program.

- **Permits and Fees** – Permit fees totaled about \$2,400 per site, or about 25 percent of the cost of the typical replacement. The pavement cut fee is the greatest at \$2,200, which includes replacement of the pavement. Perhaps the fee can be reduced if the contractor includes pavement replacement with their work.
- **Permit Inspections** – There were times when the contractor had to wait for the inspector to get to the site and approve the pipe work prior to backfilling. Although only a minor concern with the pilot program, it will be critical for a large scale replacement program that there is sufficient inspection staff to avoid contractor delays.
- **Services on Private Property** – Although not common, there are cases where the existing service does not run directly from the main in front of the building to the building. At the Lippincott site, the existing service ran from a main in an adjacent street across neighboring private property, then into the back of the house. For the pilot, the service was relocated to the front of the house, which required that the city make a new tap to their main and that some plumbing inside the house was reworked. If necessary to install it at the original location, it would be necessary to obtain easements from the neighboring property owner(s).
- **Finished Basements** – Some basements have been finished, either concealing the piping entry into the building or making it more difficult get a new pipe into the basement. These are revealed at the time of the initial site visit so that specific details can be identified in advance of performing the work.
- **Garbage Day** – Work requiring a closure of a street can prevent garbage trucks from being able to pick up trash. Perhaps work requiring closures can be coordinated with the schedule for trash pickup to minimize inconveniences.
- **Water and Sewer Service in the Same Trench** – It appears common that the water service was originally installed just over the sewer service in the same trench excavation. This configuration provides the potential for damaging the sewer service pipe as the water service pipe is removed. As a precaution, a camera was installed down the sewer service pipe at each location before and after the water pipe replacement to confirm that the sewer was not damaged. During the pilot, there was no indication that the service replacement work resulted in damage to the sewer service; however, there was one instance where the sewer had been damaged prior to pilot work.
- **Fixture Repairs** – At several locations, residents made complaints about fixtures being impacted by the replacement work (toilet valves leaking, faucets leaking, water heater sediment, etc.). To address these complaints, plumbers replaced valves, snakes pipes and flushed water heaters. Similar complaints will likely occur as service replacements continue. To minimize the potential for false claims, consideration should be given to conducting and inspection of faucets and toilets for proper operation prior to commencing the replacement work at each site.
- **Shared Services** – In the pilot, three situations were encountered where the public service splits at the right-of-way to two private services. Work on one needs to be coordinated with the second.
- **Large Pipe / Odd Fittings** – One of the sites in the pilot had a 1 ½ inch service pipe, which was connected to the main via three separate 1 inch taps, using a special fitting which was not readily available and had to be special-ordered. These conditions do not seem common, but there will likely be other special situations encountered, particularly in certain neighborhoods where large houses are common.

- Trees – Trees interfered with the service replacement at three of the pilot sites. Even after removal of the tree and stump, excavation for installation of the new service was difficult because of the remaining root mass.
- Contaminated Soil – Soil contaminated with lead is common in the city. Excess soil needs to be properly handled and disposed.
- Dust – During the wet spring weather of the pilot work, dust was not a concern. However, for work performed during dry conditions, dust can become a problem. Dust control will be necessary, especially as a result of the presence of lead in the soil in some areas.
- Warranty – Consideration should be given to requiring the contractor to provide a warranty on materials and workmanship.
- Worker Identification – All workers that will be on private property or entering a private building need to be wearing an identification badge. Entry into homes should be limited to authorized workers with duties to complete inside.

Recommendations

The following recommendations and items should be considered when developing a program for replacement of services on a larger scale basis.

- Define Scope of Service Replacement Program – Confirm whether it is planned that both lead and galvanized pipes are replaced, or just lead pipes. Determine whether both the public and private portions of the services are replaced. Replacement of both lead and galvanized services and replacement of private pipes will greatly increase the total services to be replaced. Additionally, many of the services identified as “unknown” will likely be either lead or galvanized pipe. Determine whether water sampling will be provided along with the replacement work. Develop a general plan for completing service replacements for the city, including the criteria to identify services for replacement and a time frame for completing all replacements.
- Two-Step Approach – Since records do not provide conclusive evidence of the materials of both the public and private portions of services in most cases, a two-step approach for completing the replacement work should be considered. The first step would provide for investigation to confirm the service pipe materials, secure property owner / resident approval, and identify any specific details to be addressed at particular sites. The second step would provide for the construction work to actually replace the services. Using the specific information from the first step regarding whether only the private or public pipe, or both, are to be replaced along with the particular site conditions, contractors can provide bid prices either for particular sites or for specific units of work such as the length of pipe, area of sidewalk replacement, etc. Although the time from the initial site investigation to the actual construction at a particular site will be greater than with the pilot program, completing the work in the two steps should improve efficiency and reduce overall costs and time frame.
- Meter Replacement – The city has been working to replace water meters. As water services are replaced, new meters can be installed. This can save the time by city staff to coordinate and to install new meters at a separate time. By completing the work at the same time as the service replacement, the city’s water customers will not need to be disrupted at another time to provide access for the meter installation.
- Neighborhood Replacement – Continued replacement should occur by defining areas of several blocks to be replaced at a time. The neighborhoods may be distributed geographically across the

city. This approach will enable neighborhood owners / residents to be notified of the planned replacement work collectively in groups, rather than individually as with the pilot program. Construction can be more efficient, since crews can work on adjacent sites concurrently – excavation can be completed on one site while the pipe is installed at another site. This approach should improve the production rate shown in Table 3.

- **Public Communication** – With a larger scale replacement, it will be important and beneficial to provide the public with specific details in advance. By identifying specific neighborhoods or limits, communications with owners/residents can be improved. The following information should be conveyed, at a minimum:
 - Areas where service replacement is planned;
 - Schedule for completing the work;
 - How affected owners / residents will be notified;
 - What information is needed from owners / residents;
 - All replacement workers will have identification badges; and,
 - Who to contact with questions / concerns.
- **Confirm Pipe Material** – Unless there are records confirming that services are copper, it seems that all other services will need to be excavated to confirm the material on both the private and public sections of the service. City records, including both maps and cards, should be reviewed with City of Flint Water Department staff once areas are delineated for services replacement. Some information regarding the piping into the house can be requested from the resident when the initial notice of work is sent to them. Excavation can be conducted at all curb stops where records show “lead”, “galvanized”, or “unknown” to better refine the list of sites where replacement is needed. This initial excavation work can be completed using “soft-dig” technology to minimize disturbance.
- **Multiple Contracts** – Depending on the funding allocated for service replacement, multiple contracts should be awarded so that the work can be completed quickly. However, the number of contracts and potential work crews must be balanced against the city’s ability to provide permitting and inspection.
- **Maintain Records** – As work is completed at homes and businesses, records regarding service material (and meters) should be updated in the GIS database for future reference by city staff. If the ultimate goal is to replace all lead services, good record-keeping will be essential to monitor progress and to document where service pipe materials have been confirmed.
- **Vacant Parcels** – Although replacing lead services at vacant sites is not a priority, there are likely hundreds of lead services connected to the city’s mains that are shut off at the right-of-way, leaving stagnant water in the service pipe where lead can leach into the water. In certain conditions this water could drain back into the distribution main and impact its water quality. As the city’s mains are replaced, the services to vacant parcels can be removed too to guard against this concern. However, when only services are replaced, the need to remove services to vacant parcels should be considered.

Appendices

Appendix A-1:	Parcels with Lead Services in Ward 1
Appendix A-2:	Parcels with Lead Services in Ward 2
Appendix A-3:	Parcels with Lead Services in Ward 3
Appendix A-4:	Parcels with Lead Services in Ward 4
Appendix A-5:	Parcels with Lead Services in Ward 5
Appendix A-6:	Parcels with Lead Services in Ward 6
Appendix A-7:	Parcels with Lead Services in Ward 7
Appendix A-8:	Parcels with Lead Services in Ward 8
Appendix A-9:	Parcels with Lead Services in Ward 9
Appendix A-10	Water Service Replacement Process for Pilot Program
Appendix A-11:	Comparison of Records with Conditions Encountered from Pilot Program

