

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: December Year: 2023 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 Residual	Time=	
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6			
1	0.750	0.630	14	100								x	x	x	0.08	0.07	0.08	3.0	
2	1.120	0.990	16	100								0.06	0.06	0.08	0.07	0.05	0.05	3.3	
3	0.760	0.690	13	106								x	x	x	0.07	0.06	0.05	3.0	
4	1.860	1.440	14	106								0.05	0.05	0.04	0.06	0.06	0.07	2.2	
5	1.640	1.280	15	104								0.06	0.06	0.05	0.05	0.06	0.07	3.2	
6	1.200	0.880	13	102								0.06	0.05	0.06	0.07	0.06	0.06	3.0	
7	1.210	1.060	12	104								0.07	0.07	0.08	0.07	0.07	0.07	3.2	
8	1.197	1.040	13	104								0.06	0.07	0.08	0.08	0.07	0.07	3.1	
9	1.140	0.900	14	106								0.06	0.07	0.08	0.09	0.09	0.08	2.9	
10	0.648	0.520	17	108								x	x	x	0.10	0.09	0.08	3.1	
11	1.194	1.000	15	108								0.09	0.08	0.08	0.09	0.07	0.07	3.1	
12	1.198	1.000	14	108								0.06	0.06	0.08	0.07	0.07	0.06	3.2	
13	1.560	1.240	14	108								0.06	0.06	0.07	0.07	0.06	0.12	3.1	
14	1.360	1.100	15	104								0.10	0.08	0.08	x	x	0.10	3.1	
15	1.199	1.020	13	104								0.07	0.08	0.08	0.08	0.10	0.07	3.1	
16	1.136	0.930	10	104								0.08	0.08	0.06	0.06	0.10	0.08	3.2	
17	0.648	0.490	13	108								x	x	x	0.08	0.07	0.07	3.0	
18	1.214	1.010	13	108								0.08	0.07	0.07	0.08	0.07	0.06	3.1	
19	1.213	0.950	14	106								0.05	0.06	0.07	0.07	0.08	0.07	3.2	
20	1.204	0.980	13	106								0.06	0.07	0.07	0.07	0.08	0.08	2.9	
21	1.295	1.030	18	104								0.07	0.06	0.07	x	x	0.07	3.0	
22	1.998	1.480	15	102								0.07	0.11	0.13	0.13	0.11	0.08	3.2	
23	1.073	0.940	14	104								0.08	0.07	0.07	0.06	0.10	0.06	3.1	
24	0.286	0.240	26	106								x	x	x	x	x	0.10	2.7	
25	1.209	1.010	17	108								0.13	0.10	0.07	0.10	0.09	0.08	3.0	
26	1.200	1.020	15	106								0.09	0.07	0.09	0.08	0.07	0.07	3.2	
27	1.299	0.970	14	108								0.07	0.08	0.07	0.08	0.09	0.09	3.1	
28	1.123	0.860	14	106								0.08	0.08	0.07	x	0.09	0.10	2.9	
29	1.212	0.930	14	98								0.10	0.07	0.06	0.07	0.06	0.04	3.2	
30	1.126	1.000	10	102								0.05	0.04	0.04	0.03	0.05	0.08	3.2	
31	0.511	0.440	13	110								x	x	x	x	0.06	0.06	2.6	
Total	35.783	29.070			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	1.154	0.938			Avg	ND	ND												
Max	1.998	1.480			95th %	ND	ND												
Min	0.286	0.240			Min	ND	ND												
95th percentile based on data from all basins											ND								

SUBMITTED BY: _____ Certificate No. and Grade: WO0029648, A Date: January 4, 2024