



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R6 / 3-04)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Flora Water Plant PWSID Number 5208003

For the Month of June, 2024 IDEM Field Rep. Ms. Lily Alexander

Signed [Signature] Title Water Superintendent

I certify **under penalty of law** by this signature that this document was prepared by me or under my direction and the information submitted is to the best of my knowledge and belief, true, accurate, and complete. **I am also aware that there are significant penalties for submitting false information.**

Certification Number WT150072

PHYSICAL AND CHEMICAL DATA*

| Date | Turbidity | | Alkalinity | | pH | | Hardness | | Iron | | Manganese | | Phosphate | Fluoride | |
|------|-----------|----------|------------|----------|-------|----------|----------|----------|-------|----------|-----------|----------|-----------|----------|-------|
| | Raw | Finished | Raw | Finished | Raw | Finished | Raw | Finished | Raw | Finished | Raw | Finished | Finished | Finished | |
| 1 | 18.200 | 0.000 | | | 7.500 | 7.600 | | | 2.620 | 0.012 | 0.240 | 0.040 | 0.840 | 0.802 | 1.000 |
| 2 | 27.700 | 0.110 | | | 7.500 | 7.600 | | | 2.460 | 0.063 | 0.226 | 0.018 | 0.660 | 0.700 | 1.000 |
| 3 | 19.700 | 0.140 | | | 7.500 | 7.600 | | | 3.190 | 0.087 | 0.224 | 0.224 | 0.860 | 0.705 | 1.000 |
| 4 | 19.300 | 0.350 | | | 7.600 | 7.600 | | | 3.270 | 0.077 | 0.244 | 0.015 | 0.740 | 0.761 | 1.000 |
| 5 | 23.900 | 0.000 | | | 7.500 | 7.500 | | | 3.240 | 0.021 | 0.239 | 0.007 | 1.050 | 0.926 | 1.000 |
| 6 | 22.900 | 0.570 | | | 7.500 | 7.500 | | | 3.240 | 0.014 | 0.233 | 0.009 | 1.040 | 0.899 | 0.500 |
| 7 | 23.300 | 0.510 | | | 7.600 | 7.600 | | | 3.270 | 0.020 | 0.201 | 0.023 | 1.020 | 0.890 | 0.500 |
| 8 | 21.300 | 0.130 | | | 7.400 | 7.400 | | | 3.920 | 0.019 | 0.198 | 0.040 | 0.820 | 0.933 | 0.500 |
| 9 | 19.900 | 0.410 | | | 7.500 | 7.500 | | | 3.740 | 0.036 | 0.190 | 0.054 | 0.810 | 0.736 | 0.500 |
| 10 | 19.900 | 0.520 | | | 7.500 | 7.600 | | | 2.730 | 0.033 | 0.209 | 0.008 | 1.050 | 0.897 | 0.500 |
