



The City of Flint and F&V Operations and Resource Management are submitting the following report(s) to Michigan Department of Environment, Great Lakes and Energy:

FLINT Lead Copper Report

Revised 2/20/2020

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons or persons who manage the system or those persons directly responsible for gathering such information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

City of Flint Representative: _____

Signature: _____ Date: _____

F&V Operations Representative: Robert Jones _____

Signature: [Handwritten Signature] Date: 2/20/2020



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER AND ENVIRONMENTAL HEALTH DIVISION

**LEAD AND COPPER REPORT AND
CONSUMER NOTICE FOR COMMUNITY WATER SUPPLY
FORM A – SUPPLIES WITH LEAD SERVICE LINES**

*Issued under authority of the Michigan Safe Drinking Water Act, 1976 PA 399,
as amended (Act 399), MCL 325.1001 et seq., and the Administrative Rules.*

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Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within ten days after the end of the monitoring period. This form may be used to meet this requirement. Form instructions are available on pages 8 - 10. Submit the information to the appropriate Michigan Department of Environment, Great Lakes, and Energy (EGLE) district office.

1. Supply Name: City of Flint
 2. County: Genesee 3. WSSN: 2310
 4. Population: 96448 5. Monitoring Period: From: 7/1/19 To: 12/31/19
 6. Minimum # of Samples Required: 60 7. # of Samples Taken: 123
 8. Name of Certified Laboratory: State of Michigan Lab

9. SAMPLE CRITERIA:

| Yes | | No | | |
|---|-------------------------------------|----|--|---|
| <input checked="" type="checkbox"/> | | | Are some or all samples from sites WITH lead service lines? If no sites served by a lead service line, STOP and use Form B. | For more information see <i>Instructions</i> item 11 "Tier and Sample Category" at the end of the document. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Did you prioritize sample collection according to the following: <ul style="list-style-type: none"> • Tier 1 sites must be used unless insufficient Tier 1 sites available. • If insufficient Tier 1 sites available, then Tier 2 sites must be used. • If insufficient Tier 2 sites, then Tier 3 sites must be used. • If no Tier 1, 2, or 3 sites are available, sites must be representative of plumbing materials typically found throughout the water system. | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | Were the same sampling sites used as in the previous monitoring period? If no, explain (attach additional pages if needed): Lead lines are being replaced as they are identified. | |
| Comments: Revision: 1627 Dakota was confirmed lead and replaced on 12/20/2019 | | | | |

10. SIGNATURE:

Name: Robert Jones Signature: Electronically Submitted

Title: Contract OIC Phone: 8102209441 Date: 2/19/20
 EGLE Environmental Assistance Center Michigan.gov/EGLE
 Telephone: 1-800-662-9278 Page 1 EQP5942a Rev. 5/2019



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11. TAP SAMPLING DATA

Use additional sheets as needed. Sheet _____ of _____.

