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: February **Year:** 2024 **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	6.660	5.457	15	104	1.1	1.1	1.3	1.3	1.4	1.0	0.09	0.10	0.10	0.09	0.11	0.09	2.8	
2	5.540	5.339	13	100	0.8	0.9	1.2	1.1	0.9	0.8	0.08	0.08	0.08	0.09	0.07	0.08	2.6	
3	7.960	6.125	13	103	0.9	1.1	1.7	1.0	1.2	1.3	0.07	0.12	0.11	0.09	0.08	0.09	2.7	
4	6.790	5.120	17	98	0.9	0.8	1.2	1.1	0.9	1.1	0.07	0.08	0.07	0.07	0.06	0.06	2.9	
5	6.440	5.750	17	100	0.7	0.9	1.1	0.9	1.1	0.8	0.06	0.07	0.06	0.06	0.09	0.09	2.8	
6	6.520	5.915	14	105	0.8	1.0	1.2	0.9	1.1	1.0	0.09	0.10	0.09	0.09	0.10	0.08	2.9	
7	6.410	5.770	14	100	1.3	1.3	1.6	1.3	2.0	1.0	0.10	0.10	0.09	0.08	0.09	0.08	2.9	
8	6.330	5.108	20	102	1.0	1.3	1.7	1.4	1.5	1.0	0.10	0.10	0.08	0.10	0.09	0.07	2.9	
9	6.350	5.515	17	104	1.6	1.2	1.8	1.7	1.5	1.2	0.09	0.09	0.08	0.11	0.10	0.08	2.9	
10	6.460	5.749	22	108	1.4	1.2	1.7	1.6	1.7	1.2	0.08	0.08	0.09	0.10	0.09	0.09	2.8	
11	6.630	4.863	16	102	1.1	1.6	1.8	1.7	2.0	1.4	0.10	0.10	0.11	0.20	0.17	0.11	2.7	
12	6.900	4.776	16	103	1.1	1.4	1.9	1.4	1.5	1.5	0.10	0.07	0.09	0.10	0.10	0.10	2.8	
13	5.140	5.892	18	101	1.0	1.6	1.4	1.1	1.3	1.1	0.09	0.10	0.11	0.11	0.09	0.10	2.7	
14	5.040	5.172	21	107	1.1	1.6	1.4	1.2	1.8	1.1	0.10	0.10	0.09	0.09	0.10	0.09	2.8	
15	6.310	5.902	18	102	1.2	1.8	1.8	1.5	1.9	1.4	0.11	0.11	0.11	0.11	0.11	0.10	2.9	
16	7.340	5.506	19	105	1.6	2.1	2.6	1.9	2.4	1.8	0.10	0.11	0.09	0.10	0.10	0.10	3.0	
17	5.950	5.016	25	107	2.6	2.0	2.1	1.6	2.0	1.6	0.09	0.09	0.11	0.12	0.10	0.10	3.0	
18	5.340	4.662	24	96	1.2	1.5	1.7	1.2	1.2	1.3	0.10	0.09	0.09	0.08	0.08	0.08	3.0	
19	7.470	5.581	23	104	1.1	1.9	2.0	1.1	1.4	1.5	0.07	0.08	0.08	0.09	0.10	0.10	2.9	
20	6.750	5.950	20	104	1.6	2.2	2.0	1.6	2.1	1.6	0.10	0.11	0.12	0.12	0.12	0.11	3.0	
21	5.580	4.753	17	108	1.1	1.5	1.3	1.4	1.5	1.2	0.11	0.11	0.11	0.10	0.09	0.08	3.0	
22	6.490	6.160	15	112	1.3	1.5	1.7	1.4	1.6	1.4	0.11	0.10	0.09	0.10	0.10	0.10	3.0	
23	6.520	5.052	21	115	1.3	1.6	1.8	1.4	1.7	1.4	0.11	0.09	0.10	0.10	0.12	0.11	2.8	
24	6.530	5.380	21	114	1.6	1.6	1.9	1.3	1.7	1.4	0.11	0.11	0.13	0.13	0.12	0.11	3.0	
25	6.480	5.403	17	116	1.2	1.4	1.7	1.3	1.3	1.6	0.10	0.10	0.10	0.10	0.08	0.09	3.1	
26	6.450	5.266	19	116	1.4	1.4	2.0	1.4	2.0	1.3	0.08	0.08	0.08	0.09	0.11	0.11	2.9	
27	6.570	5.315	16	114	1.3	1.6	1.7	1.4	1.9	1.3	0.13	0.13	0.12	0.14	0.13	0.14	2.9	
28	6.510	5.312	24	117	1.5	1.5	2.0	1.2	1.6	1.1	0.13	0.14	0.13	0.14	0.15	0.12	3.1	
29	6.490	4.895	32	116	3.4	1.2	2.0	1.1	1.8	1.0	0.13	0.12	0.11	0.10	0.10	0.10	3.1	
30																		
31																		
Total	185.950	156.704		Max	3.4	2.2	2.6	1.9	2.4	1.8								
Avg	6.412	5.404		Avg	1.3	1.4	1.7	1.3	1.6	1.3								
Max	7.960	6.160		95th %	2.2	2.1	2.1	1.7	2.1	1.6								
Min	5.040	4.662		Min	0.7	0.8	1.1	0.9	0.9	0.8								
				95th percentile based on data from all basins						2.0								

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:** March 4, 2024