# SURFACE WATER MONTHLY OPERATING REPORT

**FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)**

*Turbidity Data Page*

**PUBLIC WATER SYSTEM NAME:** City of Corsicana

**PLANT NAME OR NUMBER:** Lake Halbert

**PWS ID No.:** 1750002 **Plant ID No.:** 15000 **Connections:** 11,950

**Month:** March **Year:** 2025 **Population:** 25,885

## PERFORMANCE DATA

| Date | Raw Water Pumpage (MG) | Treated Water Pumpage (MG) | RAW WATER ANALYSES NTU | RAW WATER ANALYSES Alk. | SETTLED WATER TURBIDITY (Optional Data) Basin No. 1 | 2 | 3 | 4 | 5 | 6 | FINISHED WATER QUALITY Combined Filter Effluent Turbidity NTU1 | NTU2 | NTU3 | NTU4 | NTU5 | NTU6 | Lowest Residual | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.200 | 1.040 | 8 | 104 | | | | | | | 0.07 | 0.07 | 0.06 | 0.04 | 0.06 | 0.08 | 3.0 | |
| 2 | 1.090 | 1.060 | 9 | 104 | | | | | | | 0.08 | 0.05 | 0.04 | 0.04 | 0.04 | 0.03 | 2.9 | |
| 3 | 1.110 | 1.060 | 7 | 108 | | | | | | | 0.04 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 2.8 | |
| 4 | 1.150 | 1.040 | 6 | 104 | | | | | | | 0.05 | 0.06 | 0.03 | 0.07 | 0.09 | 0.05 | 2.9 | |
| 5 | 1.187 | 1.070 | 7 | 106 | | | | | | | 0.05 | 0.05 | 0.04 | 0.05 | 0.05 | 0.04 | 2.7 | |
| 6 | 1.139 | 0.940 | 7 | 106 | | | | | | | 0.04 | 0.05 | 0.05 | 0.09 | 0.07 | 0.08 | 2.9 | |
| 7 | 1.169 | 1.020 | 7 | 108 | | | | | | | 0.05 | 0.06 | 0.04 | 0.05 | 0.04 | 0.04 | 3.0 | |
| 8 | 1.169 | 1.150 | 7 | 108 | | | | | | | 0.05 | 0.03 | 0.04 | 0.05 | 0.08 | 0.05 | 2.5 | |
| 9 | 1.181 | 1.110 | 8 | 106 | | | | | | | 0.05 | 0.04 | 0.04 | 0.05 | 0.04 | 0.04 | 2.4 | |
| 10 | 1.181 | 1.050 | 7 | 108 | | | | | | | 0.06 | 0.06 | 0.04 | 0.05 | 0.04 | 0.04 | 2.4 | |
| 11 | 1.185 | 0.860 | 7 | 108 | | | | | | | 0.05 | 0.06 | 0.05 | 0.07 | 0.05 | 0.05 | 2.7 | |
| 12 | 1.184 | 1.020 | 5 | 110 | | | | | | | 0.06 | 0.07 | 0.05 | 0.06 | 0.08 | 0.04 | 2.8 | |
| 13 | 1.170 | 1.120 | 6 | 112 | | | | | | | 0.05 | 0.07 | 0.04 | 0.04 | 0.04 | 0.04 | 2.4 | |
| 14 | 1.380 | 1.220 | 6 | 110 | | | | | | | 0.05 | 0.05 | 0.04 | 0.06 | 0.03 | 0.04 | 2.5 | |
| 15 | 1.600 | 1.520 | 5 | 112 | | | | | | | 0.05 | 0.04 | 0.05 | 0.09 | 0.06 | 0.08 | 2.9 | |
| 16 | 1.605 | 1.370 | 6 | 112 | | | | | | | 0.06 | 0.07 | 0.05 | 0.04 | 0.04 | 0.05 | 2.8 | |
| 17 | 1.595 | 1.420 | 6 | 110 | | | | | | | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 2.6 | |
| 18 | 1.605 | 1.480 | 5 | 114 | | | | | | | 0.04 | 0.07 | 0.05 | 0.04 | 0.05 | 0.05 | 2.7 | |
| 19 | 1.068 | 0.950 | 5 | 114 | | | | | | | 0.06 | 0.06 | 0.04 | x | x | 0.05 | 2.7 | |
| 20 | 1.170 | 1.050 | 5 | 112 | | | | | | | 0.03 | 0.05 | 0.04 | 0.04 | 0.03 | 0.04 | 2.8 | |
| 21 | 1.172 | 1.100 | 5 | 104 | | | | | | | 0.04 | 0.04 | 0.04 | 0.06 | 0.05 | 0.06 | 2.8 | |
| 22 | 1.481 | 1.220 | 5 | 100 | | | | | | | 0.05 | 0.04 | 0.08 | 0.05 | 0.04 | 0.05 | 3.0 | |
| 23 | 2.016 | 1.720 | 6 | 104 | | | | | | | 0.05 | 0.06 | 0.05 | 0.07 | 0.06 | 0.04 | 3.0 | |
| 24 | 2.004 | 1.890 | 7 | 106 | | | | | | | 0.06 | 0.06 | 0.06 | 0.10 | 0.10 | 0.06 | 2.9 | |
| 25 | 1.575 | 0.990 | 7 | 110 | | | | | | | 0.07 | 0.07 | 0.06 | x | x | 0.10 | 2.8 | |
| 26 | 1.220 | 1.070 | 8 | 112 | | | | | | | 0.07 | 0.07 | 0.04 | 0.05 | 0.05 | 0.06 | 2.7 | |
| 27 | 1.214 | 1.140 | 7 | 112 | | | | | | | 0.07 | 0.08 | 0.05 | 0.06 | 0.05 | 0.06 | 2.9 | |
| 28 | 1.209 | 1.040 | 8 | 114 | | | | | | | 0.06 | 0.12 | 0.07 | 0.09 | 0.06 | 0.07 | 2.8 | |
| 29 | 1.200 | 1.190 | 9 | 118 | | | | | | | 0.09 | 0.08 | 0.08 | 0.08 | 0.06 | 0.06 | 2.8 | |
| 30 | 0.640 | 0.560 | 8 | 114 | | | | | | | 0.06 | x | x | 0.08 | 0.08 | 0.06 | 2.6 | |
| 31 | 1.160 | 1.050 | 8 | 116 | | | | | | | 0.05 | 0.05 | 0.06 | 0.06 | 0.07 | 0.07 | 3.0 | |
| Total | 40.029 | 35.520 | | Max | ND | ND | | | | | | | | | | | | |
| Avg | 1.291 | 1.146 | | Avg | ND | ND | | | | | | | | | | | | |
| Max | 2.016 | 1.890 | | 95th % | ND | ND | | | | | | | | | | | | |
| Min | 0.640 | 0.560 | | Min | ND | ND | | | | | | | | | | | | |
| | | | | 95th percentile based on data from all basins | | | | | | ND | | | | | | | | |

NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

**SUBMITTED BY:** [signature] **Certificate No. and Grade:** WO0029648, A **Date:** April 2, 2025