Water Supply Name: City of Flint

WSSN: 2310

| Sample Location | Sample Date | Tier (1,2,3,OT) 1 | Category (see below) ² | Building Plumbing (L,C,G,P) ³ | Service Line (L*,C,G,P) ³ | Tap Type (K,B) ⁴ | 1 st Liter Sample | | | 5 th Liter Sample | | |
|---------------------|-------------|-------------------------|---|--|--|-----------------------------------|---|---|-------------------------|---|---|-------------------------|
| | | | | | | | Lead <input checked="" type="checkbox"/> mg/L <input type="checkbox"/> ug/L | Copper <input checked="" type="checkbox"/> mg/L <input type="checkbox"/> ug/L | Lab Sample Number | Lead <input checked="" type="checkbox"/> mg/L <input type="checkbox"/> ug/L | Copper <input checked="" type="checkbox"/> mg/L <input type="checkbox"/> ug/L | Lab Sample Number |
| 3325 Westwood Pkwy | 7/17/19 | --- | --- | | C | k | ND | .110 | L152023 | ND | .080 | L152024 |
| 2630 Westwood Pkwy | 7/18/19 | 1 | A | | L | k | .001 | .050 | L152039 | ND | ND | L152040 |
| 505 E Atherton | 7/20/19 | --- | --- | | C | b | ND | ND | L152037 | ND | ND | L152038 |
| 1201 W Atherton | 7/17/19 | 1 | A | | L | k | ND | ND | L152035 | ND | ND | L152036 |
| 2660 Westwood Pkwy | 7/18/19 | 1 | A | | L | k | .070 | .002 | L152033 | .001 | .080 | L152034 |
| 730 W Atherton | 7/22/19 | 1 | A | | L | k | .003 | ND | L152031 | .001 | ND | L152032 |
| 2615 Westwood Pkwy | 7/20/19 | 1 | A | | L | k | ND | .060 | L152029 | ND | ND | L152030 |
| 3211 Westwood Pkwy | 7/18/19 | 1 | A | | L | k | .002 | .060 | L152027 | .002 | ND | L152028 |
| 3420 Westwood Pkwy | 7/18/19 | --- | --- | | C | k | ND | .090 | L152025 | ND | .060 | L152026 |
| 2222 N Franklin | 7/10/19 | 1 | A | | L | k | ND | .070 | L150791 | ND | ND | L150790 |
| 1322 W Atherton | 7/17/19 | 1 | A | | L | k | .010 | ND | L150778 | .001 | ND | L150779 |
| 1627 Euclid | 7/11/19 | 1 | A | | L | k | ND | ND | L150788 | ND | ND | L150789 |
| 1607 Euclid | 7/12/19 | 1 | A | | L | k | ND | ND | L150776 | ND | ND | L150777 |
| 953 W Atherton | 7/17/19 | 1 | A | | L | k | .002 | ND | L150786 | .001 | ND | L150787 |
| 1641 Euclid | 7/11/19 | 1 | A | | L | b | ND | ND | L150784 | ND | ND | L150785 |
| 1317 Mackin | 7/11/19 | 1 | A | | L | k | .002 | ND | L150774 | ND | ND | L150775 |
| 1620 W Atherton | 7/17/19 | --- | --- | | C | k | .002 | ND | L150783 | ND | ND | L150782 |
| 1510 N Franklin Ave | 7/9/19 | 1 | A | | L | k | ND | ND | L150780 | ND | ND | L150781 |
| 1665 Euclid | 7/11/19 | 1 | A | | L | k | ND | .080 | L150768 | ND | ND | L150769 |
| 2601 Franklin | 7/11/19 | 1 | A | | L | b | ND | ND | L150772 | ND | ND | L150773 |



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| | | | | | | | | | | | | |
|----------------------------|---------|-----|-----|--|---|---|------|------|---------|------|------|---------|
| 1409 Caldwell | 7/12/19 | --- | --- | | C | k | .006 | .050 | L150771 | .007 | .050 | L150770 |
| 1505 N Franklin | 7/12/19 | 1 | A | | L | k | ND | ND | L150766 | ND | ND | L150767 |
| 311 W Fourth Ave | 7/28/19 | 1 | A | | L | k | .001 | .050 | L153367 | .001 | ND | L153366 |
| 415 W Fourth Ave | 7/28/19 | 1 | A | | L | k | ND | ND | L153375 | ND | ND | L153374 |
| 432 Buckingham | 7/19/19 | 1 | A | | L | k | ND | ND | L153383 | ND | ND | L153382 |
| 601 Asylum | 7/30/19 | 1 | A | | L | k | ND | ND | L153378 | ND | ND | L153379 |
| 643 Lincoln | 7/22/19 | --- | --- | | C | k | ND | ND | L153364 | ND | ND | L153365 |
| 750 Crawford | 7/26/19 | 1 | A | | L | k | .001 | ND | L153377 | .001 | ND | L153376 |
| 916 Woodside | 7/24/19 | 1 | A | | L | k | .002 | ND | L153361 | .002 | ND | L153360 |
| 933 W Atherton | 7/26/19 | 1 | A | | L | k | ND | ND | L153362 | ND | ND | L153363 |
| 1001 Woodside | 7/23/19 | 1 | A | | L | k | .023 | ND | L153371 | .012 | ND | L153370 |
| 1115 W 2 nd St | 7/30/19 | 1 | A | | L | k | ND | ND | L153373 | ND | ND | L153372 |
| 1319 W 2 nd St | 7/29/19 | 1 | A | | L | k | ND | ND | L153369 | ND | ND | L153368 |
| 1505 W 2 nd St | 7/29/19 | 1 | A | | L | k | ND | ND | L153381 | .001 | ND | L153380 |
| 2521 Woodrow Ave | 8/30/19 | --- | --- | | C | k | ND | ND | L161732 | ND | ND | L161733 |
| 1038 W 12 th St | 8/30/19 | 1 | A | | L | k | ND | ND | L161728 | ND | ND | L161729 |
| 2102 Thom St | 8/31/19 | --- | --- | | C | k | ND | ND | L161742 | ND | ND | L161743 |
| 742 Lincoln | 8/28/19 | --- | --- | | C | k | ND | ND | L161740 | ND | ND | L161741 |
| 2418 Dakota | 8/31/19 | --- | --- | | C | k | ND | ND | L161730 | ND | ND | L161731 |
| 1718 Levern | 8/31/19 | --- | --- | | C | k | ND | ND | L161744 | ND | ND | L161745 |
| 2518 N Vernon | 8/31/19 | --- | --- | | C | k | ND | ND | L161734 | ND | ND | L161735 |
| 2405 Maryland | 8/31/19 | --- | --- | | C | k | ND | ND | L161736 | ND | ND | L161737 |



