

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: 11,082
Month: January Year: 2021 Population: 23,770

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	1.600	1.480	3	100								0.06	0.11	0.06	0.06	0.04	0.04	2.5	
2	1.600	1.420	3	98								0.04	0.03	0.05	0.06	0.09	0.04	2.9	
3	1.500	1.340	3	100								0.04	0.03	0.06	0.05	0.04	0.04	2.9	
4	1.199	1.150	3	100								0.04	0.05	0.05	0.05	0.04	0.06	3.0	
5	1.200	1.110	3	98								0.04	0.04	0.05	0.06	0.03	0.04	2.9	
6	1.200	1.110	3	96								0.03	0.04	0.04	0.05	0.07	0.04	3.0	
7	1.200	1.050	4	98								0.04	0.04	0.03	0.05	0.06	0.06	3.0	
8	1.200	1.060	4	98								0.05	0.05	0.05	0.04	0.03	0.05	3.0	
9	1.200	1.230	4	98								0.02	0.03	0.03	0.05	0.04	0.03	2.9	
10	1.200	1.200	3	98								0.02	0.02	0.05	0.06	0.05	0.04	2.9	
11	1.292	1.150	3	98								0.05	0.05	0.06	x	0.10	0.06	2.5	
12	1.200	0.980	18	84								0.07	0.06	0.05	0.05	0.05	0.05	2.9	
13	1.451	1.320	16	84								0.06	0.05	0.05	0.06	0.06	0.05	2.9	
14	1.468	1.120	12	86								0.05	0.04	0.06	0.06	0.06	0.04	3.1	
15	1.015	0.760	13	85								x	x	x	0.07	0.07	0.05	3.0	
16	1.600	1.250	13	84								0.07	0.07	0.05	0.05	0.04	0.04	3.0	
17	1.606	1.350	13	80								0.03	0.04	0.04	0.05	0.03	0.04	2.9	
18	1.600	1.300	14	82								0.04	0.04	0.04	0.03	0.02	0.02	3.0	
19	1.008	0.740	13	82								0.04	0.03	x	x	0.06	0.06	2.9	
20	1.200	0.910	26	82								0.04	0.04	x	x	x	0.07	2.8	
21	1.599	1.270	15	84								0.06	0.04	0.04	0.04	0.06	0.05	3.0	
22	1.610	1.430	13	86								0.06	0.04	0.04	0.06	0.04	0.05	3.0	
23	0.452	0.390	17	88								0.04	0.04	x	x	x	x	3.0	
24	0.219	0.180	24	86								x	x	x	x	x	0.10	2.8	
25	1.330	1.010	17	88								0.07	0.06	0.05	0.09	0.10	0.06	2.9	
26	1.603	1.370	16	86								0.06	0.05	0.04	0.05	0.04	0.06	2.9	
27	1.600	1.360	18	90								0.06	0.05	0.04	0.06	0.05	0.05	2.8	
28	1.600	1.420	17	88								0.05	0.04	0.05	0.05	0.04	0.06	3.0	
29	1.600	1.280	16	88								0.04	0.03	0.05	0.07	0.06	0.06	2.8	
30	1.610	1.370	17	86								0.04	0.04	0.05	0.05	0.04	0.04	3.0	
31	1.460	1.210	16	88								0.04	0.07	0.07	0.06	0.06	0.04	3.1	
Total	41.222	35.320			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	1.330	1.139			Avg	ND	ND												
Max	1.610	1.480			95th %	ND	ND												
Min	0.219	0.180			Min	ND	ND												
95th percentile based on data from all basins											ND								

SUBMITTED BY: _____ Certificate No. and Grade: WO0029648, A Date: February 2, 2021