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-1: Parcels with Lead Services - Ward 1		
502	W	GRACELAWN AVE
309	E	MOTT AVE
302	E	BALTIMORE BLVD
114	W	ALMA AVE
209	W	LORADO AVE
302	W	RUSSELL AVE
201	E	YORK AVE
257	E	HOLBROOK AVE
329	E	FOSS AVE
349	E	FOSS AVE
514	E	ALMA AVE
522	E	ALMA AVE
6715	N	SAGINAW ST
517	E	FOSS AVE
601	E	FOSS AVE
230	E	FOSS AVE
334	E	FOSS AVE
321	E	LORADO AVE
237	E	RUTH AVE
249	E	AUSTIN AVE
218	E	RUTH AVE
237	E	AUSTIN AVE
622	E	FOSS AVE
0	E	FOSS AVE
417	E	RUTH AVE
506	E	AUSTIN AVE
6217	N	SAGINAW ST
637	E	RUSSELL AVE
406	E	RUSSELL AVE
426	E	RUSSELL AVE
0	E	RUSSELL AVE
6125	N	SAGINAW ST
202	W	PIPER AVE
128	W	HOME AVE
150	E	HOME AVE
110	E	GRACELAWN AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-1: Parcels with Lead Services - Ward 1		
121		SHERMAN AVE
146		SHERMAN AVE
154		SHERMAN AVE
205	E	HOME AVE
217	E	HOME AVE
229	E	HOME AVE
317	E	HOME AVE
345	E	HOME AVE
238	E	HOME AVE
217	E	GRACELAWN AVE
225	E	GRACELAWN AVE
202	E	GRACELAWN AVE
233		SHERMAN AVE
249		SHERMAN AVE
322	E	GRACELAWN AVE
301		SHERMAN AVE
317		SHERMAN AVE
337		SHERMAN AVE
341		SHERMAN AVE
345		SHERMAN AVE
230		SHERMAN AVE
242		SHERMAN AVE
421	E	PIPER AVE
0	E	HOME AVE
506	E	HOME AVE
501	E	HOBSON AVE
421	E	GRACELAWN AVE
425	E	GRACELAWN AVE
509	E	GRACELAWN AVE
614	E	HOBSON AVE
617		SHERMAN AVE
621		SHERMAN AVE
5717	N	SAGINAW ST
422		SHERMAN AVE
349	E	RIDGEWAY AVE
618	E	MOTT AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-1: Parcels with Lead Services - Ward 1		
629	E	LYNDON AVE
405	E	PARKWAY AVE
517	E	PARKWAY AVE
621	E	PARKWAY AVE
621	E	RIDGEWAY AVE
1801	W	HOBSON AVE
550	W	PULASKI ST
636	W	BALTIMORE BLVD
638	W	BALTIMORE BLVD
334	E	PIERSON RD
305	E	BALTIMORE BLVD
121	E	BISHOP AVE
149	E	BISHOP AVE
153	E	BISHOP AVE
313	E	BISHOP AVE
521	E	PULASKI ST
680	E	PIERSON RD
5009	N	SAGINAW ST
5001	N	SAGINAW ST
602	E	MARENGO AVE
662	E	MARENGO AVE
674	E	MARENGO AVE
367	E	PHILADELPHIA BLVD
501	E	PHILADELPHIA BLVD
609	E	PHILADELPHIA BLVD
368	E	PHILADELPHIA BLVD
622	E	PHILADELPHIA BLVD
634	E	PHILADELPHIA BLVD
650	E	PHILADELPHIA BLVD
521	E	BALTIMORE BLVD
4805	N	SAGINAW ST
352	E	BALTIMORE BLVD
414	E	BALTIMORE BLVD
522	E	BALTIMORE BLVD
610	E	BALTIMORE BLVD
4711	N	SAGINAW ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-1: Parcels with Lead Services - Ward 1		
501	E	BISHOP AVE
505	E	BISHOP AVE
601	E	BISHOP AVE
617	E	BISHOP AVE
649	E	BISHOP AVE
651	E	BISHOP AVE
4601	N	SAGINAW ST
513	E	BISHOP AVE
138	E	BISHOP AVE
142	E	BISHOP AVE
154	E	BISHOP AVE
212	E	BISHOP AVE
306	E	BISHOP AVE
217	E	FLINT PARK BLVD
301	E	FLINT PARK BLVD
327	E	FLINT PARK BLVD
126	E	FLINT PARK BLVD
106	E	FLINT PARK BLVD
202	E	FLINT PARK BLVD
310	E	FLINT PARK BLVD
302	E	FLINT PARK BLVD
157	E	STEWART AVE
406	E	BISHOP AVE
410	E	BISHOP AVE
418	E	BISHOP AVE
506	E	BISHOP AVE
514	E	BISHOP AVE
518	E	BISHOP AVE
413	E	FLINT PARK BLVD
4501	N	SAGINAW ST
418	E	FLINT PARK BLVD
514	E	FLINT PARK BLVD
355	E	ELDRIDGE AVE
626	E	FLINT PARK BLVD
630	E	FLINT PARK BLVD
645	E	ELDRIDGE AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-1: Parcels with Lead Services - Ward 1		
4403	N	SAGINAW ST
430	W	GRACELAWN AVE
418	W	GRACELAWN AVE
146	E	PIPER AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
2622		KELLAR AVE
2200		FOREST HILL AVE
738	W	PASADENA AVE
3001		CLIO RD
2513		WISNER ST
714	W	JACKSON AVE
2302	W	DAYTON ST
2419		WELCH BLVD
2407		WELCH BLVD
2332		COPEMAN BLVD
2326		COPEMAN BLVD
2355		COPEMAN BLVD
2226		WELCH BLVD
2130		WELCH BLVD
2118		WELCH BLVD
2213		WELCH BLVD
2133		WELCH BLVD
3805		PROCTOR AVE
413	W	PASADENA AVE
409	W	PASADENA AVE
405	W	PASADENA AVE
301	W	PASADENA AVE
302	W	DEWEY ST
409	W	DEWEY ST
405	W	DEWEY ST
328	W	JAMIESON ST
3207		MASON ST
0		DUPONT ST
3007		MASON ST
229	W	PASADENA AVE
221	W	PASADENA AVE
125	W	PASADENA AVE
226	W	DEWEY ST
110	W	DEWEY ST
3309		M L KING AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
3317		M L KING AVE
221	W	DEWEY ST
228	W	JAMIESON ST
220	W	JAMIESON ST
216	W	JAMIESON ST
128	W	JAMIESON ST
120	W	JAMIESON ST
116	W	JAMIESON ST
112	W	JAMIESON ST
3213		M L KING AVE
3211		M L KING AVE
3205		M L KING AVE
3112		MASON ST
129	W	JAMIESON ST
200	W	MC CLELLAN ST
116	W	MC CLELLAN ST
3111		M L KING AVE
221	W	MC CLELLAN ST
217	W	MC CLELLAN ST
129	W	MC CLELLAN ST
2718		DUPONT ST
2714		DUPONT ST
418	W	JACKSON AVE
410	W	JACKSON AVE
406	W	JACKSON AVE
324	W	JACKSON AVE
312	W	JACKSON AVE
431	W	JACKSON AVE
421	W	JACKSON AVE
417	W	JACKSON AVE
413	W	JACKSON AVE
409	W	JACKSON AVE
327	W	JACKSON AVE
328	W	RANKIN ST
320	W	RANKIN ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
316	W	RANKIN ST
312	W	RANKIN ST
617	W	RANKIN ST
520	W	BAKER ST
516	W	BAKER ST
2520		DUPONT ST
413	W	RANKIN ST
405	W	RANKIN ST
327	W	RANKIN ST
324	W	BAKER ST
217	W	GENESEE ST
213	W	GENESEE ST
205	W	GENESEE ST
124	W	DARTMOUTH ST
231	W	DARTMOUTH ST
205	W	DARTMOUTH ST
133	W	DARTMOUTH ST
204	W	JACKSON AVE
124	W	JACKSON AVE
120	W	JACKSON AVE
125	W	JACKSON AVE
220	W	TAYLOR ST
112	W	TAYLOR ST
101	W	JACKSON AVE
2707		M L KING AVE
2701		M L KING AVE
127	W	TAYLOR ST
204	W	RANKIN ST
201	W	RANKIN ST
2563		M L KING AVE
2113	W	PASADENA AVE
3021		SENECA ST
2913		KELLAR AVE
2801		BROWNELL BLVD
2807		BROWNELL BLVD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
2808		BROWNELL BLVD
2802		BROWNELL BLVD
1908	W	DARTMOUTH ST
1902	W	DARTMOUTH ST
1826	W	DARTMOUTH ST
1820	W	DARTMOUTH ST
1814	W	DARTMOUTH ST
1808	W	DARTMOUTH ST
1802	W	DARTMOUTH ST
1726	W	DARTMOUTH ST
1720	W	DARTMOUTH ST
1714	W	DARTMOUTH ST
1708	W	DARTMOUTH ST
1702	W	DARTMOUTH ST
2618		SENECA ST
2512		CLIO RD
2737		BROWNELL BLVD
2731		BROWNELL BLVD
2725		BROWNELL BLVD
2719		BROWNELL BLVD
2713		BROWNELL BLVD
2707		BROWNELL BLVD
2701		BROWNELL BLVD
2637		BROWNELL BLVD
2631		BROWNELL BLVD
2619		BROWNELL BLVD
2613		BROWNELL BLVD
2607		BROWNELL BLVD
2527		BROWNELL BLVD
2515		BROWNELL BLVD
2509		BROWNELL BLVD
2738		BROWNELL BLVD
2726		BROWNELL BLVD
1907	W	DARTMOUTH ST
1901	W	DARTMOUTH ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
1825	W	DARTMOUTH ST
1819	W	DARTMOUTH ST
1813	W	DARTMOUTH ST
1725	W	DARTMOUTH ST
1719	W	DARTMOUTH ST
1713	W	DARTMOUTH ST
1707	W	DARTMOUTH ST
1701	W	DARTMOUTH ST
1908	W	JACKSON AVE
1902	W	JACKSON AVE
1826	W	JACKSON AVE
1820	W	JACKSON AVE
1814	W	JACKSON AVE
1802	W	JACKSON AVE
1708	W	JACKSON AVE
1702	W	JACKSON AVE
1409	W	DARTMOUTH ST
1614	W	JACKSON AVE
1510	W	JACKSON AVE
1506	W	JACKSON AVE
2714		BROWNELL BLVD
2708		BROWNELL BLVD
2702		BROWNELL BLVD
2650		BROWNELL BLVD
2644		BROWNELL BLVD
2632		BROWNELL BLVD
2620		BROWNELL BLVD
2614		BROWNELL BLVD
2602		BROWNELL BLVD
2528		BROWNELL BLVD
2516		BROWNELL BLVD
2510		BROWNELL BLVD
2725		WALTER ST
2719		WALTER ST
2713		WALTER ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
2707		WALTER ST
2701		WALTER ST
2631		WALTER ST
2625		WALTER ST
2619		WALTER ST
2613		WALTER ST
2601		WALTER ST
2535		WALTER ST
2529		WALTER ST
1902	W	DAYTON ST
2517		WALTER ST
2726		WALTER ST
2720		WALTER ST
2714		WALTER ST
2702		WALTER ST
2632		WALTER ST
2626		WALTER ST
2620		WALTER ST
2602		WALTER ST
2530		WALTER ST
2719		LANDON ST
2713		LANDON ST
2707		LANDON ST
2631		LANDON ST
2625		LANDON ST
2619		LANDON ST
2613		LANDON ST
2607		LANDON ST
2601		LANDON ST
2529		LANDON ST
2523		LANDON ST
2517		LANDON ST
2511		LANDON ST
1814	W	DAYTON ST
1808	W	DAYTON ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
2501		LANDON ST
2720		LANDON ST
2714		LANDON ST
2708		LANDON ST
2702		LANDON ST
2632		LANDON ST
2626		LANDON ST
2620		LANDON ST
2614		LANDON ST
2608		LANDON ST
2602		LANDON ST
2528		LANDON ST
2522		LANDON ST
2516		LANDON ST
2510		LANDON ST
2715		TRUMBULL AVE
2709		TRUMBULL AVE
2701		TRUMBULL AVE
2621		TRUMBULL AVE
2615		TRUMBULL AVE
2609		TRUMBULL AVE
2601		TRUMBULL AVE
2527		TRUMBULL AVE
2521		TRUMBULL AVE
2515		TRUMBULL AVE
2509		TRUMBULL AVE
2620		TRUMBULL AVE
2720		TRUMBULL AVE
2526		TRUMBULL AVE
1605	W	RANKIN ST
1513	W	RANKIN ST
1509	W	RANKIN ST
2501		HUMBOLDT AVE
811	W	DEWEY ST
747	W	MC CLELLAN ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
717	W	MC CLELLAN ST
1513	W	JACKSON AVE
1309	W	DARTMOUTH ST
2654		FOREST HILL AVE
1222	W	RANKIN ST
2664		EASTLAWN DR
2738		LAWNDALE AVE
2649		PROCTOR AVE
2625		PROCTOR AVE
2621		PROCTOR AVE
1216	W	DAYTON ST
0	W	DAYTON ST
2513		PROCTOR AVE
2642		PROCTOR AVE
2634		PROCTOR AVE
2614		PROCTOR AVE
1010	W	RANKIN ST
2630		PROCTOR AVE
2638		PROCTOR AVE
806	W	DARTMOUTH ST
806	W	JACKSON AVE
2726	N	CHEVROLET AVE
2726		MT ELLIOTT AVE
2505	N	CHEVROLET AVE
2514	N	CHEVROLET AVE
2513		MT ELLIOTT AVE
2517		DUPONT ST
2513		DUPONT ST
2314	W	DAYTON ST
2308	W	DAYTON ST
2214	W	DAYTON ST
2207	W	DAYTON ST
2232		WELCH BLVD
2425		KELLAR AVE
2402		KELLAR AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2	
2331	WINONA ST
2301	WINONA ST
2223	WINONA ST
2231	WELCH BLVD
2014	W DAYTON ST
2008	W DAYTON ST
2501	BROWNELL BLVD
2408	WINONA ST
2224	WINONA ST
2218	WINONA ST
2212	WINONA ST
2014	WELCH BLVD
2002	WELCH BLVD
2407	BROWNELL BLVD
2319	BROWNELL BLVD
2301	BROWNELL BLVD
2225	BROWNELL BLVD
2219	BROWNELL BLVD
2123	BROWNELL BLVD
2117	BROWNELL BLVD
1902	WELCH BLVD
2211	BROWNELL BLVD
1800	WELCH BLVD
1607	GREENWAY AVE
1601	GREENWAY AVE
1710	WELCH BLVD
2031	COPEMAN BLVD
1927	COPEMAN BLVD
2422	BASSETT PL
2414	BASSETT PL
2330	BASSETT PL
2318	BASSETT PL
2314	BASSETT PL
2437	HUMBOLDT AVE
2425	HUMBOLDT AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
2318		DELMAR AVE
1301	W	DAYTON ST
1333	W	DAYTON ST
1325	W	DAYTON ST
1202	W	HAMILTON AVE
2409		PROCTOR AVE
2405		PROCTOR AVE
2317		PROCTOR AVE
2233		PROCTOR AVE
2314		PROCTOR AVE
2302		PROCTOR AVE
2228		MILBOURNE AVE
2301	N	CHEVROLET AVE
920	W	HAMILTON AVE
2314	N	CHEVROLET AVE
2306	N	CHEVROLET AVE
2234	N	CHEVROLET AVE
2230	N	CHEVROLET AVE
2226	N	CHEVROLET AVE
2224	N	CHEVROLET AVE
2214	N	CHEVROLET AVE
2313		DUPONT ST
1311		GREENWAY AVE
1514	W	PATERSON ST
1510	W	PATERSON ST
1502	W	PATERSON ST
1414	W	PATERSON ST
1201	W	HAMILTON AVE
2155		LAWNDALE AVE
2151		LAWNDALE AVE
2121		LAWNDALE AVE
1206	W	PATERSON ST
2160		LAWNDALE AVE
2126		LAWNDALE AVE
1923		LLOYD ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
1402		WELCH BLVD
1912		LLOYD ST
1324		WELCH BLVD
2009		FOREST HILL AVE
1901		FOREST HILL AVE
1001	W	HAMILTON AVE
919	W	HAMILTON AVE
913	W	HAMILTON AVE
901	W	HAMILTON AVE
2017	N	CHEVROLET AVE
805	W	HAMILTON AVE
2102	N	CHEVROLET AVE
2018	N	CHEVROLET AVE
2117		MT ELLIOTT AVE
1919		MT ELLIOTT AVE
2117		DUPONT ST
2105		DUPONT ST
2101		DUPONT ST
2009		DUPONT ST
718	W	PATERSON ST
5002		FLEMING RD
1009	W	PIERSON RD
5016		EDWARDS AVE
5019		DUPONT ST
4910		GLENN AVE
4812		BALDWIN BLVD
4816		EDWARDS AVE
4613		BALDWIN BLVD
4606		EDWARDS AVE
4602		EDWARDS AVE
3605		KELLAR AVE
3702		LE ERDA AVE
3718		TRUMBULL AVE
3905		FLEMING RD
3513		LE ERDA AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
4118		PROCTOR AVE
3602		BURGESS ST
3902		DONNELLY ST
3614		PROCTOR AVE
726	W	PASADENA AVE
641	W	BALTIMORE BLVD
537	W	BALTIMORE BLVD
329	W	BALTIMORE BLVD
428	W	THACKERY AVE
634	W	FLINT PARK BLVD
619	W	FLINT PARK BLVD
517	W	ELDRIDGE AVE
126	W	BISHOP AVE
418	W	FLINT PARK BLVD
406	W	FLINT PARK BLVD
402	W	FLINT PARK BLVD
202	W	FLINT PARK BLVD
322	W	ELDRIDGE AVE
409	W	STEWART AVE
3709		MASON ST
3705		MASON ST
3525		MASON ST
3517		MASON ST
3602		MASON ST
3610		CASSIUS ST
3625		M L KING AVE
310	W	PASADENA AVE
3509		CASSIUS ST
3505		CASSIUS ST
3501		CASSIUS ST
3409		CASSIUS ST
3404		ROBIN ST
214	W	PASADENA AVE
113	W	GILLESPIE AVE
3502		CASSIUS ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
3401		M L KING AVE
2708		TRUMBULL AVE
2114	W	DAYTON ST
2108	W	DAYTON ST
2102	W	DAYTON ST
2410		SENECA ST
2431		KELLAR AVE
2407		KELLAR AVE
2401		KELLAR AVE
2327		KELLAR AVE
2426		KELLAR AVE
2414		KELLAR AVE
2334		KELLAR AVE
2328		KELLAR AVE
2322		KELLAR AVE
2310		KELLAR AVE
2425		WINONA ST
2413		WINONA ST
2409		WINONA ST
2401		WINONA ST
2325		WINONA ST
2313		WINONA ST
2307		WINONA ST
2015	W	DAYTON ST
2320		WINONA ST
2302		WINONA ST
2242		WINONA ST
2236		WINONA ST
2401		BROWNELL BLVD
2331		BROWNELL BLVD
2325		BROWNELL BLVD
425	W	PASADENA AVE
2643		BROWNELL BLVD
2625		BROWNELL BLVD
2638		BROWNELL BLVD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-2: Parcels with Lead Services - Ward 2		
2626		BROWNELL BLVD
2608		BROWNELL BLVD
2708		WALTER ST
2702		TRUMBULL AVE
2614		TRUMBULL AVE
2208	W	DAYTON ST
2213	W	DAYTON ST
2422		SENECA ST
2416		SENECA ST
2420		WINONA ST
817	W	STEWART AVE
801	W	STEWART AVE
3517		LE ERDA AVE
3622		LE ERDA AVE
4105		RACE ST
3418		KEYES ST
3414		KEYES ST
732	W	PASADENA AVE
708	W	PASADENA AVE
3502		ROBIN ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
505	E	JAMIESON ST
305	E	RANKIN ST
313	E	RANKIN ST
314	E	GENESEE ST
206	E	JACKSON AVE
5410	N	SAGINAW ST
4621		ANDREW ST
3318		M L KING AVE
3306		M L KING AVE
3122		M L KING AVE
133	E	MC CLELLAN ST
3114		M L KING AVE
132	E	MC CLELLAN ST
136	E	MC CLELLAN ST
202	E	MC CLELLAN ST
210	E	MC CLELLAN ST
226	E	MC CLELLAN ST
234	E	MC CLELLAN ST
3318		BUICK ST
3311		MILDRED ST
517	E	DEWEY ST
502	E	DEWEY ST
522	E	DEWEY ST
526	E	DEWEY ST
538	E	DEWEY ST
545	E	JAMIESON ST
3207	N	SAGINAW ST
609	E	JAMIESON ST
525	E	MC CLELLAN ST
3113	N	SAGINAW ST
3107	N	SAGINAW ST
618	E	MC CLELLAN ST
626	E	MC CLELLAN ST
609		LEITH ST
611		LEITH ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
626		LEITH ST
531	E	GENESEE ST
2927	N	SAGINAW ST
301	E	DARTMOUTH ST
2818		M L KING AVE
134	E	DARTMOUTH ST
313	E	JACKSON AVE
124	E	JACKSON AVE
218	E	JACKSON AVE
226	E	JACKSON AVE
230	E	JACKSON AVE
238	E	JACKSON AVE
205	E	TAYLOR ST
209	E	TAYLOR ST
229	E	TAYLOR ST
136	E	TAYLOR ST
206	E	TAYLOR ST
224	E	TAYLOR ST
225	E	RANKIN ST
302	E	JACKSON AVE
519	E	DARTMOUTH ST
2805	N	SAGINAW ST
2727		AVENUE A
402	E	TAYLOR ST
410	E	TAYLOR ST
414	E	TAYLOR ST
2613		AVENUE A
616	E	TAYLOR ST
605	E	RANKIN ST
1530		UTAH AVE
1534		UTAH AVE
1523		ARIZONA AVE
1514		WYOMING AVE
1534		WYOMING AVE
1506		COLORADO AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3	
1510	COLORADO AVE
1516	COLORADO AVE
1518	COLORADO AVE
1526	COLORADO AVE
1525	MONTANA AVE
1522	MONTANA AVE
1526	MONTANA AVE
1534	MONTANA AVE
1538	MONTANA AVE
1542	MONTANA AVE
1517	LEITH ST
1521	LEITH ST
1545	LEITH ST
1802	UTAH AVE
1713	ARIZONA AVE
1725	ARIZONA AVE
1821	ARIZONA AVE
1822	UTAH AVE
1630	WYOMING AVE
1611	COLORADO AVE
1619	COLORADO AVE
1626	WYOMING AVE
1722	WYOMING AVE
1816	WYOMING AVE
1717	COLORADO AVE
1805	MONTANA AVE
1802	COLORADO AVE
1652	MONTANA AVE
1613	LEITH ST
1628	MONTANA AVE
1718	MONTANA AVE
3119	N FRANKLIN AVE
1733	LEITH ST
1737	LEITH ST
1434	LEITH ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3	
1433	OKLAHOMA AVE
1510	LEITH ST
1518	LEITH ST
1546	LEITH ST
1517	OKLAHOMA AVE
1422	OKLAHOMA AVE
1437	DAKOTA AVE
1449	DAKOTA AVE
1514	OKLAHOMA AVE
1525	DAKOTA AVE
1448	DAKOTA AVE
1506	DAKOTA AVE
1537	MARYLAND AVE
1545	MARYLAND AVE
1405	DELAWARE AVE
1433	DELAWARE AVE
1537	DELAWARE AVE
1602	LEITH ST
1650	LEITH ST
1629	OKLAHOMA AVE
1633	OKLAHOMA AVE
1639	OKLAHOMA AVE
1706	LEITH ST
1734	LEITH ST
1738	LEITH ST
1737	OKLAHOMA AVE
1805	OKLAHOMA AVE
1817	OKLAHOMA AVE
1715	OKLAHOMA AVE
0	N FRANKLIN AVE
1615	DAKOTA AVE
1619	DAKOTA AVE
1627	DAKOTA AVE
1714	OKLAHOMA AVE
1718	OKLAHOMA AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3	
1806	OKLAHOMA AVE
1814	OKLAHOMA AVE
1822	OKLAHOMA AVE
1621	MARYLAND AVE
1637	MARYLAND AVE
1641	MARYLAND AVE
1647	MARYLAND AVE
1634	DAKOTA AVE
1714	DAKOTA AVE
1729	MARYLAND AVE
1805	MARYLAND AVE
1620	MARYLAND AVE
1628	MARYLAND AVE
1636	MARYLAND AVE
1609	DELAWARE AVE
1641	DELAWARE AVE
1446	DELAWARE AVE
1433	NEW YORK AVE
1514	DELAWARE AVE
1410	NEW YORK AVE
1414	NEW YORK AVE
1416	NEW YORK AVE
1438	NEW YORK AVE
1405	BELLE AVE
1441	BELLE AVE
1445	BELLE AVE
0	NEW YORK AVE
1518	NEW YORK AVE
1530	NEW YORK AVE
1538	NEW YORK AVE
1505	BELLE AVE
1513	BELLE AVE
1537	BELLE AVE
1526	BELLE AVE
1418	JANE AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
1426		JANE AVE
1549		MABEL AVE
1553		MABEL AVE
1634		DELAWARE AVE
1637		NEW YORK AVE
1610		NEW YORK AVE
1614		NEW YORK AVE
1622		NEW YORK AVE
1649		BELLE AVE
1602		BELLE AVE
1634		BELLE AVE
1605		MABEL AVE
1609		MABEL AVE
728	E	DEWEY ST
772	E	DEWEY ST
3200	N	SAGINAW ST
759	E	MC CLELLAN ST
763	E	MC CLELLAN ST
755	E	MC CLELLAN ST
743		LEITH ST
771		LEITH ST
763		LEITH ST
838		SPENCER ST
910		SPENCER ST
913	E	JAMIESON ST
3111		INDUSTRIAL AVE
0		LEITH ST
0		LEITH ST
2918	N	SAGINAW ST
2900	N	SAGINAW ST
902		LEITH ST
