

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: September 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	3.512	3.320	4	86								0.03	0.04	0.03	0.04	0.08	0.06	2.9	
2	3.512	3.030	4	88								0.03	0.04	0.05	0.06	0.03	0.07	2.9	
3	3.503	3.280	3	89								0.05	0.03	0.03	0.03	0.03	0.03	3.1	
4	3.498	2.950	4	86								0.03	0.03	0.03	0.04	0.05	0.05	3.0	
5	3.500	3.200	4	84								0.04	0.05	0.05	0.04	0.04	0.04	3.2	
6	2.011	1.960	4	84								0.03	0.03	0.03	0.03	0.04	0.02	3.1	
7	2.000	1.880	2	82								0.03	0.03	0.03	0.03	0.02	0.04	3.1	
8	2.997	2.520	3	91								0.03	0.03	0.03	0.03	0.07	0.04	3.1	
9	3.305	3.170	7	90								0.04	0.04	0.07	0.04	0.05	0.03	3.1	
10	2.959	2.560	3	88								0.03	0.05	0.05	0.07	0.04	0.04	3.1	
11	1.705	1.580	4	84								0.05	0.05	x	0.05	0.04	0.04	3.0	
12	2.009	1.930	2	84								0.03	0.04	0.05	0.04	0.04	0.03	3.2	
13	1.624	1.560	2	88								0.03	0.03	0.03	0.05	x	0.03	3.0	
14	1.605	1.570	3	86								0.03	0.03	0.03	0.04	x	0.04	2.9	
15	2.003	1.750	2	90								0.04	0.04	0.03	0.04	0.04	0.03	3.2	
16	2.017	1.800	2	90								0.05	0.05	0.03	0.03	0.03	0.03	3.2	
17	2.016	1.850	2	90								0.04	0.05	0.03	0.04	0.03	0.02	3.1	
18	2.017	1.910	2	90								0.05	0.04	0.04	0.02	0.03	0.03	3.1	
19	1.815	1.760	2	88								0.03	0.03	0.03	0.04	0.03	0.03	2.9	
20	0.946	0.980	1	90								0.03	0.03	0.04	0.04	x	x	3.1	
21	1.685	1.540	3	84								0.03	0.03	x	0.03	0.05	0.03	2.9	
22	1.430	1.080	2	88								0.03	0.04	0.03	x	x	0.07	2.6	
23	1.587	1.460	24	93								0.08	0.08	0.08	0.08	0.07	0.07	3.1	
24	1.698	1.530	19	94								0.08	0.08	0.08	0.09	0.08	0.07	3.1	
25	1.727	1.500	18	98								x	x	x	0.11	0.09	0.08	2.8	
26	3.357	2.820	20	96								0.08	0.08	0.09	0.08	0.09	0.07	3.1	
27	2.177	1.920	19	96								0.09	0.09	0.07	0.09	0.07	0.08	3.0	
28	1.605	1.420	13	86								0.08	0.08	0.08	0.07	0.07	0.07	3.1	
29	1.616	1.410	19	96								0.08	0.08	0.08	0.07	0.05	0.06	3.1	
30	1.605	1.470	21	92								0.08	0.07	0.07	0.06	0.09	0.09	2.9	
31																			
Total	67.041	60.710			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	2.235	2.024			Avg	ND	ND												
Max	3.512	3.320			95th %	ND	ND												
Min	0.946	0.980			Min	ND	ND												
95th percentile based on data from all basins											ND								

SUBMITTED BY: _____ Certificate No. and Grade: WO0029648, A Date: October 5, 2023