



**MONTHLY REPORT OF OPERATION
WATER TREATMENT PLANT**

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Middletown Water Dept. PWSID Number 5233008

For the Month of June Year 2024 IDEM Field Rep. Carolyn Chappel

Signed *David B. Wood* Title Water Operator

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 WT130187

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 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | 1.36 | .00 | | | | |
| 4 | | | | | | | | | 1.35 | .04 | | | | |
| 5 | | | | | | | | | 1.40 | .00 | | | | |
| 6 | | | | | | | | | 1.27 | .00 | | | | |
| 7 | | | | | | | | | 1.20 | .00 | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | 1.16 | .00 | | | | |
| 11 | | | | | | | | | 1.14 | .00 | | | | |
| 12 | | | | | | | | | 1.05 | .00 | | | | |
| 13 | | | | | | | | | 1.45 | .00 | | | | |
| 14 | | | | | | | | | 1.36 | .00 | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| 17 | | | | | | | | | 1.34 | .05 | | | | |
| 18 | | | | | | | | | 1.38 | .00 | | | | |
| 19 | | | | | | | | | 1.36 | .00 | | | | |
| 20 | | | | | | | | | 1.31 | .00 | | | | |
| 21 | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | |
| 24 | | | | | | | | | 1.35 | .02 | | | | |
| 25 | | | | | | | | | 1.33 | .06 | | | | |
| 26 | | | | | | | | | 1.34 | .01 | | | | |
| 27 | | | | | | | | | 1.40 | .00 | | | | |
| 28 | | | | | | | | | 1.38 | .00 | | | | |
| 29 | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | |
| 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 1000 gallons | Chemicals Used – Pounds | | | | | | | | Filters | | Chlorine Residual | | | | Remarks | |
|------|-------------------------------|-------------------------|------|------|----------|--------|----------|----------|----------------|-----------------------|----------------------------|-------------------|-------|-------|-------|--|-----------|
| | | Salt | Alum | Lime | Soda Ash | Carbon | Chlorine | Fluoride | Phos- phate | Filter Run (hours) | Gallons per wash x 1000 | Plant Tap | | D. S. | | | |
| | | | | | | | | | | | | Free | Total | Free | Total | | |
| 1 | 211 | | | | | | 5 | | | 11.6 | | .97 | 1.01 | | | | |
| 2 | 195 | | | | | | 8 | | | 10.3 | | .95 | .98 | | | | |
| 3 | 299 | | | | | | 14 | | | 15.3 | | .80 | .81 | .55 | .64 | | |
| 4 | 295 | | | | | | 14 | | | 15.6 | | 1.37 | 1.53 | .39 | .46 | | |
| 5 | 228 | | | | | | 5 | | | 12.1 | | 1.40 | 1.51 | | | | |
| 6 | 205 | | | | | | 5 | | | 11.3 | 12 | 1.39 | 1.49 | 1.07 | 1.17 | | |
| 7 | 183 | | | | | | 4 | | | 10.1 | | 1.23 | 1.27 | .94 | 1.04 | | |
| 8 | 227 | | | | | | 4 | | | 12.6 | | 1.37 | 1.46 | | | | |
| 9 | 234 | | | | | | 4 | | | 12.2 | | 1.43 | 1.50 | | | | |
| 10 | 283 | | | | | | 9 | | | 16.3 | | 1.30 | 1.50 | .90 | 1.02 | | |
| 11 | 274 | | | | | | 3 | | | 15.9 | | 1.63 | 1.65 | .83 | .89 | | |
| 12 | 196 | | | | | | 3 | | | 11.8 | | 1.12 | 1.18 | 1.20 | 1.36 | | |
| 13 | 229 | | | | | | 3 | | | 13.7 | | 1.68 | 1.73 | | | | |
| 14 | 194 | | | | | | 4 | | | 12.1 | 12 | 1.54 | 1.61 | .97 | 1.09 | | |
| 15 | 204 | | | | | | 3 | | | 10.9 | | 1.43 | 1.45 | | | | |
| 16 | 209 | | | | | | 4 | | | 10.9 | | 1.22 | 1.36 | | | | |
| 17 | 220 | | | | | | 5 | | | 11.5 | | .93 | 1.38 | .75 | .81 | | |
| 18 | 201 | | | | | | 1 | | | 10.6 | | .70 | .80 | .96 | 1.08 | | |
| 19 | 208 | | | | | | 6 | | | 11.0 | | 1.29 | 1.46 | .86 | .96 | | |
| 20 | 233 | | | | | | 7 | | | 12.4 | 12 | 1.29 | 1.48 | .75 | .85 | | |
| 21 | 242 | | | | | | 1 | | | 12.9 | | 1.31 | 1.43 | .94 | 1.09 | Monthly Water Treatment | |
| 22 | 199 | | | | | | 2 | | | 10.3 | | 1.11 | 1.22 | | | Total Gallons | 6,611,000 |
| 23 | 226 | | | | | | 3 | | | 12.0 | | 1.08 | 1.21 | | | Max. Day | 299,000 |
| 24 | 232 | | | | | | 3 | | | 12.3 | | 1.49 | 1.50 | .96 | 1.07 | Min. Day | 151,000 |
| 25 | 203 | | | | | | 4 | | | 10.8 | | 1.51 | 1.54 | .75 | .82 | Avg. Daily | 220,000 |
| 26 | 232 | | | | | | 4 | | | 12.4 | | 1.62 | 1.63 | .98 | 1.10 | E-Mail To: DWBMRO@idem.in.gov Mail To: Indiana Department of Environmental Management Drinking Water Branch 100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237 | |
| 27 | 151 | | | | | | 3 | | | 8.3 | 12 | .78 | 1.47 | .91 | .99 | | |
| 28 | 202 | | | | | | 5 | | | 10.8 | | 1.36 | 1.45 | .92 | 1.01 | | |
| 29 | 201 | | | | | | 4 | | | 11.0 | | 1.40 | 1.62 | | | | |
| 30 | 195 | | | | | | 4 | | | 10.6 | | 1.44 | 1.46 | | | | |
| 31 | | | | | | | | | | | | | | | | | |