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.:** 15001   **Connections:** 11,950

Month: December   **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 Basin No. 1	2	3	4	5	6	Combined Filter Effluent Turbidity NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Lowest Residual	Time=
1	6.500	4.994	23	97	0.9	1.1	x	1.0	0.8	1.0	0.09	0.08	0.08	0.08	0.06	0.07	3.2	
2	6.250	5.210	24	90	0.9	1.0	0.8	1.4	0.9	1.0	0.07	0.09	0.08	0.09	0.10	0.07	3.2	
3	5.850	5.397	26	90	0.8	1.0	x	0.9	0.8	1.1	0.09	0.05	0.09	0.09	0.06	0.07	3.3	
4	6.030	5.036	24	95	0.7	0.8	x	1.1	1.0	0.9	0.06	0.06	0.07	0.07	0.06	0.06	3.1	
5	6.170	5.179	23	98	0.9	0.9	x	1.2	1.2	0.9	0.06	0.06	0.07	0.08	0.09	0.08	3.1	
6	6.060	4.458	22	98	0.8	0.9	x	1.0	1.0	0.9	0.08	0.09	0.08	0.09	0.11	0.08	3.1	
7	6.290	6.134	19	98	1.0	0.7	x	0.8	0.9	0.7	0.11	0.10	0.08	0.07	0.09	0.08	3.0	
8	7.160	5.469	18	88	0.6	1.0	x	0.8	0.5	0.6	0.11	0.11	0.10	0.14	0.10	0.10	3.1	
9	5.050	5.427	20	98	0.6	0.5	1.0	0.6	0.7	0.5	0.11	0.14	0.12	0.09	0.11	0.10	3.0	
10	5.940	5.392	28	96	0.8	0.9	1.2	0.9	0.8	0.8	0.09	0.10	0.12	0.10	0.09	0.08	2.9	
11	5.930	5.805	20	96	0.6	0.7	1.0	0.6	0.7	0.6	0.10	0.10	0.10	0.11	0.10	0.10	2.9	
12	4.970	4.220	29	97	0.8	0.6	1.2	0.8	0.9	0.6	0.10	0.09	0.11	0.11	0.11	0.13	2.9	
13	4.540	4.378	21	96	0.6	0.7	1.1	0.7	0.7	0.5	0.13	0.12	0.11	0.10	0.10	0.13	2.9	
14	6.040	4.410	21	98	0.7	0.7	0.9	0.6	0.7	0.6	0.09	0.09	0.10	0.09	0.09	0.09	2.9	
15	5.590	5.062	19	97	0.5	0.7	0.7	0.5	0.5	0.5	0.09	0.09	0.08	0.08	0.07	0.08	3.0	
16	5.020	5.666	20	96	0.6	0.5	0.8	0.5	0.7	0.5	0.08	0.08	0.08	0.08	0.14	0.08	3.0	
17	5.080	4.394	22	98	0.6	0.6	0.7	0.5	0.5	0.7	0.08	0.07	0.08	0.08	0.09	0.07	3.0	
18	5.060	4.519	24	96	0.6	0.8	0.5	0.6	0.4	0.4	0.07	0.07	0.07	0.06	0.06	0.07	3.1	
19	6.030	4.830	27	99	0.8	0.4	1.0	0.5	0.6	0.5	0.06	0.06	0.07	0.07	0.08	0.07	3.0	
20	5.700	5.042	29	100	0.5	0.4	0.7	0.5	0.5	0.5	0.08	0.08	0.07	x	0.10	0.08	3.1	
21	7.150	4.915	28	100	0.8	0.7	1.1	0.8	0.7	0.5	0.08	0.09	0.08	0.08	0.09	0.09	3.3	
22	7.050	5.693	21	98	0.6	0.7	0.9	0.6	0.6	0.5	0.09	0.09	0.08	0.08	0.07	0.07	3.3	
23	7.370	7.167	19	102	0.7	0.6	0.5	0.7	0.5	0.4	0.09	0.08	0.08	0.07	0.07	0.08	3.3	
24	10.250	8.708	22	100	0.8	0.6	0.9	0.5	0.7	0.6	0.07	0.07	0.07	0.07	0.06	0.08	3.3	
25	10.780	8.871	21	100	0.8	0.8	1.3	0.9	1.0	0.8	0.07	0.07	0.08	0.07	0.07	0.07	3.2	
26	8.370	6.330	21	100	0.8	0.7	0.7	0.6	0.6	0.8	0.07	0.07	0.08	0.07	0.07	0.07	3.3	
27	8.250	6.216	18	99	0.6	0.6	0.9	0.4	0.6	0.6	0.08	0.07	0.08	0.07	0.07	0.09	3.3	
28	7.200	6.302	18	98	0.6	0.7	1.0	0.6	1.0	0.6	0.07	0.07	0.07	0.07	0.07	0.08	3.1	
29	7.010	4.550	18	100	0.9	0.9	1.1	1.1	0.9	1.0	0.08	0.08	0.09	0.08	0.09	0.09	3.0	
30	5.830	4.999	17	100	0.5	0.6	0.8	0.7	0.5	0.5	0.08	0.09	0.08	0.09	0.08	0.08	3.0	
31	5.220	5.416	21	98	0.9	1.0	0.8	0.6	1.1	1.0	0.09	0.09	0.08	0.08	0.09	0.08	2.7	

	Raw Water	Treated Water									
Total	199.740	170.189	**Max**	1.0	1.1	1.3	1.4	1.2	1.1	
Avg	6.443	5.490	**Avg**	0.7	0.7	0.9	0.7	0.7	0.7	
Max	10.780	8.871	**95th %**	0.9	1.0	1.2	1.2	1.1	1.0	
Min	4.540	4.220	**Min**	0.5	0.4	0.5	0.4	0.4	0.4	

95th percentile based on data from all basins	1.1

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:** January 5, 2023