

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>February</u> Year: <u>2024</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 Residual	Time=
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6		
1	1.615	1.250	13	104							0.05	0.06	0.06	x	0.05	0.04	3.2	
2	1.241	0.850	11	100							0.05	0.06	0.05	x	0.07	0.05	3.2	
3	1.515	1.045	13	100							0.08	0.05	0.08	0.09	0.11	0.07	3.2	
4	0.871	0.710	16	102							x	x	x	0.07	0.06	0.07	3.0	
5	1.302	1.030	17	106							0.08	0.05	0.05	0.04	0.04	0.03	3.1	
6	1.214	1.000	14	104							0.05	0.06	0.03	0.04	0.03	0.03	3.3	
7	1.220	0.910	15	102							0.05	0.05	0.05	0.03	0.04	0.08	3.3	
8	1.280	0.980	13	100							0.04	0.04	0.04	x	0.08	0.05	3.0	
9	1.600	1.510	10	100							0.04	0.05	0.03	0.05	0.03	0.03	3.2	
10	1.510	1.390	9	100							0.03	0.03	0.03	0.03	0.07	0.11	3.4	
11	0.510	0.580	8	103							x	x	x	x	0.05	x	3.2	
12	0.750	0.660	9	110							x	x	x	x	0.07	0.04	2.6	
13	1.350	1.220	10	102							0.04	0.03	0.04	0.05	0.04	0.04	3.0	
14	1.250	0.770	8	100							0.04	0.05	0.04	x	x	0.07	3.0	
15	1.900	1.710	8	100							0.05	0.04	0.05	0.05	0.05	0.06	3.1	
16	2.040	1.910	10	100							0.03	0.04	0.05	0.04	0.03	0.03	3.3	
17	1.130	1.100	11	100							0.03	0.03	0.03	0.03	0.04	0.03	3.2	
18	0.670	0.590	9	108							x	x	x	0.04	0.07	0.06	2.8	
19	1.000	0.920	9	104							0.05	0.05	0.05	x	0.04	0.04	3.1	
20	1.200	1.070	9	106							0.03	0.04	0.05	0.05	0.04	0.05	2.9	
21	0.924	0.860	9	100							0.04	0.05	0.04	x	0.05	0.05	3.1	
22	1.254	0.810	8	98							0.03	0.04	0.04	x	0.05	0.04	2.9	
23	1.969	1.770	12	100							0.03	0.03	0.04	0.04	0.06	0.05	3.0	
24	2.268	1.960	12	98							0.04	0.04	0.05	0.04	0.04	0.05	3.2	
25	0.613	0.570	8	104							x	x	x	0.05	0.07	0.04	3.2	
26	1.200	1.100	8	100							0.04	0.06	0.06	0.05	0.05	0.04	3.2	
27	1.215	1.130	9	98							0.06	0.05	0.05	0.06	0.03	0.04	3.2	
28	1.214	1.070	10	100							0.05	0.05	0.03	0.04	0.05	0.03	3.1	
29	1.226	1.010	10	102							0.04	0.05	0.05	0.04	0.05	0.07	3.2	
30																		
31																		
Total	37.051	31.485			Max	ND	ND											
Avg	1.278	1.086			Avg	ND	ND											
Max	2.268	1.960			95th %	ND	ND											
Min	0.510	0.570			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: _____ Certificate No. and Grade: WO0029648, A Date: March 4, 2024