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:** 10,921

Month: August   **Year:** 2019   **Population:** 23,770

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	7.960	6.691	26	106	1.3	1.7	1.4	1.4	1.3	1.2	0.14	0.10	0.13	0.14	0.11	0.13	2.8	
2	6.910	6.673	27	104	1.3	1.7	1.9	1.2	1.5	0.9	0.13	0.10	0.09	0.09	0.10	0.13	2.8	
3	6.910	7.358	22	102	1.0	1.6	1.2	1.1	1.1	1.3	0.08	0.10	0.08	0.08	0.10	0.08	3.0	
4	6.930	7.582	18	104	0.9	0.9	0.9	1.1	0.7	0.7	0.08	0.08	0.09	0.12	0.09	0.12	3.0	
5	6.940	6.853	16	104	0.7	0.7	0.9	0.5	0.8	0.6	0.08	0.08	0.11	0.08	0.09	0.09	2.9	
6	6.960	7.197	13	102	0.8	0.6	0.9	1.2	1.1	1.1	0.09	0.09	0.09	0.08	0.10	0.09	2.9	
7	7.000	7.087	13	102	0.8	0.9	1.1	0.7	0.8	0.7	0.10	0.10	0.11	0.10	0.09	0.10	3.0	
8	7.770	7.184	12	94	0.8	0.8	0.9	0.6	0.8	1.0	0.09	0.09	0.08	0.12	0.11	0.11	3.1	
9	8.410	8.026	10	94	1.1	0.9	0.8	0.8	0.9	0.8	0.09	0.09	0.11	0.12	0.10	0.11	3.2	
10	8.430	8.139	15	95	0.8	0.9	1.0	1.4	0.9	0.8	0.12	0.12	0.13	0.13	0.12	0.10	3.2	
11	8.420	7.969	13	100	0.7	0.8	0.8	0.8	1.0	0.8	0.11	0.11	0.11	0.11	0.11	0.11	3.1	
12	8.410	7.840	15	98	0.8	0.6	1.0	0.8	1.0	0.8	0.11	0.13	0.13	0.15	0.13	0.13	3.1	
13	8.390	7.955	15	98	0.9	1.5	1.5	1.2	1.3	1.2	0.14	0.13	0.13	0.13	0.14	0.11	3.1	
14	8.460	8.201	14	98	1.2	1.3	1.2	1.1	1.5	1.0	0.12	0.11	0.11	0.10	0.09	0.07	3.1	
15	7.950	8.070	12	102	1.2	1.4	1.2	1.0	1.2	0.9	0.11	0.10	0.08	0.10	0.07	0.09	3.0	
16	8.110	8.173	14	100	0.9	1.5	1.1	1.2	1.2	1.1	0.09	0.14	0.07	0.08	0.09	0.08	2.9	
17	8.420	7.360	17	98	1.1	1.0	1.1	1.0	1.4	1.1	0.10	0.09	0.07	0.10	0.10	0.10	3.0	
18	8.430	8.392	19	100	1.0	1.5	1.2	1.7	1.2	1.1	0.09	0.09	0.08	0.10	0.09	0.10	3.0	
19	8.410	8.253	18	102	0.9	0.9	1.1	1.0	1.3	0.8	0.11	0.09	0.09	0.11	0.12	0.13	3.0	
20	8.420	8.823	17	100	1.1	1.2	1.2	1.1	1.3	1.2	0.12	0.12	0.11	0.12	0.12	0.14	3.2	
21	6.490	6.493	18	100	0.9	0.8	1.3	1.0	1.3	0.8	0.11	0.11	0.11	0.11	0.13	0.12	2.8	
22	8.210	7.112	17	100	0.8	0.8	1.0	0.9	1.1	0.9	0.14	0.12	0.12	0.13	0.11	0.10	2.6	
23	8.440	7.297	17	102	1.0	1.0	1.2	1.0	1.2	0.9	0.10	0.14	0.08	0.08	0.10	0.10	3.0	
24	7.090	8.119	15	104	1.6	1.8	1.8	1.8	1.7	1.9	0.11	0.07	0.06	0.06	0.09	0.07	3.1	
25	6.090	6.490	20	102	0.8	1.0	0.9	0.9	1.0	0.7	0.07	0.10	0.09	0.09	0.05	0.07	2.9	
26	7.500	7.096	14	100	0.9	0.7	1.0	0.9	1.2	0.7	0.06	0.06	0.07	0.08	0.10	0.09	2.9	
27	7.000	7.052	26	100	1.4	1.6	1.5	1.2	1.6	1.2	0.12	0.13	0.09	0.10	0.09	0.13	3.0	
28	6.190	5.776	19	100	1.0	1.1	0.9	0.8	1.1	0.6	0.12	0.08	0.07	0.06	0.08	0.10	2.7	
29	6.150	6.306	25	101	1.0	1.0	1.2	0.9	1.4	0.9	0.07	0.08	0.07	0.06	0.07	0.11	3.0	
30	8.480	8.002	19	101	1.2	1.3	1.8	1.1	2.0	0.8	0.07	0.07	0.07	0.06	0.06	0.06	2.9	
31	8.100	8.031	29	105	1.1	1.2	1.5	1.0	1.5	1.1	0.08	0.06	0.07	0.08	0.08	0.06	3.1	
Total	237.380	231.600		Max	1.6	1.8	1.9	1.8	2.0	1.9								
Avg	7.657	7.471		Avg	1.0	1.1	1.2	1.0	1.2	1.0								
Max	8.480	8.823		95th %	1.4	1.7	1.8	1.6	1.7	1.3								
Min	6.090	5.776		Min	0.7	0.6	0.8	0.5	0.7	0.6								

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.

95th percentile based on data from all basins	1.7

SUBMITTED BY: _____   **Certificate No. and Grade:** WO0024634, A   **Date:** September 6, 2019