

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: <u>City of Corsicana</u>	PLANT NAME OR NUMBER: <u>Lake Halbert</u>
PWS ID No.: <u>1750002</u> Plant ID No.: <u>15000</u>	Connections: <u>11,950</u>
Month: <u>June</u> Year: <u>2023</u>	Population: <u>24,190</u>

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	Time
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Residual	
1	1.209	1.160	3	106							0.03	0.06	0.05	0.05	0.06	0.05	2.8	
2	2.301	2.080	3	106							0.06	0.05	0.06	0.05	0.04	0.03	2.8	
3	2.091	1.950	2	112							0.05	0.04	0.04	0.04	0.05	0.05	2.8	
4	1.985	1.890	4	110							x	x	0.05	0.04	0.07	0.04	2.9	
5	1.400	1.380	4	110							0.06	0.06	0.05	0.03	0.04	0.03	2.8	
6	1.590	1.460	3	104							x	0.10	0.07	0.06	0.04	0.04	3.0	
7	1.152	0.910	2	102							0.03	0.05	0.04	0.04	0.04	x	2.9	
8	0.749	0.740	4	104							x	x	0.12	0.07	x	x	2.6	
9	2.404	2.400	3	114							x	0.07	0.05	0.05	0.08	0.04	2.7	
10	1.310	1.290	2	110							0.04	0.03	0.04	0.03	x	x	3.0	
11	1.161	1.050	2	112							x	0.06	0.10	0.05	0.05	x	2.4	
12	1.220	1.170	2	96							x	x	0.08	0.09	0.05	0.05	2.7	
13	1.710	1.400	2	98							0.04	0.04	0.04	x	0.05	0.04	2.7	
14	1.150	1.030	1	100							0.03	0.04	0.05	0.04	0.04	x	3.1	
15	1.005	0.540	2	102							x	0.05	0.05	0.04	x	x	2.8	
16	1.876	1.620	2	100							x	0.06	0.06	0.08	0.08	0.04	2.5	
17	1.919	1.830	9	106							x	0.07	0.07	0.04	0.05	x	2.8	
18	2.700	2.590	4	100							x	0.05	0.08	0.04	0.06	0.04	3.0	
19	2.070	1.900	4	100							0.06	0.05	0.05	0.04	0.08	0.07	3.1	
20	1.310	1.290	3	98							0.05	0.05	0.05	x	0.04	0.04	3.0	
21	1.080	1.020	2	98							0.05	0.05	0.05	0.04	0.04	x	3.2	
22	1.999	1.710	4	104							x	x	x	0.08	0.04	0.03	1.5	
23	1.326	1.320	4	106							0.05	0.05	0.04	0.04	x	x	3.1	
24	1.638	1.430	3	100							x	x	x	0.10	0.06	0.05	3.3	
25	2.409	2.340	2	96							0.06	0.06	0.06	0.08	0.04	0.06	3.1	
26	2.398	2.320	2	96							0.04	0.03	0.04	0.04	0.03	0.03	3.1	
27	2.402	2.260	2	98							0.04	0.04	0.04	0.04	0.03	0.03	3.2	
28	2.406	2.110	2	100							0.05	0.04	0.06	0.05	0.05	0.05	3.1	
29	2.403	2.300	2	98							0.06	0.06	0.06	0.06	0.04	0.04	3.0	
30	2.410	2.260	1	98							0.04	0.05	0.05	0.05	0.04	0.04	3.2	
31																		
Total	52.783	48.750		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	1.759	1.625		Avg	ND	ND												
Max	2.700	2.590		95th %	ND	ND												
Min	0.749	0.540		Min	ND	ND												
95th percentile based on data from all basins										ND								

SUBMITTED BY: _____	Certificate No. and Grade: <u>WO0029648, A</u>	Date: <u>July 6, 2023</u>
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