

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

PWS ID No.: 1750002 **Plant ID No.:** 15000

Month: May **Year:** 2018

PLANT NAME OR NUMBER: Lake Halbert

Connections: 10,881

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 Residual	Time	
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6			
1	2.600	2.430	15	107								0.05	0.06	0.08	0.06	0.05	0.07	2.9	
2	1.026	0.990	14	108								0.05	0.08	0.07	x	x	x	2.8	
3	1.071	0.960	5	109								x	x	x	x	0.10	0.08	2.5	
4	0.721	0.700	5	108								0.07	0.08	0.07	x	x	x	2.8	
5	0.810	0.790	4	106								x	x	x	x	0.18	0.09	2.1	
6	1.619	1.470	4	109								0.07	0.05	0.07	0.07	0.07	0.07	2.9	
7	1.609	1.540	4	110								0.07	0.05	0.07	x	0.06	0.06	2.9	
8	1.599	1.500	4	109								0.06	0.07	0.06	0.06	0.08	0.08	3.1	
9	1.366	1.210	7	110								x	0.08	0.06	0.06	0.05	x	3.0	
10	1.640	1.350	9	110								x	0.07	0.08	0.10	0.07	0.07	2.8	
11	1.608	1.580	10	110								0.05	0.05	0.06	0.06	0.06	0.06	2.8	
12	2.650	2.350	16	108								0.05	0.05	0.07	0.08	0.05	0.06	2.9	
13	2.518	2.320	19	106								0.08	0.10	x	0.08	0.06	0.07	3.0	
14	2.493	2.460	20	108								0.06	0.07	0.06	0.05	0.07	x	2.9	
15	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
16	0.540	0.280	19	108								x	x	x	x	x	0.08	2.8	
17	1.850	1.430	4	106								0.11	0.09	0.10	0.07	0.10	0.05	2.8	
18	1.180	1.170	5	107								x	x	x	0.05	0.04	0.06	2.8	
19	1.275	1.140	5	114								x	x	x	0.05	0.05	0.05	3.0	
20	1.975	1.750	7	114								x	0.08	0.07	0.06	0.06	0.05	2.8	
21	0.443	0.420	7	116								0.05	0.08	x	x	x	x	2.9	
22	0.466	0.450	3	110								x	x	x	x	x	0.08	3.2	
23	1.741	1.590	4	112								x	0.05	0.04	0.04	x	0.05	2.8	
24	0.900	0.860	3	112								0.04	0.06	0.04	x	x	x	3.2	
25	2.179	1.960	4	113								x	0.05	0.06	0.07	0.06	0.05	2.8	
26	2.013	1.910	4	118								0.06	0.07	0.04	0.07	0.06	0.06	2.9	
27	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
28	3.159	2.650	5	118								0.07	0.10	0.05	0.10	0.07	0.04	2.3	
29	3.159	2.870	4	118								0.06	0.06	0.06	0.04	0.03	0.05	3.0	
30	3.599	3.140	12	106								0.06	0.04	0.05	0.09	0.04	0.06	2.9	
31	3.599	3.330	8	110								0.04	0.04	0.05	0.06	0.05	0.05	3.0	
Total	51.408	46.600			Max	ND	ND												
Avg	1.658	1.503			Avg	ND	ND												
Max	3.599	3.330			95th %	ND	ND												
Min	0.000	0.000			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: Chadwick **Certificate No. and Grade:** WO0029648, A **Date:** June 5, 2018