

# 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: 11,224

Month: June 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	1.215	1.090	3	112								0.08	0.07	0.06	0.06	0.07	0.08	3.0	
2	1.206	1.150	3	110								0.04	0.04	0.06	0.06	0.05	0.04	3.0	
3	1.203	1.160	4	110								0.04	0.04	0.06	0.05	0.03	0.03	3.0	
4	1.206	1.140	4	112								0.03	0.04	0.05	0.05	0.04	0.04	2.8	
5	1.200	1.200	5	112								0.06	0.03	0.04	0.03	0.05	0.03	3.0	
6	1.200	1.140	6	112								0.04	0.03	0.05	0.08	0.05	0.04	3.0	
7	1.194	1.200	5	110								0.04	0.04	0.03	0.03	0.05	0.04	3.0	
8	1.212	1.190	6	112								0.03	0.04	0.03	0.05	0.07	0.05	2.9	
9	1.208	1.080	5	110								0.03	0.05	0.04	0.05	0.09	0.06	2.9	
10	1.206	1.050	5	110								0.05	0.06	0.05	0.04	0.04	0.04	3.0	
11	1.205	1.190	7	116								0.05	0.05	0.08	0.04	0.04	0.03	2.8	
12	1.201	1.100	7	116								0.03	0.04	0.03	0.03	0.06	0.05	2.9	
13	1.695	1.620	7	114								0.04	0.04	0.04	0.05	0.07	0.04	3.0	
14	1.245	1.180	9	112								0.06	0.04	x	x	0.04	0.05	2.7	
15	1.608	1.570	10	110								0.06	0.08	0.05	0.02	0.04	0.04	2.8	
16	1.590	1.520	14	112								0.03	0.04	0.03	0.05	0.05	0.02	2.9	
17	1.600	1.510	14	110								0.03	0.05	0.05	0.04	0.03	0.02	2.9	
18	2.564	2.170	11	118								0.02	0.03	0.04	0.05	0.03	0.04	2.9	
19	2.855	2.690	20	114								0.05	0.03	0.02	0.04	0.04	0.04	2.9	
20	1.609	1.530	11	118								0.02	0.04	0.02	0.02	0.03	0.04	2.9	
21	1.610	1.540	10	116								0.03	0.05	0.03	0.02	0.05	0.05	3.0	
22	1.980	1.740	8	112								0.03	0.04	0.03	0.03	x	0.06	3.0	
23	3.223	2.800	10	110								0.03	0.03	0.05	0.05	0.05	0.05	3.1	
24	2.288	2.090	7	108								0.03	0.03	0.04	0.04	0.04	0.05	3.0	
25	1.869	1.720	4	110								0.04	0.04	0.03	0.03	0.03	0.04	2.9	
26	2.407	2.290	2	112								0.03	0.03	0.06	0.05	0.05	0.04	2.9	
27	2.407	2.050	3	110								0.04	0.03	0.03	0.03	0.04	0.04	3.0	
28	2.400	2.160	3	110								0.05	0.03	0.03	0.03	0.04	0.04	2.9	
29	2.351	2.140	2	108								0.04	0.04	0.03	0.03	0.04	0.04	2.9	
30	1.211	1.210	2	100								0.03	0.03	0.03	0.03	0.05	0.03	2.8	
31																			
Total	50.968	47.220			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	1.699	1.574			Avg	ND	ND												
Max	3.223	2.800			95th %	ND	ND												
Min	1.194	1.050			Min	ND	ND												
95th percentile based on data from all basins											ND								

SUBMITTED BY: \_\_\_\_\_ Certificate No. and Grade: WO0029648, A Date: July 2, 2021