0		NORTH ST
3401		MICHIGAN AVE
0		MICHIGAN AVE
2851		JAMES P COLE BLVD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
902	E	HAMILTON AVE
126	E	STEWART AVE
214	E	STEWART AVE
502	E	ELDRIDGE AVE
614	E	ELDRIDGE AVE
617	E	STEWART AVE
625	E	STEWART AVE
637	E	STEWART AVE
4323	N	SAGINAW ST
4301	N	SAGINAW ST
646	E	ELDRIDGE AVE
646	E	STEWART AVE
3618		M L KING AVE
3605		ESTHER ST
3601		ESTHER ST
3102		M L KING AVE
3402		M L KING AVE
111	E	MOORE ST
151	E	MOORE ST
155	E	MOORE ST
159	E	MOORE ST
163	E	MOORE ST
112	E	MOORE ST
148	E	MOORE ST
123		DAMON ST
302		EDWIN AVE
318		EDWIN AVE
4002		M L KING AVE
124		DAMON ST
131	E	MYRTLE AVE
140	E	MYRTLE AVE
301		EDMUND ST
401	E	MOORE ST
0	E	MOORE ST
614		DAMON ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
4001	N	SAGINAW ST
631	E	MYRTLE AVE
517		EDMUND ST
606	E	MYRTLE AVE
618	E	MYRTLE AVE
201	E	VAN WAGONER AVE
313	E	VAN WAGONER AVE
156	E	VAN WAGONER AVE
164	E	VAN WAGONER AVE
168	E	VAN WAGONER AVE
172	E	VAN WAGONER AVE
3710		ESTHER ST
3706		ESTHER ST
3702		ESTHER ST
3618		ESTHER ST
3614		ESTHER ST
3606		ESTHER ST
3602		ESTHER ST
3609		WESLEY ST
3714		WESLEY ST
210	E	VAN WAGONER AVE
3713		MARVIN ST
151	E	PASADENA AVE
167	E	PASADENA AVE
3510		WESLEY ST
205	E	PASADENA AVE
209	E	PASADENA AVE
213	E	PASADENA AVE
219	E	PASADENA AVE
3532		ALEXANDER ST
3516		ALEXANDER ST
3509		MARVIN ST
3520		MARVIN ST
3521		BUICK ST
3515		BUICK ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
421	E	VAN WAGONER AVE
606		EDMUND ST
3802		FOSTER ST
605	E	VAN WAGONER AVE
621	E	VAN WAGONER AVE
633	E	VAN WAGONER AVE
401		CARTON ST
628	E	VAN WAGONER AVE
607		CARTON ST
3701	N	SAGINAW ST
420		CARTON ST
513	E	GILLESPIE AVE
517	E	GILLESPIE AVE
621	E	GILLESPIE AVE
626		CARTON ST
3510		BUICK ST
3525		FOSTER ST
6512	N	DORT HWY
7022	N	SAGINAW ST
765	E	BUNDY AVE
6906	N	SAGINAW ST
757	E	YORK AVE
761	E	YORK AVE
721	E	ALMA AVE
718	E	YORK AVE
722	E	ALMA AVE
6620	N	SAGINAW ST
0	N	SAGINAW ST
6602	N	SAGINAW ST
1061	E	BUNDY AVE
1037	E	YORK AVE
1009	E	HOLBROOK AVE
1017	E	HOLBROOK AVE
6518	N	SAGINAW ST
6510	N	SAGINAW ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
725	E	LORADO AVE
6418	N	SAGINAW ST
6402	N	SAGINAW ST
727	E	RUTH AVE
731	E	RUTH AVE
739	E	AUSTIN AVE
922	E	FOSS AVE
1061	E	LORADO AVE
917	E	RUTH AVE
929	E	RUTH AVE
0	E	RUTH AVE
1006	E	LORADO AVE
1058	E	RUTH AVE
918	E	AUSTIN AVE
1167	E	AUSTIN AVE
5610	N	SAGINAW ST
0	N	SAGINAW ST
5414	N	SAGINAW ST
754	E	LYNDON AVE
5306	N	SAGINAW ST
766	E	PARKWAY AVE
5302	N	SAGINAW ST
5322	N	SAGINAW ST
771	E	PIERSON RD
709	E	PIERSON RD
817	E	PIERSON RD
821	E	PIERSON RD
1073	E	PIERSON RD
1051		OSCEOLA AVE
5555		HORTON AVE
728	E	PIERSON RD
5014	N	SAGINAW ST
5010	N	SAGINAW ST
4804	N	SAGINAW ST
768	E	BALTIMORE BLVD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
765		WAGER AVE
716	E	BALTIMORE BLVD
4702	N	SAGINAW ST
0	E	PIERSON RD
806		LOMITA AVE
906		LOMITA AVE
809	E	PHILADELPHIA BLV
1067	E	PHILADELPHIA BLV
826	E	PHILADELPHIA BLV
1050	E	PHILADELPHIA BLV
804	E	BALTIMORE BLVD
929		WAGER AVE
931		WAGER AVE
1066	E	BALTIMORE BLVD
1070	E	BALTIMORE BLVD
4708		INDUSTRIAL AVE
4514	N	SAGINAW ST
4522	N	SAGINAW ST
729		BLACK AVE
4610		CRISSMAN ST
4316	N	SAGINAW ST
718		BLACK AVE
4417		BILLINGS ST
4414		BILLINGS ST
742		BLACK AVE
4522		NORTH ST
909		BLACK AVE
915		BLACK AVE
4502		INDUSTRIAL AVE
4405		CARLTON ST
906		BLACK AVE
910		BLACK AVE
0		INDUSTRIAL AVE
1009	E	STEWART AVE
1055	E	STEWART AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
0	E	STEWART AVE
1126		LOMITA AVE
1136		LOMITA AVE
1218		LOMITA AVE
1134	E	MARENGO AVE
4506		GRANT ST
4502		GRANT ST
4525		SELBY ST
1083	E	STEWART AVE
0		SELBY ST
4108	N	SAGINAW ST
740	E	STEWART AVE
762	E	STEWART AVE
746		DAMON ST
713		EDMUND ST
760		EDMUND ST
3909		NORTH ST
906	E	STEWART AVE
914	E	STEWART AVE
918	E	STEWART AVE
819	E	MOORE ST
825	E	MOORE ST
919	E	MOORE ST
4038		NORTH ST
902	E	MOORE ST
817		DAMON ST
4021		INDUSTRIAL AVE
4005		INDUSTRIAL AVE
820	E	MYRTLE AVE
930	E	MYRTLE AVE
801		TILDEN ST
829		TILDEN ST
3919		INDUSTRIAL AVE
710		TILDEN ST
718		TILDEN ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3		
718		ADDISON ST
742		ADDISON ST
727	E	PASADENA AVE
735	E	PASADENA AVE
3510	N	SAGINAW ST
3813		INDUSTRIAL AVE
825		CARTON ST
909		CARTON ST
913		CARTON ST
802		CARTON ST
830		CARTON ST
836		CARTON ST
926		CARTON ST
902	E	GILLESPIE AVE
910	E	GILLESPIE AVE
838	E	PASADENA AVE
3420		ST JOHN ST
4140	N	DORT HWY
2022		COLON ST
2013		KNAPMAN ST
5420	N	SAGINAW ST
124	E	MC CLELLAN ST
214	E	MC CLELLAN ST
222	E	MC CLELLAN ST
201	E	GENESEE ST
509	E	JAMIESON ST
513	E	JAMIESON ST
301	E	RANKIN ST
325	E	RANKIN ST
329	E	RANKIN ST
333	E	RANKIN ST
938	E	YORK AVE
0	E	ALMA AVE
1202	E	HOLBROOK AVE
4521		GRANT ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-3: Parcels with Lead Services - Ward 3	
4505	GRANT ST
1130	LOMITA AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-4: Parcels with Lead Services - Ward 4		
2408		MISSOURI AVE
2412		MISSOURI AVE
2972		RICHFIELD RD
2959		MEISNER ST
2525		TORRANCE ST
2606		BENNETT AVE
2705		DAVISON RD
2301		MISSOURI AVE
2305		MISSOURI AVE
2309		MISSOURI AVE
2920		CARR ST
2909		OKLAHOMA AVE
3011		OKLAHOMA AVE
2920		DOUGLAS AVE
3131		BEECHWOOD AVE
3135		BEECHWOOD AVE
3136		DELAWARE AVE
3132		BEECHWOOD AVE
3148		BEECHWOOD AVE
3115		RISEDORPH AVE
3132		RISEDORPH AVE
3225		WOODROW AVE
3116		WOODROW AVE
3120		WOODROW AVE
3208		WOODROW AVE
3142		WHITTIER ST
2212		BRANCH RD
3201		BENNETT AVE
3228		WHITTIER ST
3216		BENNETT AVE
3201		HOLLY AVE
3229		HOLLY AVE
3120		HOLLY AVE
3124		HOLLY AVE
2061	N	AVERILL AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-4: Parcels with Lead Services - Ward 4		
3120		DALE AVE
3119		CHURCHILL AVE
3235		CHURCHILL AVE
1911		CURRY ST
3116		CHURCHILL AVE
3101		DAVISON RD
3202		CHURCHILL AVE
2012	N	AVERILL AVE
3405		CHURCHILL AVE
3315		CHURCHILL AVE
3303		DAVISON RD
3401		DAVISON RD
3413		DAVISON RD
3421		DAVISON RD
3513		DAVISON RD
3517		DAVISON RD
3609		DAVISON RD
1722		MARYLAND AVE
1804		MARYLAND AVE
2209		THOM ST
2435		THOM ST
3010	N	FRANKLIN AVE
3006	N	FRANKLIN AVE
2005		LEITH ST
2017		LEITH ST
2301		LEITH ST
1912		LEITH ST
1918		LEITH ST
1911		OKLAHOMA AVE
2017		OKLAHOMA AVE
2109		OKLAHOMA AVE
2926	N	FRANKLIN AVE
1900		LEITH ST
2202		LEITH ST
2206		LEITH ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-4: Parcels with Lead Services - Ward 4		
2213		OKLAHOMA AVE
2105		DAKOTA AVE
2918	N	FRANKLIN AVE
2202		OKLAHOMA AVE
2222		OKLAHOMA AVE
2117		MARYLAND AVE
2802	N	VERNON AVE
2712	N	FRANKLIN AVE
2018		MARYLAND AVE
2118		MARYLAND AVE
2402		THOM ST
2510		THOM ST
2407		LEITH ST
2415		LEITH ST
2419		LEITH ST
2501		LEITH ST
2426		LEITH ST
2514		OKLAHOMA AVE
2509		DAKOTA AVE
2901	N	DORT HWY
2434		DAKOTA AVE
2510		DAKOTA AVE
2513		MARYLAND AVE
2702		DAKOTA AVE
2619		MARYLAND AVE
2514		MARYLAND AVE
2610		MARYLAND AVE
1700		DELAWARE AVE
2617	N	FRANKLIN AVE
2608		MINNESOTA AVE
1602		MABEL AVE
1621		BENNETT AVE
1625		BENNETT AVE
1637		BENNETT AVE
1722		BENNETT AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-4: Parcels with Lead Services - Ward 4		
1717		BROADWAY BLVD
1805		BROADWAY BLVD
1653		DAVISON RD
1737		DAVISON RD
0		DAVISON RD
1911	N	FRANKLIN AVE
2021		DELAWARE AVE
2221		DELAWARE AVE
2309		MAPLEWOOD AVE
2406	N	FRANKLIN AVE
2210	N	FRANKLIN AVE
2318	N	FRANKLIN AVE
2414		MAPLEWOOD AVE
2410		MAPLEWOOD AVE
2310		ARLINGTON AVE
2206		ARLINGTON AVE
2202		ARLINGTON AVE
2409	N	VERNON AVE
2305	N	VERNON AVE
2221	N	VERNON AVE
2417	N	VERNON AVE
2408	N	VERNON AVE
2429		BURNS ST
2413		BURNS ST
2411		BURNS ST
2416		BURNS ST
2216	N	VERNON AVE
2321		BURNS ST
2501		DELAWARE AVE
2502		LEVERN ST
2513		WOODROW AVE
2526		HOFF ST
2413		TORRANCE ST
2502		TORRANCE ST
2705		WOODROW AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-4: Parcels with Lead Services - Ward 4		
2713		WOODROW AVE
2308		WOODROW AVE
2316		WOODROW AVE
2313		LEVERN ST
2304		WOODROW AVE
2021		MAPLEWOOD AVE
2017		MAPLEWOOD AVE
2106		ARLINGTON AVE
1909		DAVISON RD
1918		MAPLEWOOD AVE
2017		DAVISON RD
2005		DAVISON RD
2107		DAVISON RD
2111		DAVISON RD
2000	N	VERNON AVE
1932	N	VERNON AVE
2004		BURNS ST
1926		BURNS ST
2301		DAVISON RD
2313		BENNETT AVE
2514		WOODROW AVE
2210		LEVERN ST
2618		WOODROW AVE
2105		LEVERN ST
2037		TORRANCE ST
2613		CHURCHILL AVE
2109	N	DORT HWY
1923		LEVERN ST
2401		DAVISON RD
2518		CHURCHILL AVE
2530		CHURCHILL AVE
2625		DAVISON RD
1638		DAVISON RD
1646		DAVISON RD
1645		INDIANA AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-4: Parcels with Lead Services - Ward 4		
1725		INDIANA AVE
1720		DAVISON RD
1626		INDIANA AVE
1646		INDIANA AVE
1629		ILLINOIS AVE
1633		ILLINOIS AVE
1641		ILLINOIS AVE
1649		ILLINOIS AVE
1706		INDIANA AVE
1717		ILLINOIS AVE
1729		ILLINOIS AVE
1701		WISCONSIN AVE
1709		WISCONSIN AVE
1608		WISCONSIN AVE
1616		WISCONSIN AVE
1620		WISCONSIN AVE
1625		OHIO AVE
1645		OHIO AVE
1705		OHIO AVE
1737		OHIO AVE
1806		ILLINOIS AVE
1517	N	FRANKLIN AVE
1802		ILLINOIS AVE
1810		MAPLEWOOD AVE
2100		DAVISON RD
1718		ARLINGTON AVE
1714		ARLINGTON AVE
1706		ARLINGTON AVE
2115		ILLINOIS AVE
2232		DAVISON RD
1606	N	FRANKLIN AVE
1518	N	FRANKLIN AVE
1510	N	FRANKLIN AVE
1618		MAPLEWOOD AVE
1610		MAPLEWOOD AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-4: Parcels with Lead Services - Ward 4	
1606	MAPLEWOOD AVE
1502	MAPLEWOOD AVE
1517	ARLINGTON AVE
1618	ARLINGTON AVE
1602	ARLINGTON AVE
2119	OHIO AVE
2202	ILLINOIS AVE
2208	ILLINOIS AVE
2306	ILLINOIS AVE
2219	WISCONSIN AVE
2301	WISCONSIN AVE
2212	WISCONSIN AVE
2310	WISCONSIN AVE
2314	WISCONSIN AVE
1405	MAPLEWOOD AVE
1401	MAPLEWOOD AVE
1317	MAPLEWOOD AVE
1311	MAPLEWOOD AVE
1313	ARLINGTON AVE
1309	ARLINGTON AVE
1406	MAPLEWOOD AVE
1401	ARLINGTON AVE
2210	OHIO AVE
2314	PENNSYLVANIA AVE
2213	MISSOURI AVE
2506	DAVISON RD
2421	WISCONSIN AVE
2425	WISCONSIN AVE
1602 N	LYNCH AVE
2601	WISCONSIN AVE
2410	WISCONSIN AVE
2505	OHIO AVE
2414	PENNSYLVANIA AVE
2022	MISSOURI AVE
2102	MISSOURI AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-4: Parcels with Lead Services - Ward 4		
2132		MISSOURI AVE
1921		KENTUCKY AVE
2202		MISSOURI AVE
2318		MISSOURI AVE
2313		KENTUCKY AVE
2010		KENTUCKY AVE
2306		KENTUCKY AVE
2314		KENTUCKY AVE
2401		KENTUCKY AVE
2407		KENTUCKY AVE
2402		KENTUCKY AVE
2408		KENTUCKY AVE
0	N	DORT HWY
1201	N	DORT HWY
3618	N	FRANKLIN AVE
1912		MARSHALL ST
1914		MARSHALL ST
2961		NATHAN AVE
3602		DOUGLAS AVE
3314		RICHFIELD RD
3012		LEITH ST
2010		THOM ST
2407		MISSOURI AVE
2402		MISSOURI AVE
2617		KENTUCKY AVE
3811		DOUGLAS AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
2125	N	SAGINAW ST
1215		MINNESOTA AVE
507		GRACE ST
2101		OREN AVE
552		WELCH BLVD
1629		PONTIAC ST
1525		M L KING AVE
1425	N	SAGINAW ST
901	N	SAGINAW ST
1309	N	STEVENSON ST
0		FIRST AVE
0	W	FIFTH ST
805		COLUMBIA DR
0		MERRILL ST
340	S	SAGINAW ST
448	S	SAGINAW ST
518	S	SAGINAW ST
409	W	SEVENTH ST
1401	S	GRAND TRAVERSE
1513		STOCKTON ST
711	W	TWELFTH ST
409	W	BAKER ST
321	W	BAKER ST
237	E	BAKER ST
138	E	BAKER ST
302	E	RANKIN ST
2505	N	SAGINAW ST
2502		DUPONT ST
514		WHITE ST
0		DUPONT ST
2302		DUPONT ST
610	W	NEWALL ST
2301		MASON ST
622		GREEN ST
405	W	NEWALL ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
2221		MASON ST
406	W	HAMILTON AVE
310	W	HAMILTON AVE
523	W	HAMILTON AVE
511	W	HAMILTON AVE
622	W	WITHERBEE ST
614	W	WITHERBEE ST
602	W	WITHERBEE ST
524	W	WITHERBEE ST
313	W	HAMILTON AVE
422	W	WITHERBEE ST
406	W	WITHERBEE ST
310	W	WITHERBEE ST
2163		MASON ST
220		WHITE ST
208		WHITE ST
115		WHITE ST
2313		M L KING AVE
117	W	NEWALL ST
227	W	HAMILTON AVE
211	W	HAMILTON AVE
125	W	HAMILTON AVE
611	W	WITHERBEE ST
601	W	WITHERBEE ST
523	W	WITHERBEE ST
515	W	WITHERBEE ST
511	W	WITHERBEE ST
622		ODETTE ST
524		ODETTE ST
516		ODETTE ST
512		ODETTE ST
2103		IROQUOIS AVE
614		ODETTE ST
421	W	WITHERBEE ST
329	W	WITHERBEE ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
317	W	WITHERBEE ST
309	W	WITHERBEE ST
318		ODETTE ST
613		ODETTE ST
605		ODETTE ST
517		ODETTE ST
610		JOSEPHINE ST
520		JOSEPHINE ST
329		ODETTE ST
313		ODETTE ST
330		JOSEPHINE ST
305		ODETTE ST
601		JOSEPHINE ST
618	W	PATERSON ST
526	W	PATERSON ST
421		JOSEPHINE ST
417		JOSEPHINE ST
302	W	PATERSON ST
405		JOSEPHINE ST
1812		DUPONT ST
605	W	PATERSON ST
519	W	PATERSON ST
422		GRACE ST
410		GRACE ST
1702		DUPONT ST
602		STOCKDALE ST
524		STOCKDALE ST
618		STOCKDALE ST
417		GRACE ST
409		GRACE ST
405		GRACE ST
401		GRACE ST
311		GRACE ST
418		STOCKDALE ST
425		GRACE ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
204		ODETTE ST
2013		M L KING AVE
2005		M L KING AVE
232	W	PATERSON ST
228	W	PATERSON ST
213	W	PATERSON ST
240		STOCKDALE ST
230		STOCKDALE ST
210		STOCKDALE ST
203	E	DAYTON ST
430	E	BAKER ST
402	E	BAKER ST
0		M L KING AVE
2409		ADAMS AVE
2309		ADAMS AVE
380	E	DAYTON ST
382	E	DAYTON ST
2238		M L KING AVE
2226		M L KING AVE
2237		FRANCIS AVE
2232		FRANCIS AVE
2133		ADAMS AVE
2117		ADAMS AVE
2122		ADAMS AVE
2114		ADAMS AVE
406	E	DAYTON ST
414	E	DAYTON ST
2221		CHIPPEWA ST
529	E	HAMILTON AVE
0	E	HAMILTON AVE
0	E	HAMILTON AVE
1914		M L KING AVE
2017		FRANCIS AVE
1826		ADAMS AVE
219		PAGE ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
221		PAGE ST
2019		AVENUE A
518	E	WITHERBEE ST
1913		ROOT ST
554	E	WITHERBEE ST
558	E	WITHERBEE ST
570	E	WITHERBEE ST
1811		AVENUE A
520	E	PATERSON ST
2702		TERRACE
406		HARRIET ST
518		HARRIET ST
555		PAGE ST
601		PAGE ST
909	W	PATERSON ST
1714	N	CHEVROLET AVE
717	W	PATERSON ST
1802		MT ELLIOTT AVE
1718		MT ELLIOTT AVE
1712		MT ELLIOTT AVE
1713		DUPONT ST
1709		DUPONT ST
1702		MT ELLIOTT AVE
706		STOCKDALE ST
821		STOCKDALE ST
817		STOCKDALE ST
809		STOCKDALE ST
719		STOCKDALE ST
707		STOCKDALE ST
816		WELCH BLVD
810		WELCH BLVD
806		WELCH BLVD
818		WELCH BLVD
809		WELCH BLVD
1621		DUPONT ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
1601		DUPONT ST
1709		FLUSHING RD
1008		DUPONT ST
912		DUPONT ST
1025		GLADWYN ST
601		STOCKDALE ST
517		STOCKDALE ST
1665		EUCLID AVE
636		WELCH BLVD
632		WELCH BLVD
616		WELCH BLVD
515		STOCKDALE ST
1621		PONTIAC ST
1615		PONTIAC ST
603		WELCH BLVD
1626		PONTIAC ST
1618		PONTIAC ST
1645		SEMINOLE ST
1617		SEMINOLE ST
1602		PONTIAC ST
1648		SEMINOLE ST
1644		SEMINOLE ST
1624		SEMINOLE ST
1612		SEMINOLE ST
1615		STONE ST
1646	N	GRAND TRAVERSE
1626	N	GRAND TRAVERSE
1618	N	GRAND TRAVERSE
1610	N	GRAND TRAVERSE
1617		NEOME DR
1602	N	GRAND TRAVERSE
231		STOCKDALE ST
139		STOCKDALE ST
119		STOCKDALE ST
228		WELCH BLVD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
218		WELCH BLVD
1638		MASON ST
1632		MASON ST
1616		MASON ST
215		WELCH BLVD
1612		LYON ST
1610		GARLAND ST
1501		M L KING AVE
115		WELCH BLVD
539		COPEMAN BLVD
527		COPEMAN BLVD
1502		BEGOLE ST
1421		KIRK AVE
1717		CONCORD ST
1420		DUPONT ST
1308		MC INTOSH DR
1205		NIAGARA AVE
1201		NIAGARA AVE
1501	N	GRAND TRAVERSE
426	W	WOOD ST
1426		STONE ST
1322		STONE ST
1425	N	GRAND TRAVERSE
417	W	WOOD ST
413	W	WOOD ST
333		MARY ST
0		M L KING AVE
238		MARY ST
1519		AVENUE C
1319		AVENUE C
1220		AVENUE C
408		PAGE ST
412		PAGE ST
405		MARY ST
1613		ROOT ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
505		MARY ST
1601		CHIPPEWA ST
1538		AVENUE A
1534		AVENUE A
1515	N	SAGINAW ST
1531	N	SAGINAW ST
1401		CHIPPEWA ST
1402		ROOT ST
0	N	SAGINAW ST
1215		M L KING AVE
1125		M L KING AVE
1143		M L KING AVE
517		WILLIAMS ST
1319		ROOT ST
1405		CHIPPEWA ST
1326		ROOT ST
1309	N	SAGINAW ST
1303	N	SAGINAW ST
1404		CHIPPEWA ST
1016		M L KING AVE
1031		ROOT ST
1131		ROOT ST
1025		CHIPPEWA ST
554		WILLIAMS ST
1015	N	SAGINAW ST
615		LOUISA ST
1021	N	SAGINAW ST
1101	N	SAGINAW ST
1517		MACKIN RD
1513		MACKIN RD
1318		PROSPECT ST
1340		DUPONT ST
1206	N	STEVENSON ST
1006		EIGHTH AVE
1025		FROST ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
905		COTTAGE GROVE AV
827		FROST ST
820		COTTAGE GROVE AV
910		FROST ST
1201		FLUSHING RD
816	N	STEVENSON ST
706		WOLCOTT ST
729		PROSPECT ST
814	W	UNIVERSITY AVE
0	N	GRAND TRAVERSE
420	W	FIFTH AVE
801		M L KING AVE
932		GARLAND ST
804		M L KING AVE
800		M L KING AVE
907		ROOT ST
609	E	FIFTH AVE
725		GARLAND ST
728		GARLAND ST
711	N	SAGINAW ST
623		M L KING AVE
601	N	GRAND TRAVERSE
415	W	FOURTH AVE
527	N	GRAND TRAVERSE
409	N	GRAND TRAVERSE
314	W	UNIVERSITY AVE
308	W	UNIVERSITY AVE
302	W	UNIVERSITY AVE
224	W	UNIVERSITY AVE
218	W	UNIVERSITY AVE
315	W	UNIVERSITY AVE
406	N	GRAND TRAVERSE
0	E	SECOND AVE
0	W	WATER ST
625		COTTAGE GROVE AV