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|--------------------|---------|-----|-----|--|---|---|------|----|---------|------|----|---------|
| 714 Leland | 8/29/19 | --- | --- | | C | k | ND | ND | L161738 | ND | ND | L161739 |
| 2301 Kansas | 9/6/19 | --- | --- | | C | b | ND | ND | L163606 | ND | ND | L163607 |
| 618 W Ruth Ave | 9/5/19 | --- | --- | | C | b | ND | ND | L163604 | ND | ND | L163605 |
| 2928 Oklahoma | 9/5/19 | --- | --- | | C | k | ND | ND | L163578 | ND | ND | L163579 |
| 1918 M L King | 9/5/19 | | | | | k | .003 | ND | L163598 | .004 | ND | L163599 |
| 1207 Caldwell | 9/5/19 | | | | | k | ND | ND | L163600 | ND | ND | L163601 |
| 653 Victoria | 9/5/19 | --- | --- | | C | k | ND | ND | L163584 | ND | ND | L163585 |
| 2912 Oklahoma | 9/5/19 | --- | --- | | C | k | ND | ND | L163574 | ND | ND | L163575 |
| 125 W Stewart | 9/5/19 | --- | --- | | C | k | ND | ND | L163576 | ND | ND | L163577 |
| 517 McKeighan Ave | 9/7/19 | 1 | A | | L | k | ND | ND | L163582 | ND | ND | L163583 |
| 622 Ruth | 9/6/19 | --- | --- | | C | k | ND | ND | L163592 | ND | ND | L163593 |
| 2815 N Averill | 9/6/19 | --- | --- | | C | k | ND | ND | L163602 | ND | ND | L163603 |
| 715 Victoria | 9/4/19 | --- | --- | | C | k | ND | ND | L163594 | ND | ND | L163595 |
| 6902 Clio Rd | 9/5/19 | --- | --- | | C | k | ND | ND | L163596 | ND | ND | L163597 |
| 2022 Burr Blvd | 9/10/19 | --- | --- | | C | k | ND | ND | L163586 | ND | ND | L163587 |
| 905 Buckingham Ave | 9/10/19 | --- | --- | | C | k | ND | ND | L163590 | ND | ND | L163591 |
| 2057 Chelan | 9/10/19 | --- | --- | | C | k | ND | ND | L163588 | ND | ND | L163589 |
| 2048 Chelan | 9/10/19 | | | | | k | ND | ND | L163580 | ND | ND | L163581 |
| 2509 Brunswick | 9/10/19 | --- | --- | | C | k | ND | ND | L163616 | ND | ND | L163617 |
| 4426 Red Arrow | 9/10/19 | --- | --- | | C | k | ND | ND | L163608 | ND | ND | L163609 |
| 1706 Levern | 9/10/19 | --- | --- | | C | k | ND | ND | L163618 | ND | ND | L163619 |
| 2055 Seymour | 9/10/19 | --- | --- | | C | k | ND | ND | L163612 | ND | ND | L163613 |



