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:** 11,950
Month: April	**Year:** 2022	**Population:** 24,190

PERFORMANCE DATA

Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES NTU	RAW WATER ANALYSES Alk.	SETTLED WATER TURBIDITY (Mandatory Data) Basin No. 1	2	3	4	5	6	FINISHED WATER QUALITY Combined Filter Effluent Turbidity NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Lowest Residual	Time*
1	4.230	3.992	39	127	1.5	2.1	1.8	2.0	2.1	2.4	0.08	0.10	0.12	0.12	0.10	0.10	2.8	
2	4.230	3.876	40	130	2.0	3.8	3.3	2.1	3.1	2.5	0.09	0.08	0.09	0.09	0.10	0.09	2.8	
3	6.230	5.892	31	124	1.9	2.4	2.7	1.9	2.7	2.8	0.09	0.08	0.10	0.08	0.09	0.10	3.0	
4	5.150	4.455	37	130	2.2	2.0	1.8	1.9	1.2	2.4	0.08	0.05	0.06	0.11	0.11	0.10	2.9	
5	5.960	4.663	31	128	2.0	1.9	2.5	1.8	2.9	2.3	0.11	0.10	0.13	0.07	0.09	0.11	2.9	
6	5.540	5.326	27	126	1.6	1.7	2.0	1.1	2.5	1.6	0.11	0.11	0.07	0.07	0.07	0.07	3.2	
7	5.270	3.418	28	126	1.8	2.7	2.0	1.4	2.3	1.5	0.11	0.12	0.07	0.08	0.08	0.08	3.1	
8	5.100	5.539	30	125	1.3	1.7	1.8	1.2	2.0	1.3	0.09	0.08	0.08	0.08	0.07	0.08	3.2	
9	4.430	4.490	29	126	1.2	1.8	1.8	1.0	1.8	1.6	0.06	0.08	0.08	0.08	0.08	0.07	3.0	
10	4.150	3.590	29	126	1.4	2.0	1.4	1.5	1.9	1.8	0.07	0.08	0.10	0.10	0.08	0.08	2.7	
11	6.680	5.587	30	128	1.7	2.5	2.0	2.8	3.6	1.9	0.08	0.09	0.08	0.10	0.10	0.10	2.9	
12	4.900	5.553	29	128	1.5	1.7	1.4	1.8	1.8	2.0	0.11	0.11	0.12	0.12	0.12	0.10	2.6	
13	3.800	3.967	28	125	1.2	1.6	1.6	1.1	1.5	1.3	0.11	0.12	0.08	0.07	0.07	0.08	2.5	
14	3.790	3.964	31	125	1.3	1.0	1.0	1.3	1.3	1.5	0.06	0.09	0.05	0.05	0.08	0.07	2.6	
15	3.850	5.390	35	128	1.2	1.5	1.3	1.7	1.9	1.7	0.06	0.07	0.06	0.07	0.07	0.09	2.7	
16	3.740	4.455	28	122	1.0	1.7	1.3	1.3	1.6	1.9	0.07	0.07	0.08	0.09	0.09	0.09	2.7	
17	3.740	4.050	34	124	1.0	1.7	1.4	1.4	1.5	1.7	0.07	0.07	0.07	0.07	0.07	0.06	2.6	
18	4.400	5.291	40	124	1.3	1.5	1.8	1.0	1.7	1.2	0.06	0.06	0.08	0.06	0.07	0.12	2.8	
19	5.310	3.899	35	124	1.4	2.5	2.0	2.3	2.5	2.0	0.08	0.10	0.07	0.07	0.06	0.09	2.9	
20	5.330	5.738	34	124	1.9	2.1	2.1	1.6	2.5	2.3	0.08	0.11	0.10	0.08	0.08	0.12	2.9	
21	5.180	5.336	32	126	2.3	2.2	2.2	1.8	2.7	2.0	0.10	0.11	0.11	0.12	0.09	0.11	2.8	
22	5.080	3.885	37	124	2.1	2.4	2.1	1.6	2.1	2.3	0.10	0.12	0.09	0.08	0.08	0.08	2.5	
23	4.620	5.721	33	124	1.5	2.4	2.1	1.6	2.4	2.1	0.08	0.07	0.07	0.07	0.07	0.07	2.7	
24	4.350	5.035	30	122	1.1	2.0	1.6	1.7	1.8	2.2	0.07	0.07	0.06	0.06	0.06	0.06	2.7	
25	4.290	3.947	29	124	1.4	2.0	2.0	1.1	2.5	1.7	0.06	0.05	0.09	0.10	0.08	0.08	2.6	
26	4.220	4.243	29	124	1.6	2.3	2.1	1.3	2.3	1.6	0.10	0.11	0.10	0.10	0.12	0.12	2.8	
27	4.520	3.456	33	124	1.6	1.7	2.1	1.2	2.4	1.6	0.13	0.13	0.11	0.11	0.11	0.10	2.8	
28	4.530	3.648	34	126	2.1	2.1	2.6	1.3	2.5	1.9	0.10	0.09	0.09	0.08	0.09	0.09	2.7	
29	7.110	5.730	26	124	2.0	2.3	2.1	2.7	2.3	1.6	0.09	0.08	0.09	0.08	0.08	0.07	2.8	
30	5.630	5.292	28	130	1.1	1.7	1.7	1.2	1.8	1.5	0.07	0.06	0.07	0.08	0.08	0.08	2.8	
31																		
Total	145.360	139.428		**Max**	2.3	3.8	3.3	2.8	3.6	2.8								
Avg	4.845	4.648		**Avg**	1.6	2.0	1.9	1.6	2.2	1.9								
Max	7.110	5.892		**95th %**	2.2	2.6	2.7	2.5	3.0	2.5								
Min	3.740	3.418		**Min**	1.0	1.0	1.0	1.0	1.2	1.2								

95th percentile based on data from all basins	2.7

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.

SUBMITTED BY:		**Certificate No. and Grade:** WO0024634, A	**Date:**	May 6, 2022