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
718		COTTAGE GROVE AV
1310	W	FOURTH AVE
725		FROST ST
721		FROST ST
1208	W	FOURTH AVE
1308	W	UNIVERSITY AVE
504		MATHEWSON ST
525		MC ARAS CT
521		MC ARAS CT
519		COTTAGE GROVE AV
620		FROST ST
1222	W	UNIVERSITY AVE
613	N	STEVENSON ST
517		BANGS ST
509		BANGS ST
505		BANGS ST
1105	W	UNIVERSITY AVE
1005	W	UNIVERSITY AVE
921	W	UNIVERSITY AVE
1625	W	UNIVERSITY AVE
511		MATHEWSON ST
320	N	GRAND TRAVERSE
303	W	WATER ST
336	W	FIRST ST
0	W	KEARSLEY ST
1104	W	SECOND ST
505		ASYLUM ST
501	W	KEARSLEY ST
502		CHURCH ST
326	W	SECOND ST
318	W	SECOND ST
651		HALL ST
607	W	SECOND ST
520	W	THIRD ST
500	W	COURT ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
718		OAK ST
801		STOCKTON ST
0		GLENWOOD AVE
1714	W	COURT ST
1701		GLENWOOD AVE
0		FOX ST
1402	W	COURT ST
1325	W	SECOND ST
721		HAZELTON ST
1220	W	COURT ST
1110	W	COURT ST
1108	W	COURT ST
1104	W	COURT ST
727		ASYLUM ST
1026		ANN ARBOR ST
710	N	CHEVROLET AVE
725		CADILLAC ST
705		CADILLAC ST
701		CADILLAC ST
1630	W	UNIVERSITY AVE
0		LEWIS ST
1550		MABEL AVE
1521		BENNETT AVE
1549		BENNETT AVE
2118		LEWIS ST
1522		BENNETT AVE
1526		BENNETT AVE
1534		BENNETT AVE
1538		BENNETT AVE
1550		BENNETT AVE
1521	E	HAMILTON AVE
1502		BENNETT AVE
1430	E	HAMILTON AVE
1521		BROADWAY BLVD
0	N	SAGINAW ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
0	N	SAGINAW ST
0	N	SAGINAW ST
0	N	SAGINAW ST
0	N	SAGINAW ST
2022		NORTH ST
902	E	HAMILTON AVE
2603		LEWIS ST
2519		LEWIS ST
1325		BELLE AVE
2425		LEWIS ST
1345		JANE AVE
1211		MABEL AVE
1208		BROADWAY BLVD
1231		BENNETT AVE
1302		MABEL AVE
2218		LYMAN ST
2216		LYMAN ST
2225		LEWIS ST
1210		BENNETT AVE
1234		BENNETT AVE
1221	E	HAMILTON AVE
1237	E	HAMILTON AVE
2101		LEWIS ST
1245		BROADWAY BLVD
702		SPELLMAN DR
730		LOYOLA DR
710		LOYOLA DR
701		WILBERFORCE LN
720		WILBERFORCE DR
1513		VANDERBILT DR
1507		TULANE CIR
1513		ST JOHN ST
883		F J MCCREE DR
1050	N	SAGINAW ST
1329		LEWIS ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
1297		KEARSLEY PK BLVD
1011	E	FIFTH AVE
1512		DAVISON RD
1555		INDIANA AVE
1501		INDIANA AVE
1422		INDIANA AVE
1405		ILLINOIS AVE
1442		INDIANA AVE
1546		INDIANA AVE
1401		KEARSLEY PK BLVD
1437		KEARSLEY PK BLVD
1516		ILLINOIS AVE
1507		KEARSLEY PK BLVD
1513		WISCONSIN AVE
1535		KEARSLEY PK BLVD
1609		KEARSLEY PK BLVD
1619		PENNSYLVANIA AVE
1641		PENNSYLVANIA AVE
1406		CRONK AVE
1310		CRONK AVE
1616		PENNSYLVANIA AVE
1640		PENNSYLVANIA AVE
1702		PENNSYLVANIA AVE
1216		MINNESOTA AVE
1729		KENTUCKY AVE
1814		MISSOURI AVE
1627		NEBRASKA AVE
1726		KENTUCKY AVE
1734		KENTUCKY AVE
1822		KENTUCKY AVE
1725		NEBRASKA AVE
1733		NEBRASKA AVE
328	S	SAGINAW ST
328	S	SAGINAW ST
210	W	FIRST ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
211	W	KEARSLEY ST
400	S	SAGINAW ST
420	S	SAGINAW ST
502		BEACH ST
322	W	COURT ST
312	W	COURT ST
0		CHURCH ST
326	W	COURT ST
717	S	GRAND TRAVERSE
316	W	COURT ST
505	W	COURT ST
415	W	COURT ST
409	W	COURT ST
0	W	FIFTH ST
940	S	GRAND TRAVERSE
617		CARRILL CT
1112		STOCKTON ST
1123		ANN ARBOR ST
1108	S	GRAND TRAVERSE
1110	S	GRAND TRAVERSE
1114		CHURCH ST
1118		CHURCH ST
322		SYLVAN CT
318	W	SEVENTH ST
1023		CHURCH ST
219	W	FIFTH ST
1003		CHURCH ST
1111		CHURCH ST
1121		CHURCH ST
1202		CHURCH ST
0		W SEVENTH ST
1203		BEACH ST
1221		BEACH ST
0	W	NINTH ST
0		ANN ARBOR ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5		
1214		STOCKTON ST
602		FAIRLANE ST
1206	S	GRAND TRAVERSE
1216	S	GRAND TRAVERSE
1529		STOCKTON ST
209		TENTH ST
421	W	TWELFTH ST
1410	S	SAGINAW ST
1402	S	SAGINAW ST
1523		BEACH ST
1513		BEACH ST
1530	S	SAGINAW ST
1522		HARRISON ST
1525	S	SAGINAW ST
215		CROSS CT
1607	S	SAGINAW ST
0	W	THIRTEENTH ST
220	W	THIRTEENTH ST
0	W	THIRTEENTH ST
1702	S	SAGINAW ST
1802	S	SAGINAW ST
2008		CLIFFORD ST
1945		FENTON RD
2001		FENTON RD
2205		FENTON RD
800		ERIE ST
715	W	TWELFTH ST
1714		TACOMA ST
1720		TACOMA ST
517		MORLEY AVE
1103	W	SECOND ST
1517		STOCKTON ST
367		WARREN ST
1817	N	SAGINAW ST
1518		WISCONSIN AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-5: Parcels with Lead Services - Ward 5	
905	ERIE ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6	
816	TACKEN ST
3610 W	COURT ST
2832	MALLERY ST
2824	MALLERY ST
2820	MALLERY ST
2816	MALLERY ST
2812	MALLERY ST
2808	MALLERY ST
2838	PROSPECT ST
2832	PROSPECT ST
2721	BEGOLE ST
2831	MALLERY ST
2823	MALLERY ST
2820	CONCORD ST
2816	CONCORD ST
2823	CONCORD ST
2760	SLOAN ST
1621	WELCH BLVD
1717	COPEMAN BLVD
1713	COPEMAN BLVD
2836	BEGOLE ST
2832	BEGOLE ST
2824	BEGOLE ST
2843	BEGOLE ST
2835	BEGOLE ST
2831	BEGOLE ST
2819	BEGOLE ST
1905	LAWNDALE AVE
1805	LAWNDALE AVE
1821	LAWNDALE AVE
1658	LAVENDER AVE
1413	WELCH BLVD
1309	WELCH BLVD
1316	COPEMAN BLVD
1707	FOREST HILL AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6	
1325	COPEMAN BLVD
2626	BEGOLE ST
1301	COPEMAN BLVD
1207	WELCH BLVD
1011	WELCH BLVD
1012	COPEMAN BLVD
1812	PROCTOR AVE
1727	MILBOURNE AVE
3109	BARTH ST
3105	BERKLEY ST
1213	SUTTON AVE
1415	N BALLENGER HWY
2927	MACKIN RD
2919	MACKIN RD
2823	MACKIN RD
2815	MACKIN RD
1375	LAVENDER AVE
2819	MACKIN RD
2717	BEGOLE ST
2709	BEGOLE ST
2701	BEGOLE ST
2629	BEGOLE ST
2718	MALLERY ST
2702	MALLERY ST
2626	MALLERY ST
1551	FOREST HILL AVE
2609	BEGOLE ST
2812	CONCORD ST
2808	CONCORD ST
2705	MALLERY ST
2718	CONCORD ST
2706	CONCORD ST
2702	CONCORD ST
2630	CONCORD ST
2626	CONCORD ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6	
2618	CONCORD ST
2612	CONCORD ST
2601	MALLERY ST
2602	CONCORD ST
2815	CONCORD ST
2617	CONCORD ST
2618	CLEMENT ST
2612	CLEMENT ST
2823	CLEMENT ST
2705	CLEMENT ST
2611	CLEMENT ST
2606	BARTH ST
2827	BARTH ST
2815	BARTH ST
2801	BARTH ST
2629	BARTH ST
2625	BARTH ST
2617	BARTH ST
2618	MACKIN RD
1409	FOREST HILL AVE
2602	MACKIN RD
2721	MACKIN RD
2717	MACKIN RD
2713	MACKIN RD
2709	MACKIN RD
2705	MACKIN RD
2631	MACKIN RD
2627	MACKIN RD
2623	MACKIN RD
2722	PROSPECT ST
2729	MACKIN RD
2513	WOLCOTT ST
2517	N STEVENSON ST
2624	BERKLEY ST
2612	BERKLEY ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6	
2620	RASKOB ST
2518	BEGOLE ST
2510	BEGOLE ST
2525	BEGOLE ST
2510	MALLERY ST
2506	MALLERY ST
2422	MALLERY ST
1510	FOREST HILL AVE
2505	MALLERY ST
2425	MALLERY ST
2421	MALLERY ST
2413	MALLERY ST
1515	MILBOURNE AVE
2522	CONCORD ST
2506	CONCORD ST
2428	CONCORD ST
2424	CONCORD ST
1501	MILBOURNE AVE
1450	FOREST HILL AVE
2513	CONCORD ST
2417	CONCORD ST
1463	MILBOURNE AVE
2522	CLEMENT ST
2525	CLEMENT ST
1438	FOREST HILL AVE
2401	CLEMENT ST
2522	BARTH ST
2518	BARTH ST
933	WELCH BLVD
931	COPEMAN BLVD
2322	BEGOLE ST
935	COPEMAN BLVD
2325	BEGOLE ST
2301	BEGOLE ST
2310	MALLERY ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6	
2110	MALLERY ST
2009	BEGOLE ST
1901	BEGOLE ST
2317	MALLERY ST
2225	MALLERY ST
2221	MALLERY ST
2306	CONCORD ST
2230	CONCORD ST
2317	CONCORD ST
2313	CONCORD ST
2322	CLEMENT ST
2222	CLEMENT ST
1402	FOREST HILL AVE
2407	BARTH ST
1413	MILBOURNE AVE
2313	CLEMENT ST
2309	CLEMENT ST
1430	MILBOURNE AVE
2302	BARTH ST
2305	BARTH ST
2301	BARTH ST
2217	BARTH ST
2521	MACKIN RD
2517	MACKIN RD
2509	MACKIN RD
2441	MACKIN RD
2425	MACKIN RD
2414	PROSPECT ST
2437	MACKIN RD
2522	WOLCOTT ST
2510	WOLCOTT ST
1917	MALLERY ST
1934	CONCORD ST
1501	DUPONT ST
2120	CLEMENT ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6		
2101		CONCORD ST
2009		CONCORD ST
1925		CONCORD ST
1914		CLEMENT ST
1906		CLEMENT ST
1903		CONCORD ST
1444	N	CHEVROLET AVE
2105		CLEMENT ST
1913		CLEMENT ST
1926		BARTH ST
1914		BARTH ST
1824		BARTH ST
1426	N	CHEVROLET AVE
1422	N	CHEVROLET AVE
1418	N	CHEVROLET AVE
1414	N	CHEVROLET AVE
1410	N	CHEVROLET AVE
1406	N	CHEVROLET AVE
2109		BARTH ST
2001		BARTH ST
1905		BARTH ST
1901		BARTH ST
1829		BARTH ST
1803		BARTH ST
2002		PROSPECT ST
1351		WOODBRIIDGE ST
2105		PROSPECT ST
2001		PROSPECT ST
1915		PROSPECT ST
1909		PROSPECT ST
2214		WOLCOTT ST
2106		WOLCOTT ST
2102		WOLCOTT ST
1907		PROSPECT ST
2617		RASKOB ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6		
2613		RASKOB ST
2612		SLOAN ST
2608		FLUSHING RD
2537		SLOAN ST
1102		MILBOURNE AVE
2536		FLUSHING RD
2532		FLUSHING RD
1107	N	CHEVROLET AVE
1117	N	CHEVROLET AVE
2519		FLUSHING RD
2560		BAGLEY ST
2514		BAGLEY ST
2502		BAGLEY ST
2543		BAGLEY ST
2523		BAGLEY ST
2519		BAGLEY ST
2530		TIFFIN ST
2537		THOMAS ST
2517		THOMAS ST
309		MARQUETTE ST
2546		NOLEN DR
2502		NOLEN DR
2527		ALTOONA ST
2542		NORBERT ST
2534		NORBERT ST
2530		NORBERT ST
2523		NORBERT ST
413		MARQUETTE ST
2540		THOMAS ST
2530		PADUCAH ST
2522		PADUCAH ST
2519		PADUCAH ST
2560		TYRONE ST
701		MARQUETTE ST
2525		TYRONE ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6		
2548		ALTOONA ST
2528		ALTOONA ST
2524		ALTOONA ST
2516		ALTOONA ST
2512		ALTOONA ST
2508		ALTOONA ST
738		DOUGHERTY PL
714		DOUGHERTY PL
708		DOUGHERTY PL
2425		ALTOONA ST
2409		ALTOONA ST
2432		NORBERT ST
415		WELLER ST
2521		BERKLEY ST
2501		BERKLEY ST
2420		RASKOB ST
2401		RASKOB ST
2121		WOLCOTT ST
2105		WOLCOTT ST
2015		WOLCOTT ST
2007		WOLCOTT ST
2020	N	STEVENSON ST
2016	N	STEVENSON ST
1310	N	CHEVROLET AVE
2326		BERKLEY ST
2101	N	STEVENSON ST
2302		BERKLEY ST
2222		BERKLEY ST
2206		BERKLEY ST
2327		BERKLEY ST
2117		BERKLEY ST
2113		BERKLEY ST
1213		WOODBIDGE ST
2206		RASKOB ST
2112		RASKOB ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6		
2329		RASKOB ST
2321		RASKOB ST
2201		RASKOB ST
2414		SLOAN ST
2214		SLOAN ST
2116		SLOAN ST
1128	N	CHEVROLET AVE
1120	N	CHEVROLET AVE
2221		SLOAN ST
2123		SLOAN ST
2214		FLUSHING RD
2206		FLUSHING RD
2202		FLUSHING RD
2130		FLUSHING RD
1801		MACKIN RD
1802		PROSPECT ST
1361		DUPONT ST
1832		WOLCOTT ST
1343		DUPONT ST
1706		WOLCOTT ST
1342		WOODBRIIDGE ST
1710	N	STEVENSON ST
2002		BERKLEY ST
2026		RASKOB ST
1902		RASKOB ST
1160		WOODBRIIDGE ST
2013		RASKOB ST
2009		RASKOB ST
2005		RASKOB ST
1913		RASKOB ST
2006		SLOAN ST
1902		SLOAN ST
2421		FLUSHING RD
2417		FLUSHING RD
2213		FLUSHING RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6		
2404		BAGLEY ST
2320		BAGLEY ST
2108		CADILLAC ST
966	N	CHEVROLET AVE
958	N	CHEVROLET AVE
923	N	CHEVROLET AVE
915	N	CHEVROLET AVE
907	N	CHEVROLET AVE
901	N	CHEVROLET AVE
2210		JOLIET ST
2001		SLOAN ST
2002		FLUSHING RD
1924		FLUSHING RD
1016		PERRY ST
2010		CADILLAC ST
959		PERRY ST
962		PERRY ST
1807		BAGLEY ST
854	N	CHEVROLET AVE
0	N	CHEVROLET AVE
1926	W	COURT ST
1804	W	COURT ST
1702		GLENWOOD AVE
1730		GLENWOOD AVE
312		MARQUETTE ST
2459		THOMAS ST
2443		THOMAS ST
2472		NOLEN DR
2470		NOLEN DR
320		WESTCOMBE AVE
324		WESTCOMBE AVE
336		WESTCOMBE AVE
340		WESTCOMBE AVE
3628		BEECHER RD
3625		BEECHER RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6		
3709		GRATIOT AVE
3706		VAN BUREN AVE
3515		SHERWOOD DR
319		WESTCOMBE AVE
323		WESTCOMBE AVE
339		WESTCOMBE AVE
351		WESTCOMBE AVE
442		DOUGHERTY PL
906		FRANK ST
2107		MONTEITH ST
2101		MONTEITH ST
2116		CARTIER ST
2225		JOLIET ST
2226		MONTEITH ST
2214		MONTEITH ST
2114		MONTEITH ST
715		WOODBRIIDGE ST
857	N	CHEVROLET AVE
851		PERRY ST
824	N	CHEVROLET AVE
804	N	CHEVROLET AVE
819		DUPONT ST
811		DUPONT ST
817	N	CHEVROLET AVE
2004		JOLIET ST
759		DUPONT ST
718		PERRY ST
2021		JOLIET ST
2009		JOLIET ST
1922		MONTEITH ST
1914		MONTEITH ST
1816		MONTEITH ST
1810		MONTEITH ST
1817		JOLIET ST
2025		MONTEITH ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6		
913		FRANK ST
729		FRANK ST
725		FRANK ST
2208	W	UNIVERSITY AVE
616		FRANK ST
721		DICKINSON ST
627		DICKINSON ST
730		DICKINSON ST
616		DICKINSON ST
603		ST CLAIR ST
624		ST CLAIR ST
1912	W	UNIVERSITY AVE
3509		BEECHER RD
3505		BEECHER RD
3409		BEECHER RD
3401		BEECHER RD
3317		BEECHER RD
3311		BEECHER RD
3307		BEECHER RD
3506		BEECHER RD
3502		BEECHER RD
3414		BEECHER RD
3410		BEECHER RD
3406		BEECHER RD
3310		BEECHER RD
3227		BEECHER RD
2920	W	COURT ST
3228		BEECHER RD
3218		BEECHER RD
3202		BEECHER RD
3120		BEECHER RD
3002		BEECHER RD
2006		BECKWITH CT
2002		BECKWITH CT
2014		BECKWITH CT

