

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: 11,099

Month: April 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	5.380	5.026	26	127	1.7	2.3	1.8	1.5	1.7	1.4	0.09	0.10	0.09	0.09	0.10	0.12	3.2	
2	5.450	4.529	33	128	1.6	2.3	2.0	1.4	2.1	1.5	0.10	0.09	0.08	0.09	0.08	0.07	3.2	
3	5.450	5.523	34	125	1.6	2.6	2.2	2.0	1.8	1.5	0.07	0.07	0.07	0.08	0.09	0.08	3.0	
4	5.220	5.655	28	120	1.5	1.4	1.6	1.2	1.4	1.3	0.08	0.07	0.07	0.06	0.06	0.05	2.9	
5	4.590	4.502	36	126	1.2	1.2	1.3	0.9	1.5	1.0	0.05	0.05	0.05	0.07	0.08	0.07	2.7	
6	5.200	4.665	36	125	1.2	1.6	1.5	1.0	1.5	1.1	0.07	0.08	0.07	0.07	0.08	0.07	2.8	
7	5.450	5.035	24	126	1.4	1.7	1.5	1.6	1.4	1.2	0.09	0.08	0.08	0.08	0.07	0.06	3.0	
8	5.500	5.655	22	122	1.4	1.8	1.7	1.1	1.5	1.5	0.08	0.07	0.06	0.05	0.06	0.06	3.1	
9	5.530	4.264	25	127	1.2	1.5	1.5	1.1	1.8	1.3	0.07	0.08	0.07	0.07	0.07	0.07	2.6	
10	5.520	5.019	29	131	1.2	1.8	1.5	1.1	1.6	1.2	0.08	0.07	0.07	0.06	0.07	0.06	2.6	
11	5.530	6.203	26	128	1.3	1.7	1.2	1.4	1.5	1.1	0.07	0.06	0.06	0.06	0.07	0.06	2.9	
12	5.540	4.780	23	130	1.2	1.3	1.6	0.9	1.9	1.2	0.05	0.05	0.06	0.06	0.09	0.08	2.8	
13	5.540	4.459	24	130	1.2	1.8	1.5	1.0	1.5	1.3	0.09	0.09	0.06	0.08	0.09	0.09	2.9	
14	5.520	5.399	17	128	1.1	1.4	1.2	1.0	1.7	1.1	0.09	0.09	0.08	0.07	0.08	0.07	3.0	
15	5.500	5.170	29	129	1.4	2.1	1.6	1.1	1.6	1.3	0.07	0.07	0.06	0.07	0.07	0.08	3.1	
16	5.510	4.352	22	124	1.3	1.7	1.5	1.1	1.8	1.3	0.08	0.10	0.10	0.09	0.09	0.08	3.0	
17	5.500	4.666	29	130	1.0	1.4	1.3	0.8	1.5	1.0	0.07	0.08	0.08	0.07	0.08	0.06	3.1	
18	5.510	5.645	28	130	1.3	1.2	1.1	0.9	1.3	1.1	0.06	0.06	0.05	0.07	0.06	0.05	3.1	
19	5.520	4.780	29	130	1.0	1.1	1.2	0.9	1.6	0.9	0.06	0.05	0.06	0.05	0.09	0.08	3.1	
20	5.490	4.402	31	130	1.2	1.2	1.3	0.9	1.3	1.1	0.08	0.08	0.06	0.06	0.07	0.07	3.1	
21	5.480	4.596	29	130	1.3	1.8	1.2	0.9	1.4	1.0	0.09	0.08	0.07	0.07	0.08	0.07	3.1	
22	5.490	5.454	33	129	1.1	1.7	1.5	0.9	1.3	1.1	0.08	0.07	0.06	0.07	0.07	0.08	3.1	
23	4.910	4.609	32	128	1.2	1.5	1.3	1.0	1.5	1.2	0.09	0.09	0.08	0.07	0.08	0.07	3.0	
24	4.200	3.501	40	131	1.1	1.7	1.4	0.9	1.5	1.1	0.07	0.07	0.07	0.07	0.07	0.08	2.8	
25	4.200	5.148	33	130	1.2	1.5	1.4	1.1	1.4	1.2	0.08	0.08	0.08	0.08	0.06	0.06	3.0	
26	5.360	4.948	30	130	1.2	1.3	1.8	1.0	2.1	1.1	0.07	0.07	0.06	0.06	0.09	0.09	2.2	
27	6.900	5.862	27	130	1.3	1.5	1.6	1.2	1.4	1.3	0.07	0.09	0.09	0.09	0.09	0.09	1.7	
28	6.220	5.451	26	130	1.3	1.5	1.6	1.3	1.8	1.6	0.08	0.10	0.11	0.11	0.12	0.11	3.2	
29	5.420	3.951	29	128	1.3	1.6	1.9	1.2	1.9	1.5	0.10	0.08	0.08	0.08	0.07	0.07	3.1	
30	4.940	4.962	35	128	1.2	1.9	1.5	1.6	1.9	1.5	0.08	0.07	0.09	0.09	0.08	0.07	3.0	
31																		
Total	161.570	148.211			Max	1.7	2.6	2.2	2.0	2.1	1.6	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	5.386	4.940			Avg	1.3	1.6	1.5	1.1	1.6	1.2							
Max	6.900	6.203			95th %	1.6	2.3	2.0	1.6	2.0	1.5							
Min	4.200	3.501			Min	1.0	1.1	1.1	0.8	1.3	0.9							
95th percentile based on data from all basins											1.9							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: May 6, 2021