



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:

EWD M week ending 1/8/2020

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*"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:  \_\_\_\_\_ Date: 1/8/2020



## WEEKLY ENHANCED WATER QUALITY PARAMETER MONITORING

| SAMPLE POINT IDENTIFICATION    |  |             |      | PARAMETERS AND RESULTS |            |         |  |                                  |                                    |                 |             |                                  |              |                                   | **PRIOR WEEK RESULTS |                |
|--------------------------------|--|-------------|------|------------------------|------------|---------|--|----------------------------------|------------------------------------|-----------------|-------------|----------------------------------|--------------|-----------------------------------|----------------------|----------------|
| Distribution System Location # | Sample Point Name & Address                      | Sample date | Tech | Temp. (°C)             | Cond. (mS) | pH (su) | Total Alkalinity (mg/L CaCO <sub>3</sub> ) | Calcium (mg/L Ca <sup>2+</sup> ) | Hardness (mg/L CaCO <sub>3</sub> ) | Turbidity (NTU) | Iron (mg/L) | Chloride (mg/L Cl <sup>-</sup> ) | Sulfate mg/L | Phosphate (mg/L PO <sub>4</sub> ) | Sample date          | Lead (µg/L Pb) |
| #14 (1)                        | Admiral Gas Station<br>3802 Davison Rd.          | 1/8/2020    | bp   | 9.7                    | 0.23       | 7.65    | 82   | 28.1                             | 98                                 | 0.053           | 0.02        | 16                               | 16           | 3.54                              | 12/31/19             | ND             |
| #16 (2)                        | Rite - Aid<br>2838 E Court St                    | 1/3/2020    | bp   | 8.6                    | 0.23       | 7.82    | 86   | 28.1                             | 104                                | 0.063           | 0.02        | 14                               | 14           | 3.36                              | 12/27/19             | ND             |
| #16 (2)                        | Rite - Aid<br>2838 E Court St                    | 1/8/2020    | bp   | 8.1                    | 0.23       | 7.59    | 84   | 26.5                             | 100                                | 0.069           | 0.02        | 15                               | 16           | 3.56                              | *                    |                |
| #17 (3)                        | Liquor Palace<br>3302 S. Dort Hwy                | 1/3/2020    | bp   | 9.1                    | 0.23       | 7.71    | 86   | 27.3                             | 102                                | 0.196           | 0.02        | 14                               | 16           | 3.57                              | 12/27/19             | ND             |
| #17 (3)                        | Liquor Palace<br>3302 S. Dort Hwy                | 1/8/2020    | bp   | 8.0                    | 0.23       | 7.38    | 86   | 27.3                             | 96                                 | 0.112           | 0.01        | 14                               | 17           | 3.70                              | *                    |                |
| #4                             | Rite - Aid<br>3608 Corunna Rd.                   | 1/2/2020    | bp   | 9.0                    | 0.23       | 7.49    | 86   | 28.1                             | 102                                | 0.085           | 0.01        | 15                               | 17           | 3.42                              | 12/26/19             | ND             |
| #4                             | Rite - Aid<br>3608 Corunna Rd.                   | 1/6/2020    | bp   | 9.1                    | 0.23       | 7.35    | 84   | 28.1                             | 104                                | 0.163           | 0.03        | 15                               | 18           | 3.56                              | *                    |                |
| #1 (5)                         | University Market<br>1089 Chevrolet Ave.         | 1/2/2020    | bp   | 8.6                    | 0.23       | 7.79    | 86   | 27.3                             | 104                                | 0.098           | 0.01        | 15                               | 15           | 3.48                              | 12/26/19             | ND             |
| #1 (5)                         | University Market<br>1089 Chevrolet Ave.         | 1/6/2020    | bp   | 8.6                    | 0.23       | 7.49    | 82   | 27.3                             | 100                                | 0.129           | 0.02        | 15                               | 16           | 3.53                              | *                    |                |
| #19 (6)                        | Neighborhood Engagement<br>Hub<br>3216 MLK Blvd. | 1/3/2020    | bp   | 10.6                   | 0.23       | 7.71    | 86   | 28.1                             | 102                                | 0.084           | 0.03        | 15                               | 19           | 3.33                              |                      |                |
| #19 (6)                        | Neighborhood Engagement<br>Hub<br>3216 MLK Blvd. | 1/8/2020    | bp   | 9.1                    | 0.23       | 7.55    | 84   | 28.1                             | 100                                | 0.065           | 0.03        | 15                               | 16           | 3.50                              | *                    |                |
| #8 (7)                         | Rite-Aid<br>5016 Clio Rd. 48504                  | 1/7/2020    | bp   | 11.4                   | 0.23       | 7.69    | 84   | 27.3                             | 102                                | 0.082           | 0.01        | 14                               | 17           | 3.50                              | 12/31/19             | ND             |
| #8                             | N. Flint Automotive<br>6204 N. Saginaw St.       | 1/7/2020    | bp   | 11.2                   | 0.23       | 7.65    | 84   | 27.3                             | 100                                | 0.06            | 0.03        | 14                               | 17           | 3.50                              | 12/31/19             | ND             |
| CSII                           | Control Station #2<br>4500 N. Dort Hwy.          | 1/7/2020    | bp   | 9.1                    | 0.21       | 7.42    | 80   | 27.3                             | 104                                | 0.103           | 0.03        | 14                               | 16           | 1.24                              | 12/31/19             | ND             |
| #5 (CS)                        | Cedar Street Reservoir<br>& Pump Station         | 1/2/2020    | bp   | 8.2                    | 0.23       | 7.51    | 84   | 28.1                             | 98                                 | 0.139           | 0.02        | 15                               | 16           | 3.56                              | 12/26/19             | ND             |
| #5 (CS)                        | Cedar Street Reservoir<br>& Pump Station         | 1/6/2020    | bp   | 9.2                    | 0.23       | 7.32    | 82   | 26.5                             | 102                                | 0.117           | 0.02        | 14                               | 15           | 3.58                              | *                    |                |
| #11                            | Westside Reservoir<br>1416 Dupont St             | 1/7/2020    | bp   | 10.8                   | 0.23       | 7.87    | 84   | 25.7                             | 100                                | 0.118           | 0.04        | 15                               | 16           | 3.38                              | 12/31/19             | ND             |

\*\*most current Pb results