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-6: Parcels with Lead Services - Ward 6		
2005		BECKWITH CT
2020	W	COURT ST
817		TACKEN ST
1168		SUTTON AVE
3030		SLOAN ST
2767		GOLFSIDE LN

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
302		CHANDLER AVE
363		COMMONWEALTH AVE
234		COMMONWEALTH AVE
1016		NELSON ST
416		AVON ST
918	E	KEARSLEY ST
1821		TUSCOLA AVE
426	S	FRANKLIN AVE
1907		MONTCLAIR AVE
2132	E	SECOND ST
808		COMMONWEALTH AVE
2506		MOUNTAIN AVE
2510		MOUNTAIN AVE
2610		MOUNTAIN AVE
2614		MOUNTAIN AVE
2618		MOUNTAIN AVE
2622		MOUNTAIN AVE
2525	E	COURT ST
2318	E	COURT ST
2402	E	COURT ST
2406	E	COURT ST
2414	E	COURT ST
2413		PIERCE ST
2501		HILLS ST
2614		PIERCE ST
2319		CALUMET ST
2317		BROOKSIDE DR
2000		AITKEN AVE
1917		BARKS ST
559	S	SAGINAW ST
565	S	SAGINAW ST
521		BRUSH ALLEY
649	S	SAGINAW ST
755	S	SAGINAW ST
604	E	SECOND ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
421	E	TWELFTH ST
0		CHAVEZ DR
609		CHAVEZ DR
1198		ROBERT T LONGWAY
1174		ROBERT T LONGWAY
1222		WILLOW ST
1376		WASHINGTON AVE
1313		ROOSEVELT AVE
1239		POPLAR ST
1020		WILLOW ST
1310		ROOSEVELT AVE
1357		POPLAR ST
300		HARRISON ST
300		HARRISON ST
201		W H SCHWARTZ DR
305		WALNUT ST
530		THOMSON ST
434		AVON ST
512		AVON ST
614		THOMSON ST
720	E	SECOND ST
621		THOMSON ST
1410		ROOSEVELT AVE
1414		ROOSEVELT AVE
1706		NEBRASKA AVE
1710		NEBRASKA AVE
1810		NEBRASKA AVE
1733		KANSAS AVE
1813		KANSAS AVE
1706		KANSAS AVE
1710		KANSAS AVE
1726		KANSAS AVE
1922		NEBRASKA AVE
2004		NEBRASKA AVE
2020		NEBRASKA AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
2108		NEBRASKA AVE
2101		KANSAS AVE
2113		KANSAS AVE
2117		KANSAS AVE
2129		KANSAS AVE
1914		KANSAS AVE
2008		KANSAS AVE
2020		KANSAS AVE
1822		TUSCOLA AVE
220	S	FRANKLIN AVE
302	S	FRANKLIN AVE
310	S	FRANKLIN AVE
1815		GLENDALE AVE
314	S	FRANKLIN AVE
211	S	FRANKLIN AVE
217	S	FRANKLIN AVE
307	S	FRANKLIN AVE
311	S	FRANKLIN AVE
620		MAXINE ST
1629		MONTCLAIR AVE
1816	E	SECOND ST
514	S	FRANKLIN AVE
1813		MONTCLAIR AVE
521	S	FRANKLIN AVE
601	S	FRANKLIN AVE
605	S	FRANKLIN AVE
1901		MONTCLAIR AVE
820		MAXINE ST
802		BLANCHARD AVE
1621	E	COURT ST
814		KENSINGTON AVE
1715	E	COURT ST
1810		MONTCLAIR AVE
719		KENSINGTON AVE
802	S	FRANKLIN AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
2020		ROBERT T LONGWAY
2024		GOLD AVE
358		COMMONWEALTH AVE
2013	E	SECOND ST
425		COMMONWEALTH AVE
230		COMMONWEALTH AVE
624		ROOME CT
2120		SHERFF PL
618	S	VERNON AVE
613	S	VERNON AVE
617	S	VERNON AVE
618		CHANDLER AVE
2207		WINDEMERE AVE
701	S	FRANKLIN AVE
711	S	FRANKLIN AVE
715	S	FRANKLIN AVE
2002		WINDEMERE AVE
1909	E	COURT ST
613	S	LYNCH AVE
519		GREENFIELD AVE
2302		WINDEMERE AVE
2221	E	COURT ST
2405	E	COURT ST
2205	E	COURT ST
2513	E	COURT ST
2609	E	COURT ST
3201		LAPEER RD
916		WOODSIDE DR
928		WOODSIDE DR
915		WOODLAWN PARK DR
1312	E	COURT ST
1020		BEARD ST
1121		WOODLAWN PARK DR
1132		WOODSIDE DR
1138		WOODSIDE DR

