

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: 11,093

Month: May 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	4.140	4.935	27	127	1.5	1.2	1.6	1.0	1.6	1.2	0.08	0.09	0.09	0.09	0.07	0.07	2.8	
2	4.140	4.210	27	130	1.4	1.7	1.9	0.9	1.6	1.3	0.06	0.06	0.05	0.06	0.05	0.05	2.9	
3	4.190	3.740	25	130	0.8	1.0	1.2	0.7	1.4	0.8	0.06	0.06	0.06	0.06	0.07	0.07	3.1	
4	4.900	4.519	19	130	1.2	1.2	1.6	0.8	1.4	1.0	0.08	0.09	0.06	0.07	0.07	0.07	2.6	
5	5.270	4.757	25	130	1.4	2.8	2.0	1.2	2.3	1.4	0.07	0.08	0.08	0.08	0.08	0.07	2.8	
6	6.640	4.816	29	130	1.7	3.4	2.4	1.4	2.5	1.8	0.07	0.07	0.07	0.10	0.10	0.09	2.4	
7	5.120	5.945	30	122	1.7	2.1	1.6	1.4	1.6	1.5	0.08	0.10	0.10	0.08	0.08	0.07	2.5	
8	5.300	4.655	22	123	1.2	2.0	1.9	1.0	1.9	1.4	0.05	0.05	0.05	0.06	0.05	0.05	3.1	
9	4.960	4.838	22	120	1.1	2.0	1.4	1.0	1.4	1.2	0.05	0.05	0.05	0.06	0.05	0.05	3.1	
10	5.220	4.481	31	124	1.1	1.7	x	1.4	1.8	1.3	0.05	0.04	0.05	0.05	0.07	0.06	3.0	
11	5.690	4.467	27	124	1.7	2.3	x	1.8	1.9	1.5	0.06	0.06	0.06	0.08	0.09	0.15	3.0	
12	4.420	4.479	26	122	1.3	1.8	x	x	1.9	1.4	0.10	0.09	0.07	0.08	0.07	0.07	3.2	
13	4.130	4.363	31	121	1.1	1.9	x	x	1.5	1.2	0.06	0.06	0.05	0.06	0.05	0.05	3.2	
14	5.780	4.252	63	122	1.1	1.7	x	x	1.3	1.1	0.06	0.06	0.05	0.05	0.06	0.06	3.0	
15	5.140	5.152	38	124	1.4	2.3	1.9	1.5	1.8	1.8	0.06	0.05	0.07	0.08	0.08	0.06	3.0	
16	5.140	4.704	45	124	1.1	2.2	1.4	1.5	1.4	1.2	0.06	0.06	0.06	0.05	0.05	0.05	3.0	
17	4.620	4.896	29	124	1.1	1.5	1.3	1.2	x	1.2	0.05	0.04	0.04	0.09	0.09	0.07	3.1	
18	5.600	3.868	35	124	1.8	1.5	1.2	1.1	x	x	0.06	0.06	0.09	0.07	0.07	0.07	3.1	
19	5.150	4.014	35	124	1.2	1.6	1.2	1.0	1.2	1.4	0.07	0.07	0.06	0.06	0.06	0.07	3.1	
20	5.020	4.455	32	120	1.1	1.8	1.5	1.2	1.6	1.3	0.07	0.07	0.06	0.05	0.06	0.06	3.0	
21	4.150	4.169	33	124	1.0	2.3	1.4	1.2	1.3	1.3	0.07	0.07	0.06	0.07	0.06	0.06	3.0	
22	4.170	4.782	39	122	0.9	1.7	1.4	1.0	1.4	1.1	0.04	0.04	0.04	0.05	0.04	0.05	3.0	
23	4.200	4.946	30	122	1.0	1.8	2.1	1.1	1.4	1.2	0.04	0.04	0.04	0.05	0.04	0.04	3.1	
24	4.280	4.036	29	124	x	1.1	1.1	1.5	1.1	0.9	0.04	0.04	0.04	0.05	0.06	0.05	3.2	
25	4.930	4.462	22	124	x	x	1.3	1.2	1.2	1.3	0.06	0.05	0.05	0.05	0.05	0.05	3.2	
26	5.720	5.057	27	124	x	x	1.3	1.5	1.4	1.1	0.05	0.04	0.04	0.05	0.05	0.05	3.1	
27	5.810	4.750	23	121	x	x	1.1	1.0	1.2	1.0	0.05	0.05	0.04	0.05	0.05	0.05	2.9	
28	5.070	5.510	18	116	x	x	1.2	0.9	1.2	1.0	0.06	0.07	0.10	0.06	0.06	0.06	2.9	
29	5.030	4.692	16	116	x	x	0.9	0.7	1.0	1.0	0.05	0.05	0.04	0.04	0.05	0.04	2.9	
30	4.980	5.352	24	118	x	x	1.9	1.2	1.6	1.4	0.04	0.04	0.04	0.06	0.06	0.04	3.0	
31	5.090	4.284	21	120	x	x	2.3	1.5	2.4	1.7	0.03	0.06	0.07	0.07	0.08	0.07	3.0	
Total	154.000	143.586			Max	1.8	3.4	2.4	1.8	2.5	1.8	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	4.968	4.632			Avg	1.3	1.9	1.5	1.2	1.6	1.3							
Max	6.640	5.945			95th %	1.7	2.7	2.3	1.5	2.4	1.8							
Min	4.130	3.740			Min	0.8	1.0	0.9	0.7	1.0	0.8							
95th percentile based on data from all basins											2.3							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: June 4, 2021