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: July   **Year:** 2023   **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	7.600	7.656	18	96	3.6	3.7	4.5	3.3	4.5	3.2	0.07	0.08	0.10	0.10	0.08	0.08	2.8	
2	5.910	5.957	16	97	3.6	4.0	3.4	4.2	3.7	4.0	0.09	0.09	0.11	0.09	0.08	0.08	2.6	
3	7.490	6.697	27	99	2.7	3.5	4.0	2.9	4.1	3.1	0.08	0.10	0.10	0.07	0.07	0.06	2.7	
4	7.880	6.671	29	100	3.3	4.2	3.8	3.3	3.4	4.0	0.07	0.09	0.07	0.09	0.09	0.09	2.8	
5	7.970	6.126	19	100	4.5	6.1	6.1	4.7	6.7	5.6	0.08	0.13	0.14	0.11	0.09	0.09	2.8	
6	6.100	5.880	16	98	3.3	4.5	4.5	3.2	4.7	3.7	0.10	0.13	0.10	0.08	0.08	0.09	2.8	
7	7.190	7.175	19	96	3.6	5.6	5.5	4.0	5.8	4.7	0.09	0.11	0.10	0.10	0.10	0.08	2.6	
8	7.230	5.475	14	100	5.6	7.0	6.9	5.6	8.0	6.4	0.07	0.07	0.09	0.10	0.10	0.11	2.9	
9	7.150	6.399	15	96	4.5	5.9	5.9	4.0	6.1	5.0	0.11	0.10	0.12	0.12	0.11	0.10	2.8	
10	7.610	7.370	14	100	5.6	6.7	8.2	5.7	8.4	5.9	0.10	0.10	0.14	0.12	0.12	0.11	2.7	
11	8.010	7.296	12	98	6.2	9.4	7.7	6.5	8.0	8.3	0.12	0.12	0.08	0.10	0.12	0.13	2.7	
12	7.970	7.014	13	96	5.9	8.1	8.4	5.3	9.1	5.5	0.13	0.13	0.07	0.09	0.07	0.06	2.8	
13	8.030	7.064	14	96	4.4	5.3	5.3	4.6	5.6	6.1	0.07	0.07	0.06	0.05	0.07	0.07	2.8	
14	8.090	7.047	15	94	2.6	3.5	4.3	2.7	5.4	3.2	0.08	0.07	0.06	0.06	0.06	0.08	2.7	
15	8.070	6.675	14	97	2.6	3.8	2.9	3.2	3.7	2.6	0.07	0.06	0.06	0.06	0.05	0.06	3.0	
16	8.040	7.821	22	97	2.3	3.1	3.1	2.2	3.3	2.9	0.07	0.07	0.06	0.06	0.07	0.07	3.0	
17	8.030	7.438	23	98	2.7	3.3	3.5	2.4	4.3	3.2	0.07	0.06	0.08	0.07	0.08	0.07	2.9	
18	8.930	6.912	17	96	2.9	3.8	3.7	3.0	4.1	3.7	0.06	0.07	0.07	0.06	0.06	0.06	2.9	
19	8.910	8.064	22	94	2.4	3.2	3.0	2.5	3.2	3.0	0.08	0.09	0.06	0.06	0.06	0.05	3.0	
20	8.910	7.747	24	96	1.9	2.5	2.5	1.8	3.0	2.3	0.07	0.09	0.05	0.06	0.05	0.05	3.0	
21	8.930	7.260	20	94	2.0	2.7	1.7	2.7	2.9	2.4	0.06	0.07	0.07	0.08	0.06	0.07	2.9	
22	8.580	7.851	14	94	2.2	2.6	2.7	2.4	3.0	2.3	0.05	0.05	0.04	0.06	0.05	0.05	2.9	
23	6.540	6.874	13	98	1.1	1.7	1.7	1.2	1.8	1.7	0.04	0.04	0.04	0.05	0.05	0.07	2.8	
24	8.920	8.400	15	94	1.6	1.6	1.4	2.2	2.0	1.5	0.11	0.08	0.05	0.05	0.04	0.07	2.9	
25	9.970	8.333	15	94	1.8	2.4	2.4	1.9	2.0	2.3	0.09	0.08	0.06	0.06	0.07	0.07	3.0	
26	10.000	8.549	15	92	1.8	2.2	2.8	3.9	3.0	2.0	0.07	0.08	0.06	0.06	0.07	0.06	3.0	
27	9.000	8.272	19	94	1.8	2.2	2.8	1.9	3.2	1.9	0.07	0.08	0.06	0.07	0.06	0.06	3.0	
28	8.480	7.333	13	96	2.1	2.4	2.7	1.9	2.6	1.7	0.08	0.08	0.07	0.07	0.06	0.07	3.0	
29	8.580	7.684	11	94	2.6	2.1	3.4	2.2	2.7	2.5	0.05	0.06	0.06	0.06	0.06	0.06	3.0	
30	8.630	7.816	11	89	1.7	2.7	2.5	1.8	2.9	2.5	0.06	0.06	0.06	0.06	0.05	0.05	2.9	
31	9.540	9.191	15	90	1.7	2.0	2.4	1.6	2.7	1.8	0.05	0.04	0.07	0.06	0.07	0.07	2.9	

	Raw Water	Treated Water			Basin	1	2	3	4	5	6
Total	252.290	226.047		**Max**		6.2	9.4	8.4	6.5	9.1	8.3
Avg	8.138	7.292		**Avg**		3.1	3.9	4.0	3.2	4.3	3.5
Max	10.000	9.191		**95th %**		5.8	7.6	8.0	5.7	8.2	6.3
Min	5.910	5.475		**Min**		1.1	1.6	1.4	1.2	1.8	1.5

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   **7.5**

SUBMITTED BY: _____

Certificate No. and Grade: WO0024634, A   **Date:** August 4, 2023