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
914		MAXINE ST
918		MAXINE ST
1018		MAXINE ST
1618	E	COURT ST
1622	E	COURT ST
1015		MAXINE ST
1025		MAXINE ST
930		BLANCHARD AVE
1708	E	COURT ST
1009		BLANCHARD AVE
1021		BLANCHARD AVE
932		KENSINGTON AVE
1802	E	COURT ST
1806	E	COURT ST
1818	E	COURT ST
1013		KENSINGTON AVE
920	S	FRANKLIN AVE
932	S	FRANKLIN AVE
1014	S	FRANKLIN AVE
1022	S	FRANKLIN AVE
919	S	FRANKLIN AVE
927	S	FRANKLIN AVE
1017	S	FRANKLIN AVE
1025	S	FRANKLIN AVE
1102		MAXINE ST
1106		MAXINE ST
1206		MAXINE ST
1109		MAXINE ST
1213		MAXINE ST
1307		MAXINE ST
1310		BLANCHARD AVE
1102	S	FRANKLIN AVE
1134	S	FRANKLIN AVE
1113	S	FRANKLIN AVE
1129	S	FRANKLIN AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
0	S	FRANKLIN AVE
815		KENNELWORTH AVE
912	E	WELLINGTON AVE
916	E	WELLINGTON AVE
1520		LINWOOD AVE
1702		LINWOOD AVE
1413		BROOKWOOD AVE
1521		BROOKWOOD AVE
1609		BROOKWOOD AVE
1601		WOODLAWN PARK DR
1412		BROOKWOOD AVE
906		LAFAYETTE ST
2002	E	COURT ST
2026	E	COURT ST
2110	E	COURT ST
2118	E	COURT ST
2018	E	COURT ST
2102		CALUMET ST
2302	E	COURT ST
2414		PIERCE ST
2309		HILLS ST
2413		HILLS ST
2506		HILLS ST
1101	E	VERNON DR
2401		BROOKSIDE DR
1712		LAPEER RD
1702		LAPEER RD
1814		MAGNOLIA AVE
1810		MAGNOLIA AVE
1909		MAGNOLIA AVE
1818		JASMINE AVE
1822		JASMINE AVE
1911		JASMINE AVE
1925		JASMINE AVE
1934		LAPEER RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
2106		LAPEER RD
2104		LAPEER RD
0		FLORAL PARK AVE
817		PINGREE AVE
815		PINGREE AVE
1974		HOWARD AVE
1950		HOWARD AVE
2033		FERRIS AVE
2042		DWIGHT AVE
2054		DWIGHT AVE
2026		CROCKER AVE
2038		CROCKER AVE
2013		CROCKER AVE
2010		HOWARD AVE
2013		HOWARD AVE
2021		HOWARD AVE
1103		LIPPINCOTT BLVD
2017		WINANS AVE
2002		BLADES AVE
1309		LIPPINCOTT BLVD
1402		PINGREE AVE
1846		BARKS
1829		OWEN ST
1511		WAYNE ST
1925		BURR BLVD
1605		PINGREE AVE
1925		SEYMOUR ST
1933		SEYMOUR ST
2039		BURR BLVD
2036		MC AVOY ST
2040		MC AVOY ST
2022		SEYMOUR ST
2116		KENT ST
405		HARRISON ST
120	E	FIRST ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
200	E	FIRST ST
300	E	FIRST ST
310	E	THIRD ST
320	E	FOURTH ST
319	E	COURT ST
124	E	COURT ST
1101	S	SAGINAW ST
626	E	SECOND ST
607		EAST ST
724		EAST ST
722		EAST ST
416	E	FOURTH ST
721		EAST ST
801		PIERSON ST
713		THOMSON ST
721		THOMSON ST
821	E	COURT ST
716		AVON ST
0	E	COURT ST
906	E	SEVENTH ST
914	E	SEVENTH ST
918	E	SEVENTH ST
924	E	SEVENTH ST
917	E	EIGHTH ST
0	E	COURT ST
0		STEVENS ST
1108		LAPEER RD
838	E	SEVENTH ST
846	E	SEVENTH ST
1219		LAPEER RD
818	E	EIGHTH ST
817	E	NINTH ST
833	E	NINTH ST
1357		LAPEER RD
822	E	NINTH ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
834	E	NINTH ST
837		BELMONT AVE
812		BELMONT AVE
1405		LAPEER RD
120	E	SEVENTH ST
407	E	TWELFTH ST
424		KENNELWORTH AVE
1614		PARK ST
1618		PARK ST
1622		PARK ST
1704		PARK ST
1708		PARK ST
1712		PARK ST
1613		PARK ST
1617		PARK ST
1621		PARK ST
1709		PARK ST
1713		PARK ST
525	E	TWELFTH ST
1601		PARK ST
534	E	TWELFTH ST
2114		DWIGHT AVE
2121		DWIGHT AVE
2109		DWIGHT AVE
2123		CROCKER AVE
2214		AITKEN AVE
2125		WINANS AVE
2261		BLADES AVE
2301		BLADES AVE
1316		LIPPINCOTT BLVD
1312		LIPPINCOTT BLVD
2106		MAYBURY AVE
2212		MAYBURY AVE
0		W H SCHWARTZ DR
2621	E	COURT ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-7: Parcels with Lead Services - Ward 7		
2211		TUSCOLA AVE
202		CHANDLER AVE
208		CHANDLER AVE
212		CHANDLER AVE
370		COMMONWEALTH AVE
401	S	VERNON AVE
238		COMMONWEALTH AVE
423		CHANDLER AVE
514		CHANDLER AVE
522		CHANDLER AVE
526		CHANDLER AVE
614	S	LYNCH AVE
601	S	LYNCH AVE
617	S	LYNCH AVE
2516	E	SECOND ST
515		GREENFIELD AVE
2314		WINDEMERE AVE
2502		MOUNTAIN AVE
2518		MOUNTAIN AVE
2602		MOUNTAIN AVE
1902		BARKS ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8		
3006		FIELDING ST
3822		WHITNEY AVE
3925		LARCHMONT ST
1201	W	TWELFTH ST
1022		LELAND ST
1610		CRESCENT DR
1117		SOUTH DR
3106		FIELDING ST
1602	S	BALLENGER HWY
3421		CLAIRMONT ST
3417		CLAIRMONT ST
3414		HOGARTH AVE
3410		HOGARTH AVE
1015		BARLOW AVE
1309		LINCOLN AVE
1926		CORUNNA RD
925		PERSHING ST
1805	W	COURT ST
909		PERSHING ST
1828		ZIMMERMAN ST
1818		ZIMMERMAN ST
1940		BECKER ST
1010		PERSHING ST
1929		BECKER ST
1117		IDA AVE
1209		IDA AVE
1124		BOSTON AVE
1128		BOSTON AVE
1104		PERSHING ST
1118		PERSHING ST
1119		BOSTON AVE
1122		PERSHING ST
1001		PERSHING ST
1015		PERSHING ST
1017		PERSHING ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
1021	PERSHING ST
1023	PERSHING ST
1109	PERSHING ST
1115	PERSHING ST
1010	CHRISTOPHER ST
1821	ZIMMERMAN ST
1113	CHRISTOPHER ST
1301	IDA AVE
1213	BOSTON AVE
1221	BOSTON AVE
921	CEDAR ST
925 S	BALLENGER HWY
916	MANN AVE
940	MANN AVE
915	STOCKER AVE
920	KNAPP AVE
944	KNAPP AVE
911	KNAPP AVE
931	KNAPP AVE
943	KNAPP AVE
976	HUBBARD AVE
996	BARNEY AVE
979	BARNEY AVE
983	BARNEY AVE
956	MANN AVE
963	STOCKER AVE
954	HUGHES AVE
3518	CORUNNA RD
3402	CORUNNA RD
3410	CORUNNA RD
3320	CORUNNA RD
3214	FIELDING ST
0	FIELDING ST
1020	STOCKER AVE
3210	CORUNNA RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
915	HUGHES AVE
919	HUGHES AVE
924	BRADLEY AVE
2701	W COURT ST
2801	FIELDING ST
989	BRADLEY AVE
986	HAMMOND ST
2652	GIBSON ST
2913	GIBSON ST
2722	REYNOLDS ST
2710	REYNOLDS ST
2810	REYNOLDS ST
2910	CORUNNA RD
2725	REYNOLDS ST
2721	REYNOLDS ST
2717	REYNOLDS ST
2701	REYNOLDS ST
0	CORUNNA RD
2830	CORUNNA RD
2724	CORUNNA RD
1007	BRADLEY AVE
1019	BRADLEY AVE
1023	BRADLEY AVE
1014	HAMMOND ST
2630	CORUNNA RD
2485	W COURT ST
986	GAINEY AVE
2602	GIBSON ST
978	GAINEY AVE
955	GAINEY AVE
959	GAINEY AVE
967	GAINEY AVE
2510	GIBSON ST
2502	GIBSON ST
2480	ZIMMERMAN ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8		
2468		ZIMMERMAN ST
2454		ZIMMERMAN ST
2475		ZIMMERMAN ST
983		FARNUM AVE
2433		ZIMMERMAN ST
2429		ZIMMERMAN ST
2409		ZIMMERMAN ST
2446		GIBSON ST
2615		GIBSON ST
2608		CORUNNA RD
2618		CORUNNA RD
2505		GIBSON ST
2477		GIBSON ST
2425		GIBSON ST
1011		FARNUM AVE
2422		CORUNNA RD
2418		CORUNNA RD
2521		CORUNNA RD
2529		CORUNNA RD
2215	W	COURT ST
912		VOSBURG ST
916		VOSBURG ST
0	W	COURT ST
2317		ZIMMERMAN ST
2309		ZIMMERMAN ST
2324		REID ST
2210		REID ST
2317		REID ST
2107	W	COURT ST
919		VOSBURG ST
2116		CORUNNA RD
2038		CORUNNA RD
2028		CORUNNA RD
2046		CORUNNA RD
2221		CORUNNA RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
2217	CORUNNA RD
2205	CORUNNA RD
2201	CORUNNA RD
2113	CORUNNA RD
2306	SWAYZE ST
2222	SWAYZE ST
2124	SWAYZE ST
2112	SWAYZE ST
2108	SWAYZE ST
1117	DURAND ST
1121	DURAND ST
2317	SWAYZE ST
2309	SWAYZE ST
2305	SWAYZE ST
2116	BROWN ST
2201	SWAYZE ST
1213	DURAND ST
4015	W COURT ST
4026	REYNOLDS ST
1047	MEIDA ST
3824	ZIMMERMAN ST
3917	W COURT ST
3827	ZIMMERMAN ST
964	DARLING ST
3910	CORUNNA RD
1032	WELLMAN ST
3825	CORUNNA RD
3627	CORUNNA RD
3604	WHITNEY AVE
3905	WHITNEY AVE
3625	ARLENE AVE
3417	CORUNNA RD
3413	CORUNNA RD
3409	CORUNNA RD
3521	CORUNNA RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
3518	BROWN ST
3514	BROWN ST
1115	MANN AVE
1119	MANN AVE
1118	STOCKER AVE
1122	STOCKER AVE
3113	CORUNNA RD
1114	KNAPP AVE
1218	KNAPP AVE
3505	BROWN ST
3422	ARLENE AVE
3421	WHITNEY AVE
1310	MANN AVE
1418	MANN AVE
1413	MANN AVE
1318	STOCKER AVE
1322	STOCKER AVE
1309	STOCKER AVE
1313	STOCKER AVE
1330	KNAPP AVE
1418	KNAPP AVE
1506	KNAPP AVE
1115	KNAPP AVE
1201	KNAPP AVE
1206	HUGHES AVE
1208	HUGHES AVE
1210	HUGHES AVE
1222	HUGHES AVE
1123	HUGHES AVE
1126	KNIGHT AVE
2913	CORUNNA RD
1116	CLANCY AVE
1204	CLANCY AVE
2807	CORUNNA RD
2719	CORUNNA RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
2701	CORUNNA RD
2733	SWAYZE ST
1322	HUGHES AVE
1326	HUGHES AVE
1309	HUGHES AVE
2901	BROWN ST
1330	KNIGHT AVE
1505	KNIGHT AVE
1425	KNIGHT AVE
3517	ARLENE AVE
3422	HERRICK ST
3301	HERRICK ST
3305	CLAIRMONT ST
1614	KNAPP AVE
1710	KNAPP AVE
1626	HUGHES AVE
2838	BRANDON ST
2821	BRANDON ST
2926	MILLER RD
2844	MILLER RD
2836	MILLER RD
2810	MILLER RD
2802	MILLER RD
2606	SWAYZE ST
2605	CORUNNA RD
2635	SWAYZE ST
2605	SWAYZE ST
2624	BROWN ST
2553	SWAYZE ST
2549	SWAYZE ST
2518	BROWN ST
2627	BROWN ST
2529	BROWN ST
2534	CUMINGS AVE
1410	GAINEY AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
1411	GAINEY AVE
1423	GAINEY AVE
2609	CHICAGO BLVD
1516	GAINEY AVE
1520	GAINEY AVE
1524	GAINEY AVE
2628	MILLER RD
2620	MILLER RD
2515	CHICAGO BLVD
1510	IRENE AVE
1302	DOWNEY ST
1301	DOWNEY ST
2305	BROWN ST
2221	BROWN ST
2214	CUMINGS AVE
2210	CUMINGS AVE
2202	CUMINGS AVE
2122	CUMINGS AVE
2108	CUMINGS AVE
1408	BRABYN AVE
1425	BRABYN AVE
1533	IRENE AVE
2442	MILLER RD
2428	MILLER RD
2426	MILLER RD
2422	MILLER RD
2402	MILLER RD
1425	LINCOLN DR
1429	LINCOLN DR
1441	LINCOLN DR
1404	DOWNEY ST
1420	DOWNEY ST
1502	DOWNEY ST
2320	MILLER RD
2314	MILLER RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
1407	DOWNEY ST
1411	DOWNEY ST
1402	WOODCROFT AVE
1410	WOODCROFT AVE
1418	WOODCROFT AVE
1415	WOODCROFT AVE
1501	WOODCROFT AVE
1408	DURAND ST
2112	MILLER RD
2313	MILLER RD
2301	MILLER RD
2225	MILLER RD
2217	MILLER RD
2209	MILLER RD
2201	MILLER RD
2220	RADCLIFFE AVE
2701	CHICAGO BLVD
2754	MILLER RD
2746	MILLER RD
2710	MILLER RD
1562	MONTERAY AVE
1608	LINCOLN DR
1677	WOODBURNE DR
1725	LINCOLN DR
1902	BARNEY AVE
3411	WESTWOOD PKWY
3335	WESTWOOD PKWY
3315	WESTWOOD PKWY
3211	WESTWOOD PKWY
3111	WESTWOOD PKWY
1820	HAMPDEN RD
1920	HAMPDEN RD
2902	WESTWOOD PKWY
2820	WESTWOOD PKWY
1851	HAMPDEN RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
2702	WESTWOOD PKWY
1810	OVERHILL DR
2811	WESTWOOD PKWY
2030	HAMPDEN RD
2810	PARKSIDE DR
1324	IDA AVE
2020	MILLER RD
1405	IDA AVE
1224	BOSTON AVE
1228	BOSTON AVE
1232	BOSTON AVE
1968	MILLER RD
1225	BOSTON AVE
2111	MILLER RD
2011	MILLER RD
1606	RAMSAY BLVD
1710	RAMSAY BLVD
2119	RADCLIFFE AVE
2101	RADCLIFFE AVE
1615	CHELSEA CIR
1810	CAMBRIDGE AVE
1822	CAMBRIDGE AVE
1910	CAMBRIDGE AVE
1918	CAMBRIDGE AVE
1926	CAMBRIDGE AVE
1934	CAMBRIDGE AVE
2002	CAMBRIDGE AVE
1911	CAMBRIDGE AVE
1919	CAMBRIDGE AVE
1708	FENTON RD
1038 W	TWELFTH ST
1022	BARLOW AVE
2014	FENTON RD
1114	REMINGTON AVE
2302	FENTON RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
2510	FENTON RD
1029	REMINGTON AVE
1125	OSSINGTON AVE
1128	BLOOR AVE
1124	BLOOR AVE
1112	BLOOR AVE
1104	BLOOR AVE
1102	BLOOR AVE
2722	FENTON RD
1137	BLOOR AVE
1133	BLOOR AVE
2802	FENTON RD
1109	BLOOR AVE
1121	BARRIE AVE
1117	BARRIE AVE
1101	BARRIE AVE
1011	BARRIE AVE
2920	FENTON RD
1113	SIMCOE AVE
1105	SIMCOE AVE
1033	SIMCOE AVE
1120	VICTORIA AVE
3004	FENTON RD
3024	FENTON RD
1019	VICTORIA AVE
1015	VICTORIA AVE
1136	EDITH AVE
1109	VICTORIA AVE
3206	FENTON RD
3210	FENTON RD
1537	LINCOLN AVE
1409	LINCOLN AVE
1610	PETTIBONE AVE
1528	PETTIBONE AVE
1422	PETTIBONE AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8		
1418		PETTIBONE AVE
0		PETTIBONE AVE
1413		PETTIBONE AVE
3302		FENTON RD
3318		FENTON RD
1206		LINCOLN AVE
3410		FENTON RD
1121		LINCOLN AVE
1318		WALDMAN AVE
1113		PETTIBONE AVE
1105		PETTIBONE AVE
3606		FENTON RD
1960	W	HEMPHILL RD
1232		CAMPBELL ST
1309	W	ATHERTON RD
3821		TUXEDO AVE
3822		FENTON RD
1113	W	ATHERTON RD
3902		TUXEDO AVE
1212		CRAWFORD ST
4002		TUXEDO AVE
4001		TUXEDO AVE
4002		FENTON RD
1219		CRAWFORD ST
1230		ALVORD AVE
4106		FENTON RD
4118		FENTON RD
1241		ALVORD AVE
1233		ALVORD AVE
1044		HURON ST
1024		HURON ST
1125		ALVORD AVE
1311		HURON ST
1231		HURON ST
1027		HURON ST

