

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: 2022

Population: 24,190

| PERFORMANCE DATA | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-----------------------------|--------------------|------|---|----|----|---|---|---|------------------------------------|--|------|------|------|------|----------|------|--|
| Date | Raw Water Pumpage (MGD) | Treated Water Pumpage (MGD) | RAW WATER ANALYSES | | SETTLED WATER TURBIDITY (Optional Data) | | | | | | FINISHED WATER QUALITY | | | | | | | | |
| | | | NTU | Alk. | Basin No. | | | | | | Combined Filter Effluent Turbidity | | | | | | Lowest | | |
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | NTU1 | NTU2 | NTU3 | NTU4 | NTU5 | NTU6 | Residual | Time | |
| 1 | 1.087 | 0.990 | 9 | 105 | | | | | | | | x | x | x | 0.06 | 0.05 | 0.04 | 2.9 | |
| 2 | 1.616 | 1.490 | 10 | 112 | | | | | | | | 0.05 | 0.05 | 0.04 | 0.06 | 0.04 | 0.04 | 3.1 | |
| 3 | 1.484 | 1.540 | 9 | 114 | | | | | | | | 0.06 | 0.06 | 0.03 | 0.05 | 0.07 | 0.09 | 2.9 | |
| 4 | 1.198 | 1.170 | 12 | 116 | | | | | | | | 0.03 | 0.04 | 0.05 | 0.07 | 0.09 | 0.05 | 3.2 | |
| 5 | 1.204 | 1.050 | 11 | 114 | | | | | | | | 0.03 | 0.03 | 0.04 | 0.07 | 0.07 | 0.08 | 2.8 | |
| 6 | 1.214 | 1.120 | 8 | 114 | | | | | | | | 0.04 | 0.04 | 0.06 | 0.07 | 0.09 | 0.09 | 3.2 | |
| 7 | 1.210 | 1.180 | 9 | 105 | | | | | | | | 0.06 | 0.06 | 0.03 | 0.03 | 0.05 | 0.04 | 3.1 | |
| 8 | 1.213 | 1.210 | 10 | 108 | | | | | | | | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 | 0.03 | 3.1 | |
| 9 | 1.222 | 1.190 | 9 | 108 | | | | | | | | 0.04 | 0.03 | 0.05 | 0.04 | 0.03 | 0.03 | 3.1 | |
| 10 | 1.200 | 1.100 | 9 | 110 | | | | | | | | 0.05 | 0.04 | 0.05 | 0.05 | 0.07 | 0.05 | 3.2 | |
| 11 | 1.190 | 1.170 | 10 | 110 | | | | | | | | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 3.3 | |
| 12 | 1.410 | 1.220 | 7 | 110 | | | | | | | | 0.04 | 0.04 | 0.05 | 0.07 | 0.07 | 0.05 | 3.1 | |
| 13 | 1.610 | 1.590 | 8 | 114 | | | | | | | | 0.06 | 0.09 | 0.12 | 0.10 | 0.08 | 0.06 | 3.2 | |
| 14 | 1.050 | 0.700 | 9 | 110 | | | | | | | | 0.09 | 0.09 | x | 0.07 | x | x | 3.2 | |
| 15 | 1.440 | 1.370 | 8 | 110 | | | | | | | | x | 0.08 | 0.06 | 0.05 | 0.06 | 0.07 | 2.9 | |
| 16 | 1.600 | 1.530 | 8 | 110 | | | | | | | | 0.05 | 0.06 | 0.07 | 0.07 | 0.07 | 0.05 | 3.2 | |
| 17 | 1.520 | 1.140 | 9 | 110 | | | | | | | | 0.05 | 0.06 | 0.03 | 0.05 | x | 0.05 | 2.7 | |
| 18 | 1.192 | 1.210 | 9 | 110 | | | | | | | | 0.03 | 0.03 | 0.05 | 0.05 | 0.03 | 0.05 | 3.0 | |
| 19 | 1.205 | 1.120 | 9 | 114 | | | | | | | | 0.04 | 0.04 | 0.09 | 0.07 | 0.06 | 0.09 | 3.2 | |
| 20 | 1.212 | 1.140 | 10 | 110 | | | | | | | | 0.06 | 0.06 | 0.04 | 0.06 | 0.07 | 0.07 | 3.3 | |
| 21 | 0.818 | 0.780 | 10 | 110 | | | | | | | | 0.07 | 0.07 | 0.04 | 0.04 | 0.09 | x | 3.3 | |
| 22 | 0.993 | 0.920 | 8 | 114 | | | | | | | | x | x | x | 0.04 | 0.07 | 0.05 | 3.1 | |
| 23 | 1.616 | 1.490 | 8 | 110 | | | | | | | | 0.05 | 0.07 | 0.09 | 0.07 | 0.09 | 0.06 | 3.2 | |
| 24 | 1.612 | 1.480 | 9 | 110 | | | | | | | | 0.07 | 0.08 | 0.09 | 0.06 | 0.07 | 0.08 | 3.2 | |
| 25 | 1.444 | 1.440 | 8 | 114 | | | | | | | | 0.05 | 0.06 | 0.08 | 0.09 | 0.08 | 0.08 | 3.3 | |
| 26 | 1.217 | 1.170 | 7 | 114 | | | | | | | | 0.04 | 0.04 | 0.04 | 0.07 | 0.06 | 0.07 | 3.0 | |
| 27 | 1.358 | 1.130 | 7 | 114 | | | | | | | | 0.03 | 0.03 | 0.06 | 0.04 | 0.04 | 0.06 | 3.2 | |
| 28 | 1.610 | 1.480 | 8 | 110 | | | | | | | | 0.05 | 0.07 | 0.06 | 0.10 | 0.07 | 0.06 | 3.2 | |
| 29 | 1.597 | 1.540 | 7 | 110 | | | | | | | | 0.07 | 0.09 | 0.04 | 0.09 | 0.05 | 0.06 | 3.0 | |
| 30 | 1.600 | 1.490 | 10 | 110 | | | | | | | | 0.06 | 0.06 | 0.09 | 0.12 | 0.12 | 0.11 | 3.1 | |
| 31 | 1.602 | 1.480 | 7 | 108 | | | | | | | | 0.05 | 0.13 | 0.06 | 0.17 | 0.07 | 0.03 | 3.1 | |
| Total | 41.544 | 38.630 | | | Max | ND | 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. | | | | | | | |
| Avg | 1.340 | 1.246 | | | Avg | ND | ND | | | | | | | | | | | | |
| Max | 1.616 | 1.590 | | | 95th % | ND | ND | | | | | | | | | | | | |
| Min | 0.818 | 0.700 | | | Min | ND | ND | | | | | | | | | | | | |
| 95th percentile based on data from all basins | | | | | | | | | | | ND | | | | | | | | |

SUBMITTED BY: _____ Certificate No. and Grade: WO0029648, A Date: April 6, 2022