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|----------------------------|----------|-----|-----|--|---|---|------|------|---------|------|-----|---------|
| 714 Neubert | 9/11/19 | --- | --- | | C | k | ND | ND | L163610 | ND | ND | L163611 |
| 1418 Waldman | 9/11/19 | --- | --- | | C | k | ND | ND | L163620 | ND | ND | L163621 |
| 4229 Pengelly | 9/11/19 | | | | | k | ND | ND | L163622 | ND | ND | L163623 |
| 221 Browning | 9/10/19 | --- | --- | | C | k | ND | ND | L163614 | ND | ND | L163615 |
| 2033 Hoff | 9/13/19 | --- | --- | | C | k | ND | ND | L165355 | ND | ND | L165356 |
| 1313 McIntosh | 9/13/19 | --- | --- | | C | k | ND | .06 | L165357 | ND | .05 | L165358 |
| 1408 Earlmoor | 9/12/19 | --- | --- | | C | k | ND | ND | L165359 | ND | ND | L165360 |
| 3914 Tuxedo | 9/13/19 | --- | --- | | C | k | ND | ND | L165350 | ND | ND | L165349 |
| 2914 N Dexter | 9/11/19 | --- | --- | | C | k | ND | ND | L165353 | ND | ND | L165354 |
| 2262 Nolen | 9/12/19 | --- | --- | | C | k | ND | ND | L165363 | ND | ND | L165364 |
| 1238 Vincent | 9/13/19 | --- | --- | | C | k | .001 | ND | L165351 | ND | ND | L165352 |
| 1412 Kirk | 9/13/19 | --- | --- | | C | k | ND | ND | L165365 | ND | ND | L165366 |
| 1025 W 12 th St | 9/13/19 | 1 | A | | L | k | .004 | .37 | L165361 | .007 | .05 | L165362 |
| 1602 Calumet | 11/27/19 | --- | --- | | C | K | .002 | ND | L181385 | .005 | ND | L181386 |
| 1927 Colon St | 12/3/19 | --- | --- | | C | b | ND | ND | L181403 | ND | ND | L181404 |
| 2001 Calumet | 11/27/19 | --- | --- | | C | k | ND | ND | L181393 | ND | ND | L181394 |
| 2413 Calumet | 11/30/19 | --- | --- | | C | k | ND | ND | L181383 | ND | ND | L181384 |
| 2007 Calumet | 11/27/19 | --- | --- | | C | b | .001 | ND | L181389 | ND | ND | L181390 |
| 2013 Calumet | 11/29/19 | --- | --- | | C | b | ND | .060 | L181391 | ND | ND | L181392 |
| 501 Dell | 12/04/19 | 1 | A | | L | k | ND | ND | L181401 | ND | ND | L181402 |
| 2307 Calumet | 12/2/19 | --- | --- | | C | K | ND | ND | L181399 | ND | ND | L181400 |
| 632 Alvord | 12/2/19 | --- | --- | | C | k | ND | ND | L181395 | ND | ND | L181396 |