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-8: Parcels with Lead Services - Ward 8	
1218	PINEHURST AVE
4522	FENTON RD
4506	FENTON RD
1023	MARKHAM ST
2549	CORUNNA RD
2313	BROWN ST
2321	SWAYZE ST
3014	FIELDING ST
1008	DARLING ST
3913	ARLENE AVE
1214	ALVORD AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9		
819		BARRIE AVE
927		NEUBERT AVE
4024		CIRCLE DR
546	E	ATHERTON RD
602	E	ATHERTON RD
4302		OGEMA AVE
931		LELAND ST
4018		BRUNSWICK AVE
734		CAMPBELL ST
742		LELAND ST
750		CRAWFORD ST
632		CRAWFORD ST
628		CRAWFORD ST
620		CRAWFORD ST
616		CRAWFORD ST
752		CLINTON ST
749		CLINTON ST
745		CLINTON ST
741		CLINTON ST
737		CLINTON ST
733		CLINTON ST
635		MONROE ST
2309		FENTON RD
912		LEXINGTON AVE
2308		TORONTO ST
2403		FENTON RD
2417		FENTON RD
919		LEXINGTON AVE
841		LEXINGTON AVE
2405		BRUNSWICK AVE
2505		FENTON RD
931		PADDINGTON AVE
954		REMINGTON AVE
839		PADDINGTON AVE
834		REMINGTON AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9		
2501		BRUNSWICK AVE
2615		FENTON RD
942		OSSINGTON AVE
934		OSSINGTON AVE
846		OSSINGTON AVE
834		OSSINGTON AVE
939		OSSINGTON AVE
935		OSSINGTON AVE
0		FENTON RD
923		OSSINGTON AVE
831		OSSINGTON AVE
2102		BEACH ST
509		MONROE ST
2212		MILLETT ST
413		MONROE ST
410	W	TOBIAS ST
221	W	TOBIAS ST
218	W	LINSEY BLVD
202	W	OAKLEY ST
2716	S	SAGINAW ST
2724	S	SAGINAW ST
2601	S	SAGINAW ST
112	E	TOBIAS ST
0	S	SAGINAW ST
125	E	LINSEY BLVD
2713	S	SAGINAW ST
146	E	LINSEY BLVD
2809	S	SAGINAW ST
2805	S	SAGINAW ST
828		BLOOR AVE
913		BLOOR AVE
2809		FENTON RD
847		BLOOR AVE
843		BLOOR AVE
836		BARRIE AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9		
941		BARRIE AVE
933		BARRIE AVE
929		BARRIE AVE
917		BARRIE AVE
926		SIMCOE AVE
831		BARRIE AVE
949		SIMCOE AVE
839		VICTORIA AVE
3208		CAMDEN AVE
729		BLOOR AVE
726		BARRIE AVE
2918	S	GRAND TRAVERSE
745		SIMCOE AVE
627		SIMCOE AVE
632		VICTORIA AVE
623		VICTORIA AVE
617		VICTORIA AVE
640		FREEMAN AVE
749		FREEMAN AVE
745		FREEMAN AVE
923		NEUBERT AVE
936		VERMILYA AVE
902		VERMILYA AVE
932		VERMILYA AVE
3301		FENTON RD
832		VERMILYA AVE
939		VERMILYA AVE
919		VERMILYA AVE
915		VERMILYA AVE
932		LINCOLN AVE
837		VERMILYA AVE
943		LINCOLN AVE
911		LINCOLN AVE
944		PETTIBONE AVE
926		PETTIBONE AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9		
3510		BRUNSWICK AVE
3518		BRUNSWICK AVE
3509		FENTON RD
3513		BRUNSWICK AVE
3517		BRUNSWICK AVE
3717		FENTON RD
848	W	ATHERTON RD
828	W	ATHERTON RD
728		VERMILYA AVE
724		VERMILYA
747		VERMILYA AVE
711		VERMILYA AVE
632		LINCOLN AVE
735		LINCOLN AVE
731		LINCOLN AVE
612		PETTIBONE AVE
715		WALDMAN AVE
738	W	ATHERTON RD
221	W	EDDINGTON AVE
138	E	EDDINGTON AVE
123	E	BELVIDERE AVE
131	E	BELVIDERE AVE
0	S	SAGINAW ST
146	E	BELVIDERE AVE
3308	S	SAGINAW ST
132	W	LAKEVIEW AVE
118		MADISON AVE
128		MADISON AVE
129	E	LAKEVIEW AVE
3313	S	SAGINAW ST
236		MADISON AVE
3314		COLLINGWOOD PKWY
3432	S	SAGINAW ST
145	W	LAKEVIEW AVE
214	E	LAKEVIEW AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9		
213	E	LIVINGSTON DR
514	W	ATHERTON RD
3640	S	SAGINAW ST
126		CRAIGHTON CT
1451		WOODSLEA DR
1302		WOODSLEA DR
2717		CIRCLE DR
2801		CIRCLE DR
2604		INDIAN BOW TR
2712		INDIAN BOW TR
2721		LAKEWOOD DR
2902		CIRCLE DR
2912		CIRCLE DR
2930		CIRCLE DR
2938		CIRCLE DR
2946		CIRCLE DR
1717		WOODSLEA DR
2602		HILLCREST AVE
2616		HILLCREST AVE
2613		INDIAN BOW TR
1521		ARROW LN
1508		ARROW LN
1510		ARROW LN
2721		INDIAN BOW TR
2911		CIRCLE DR
2702		HILLCREST AVE
2722		HILLCREST AVE
2802		HILLCREST AVE
2615		HILLCREST AVE
2627		HILLCREST AVE
2633		HILLCREST AVE
2701		HILLCREST AVE
2801		HILLCREST AVE
2821		HILLCREST AVE
1718		WOODSLEA DR