| 11 | 15.300 | 0.000 | | | 7.500 | 7.600 | | | 2.490 | 0.012 | 0.204 | 0.020 | 0.890 | 0.700 | 1.500 |
| 12 | 18.400 | 0.260 | | | 7.500 | 7.500 | | | 2.570 | 0.007 | 0.199 | 0.006 | 1.190 | 0.999 | 1.000 |
| 13 | 18.700 | 0.550 | | | 7.600 | 7.600 | | | 2.530 | 0.003 | 0.211 | 0.008 | 1.380 | 0.956 | 0.500 |
| 14 | 18.300 | 0.370 | | | 7.600 | 7.600 | | | 2.510 | 0.005 | 0.216 | 0.019 | 0.920 | 0.844 | 0.500 |
| 15 | 17.900 | 0.510 | | | 7.500 | 7.600 | | | 2.560 | 0.011 | 0.195 | 0.005 | 0.970 | 0.894 | 0.500 |
| 16 | 16.300 | 0.090 | | | 7.600 | 7.700 | | | 2.500 | 0.038 | 0.197 | 0.019 | 1.330 | 0.700 | 1.000 |
| 17 | 19.300 | 0.000 | | | 7.600 | 7.600 | | | 2.670 | 0.016 | 0.208 | 0.015 | 1.090 | 0.907 | 0.500 |
| 18 | 17.700 | 0.090 | | | 7.600 | 7.600 | | | 2.510 | 0.005 | 0.188 | 0.000 | 0.930 | 0.943 | 1.500 |
| 19 | 18.100 | 0.500 | | | 7.500 | 7.600 | | | 2.510 | 0.009 | 0.192 | 0.050 | 1.220 | 0.877 | 0.500 |
| 20 | 17.700 | 0.080 | | | 7.500 | 7.600 | | | 2.480 | 0.002 | 0.186 | 0.020 | 1.110 | 0.811 | 0.500 |
| 21 | 17.800 | 0.430 | | | 7.500 | 7.600 | | | 2.470 | 0.008 | 0.183 | 0.025 | 0.870 | 0.728 | 1.000 |
| 22 | 20.300 | 0.390 | | | 7.500 | 7.500 | | | 2.560 | 0.014 | 0.236 | 0.060 | 0.860 | 0.828 | 0.500 |
| 23 | 20.100 | 0.790 | | | 7.600 | 7.500 | | | 2.480 | 0.028 | 0.209 | 0.067 | 0.810 | 0.810 | 0.500 |
| 24 | 18.700 | 0.000 | | | 7.500 | 7.600 | | | 2.560 | 0.007 | 0.203 | 0.013 | 1.220 | 0.781 | 0.500 |
| 25 | 16.600 | 0.040 | | | 7.500 | 7.600 | | | 2.490 | 0.014 | 0.201 | 0.009 | 0.770 | 0.766 | 1.000 |
| 26 | 21.400 | 0.330 | | | 7.600 | 7.600 | | | 2.550 | 0.000 | 0.239 | 0.059 | 0.860 | 0.858 | 0.500 |
| 27 | 12.800 | 0.950 | | | 7.600 | 7.600 | | | 1.990 | 0.000 | 0.181 | 0.078 | 0.840 | 0.700 | 0.500 |
| 28 | 18.400 | 0.040 | | | 7.500 | 7.600 | | | 2.580 | 0.000 | 0.225 | 0.025 | 1.070 | 1.040 | 0.500 |
| 29 | 14.500 | 0.220 | | | 7.500 | 7.500 | | | 2.250 | 0.018 | 0.180 | 0.015 | 1.390 | 0.700 | 0.500 |
| 30 | 15.100 | 0.490 | | | 7.700 | 7.500 | | | 2.560 | 0.018 | 0.227 | 0.039 | 0.860 | 0.802 | 0.500 |
| 31 | | | | | | | | | | | | | | | |

