

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: 10,905

Month: December Year: 2019 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	5.150	4.803	31	106	0.8	1.0	1.2	0.9	1.4	1.0	0.06	0.04	0.06	0.05	0.05	0.05	2.8	
2	5.330	4.092	27	107	0.8	0.9	1.1	1.0	2.3	0.9	0.05	0.05	0.06	0.06	0.05	0.09	2.8	
3	5.380	4.954	29	106	1.2	1.6	1.3	1.0	1.8	1.1	0.06	0.08	0.06	0.05	0.07	0.07	2.7	
4	5.360	5.101	30	104	1.2	1.2	1.4	1.2	2.1	1.1	0.07	0.06	0.06	0.08	0.07	0.07	2.9	
5	5.390	5.037	32	109	1.2	1.4	1.7	1.1	2.0	1.3	0.08	0.06	0.07	0.09	0.06	0.07	2.9	
6	5.370	4.514	28	105	1.1	1.5	1.5	1.2	2.1	1.6	0.07	0.07	0.06	0.06	0.09	0.06	2.8	
7	5.390	6.275	28	109	1.1	1.3	1.5	1.1	1.9	1.2	0.06	0.06	0.06	0.06	0.06	0.05	2.7	
8	5.370	5.069	31	108	1.1	1.2	1.5	1.1	1.5	1.1	0.06	0.06	0.06	0.07	0.07	0.07	2.8	
9	5.900	4.956	27	108	1.2	1.0	1.3	1.0	1.6	1.1	0.05	0.06	0.06	0.07	0.08	0.07	2.7	
10	5.160	4.532	34	108	0.9	1.5	1.4	0.9	1.6	1.0	0.06	0.08	0.06	0.06	0.08	0.08	2.8	
11	5.260	5.549	32	110	1.1	1.2	1.5	0.9	3.4	1.1	0.06	0.06	0.07	0.06	0.06	0.07	2.9	
12	5.390	3.472	33	110	1.1	1.4	1.5	1.0	2.1	1.1	0.06	0.06	0.05	0.05	0.06	0.07	2.9	
13	4.910	5.010	33	109	1.0	1.3	1.6	1.1	2.0	1.2	0.08	0.08	0.07	0.07	0.08	0.07	2.9	
14	4.410	4.496	34	110	0.9	1.2	1.4	1.3	1.7	1.0	0.09	0.07	0.06	0.06	0.07	0.06	2.7	
15	5.410	4.428	35	110	1.2	1.4	1.4	1.1	1.6	1.2	0.06	0.06	0.07	0.07	0.06	0.06	2.6	
16	4.820	3.511	36	110	1.2	1.1	1.5	1.2	1.8	1.2	0.07	0.07	0.08	0.10	0.13	0.08	2.3	
17	4.070	3.206	31	110	1.0	1.4	1.3	1.2	1.6	1.0	0.13	0.10	0.10	0.08	0.12	0.07	2.4	
18	4.080	5.098	30	110	0.9	1.1	1.5	0.9	1.7	1.0	0.07	0.07	0.07	0.06	0.06	0.06	3.0	
19	5.100	4.475	31	114	1.0	1.4	1.7	1.0	1.7	1.1	0.06	0.05	0.05	0.05	0.06	0.07	2.9	
20	5.700	4.908	30	110	1.2	1.6	1.9	1.3	2.1	1.7	0.09	0.08	0.08	0.10	0.09	0.08	3.1	
21	5.910	5.322	36	113	1.3	1.8	1.8	1.4	1.8	2.1	0.08	0.08	0.08	0.07	0.08	0.07	3.1	
22	4.760	5.181	34	114	1.5	1.5	1.9	1.4	1.9	1.7	0.07	0.08	0.09	0.11	0.12	0.11	2.9	
23	4.270	3.754	29	116	1.3	1.2	1.8	1.1	1.5	1.3	0.08	0.07	0.08	0.05	0.06	0.06	2.8	
24	4.850	4.995	30	112	1.0	1.5	1.5	1.1	1.4	1.6	0.08	0.09	0.07	0.08	0.11	0.09	3.0	
25	4.960	3.303	37	114	1.3	1.3	1.5	1.1	1.6	1.3	0.08	0.08	0.07	0.07	0.08	0.07	3.0	
26	4.310	5.494	35	116	1.2	1.4	1.8	1.5	2.1	1.2	0.08	0.09	0.07	0.07	0.07	0.07	2.9	
27	4.130	3.114	38	116	1.2	1.6	2.0	1.2	1.8	1.5	0.09	0.09	0.08	0.08	0.09	0.08	2.5	
28	4.090	4.466	38	120	1.2	1.8	1.9	1.3	2.1	1.8	0.08	0.07	0.08	0.09	0.08	0.08	2.5	
29	4.290	4.333	41	120	1.1	1.6	1.6	1.3	1.5	1.4	0.08	0.08	0.08	0.07	0.07	0.07	2.8	
30	5.140	3.849	31	116	1.7	1.3	1.8	1.4	2.1	1.4	0.07	0.07	0.08	0.09	0.09	0.09	2.8	
31	5.110	5.526	31	114	1.2	1.8	1.6	1.4	1.6	1.3	0.10	0.10	0.09	0.08	0.08	0.09	2.8	
Total	154.770	142.823			Max	1.7	1.8	2.0	1.5	3.4	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	4.993	4.607			Avg	1.1	1.4	1.6	1.2	1.9								
Max	5.910	6.275			95th %	1.4	1.8	1.9	1.4	2.2								
Min	4.070	3.114			Min	0.8	0.9	1.1	0.9	1.4								
					95th percentile based on data from all basins													2.1

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: January 9, 2020