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9		
465	E	ATHERTON RD
3726		CIRCLE DR
3714		CIRCLE DR
3721		CIRCLE DR
3715		CIRCLE DR
3701		CIRCLE DR
501	E	ATHERTON RD
507	E	ATHERTON RD
521	E	ATHERTON RD
3002		CIRCLE DR
3010		CIRCLE DR
3018		CIRCLE DR
3102		CIRCLE DR
3114		CIRCLE DR
3122		CIRCLE DR
3202		CIRCLE DR
3216		CIRCLE DR
3224		CIRCLE DR
3001		CIRCLE DR
3009		CIRCLE DR
3019		CIRCLE DR
3029		CIRCLE DR
3101		CIRCLE DR
3115		CIRCLE DR
3123		CIRCLE DR
3201		CIRCLE DR
3215		CIRCLE DR
3314		CIRCLE DR
3402		CIRCLE DR
3412		CIRCLE DR
3418		CIRCLE DR
3502		CIRCLE DR
3512		CIRCLE DR
3301		CIRCLE DR
3309		CIRCLE DR

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9		
3401		CIRCLE DR
703		ALGONQUIN AVE
3611		CIRCLE DR
3610		OGEMA AVE
3618		OGEMA AVE
3702		OGEMA AVE
609	E	ATHERTON RD
617	E	ATHERTON RD
631	E	ATHERTON RD
3601		OGEMA AVE
710		ALGONQUIN AVE
716		ALGONQUIN AVE
3605		OGEMA AVE
3609		OGEMA AVE
3701		OGEMA AVE
360	E	ATHERTON RD
313		BUCKINGHAM AVE
336		BUCKINGHAM AVE
410	E	ATHERTON RD
440	E	ATHERTON RD
415		BUCKINGHAM AVE
423		BUCKINGHAM AVE
431		BUCKINGHAM AVE
407		BUCKINGHAM AVE
402		BUCKINGHAM AVE
416		BUCKINGHAM AVE
424		BUCKINGHAM AVE
429		BURROUGHS AVE
3916		CIRCLE DR
0		PENGELLY RD
4217		MILTON DR
401		DELL AVE
4102		CUSTER AVE
4306		CUSTER AVE
4310		CUSTER AVE

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9		
4225		CUSTER AVE
4120		MENTON AVE
4131		MENTON AVE
4221		MENTON AVE
540	E	ATHERTON RD
552	E	ATHERTON RD
610	E	ATHERTON RD
522	E	ATHERTON RD
3901		CIRCLE DR
4008		OGEMA AVE
530		LETA AVE
606		LETA AVE
4213		CIRCLE DR
4214		OGEMA AVE
626		MC KEIGHAN AVE
617	E	HEMPHILL RD
949	W	ATHERTON RD
941	W	ATHERTON RD
924		CAMPBELL ST
3817		FENTON RD
801	W	ATHERTON RD
3902		BRUNSWICK AVE
802		LELAND ST
924		CRAWFORD ST
947		LELAND ST
853		LELAND ST
834		CRAWFORD ST
936		ALVORD AVE
939		CRAWFORD ST
817		CRAWFORD ST
939		ALVORD AVE
4201		BRUNSWICK AVE
849		ALVORD AVE
743	W	ATHERTON RD
735	W	ATHERTON RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9		
731	W	ATHERTON RD
727	W	ATHERTON RD
701	W	ATHERTON RD
653	W	ATHERTON RD
617	W	ATHERTON RD
750		LELAND ST
746		LELAND ST
702		LELAND ST
616		LELAND ST
749		LELAND ST
745		LELAND ST
741		LELAND ST
737		LELAND ST
717		LELAND ST
709		LELAND ST
734		CRAWFORD ST
702		CRAWFORD ST
652		CRAWFORD ST
640		CRAWFORD ST
636		CRAWFORD ST
612		CRAWFORD ST
709		CRAWFORD ST
706		ALVORD AVE
643		ALVORD AVE
635		ALVORD AVE
631		ALVORD AVE
627		ALVORD AVE
619		ALVORD AVE
902		HURON ST
805		CLINTON ST
916		MAJOR ST
814		MAJOR ST
939		MAJOR ST
4618		BRUNSWICK AVE
4601		FENTON RD

Parcels listed here are from a GIS database developed from city records and other sources for the public portion of the water services.

Appendix A-9: Parcels with Lead Services - Ward 9	
4602	CAMDEN AVE
508	LELAND ST
521	CRAWFORD ST
3839	PENGELLY RD
523	HURON ST
4309	MILTON DR
4626	BRYANT ST
222	W OAKLEY ST
945	W ATHERTON RD
4211	FENTON RD
352	BUCKINGHAM AVE
313	LETA AVE
329	LETA AVE
4102	MENTON AVE
4124	MENTON AVE
4127	MENTON AVE
4226	CIRCLE DR
643	CRAWFORD ST
639	CRAWFORD ST
635	CRAWFORD ST
631	CRAWFORD ST
611	CRAWFORD ST
652	ALVORD AVE
644	ALVORD AVE
640	ALVORD AVE
636	ALVORD AVE
632	ALVORD AVE
628	ALVORD AVE
616	ALVORD AVE

Appendix A-10: Water Service Replacement Process for Pilot Program

1. Identify potential sites for service replacement.	Obtain concurrence from city and MDEQ
2. Contact property owner (if property is not owner occupied).	Review proposed service replacement work.
3. Meet with owner to secure written authorization.	
4. Contact resident (sometimes this is combined with Item 2).	Advise them of pilot replacement program. Schedule time for site inspection if acceptable.
5. Meet with resident (sometimes this is combined with Item 3).	Review proposed service replacement work. Secure written authorization work. Inspect plumbing at water meter. Perform video inspection of the sewer service.
6. Contractor contacts resident and schedules date / time for replacement work.	Work schedules, spring break, etc. affect scheduling. Weather conditions can require rescheduling. Other conditions encountered requiring re-scheduling: <ul style="list-style-type: none"> ▪ Service crossing neighboring property ▪ Special equipment needed ▪ Special materials needed
7. Provide updates to city and MDEQ regarding schedule and progress.	
8. Contractor calls MISS DIG for staking of existing underground utilities.	3 full working days
9. Contractor obtains permits for each individual site.	Plumbing permit \$140 Excavation permit \$30 Street cut permit \$2,200 Traffic permit \$0
10. Arrange for MDEQ water sampling – preconstruction.	
11. Provide notification to neighboring residents of work and potential impacts.	
12. Conduct video photo documentation of planned work area, both inside the house and outside, including the roadway.	
13. Contractor excavates at the curb stop to expose service pipe toward main and toward house.	Lead and galvanized pipes are replaced. Copper pipes are not replaced. Replacement of pipes is only up to the meter.
14. Contractor temporarily restores construction area.	Gravel in roads / driveways. Dirt in grass areas.
15. Contractor flushes water through hose bib, kitchen faucet, cleans / replaces faucet aerator, re-installs filter.	Contractor performs video inspection of sewer service following construction.
16. Provide for MDEQ water sampling – Post construction.	
17. Final restoration of pavements and turf completed when season allows.	

Appendix A-11: Comparison of Records with Conditions Encountered During Pilot

Site	Address	Material Encountered		Material per Records	Records Correct?	Unknown Material
		Public	Private			
1	2414 Pierce	Copper	Lead	Lead/Copper		
2	833 E. Wellington	Lead	Galvanized	Galvanized		
3	1810 Kansas	Lead	Galvanized	Galvanized		
4	2808 Mallery	Lead	Lead	Lead	Yes	
5	2305 Joliet	Lead	Galvanized	Galvanized		
6	2721 Begole	Lead	Copper	Lead	Yes	
7	617 McClellan	Lead	Galvanized	Galvanized		
8	2309 Leith	Copper	Galvanized	Galvanized		
9	214 E. Livingston	Lead	Galvanized	Galvanized		
10	1379 Washington	Lead	Copper	Unknown	Yes	Lead
11	3513 Clairmont	Lead	Lead	Galvanized		
12	3335 Westwood Parkway	Lead	Copper	Lead/Copper	Yes	
13	733 Clinton	Lead	Lead	Lead	Yes	
14	2326 Copeman	Lead	Lead	Lead	Yes	
15	632 Crawford	Copper	Lead	Lead		
16	2419 Welch	Lead	Copper	Lead	Yes	
17	2407 Welch	Lead	Copper	Lead	Yes	
18	3614 Wesley	Lead	Galvanized	Unknown	Yes	Lead
19	2332 Copeman	Lead	Lead	Lead	Yes	
20	1117 South Drive	Lead	Galv & Lead	Lead	Yes	
21	1626 Hughes	Lead	Copper	Lead/Copper	Yes	
22	1713 Arizona	Lead	Copper	Lead/Copper	Yes	
23	2041 Church St	Lead	Galvanized	Galvanized		
24	1026 Maxine	Lead	Copper	Copper		
25	1297 Kearsley Park Boulevard	Lead	Copper	Lead/Copper	Yes	
26	2513 Thomas	lead	Copper	Unknown	Yes	Lead
27	426 S Franklin	Lead	Lead	Lead	Yes	
28	610 Gracelawn Avenue	Lead	Copper	Unknown	Yes	
29	2508 Altoona	Lead	Copper	Lead/Copper	Yes	
30	1108 Lippincott	Lead	Galvanized	Galvanized	No	
31	2401 Welch	Lead	Copper	Unknown	Yes	Lead
32	2413 Welch	Lead	Copper	Unknown	Yes	Lead
33	1383 Washington	Lead	Copper	Unknown	Yes	Lead
34	2406 Pierce	Copper	Copper	Copper	Yes	
35	314 E. Genesee Street	Copper	Copper	Lead		
36	109 E. Austin	Copper	Copper	Copper	Yes	
Total					23	6

Summary:

1. Pilot replacement demonstrated that 23 of 36 records correctly showed the service material (public portion).
2. Pilot replacement demonstrated that 6 of 6 records shown as “unknown” were lead.