*All parameters are to be expressed in mg/l except pH and turbidity
DUE BY THE 10TH OF THE MONTH FOLLOWING THE REPORTING PERIOD.

| Date | Water Treated | Chemicals Used -- Pounds | | | | | | | | Filters | | Chlorine Residual | | | | Remarks | |
|------|---------------|--------------------------|------|------|----------|--------|----------|----------|-----------|--------------------|-------------------------|-------------------|-------|-------|-------|---|--|
| | | Salt | Alum | Lime | Soda Ash | Carbon | Chlorine | Fluoride | Phosphate | Filter Run (hours) | Gallons per wash x 1000 | Plant Tap | | D.S. | | | |
| | | | | | | | | | | | | Free | Total | Free | Total | | |
| 1 | 124975000.0 | | | | | | 34.000 | 4.000 | 1.000 | 6.300 | | 0.650 | 0.720 | 0.340 | 0.470 | | |
| 2 | 183500000.0 | | | | | | 53.000 | 5.000 | 1.000 | 9.600 | | 0.730 | 0.860 | 0.530 | 0.660 | | |
| 3 | 191100000.0 | | | | | | 70.000 | 4.000 | 1.000 | 11.000 | 15.2 | 0.800 | 1.120 | 0.380 | 0.480 | | |
| 4 | 129950000.0 | | | | | | 48.000 | 4.000 | 1.000 | 6.700 | | 7.400 | 1.060 | 0.740 | 0.950 | | |
| 5 | 170400000.0 | | | | | | 60.000 | 6.000 | 1.000 | 9.200 | 15.2 | 0.820 | 1.100 | 0.430 | 0.520 | | |
| 6 | 144250000.0 | | | | | | 53.000 | 6.000 | 0.500 | 7.700 | | 0.770 | 1.110 | 0.450 | 0.560 | | |
| 7 | 141525000.0 | | | | | | 50.000 | 5.000 | 0.500 | 9.000 | 15.2 | 0.780 | 1.070 | 0.260 | 0.390 | | |
| 8 | 147875000.0 | | | | | | 54.000 | 6.000 | 0.500 | 8.400 | | 0.890 | 1.060 | 0.230 | 0.310 | | |
| 9 | 168600000.0 | | | | | | 62.000 | 5.000 | 0.500 | 8.900 | | 0.680 | 1.060 | 0.220 | 0.290 | | |
| 10 | 152100000.0 | | | | | | 39.000 | 5.000 | 0.500 | 8.300 | 15.2 | 0.740 | 0.910 | 0.400 | 0.510 | | |
| 11 | 208200000.0 | | | | | | 59.000 | 8.000 | 1.500 | 11.500 | | 0.750 | 0.960 | 0.330 | 0.450 | | |
| 12 | 165100000.0 | | | | | | 48.000 | 5.000 | 1.000 | 8.700 | 15.3 | 0.770 | 1.110 | 0.670 | 0.730 | | |
| 13 | 164625000.0 | | | | | | 45.000 | 7.000 | 0.500 | 8.600 | | 0.820 | 1.090 | 0.840 | 1.030 | | |
| 14 | 151200000.0 | | | | | | 43.000 | 6.000 | 0.500 | 7.800 | 15.2 | 0.800 | 1.090 | 0.570 | 0.670 | | |
| 15 | 168600000.0 | | | | | | 46.000 | 4.000 | 0.500 | 8.900 | | 0.810 | 1.110 | 0.360 | 0.420 | | |
| 16 | 201950000.0 | | | | | | 57.000 | 8.000 | 1.000 | 11.400 | | 0.820 | 1.060 | 0.460 | 0.510 | | |
| 17 | 168050000.0 | | | | | | 51.000 | 5.000 | 0.500 | 9.200 | 15.2 | 0.800 | 1.040 | 0.250 | 0.380 | | |
| 18 | 19190057000.0 | | | | | | 57.000 | 7.000 | 1.500 | 10.600 | | 0.750 | 1.070 | 0.280 | 0.320 | | |
| 19 | 150950000.0 | | | | | | 46.000 | 3.000 | 0.500 | 8.500 | 15.2 | 0.750 | 1.058 | 0.320 | 0.440 | | |
| 20 | 166650000.0 | | | | | | 48.000 | 5.000 | 0.500 | 9.000 | | 0.720 | 0.990 | 0.410 | 0.510 | | |
| 21 | 156000000.0 | | | | | | 43.000 | 5.000 | 1.000 | 8.600 | 15.2 | 0.710 | 0.980 | 0.550 | 0.690 | Monthly Water Treatment | |
| 22 | 166100000.0 | | | | | | 44.000 | 4.000 | 0.500 | 9.300 | | 0.940 | 1.080 | 0.360 | 0.450 | Total Gallons 23842192 | |
| 23 | 139300000.0 | | | | | | 40.000 | 4.000 | 0.500 | 7.800 | | 0.680 | 0.850 | 0.200 | 0.310 | Max. Day 19190057 | |
| 24 | 150950000.0 | | | | | | 45.000 | 4.000 | 0.500 | 8.500 | 15.0 | 0.610 | 0.960 | 0.210 | 0.330 | Min. Day 117700 | |
| 25 | 190110000.0 | | | | | | 54.000 | 6.000 | 1.000 | 10.100 | | 0.820 | 1.110 | 0.350 | 0.520 | Avg. Daily 794740 | |
| 26 | 117700000.0 | | | | | | 37.000 | 3.000 | 0.500 | 6.300 | 15.1 | 0.880 | 0.930 | 0.480 | 0.570 | | |
| 27 | 154750000.0 | | | | | | 46.000 | 7.000 | 0.500 | 8.500 | | 0.830 | 0.930 | 0.210 | 0.330 | | |
| 28 | 158900000.0 | | | | | | 43.000 | 3.000 | 0.500 | 7.900 | 15.1 | 0.770 | 0.950 | 0.310 | 0.400 | Mail To: | |
| 29 | 168925000.0 | | | | | | 39.000 | 4.000 | 0.500 | 6.800 | | 0.800 | 0.990 | 0.330 | 0.430 | Department of | |
| 30 | 149800000.0 | | | | | | 38.000 | 4.000 | 0.500 | 8.400 | | 0.910 | 1.090 | 0.270 | 0.420 | Environmental Management | |
| 31 | | | | | | | | | | | | | | | | Public Water Supply Section Indianapolis, Indiana 46206-6015 | |