MONTHLY OPERATION REPORT
OF
WATER TREATMENT PLANT
For Month of June 2017

Flint Water Plant
NAME OF WATER SYSTEM

2310
WSSN

Genesee
COUNTY

Robert Jones
CERTIFIED OPERATOR

D-1
CLASSIFICATION

SIGNATURE OF APPROPRIATE OFFICIAL

TREATMENT RATE AND FILTER DATA

1. Treatment Rate, Maximum 14.40 Million Gallons Per Day
2. Treatment Rate, Approved Rated Plant Capacity 36 Million Gallons per Day
3. Average Filter Run N/A Hours, Average Head Loss N/A Feet
4. Average Filtration Rate N/A Gallons per Square Ft. per Minute
5. Maximum Filtration Rate N/A Gallons per Square Ft. per Minute
6. Average Wash Water Use N/A percent of Treated Water

CHEMICAL DATA

7. Sodium Hypochlorite on hand at CS2 6487 gal.: Estimated supply 90 days
8. Sodium Hypochlorite on hand at outstations 550 gal: Estimated supply 68 days
9. Phosphoric Acid on hand 1981 gal.: Estimated supply 31 days
9. Sodium Hydroxide on hand 1991 gal.: Estimated supply 27 days

Remarks:

Submit to: MDEQ - Office of Drinking Water & Municipal Assistance
LANSING DISTRICT OFFICE
525 West Allegan Street, 1st Floor South
(Constitution Hall)
PO Box 30242
Lansing, MI 48909-7742

Failure to complete this form is a violation of Act 399, P.A. 1976 and is subject to penalties as outlined in the Act.
## Table: Phosphate and Caustic Soda Levels

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Monthly Cl₂ Avg. 1.29

Total Samples 143
| DATE | 1  | 2  | 3  | 4  | CS | 6  | 7  | 8  | 9  | 10 | WR* | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Number of Samples |
|------|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------------|
| 1    | 1.47 | 1.79 | 1.74 | 1.80 |     |     |     |     |     |     | 1.33 |     |     |     |     |     |     |     |     |     |     |     |     |     | 6             |
| 2    | 1.39 | 1.38 | 1.57 | 1.58 |     |     |     |     |     |     | 1.57 |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.44 | 6          |
| 3    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 0          |
| 4    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 7          |
| 5    | 1.39 | 1.38 | 1.61 | 1.60 | 1.83 | 1.33 |     |     |     | 1.22 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.18 | 7          |
| 6    |     | 1.51 | 1.79 | 1.22 | 1.76 | 1.64 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 6          |
| 7    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 7          |
| 8    |     | 1.51 | 1.38 |     |     | 1.71 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.42 | 6          |
| 9    |     |     |     |     | 1.13 | 1.60 | 1.22 | 1.72 | 1.69 | 1.25 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.46 | 7          |
| 10   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 0          |
| 11   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 0          |
| 12   | 1.45 | 1.48 | 1.71 | 1.61 | 1.55 | 1.41 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.03 | 7          |
| 13   |     |     |     |     |     |     | 1.50 | 1.74 | 1.66 | 1.78 | 1.57 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.43 | 6          |
| 14   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.43 | 6          |
| 15   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.32 | 7          |
| 16   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 0.92 | 6          |
| 17   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.62 | 6          |
| 18   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.62 | 6          |
| 19   | 1.38 | 1.32 | 1.50 | 1.51 | 1.46 | 1.22 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 0.93 | 7          |
| 20   |     |     |     |     |     |     | 1.48 | 1.80 | 1.23 | 1.73 | 1.69 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.20 | 6          |
| 21   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.95 | 7          |
| 22   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.40 | 5          |
| 23   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.57 | 7          |
| 24   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.15 | 7          |
| 25   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.15 | 7          |
| 26   | 1.45 | 1.32 | 1.55 | 1.51 | 1.81 | 0.92 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.40 | 7          |
| 27   |     |     |     |     |     |     | 1.33 | 1.76 | 1.34 | 1.72 | 1.86 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.45 | 6          |
| 28   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.50 | 7          |
| 29   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.53 | 6          |
| 30   | 1.41 | 1.28 | 1.50 | 1.52 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1.17 | 7          |

**Monthly Cl₂ Avg.** | 1.47

**Total Samples** | 143
### ROUTINE POSITIVE DISTRIBUTION SAMPLES

**Jun-17**

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**Total number of positive routine samples:**

**Total number of routine distribution samples analyzed:** 143

**Total number of routine distribution samples required:** 100

**Chlorine Residual (mg/L):**