

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: Navarro Mills
 PWS ID No.: 1750002 Plant ID No.: 15002 Connections: 11,231
 Month: August Year: 2021 Population: 23,770

PERFORMANCE DATA																		
Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES		SETTLED WATER TURBIDITY (Mandatory 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	6.440	5.716	8	108	1.7	1.8	2.3	1.3	2.1	2.2	0.05	0.05	0.08	0.06	0.07	0.10	3.1	
2	6.370	6.035	7	102	2.0	1.9	3.0	1.4	2.8	2.1	0.10	0.09	0.10	0.08	0.11	0.13	3.1	
3	4.950	5.250	6	105	1.9	1.9	2.4	1.2	2.3	2.1	0.10	0.09	0.07	0.06	0.07	0.06	3.2	
4	4.950	4.626	7	104	1.7	2.2	2.6	1.5	2.2	2.0	0.06	0.05	0.06	0.05	0.04	0.04	3.2	
5	7.730	6.380	7	105	2.4	2.5	2.9	1.3	3.4	2.6	0.05	0.07	0.05	0.05	0.08	0.07	2.8	
6	7.690	6.783	12	102	2.3	2.3	3.1	1.6	2.6	2.5	0.08	0.07	0.05	0.05	0.06	0.07	2.7	
7	4.500	5.345	8	103	1.2	1.2	1.3	1.0	1.2	1.3	0.06	0.06	0.08	0.06	0.04	0.04	2.8	
8	4.650	4.871	13	102	0.8	1.2	1.1	0.7	1.1	0.9	0.04	0.04	0.05	0.04	0.04	0.04	3.2	
9	6.830	7.226	12	106	0.9	1.0	1.5	0.7	1.3	0.8	0.04	0.04	0.04	0.04	0.06	0.07	1.8	
10	5.680	5.600	14	106	1.5	1.9	1.9	1.3	2.5	1.5	0.05	0.05	0.04	0.04	0.04	0.03	3.1	
11	7.850	7.589	29	106	1.3	1.8	2.1	1.1	2.2	1.6	0.04	0.05	0.05	0.04	0.03	0.03	2.3	
12	7.930	6.737	26	106	0.9	1.0	0.9	0.8	0.8	0.7	0.06	0.07	0.06	0.06	0.05	0.08	3.2	
13	4.710	6.284	15	106	0.7	0.7	0.9	0.6	0.7	0.5	0.05	0.06	0.06	0.06	0.04	0.04	3.0	
14	6.260	5.681	19	105	0.5	0.5	0.5	0.5	0.6	0.4	0.04	0.05	0.05	0.05	0.06	0.06	1.0	
15	7.820	6.707	16	106	0.7	0.8	1.0	0.9	0.8	0.7	0.06	0.06	0.05	0.06	0.04	0.04	1.0	
16	4.690	6.258	16	104	0.6	0.6	0.6	0.4	0.5	0.4	0.04	0.04	0.05	0.04	0.05	0.05	2.9	
17	4.830	4.941	15	102	0.9	1.8	0.5	0.8	0.6	1.3	0.05	0.04	0.05	0.05	0.05	0.04	2.9	
18	4.830	5.290	14	102	0.6	0.6	0.7	0.6	0.5	0.6	0.07	0.04	0.07	0.05	0.04	0.05	2.9	
19	4.840	5.392	15	105	0.4	0.8	0.6	0.4	0.3	0.4	0.06	0.06	0.05	0.05	0.04	0.04	2.9	
20	4.890	4.652	17	104	1.7	2.3	2.7	1.6	2.4	2.1	0.04	0.04	0.04	0.04	0.04	0.05	3.0	
21	6.500	6.484	19	100	1.9	3.0	3.0	1.3	3.1	2.6	0.05	0.05	0.05	0.05	0.05	0.07	1.8	
22	7.390	7.272	22	104	1.6	2.0	2.0	1.1	1.9	1.8	0.05	0.06	0.06	0.06	0.07	0.06	3.1	
23	7.360	6.979	17	102	1.7	1.8	2.4	1.2	2.4	1.7	0.05	0.04	0.05	0.05	0.05	0.06	3.3	
24	7.510	6.151	13	102	2.4	2.7	3.0	1.9	3.1	2.6	0.05	0.05	0.04	0.05	0.05	0.09	3.2	
25	5.900	6.294	13	100	2.7	2.4	3.4	1.4	3.2	2.1	0.08	0.05	0.05	0.06	0.07	0.06	3.1	
26	7.250	7.562	14	104	2.6	3.1	3.5	1.6	3.7	2.9	0.05	0.06	0.04	0.04	0.07	0.05	3.1	
27	7.960	7.228	13	102	1.3	1.5	1.7	1.1	1.6	1.4	0.06	0.06	0.04	0.06	0.06	0.05	3.2	
28	7.840	7.061	21	103	1.6	2.8	2.6	1.3	2.7	2.6	0.05	0.04	0.05	0.05	0.12	0.07	3.2	
29	7.870	6.968	16	102	2.3	3.1	2.7	1.6	3.0	3.1	0.05	0.04	0.05	0.04	0.04	0.04	3.2	
30	7.870	6.813	15	102	2.4	2.1	3.3	1.5	3.4	2.1	0.04	0.06	0.06	0.05	0.08	0.05	3.1	
31	6.740	6.972	14	102	2.1	2.7	2.5	1.6	2.6	2.7	0.06	0.05	0.05	0.06	0.07	0.06	3.3	
Total	198.630	193.147			Max	2.7	3.1	3.5	1.9	3.7	3.1	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	6.407	6.231			Avg	1.5	1.8	2.0	1.1	2.0	1.7							
Max	7.960	7.589			95th %	2.5	3.1	3.4	1.6	3.4	2.8							
Min	4.500	4.626			Min	0.4	0.5	0.5	0.4	0.3	0.4							
95th percentile based on data from all basins											3.1							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: September 7, 2021