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:** 11,082
Month: January	**Year:** 2021	**Population:** 23,770

PERFORMANCE DATA

Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES NTU	Alk.	Basin No. 1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Lowest Residual	Time*
1	5.500	5.481	27	112	1.4	1.0	1.1	0.8	1.0	0.9	0.08	0.07	0.06	0.06	0.07	0.09	3.3	
2	5.560	4.979	24	112	1.0	1.2	1.1	0.9	1.0	1.0	0.05	0.05	0.05	0.05	0.06	0.06	3.4	
3	5.490	4.228	24	112	1.0	1.1	1.1	1.1	1.2	0.9	0.06	0.04	0.05	0.04	0.04	0.04	3.0	
4	5.500	4.484	25	112	1.1	1.2	1.4	1.0	1.4	1.0	0.05	0.04	0.04	0.05	0.04	0.05	2.8	
5	5.710	4.597	25	112	1.4	1.7	1.5	1.2	1.3	1.2	0.04	0.04	0.04	0.07	0.09	0.08	2.8	
6	5.560	4.009	29	112	1.8	1.4	1.4	1.2	1.4	1.2	0.09	0.10	0.09	0.10	0.11	0.11	2.8	
7	5.500	3.897	24	113	1.3	1.5	1.3	1.0	1.2	1.1	0.10	0.08	0.06	0.07	0.08	0.06	2.9	
8	5.570	4.271	27	111	1.2	1.4	1.5	1.0	1.3	1.1	0.07	0.06	0.04	0.05	0.05	0.05	2.8	
9	5.580	5.067	27	110	1.0	1.3	1.2	1.0	1.4	1.0	0.04	0.04	0.03	0.04	0.04	0.04	2.8	
10	5.520	4.620	28	110	1.1	1.3	1.5	1.1	1.2	1.1	0.04	0.03	0.03	0.04	0.04	0.04	2.7	
11	5.610	4.902	27	110	1.0	1.1	1.2	1.0	1.1	1.0	0.04	0.03	0.03	0.03	0.04	0.04	2.8	
12	5.640	4.540	26	111	0.9	1.1	2.0	1.1	1.2	1.0	0.04	0.05	0.04	0.04	0.04	0.07	2.9	
13	5.600	4.552	26	109	1.5	1.3	1.3	1.0	1.4	1.1	0.09	0.05	0.04	0.03	0.05	0.04	2.6	
14	5.610	3.842	24	111	1.0	1.3	1.5	1.1	1.2	1.1	0.05	0.04	0.04	0.06	0.05	0.05	2.9	
15	7.060	5.877	31	108	1.4	1.4	1.5	1.1	1.7	1.4	0.09	0.06	0.06	0.09	0.08	0.07	2.8	
16	6.970	6.478	27	112	1.2	1.9	1.6	1.1	1.5	1.3	0.04	0.04	0.05	0.06	0.08	0.06	2.9	
17	6.240	5.389	26	112	1.3	1.5	1.6	1.3	1.4	1.2	0.04	0.04	0.07	0.06	0.05	0.04	2.5	
18	5.530	5.238	26	112	1.5	1.2	1.5	1.4	1.6	1.2	0.04	0.03	0.03	0.04	0.06	0.05	2.7	
19	5.460	4.122	24	112	1.2	1.6	1.6	1.2	1.4	1.2	0.04	0.04	0.05	0.06	0.06	0.06	2.8	
20	5.440	5.513	25	112	1.0	1.4	1.5	1.1	1.3	1.1	0.07	0.06	0.05	0.05	0.04	0.04	2.8	
21	5.450	4.886	23	112	1.1	1.4	1.6	1.2	1.3	1.1	0.05	0.05	0.06	0.05	0.05	0.05	2.6	
22	5.440	4.077	24	110	1.2	1.2	1.3	1.0	1.3	1.0	0.04	0.04	0.05	0.04	0.06	0.06	2.9	
23	5.510	5.393	25	110	0.9	0.9	1.2	0.9	1.0	0.7	0.06	0.06	0.05	0.06	0.06	0.05	2.8	
24	5.500	4.845	28	112	0.8	0.9	1.0	0.8	0.8	0.6	0.05	0.05	0.05	0.05	0.05	0.05	2.7	
25	5.580	6.056	24	112	0.7	0.9	0.9	0.8	0.8	0.7	0.05	0.05	0.06	0.07	0.06	0.05	2.7	
26	6.130	4.997	22	112	1.4	1.3	1.4	1.2	1.4	1.1	0.05	0.06	0.06	0.07	0.06	0.06	2.9	
27	6.440	5.990	26	112	1.3	1.5	1.6	1.3	1.6	1.2	0.05	0.06	0.05	0.06	0.05	0.05	2.9	
28	6.160	4.905	25	112	1.2	1.2	1.4	1.1	1.5	1.0	0.07	0.05	0.04	0.05	0.04	0.05	2.9	
29	5.580	3.980	30	108	1.3	1.5	1.9	1.3	1.7	1.5	0.07	0.07	0.06	0.06	0.06	0.05	2.8	
30	4.990	5.439	29	113	1.2	1.4	1.6	1.2	1.5	1.2	0.05	0.04	0.04	0.04	0.04	0.04	2.6	
31	4.290	4.316	29	114	1.2	1.4	1.5	1.2	1.8	1.4	0.04	0.04	0.04	0.05	0.04	0.04	2.5	

	Raw	Treated			1	2	3	4	5	6
Total	175.720	150.970	**Max**		1.8	1.9	2.0	1.4	1.8	1.5
Avg	5.668	4.870	**Avg**		1.2	1.3	1.4	1.1	1.3	1.1
Max	7.060	6.478	**95th %**		1.5	1.7	1.8	1.3	1.7	1.4
Min	4.290	3.842	**Min**		0.7	0.9	0.9	0.8	0.8	0.6

95th percentile based on data from all basins	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.

SUBMITTED BY:	**Certificate No. and Grade:** WO0024634, A	**Date:** February 4, 2021