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|-----------------------|----------|-----|-----|--|---|---|------|------|---------|------|------|---------|
| 1627 Dakota | 12/3/19 | 1 | A | | L | k | ND | ND | L181387 | ND | ND | L181388 |
| 919 Lexington | 12/3/19 | --- | --- | | C | k | ND | ND | L181397 | ND | ND | L181398 |
| 1432 Dakota | 12/3/19 | --- | --- | | G | k | ND | ND | L181381 | ND | ND | L181382 |
| 3911 Buick | 12/9/19 | 1 | A | | L | k | ND | ND | L183054 | ND | ND | L183055 |
| 905 E McClellan St | 12/9/19 | 1 | A | | L | k | ND | ND | L183046 | .001 | ND | L183047 |
| 629 Lochhead | 12/10/19 | 1 | A | | L | k | .004 | ND | L183048 | .003 | ND | L183049 |
| 2626 Brown | 12/13/19 | 1 | A | | L | k | .022 | ND | L183052 | .002 | ND | L183053 |
| 1539 Kearsley Pk Blvd | 12/6/19 | 1 | A | | L | k | ND | ND | L183056 | ND | ND | L183057 |
| 113 Linsey | 12/8/19 | 1 | A | | L | k | .001 | ND | L183060 | .004 | ND | L183061 |
| 217 Linsey | 12/6/19 | 1 | A | | L | b | ND | ND | L183050 | ND | ND | L183051 |
| 133 E Baker | 12/10/19 | 1 | A | | L | k | ND | ND | L183058 | ND | ND | L183059 |
| 437 E Dartmouth | 12/10/19 | --- | --- | | C | k | ND | ND | L183034 | ND | ND | L183035 |
| 1610 Forest Hill | 12/10/19 | 1 | A | | L | k | ND | ND | L183036 | ND | ND | L183037 |
| 526 Hurley St | 12/10/19 | --- | --- | | G | k | ND | .080 | L183038 | .066 | .180 | L183039 |
| 530 Hurley St | 12/10/19 | 1 | A | | L | k | ND | ND | L183044 | .002 | ND | L183045 |
| 401 W Baker | 12/10/19 | --- | --- | | C | k | ND | ND | L183040 | ND | ND | L183041 |
| 417 W Dayton St | 12/10/19 | --- | --- | | C | k | .177 | .080 | L183042 | .003 | ND | L183043 |
| 1301 Lapeer Rd | 12/14/19 | --- | --- | | C | k | ND | ND | L184893 | ND | ND | L184894 |
| 2465 W Court | 12/17/19 | | | | | k | ND | ND | L184891 | ND | ND | L184892 |
| 3434 Brewster | 12/10/19 | --- | --- | | C | k | ND | .120 | L184895 | ND | ND | L184896 |
| 836 Victoria | 12/11/19 | 1 | A | | L | k | .001 | ND | L184885 | ND | ND | L184886 |
| 1710 Knapp | 12/14/19 | --- | --- | | C | b | .001 | ND | L184903 | .002 | ND | L184904 |



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|-----------------|----------|-----|-----|--|---|---|------|------|---------|------|------|---------|
| 729 E Lorado | 12/14/19 | --- | --- | | C | b | ND | ND | L184905 | ND | .060 | L184906 |
| 2704 Corunna | 12/12/19 | 1 | A | | L | k | ND | ND | L184901 | ND | ND | L184902 |
| 2529 Corunna | 12/11/19 | | | | | k | ND | .050 | L184887 | ND | ND | L184888 |
| 134 W Witherbee | 12/12/19 | 1 | A | | L | b | ND | ND | L184889 | ND | ND | L184890 |
| 1918 Montclair | 12/09/19 | --- | --- | | C | k | .005 | ND | L184899 | .002 | ND | L184900 |
| 2017 Prospect | 12/11/19 | 1 | A | | L | k | ND | ND | L184897 | ND | ND | L184898 |
| 2505 Corunna | 12/17/19 | | | | | k | ND | ND | L185534 | ND | ND | L185535 |
| 4214 Circle Dr | 12/13/19 | 1 | A | | L | b | ND | ND | L185532 | ND | ND | L185533 |
| 1809 E Court St | 12/20/19 | 1 | A | | L | k | ND | ND | L185528 | ND | ND | L185529 |
| 319 W First | 12/19/19 | --- | --- | | C | b | .001 | ND | L185530 | .090 | ND | L185531 |
| 720 Waldman | 12/16/19 | --- | --- | | C | k | ND | ND | L185538 | ND | ND | L185539 |
| 2234 Milbourne | 12/23/19 | --- | --- | | C | k | ND | ND | L185536 | ND | ND | L185537 |
| 2314 Mountain | 12/28/19 | --- | --- | | C | k | ND | ND | L187480 | ND | ND | L187481 |
| 1113 W Atherton | 12/27/19 | | | | | k | ND | ND | L187482 | .002 | .060 | L187486 |
| 1910 montclair | 12/26/19 | --- | --- | | C | b | ND | ND | L186103 | ND | ND | L186104 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
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