

# 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: <u>City of Corsicana</u>	PLANT NAME OR NUMBER: <u>Navarro Mills</u>
PWS ID No.: <u>1750002</u> Plant ID No.: <u>15001</u>	Connections: <u>11,950</u>
Month: <u>August</u> Year: <u>2024</u>	Population: <u>24,190</u>

PERFORMANCE DATA																			
Date	Raw Water Pumpage (MG)	Treated Water Pumpage (MG)	RAW WATER ANALYSES		SETTLED WATER TURBIDITY (Mandatory Data)						FINISHED WATER QUALITY								
			NTU	Alk.	Basin No.						Combined Filter Effluent Turbidity						Lowest Residual	Time=	
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6			
1	10.070	8.072	13	130	1.5	1.0	1.4	1.2	1.7	0.9	0.08	0.09	0.10	0.08	0.07	0.11	2.6		
2	8.510	7.521	11	132	0.8	1.0	1.0	1.0	1.0	1.0	0.08	0.07	0.08	0.07	0.08	0.08	2.9		
3	8.060	5.773	9	130	1.2	1.1	1.1	1.0	1.1	0.9	0.05	0.05	0.06	0.05	0.05	0.04	2.8		
4	7.320	7.455	9	130	0.8	1.0	1.1	0.9	1.0	1.3	0.04	0.05	0.06	0.06	0.04	0.04	2.7		
5	9.770	8.144	11	136	0.9	1.1	1.3	0.8	1.2	0.8	0.04	0.06	0.07	0.07	0.08	0.10	2.6		
6	10.090	7.791	7	130	0.7	0.9	0.9	0.7	0.8	0.8	0.06	0.07	0.07	0.05	0.06	0.09	2.6		
7	10.000	7.539	10	128	0.8	1.0	1.1	0.9	1.0	0.8	0.09	0.09	0.07	0.07	0.11	0.08	2.8		
8	8.740	7.864	9	127	0.9	1.0	1.1	0.8	1.2	1.0	0.07	0.07	0.06	0.07	0.10	0.08	2.7		
9	8.800	8.153	14	130	1.2	1.2	1.0	1.5	0.9	0.8	0.07	0.06	0.05	0.06	0.08	0.08	2.7		
10	9.010	6.809	14	138	1.0	0.8	1.3	1.2	1.0	1.3	0.05	0.05	0.06	0.08	0.06	0.05	2.8		
11	8.990	7.587	11	128	0.7	0.9	1.0	1.4	1.2	1.1	0.05	0.05	0.07	0.06	0.09	0.05	2.8		
12	9.040	7.881	8	127	1.0	0.8	1.1	1.0	1.0	0.7	0.05	0.06	0.06	0.06	0.08	0.06	2.7		
13	9.030	7.369	10	127	0.8	0.9	0.9	1.2	0.9	0.8	0.06	0.06	0.06	0.06	0.07	0.06	2.6		
14	9.350	8.022	8	125	1.0	1.1	1.0	1.1	0.9	1.1	0.08	0.09	0.06	0.07	0.07	0.07	2.8		
15	9.450	7.854	9	121	1.2	1.0	1.1	1.1	1.1	1.1	0.07	0.07	0.07	0.06	0.06	0.06	2.9		
16	9.210	7.469	8	120	0.8	1.1	1.3	0.8	0.9	0.8	0.06	X	0.11	0.11	0.09	0.09	0.6		
17	10.440	8.382	10	116	0.8	0.9	1.0	0.8	1.2	0.8	0.07	0.08	0.08	0.07	0.07	0.07	2.7		
18	9.490	7.518	12	120	1.0	1.2	0.9	0.9	1.0	1.1	0.06	0.06	0.06	0.06	0.06	0.06	2.7		
19	10.070	8.598	8	120	0.9	1.0	0.9	0.8	1.1	0.9	0.06	0.06	0.07	0.06	0.06	0.06	2.8		
20	10.380	7.687	9	126	1.1	0.9	1.0	0.8	0.9	0.8	0.06	0.06	0.06	0.06	0.08	0.05	2.8		
21	10.430	9.656	8	120	1.0	0.9	1.0	1.0	0.8	1.0	0.06	0.07	0.05	0.06	0.05	0.08	2.8		
22	10.420	8.136	12	120	1.0	1.2	1.1	1.0	0.9	1.1	0.05	0.07	0.07	0.09	0.07	0.06	2.8		
23	10.430	8.341	11	120	1.1	1.1	0.9	1.0	1.0	0.9	0.06	0.06	0.05	0.06	0.08	0.06	2.8		
24	10.430	9.499	9	118	1.4	0.9	1.7	1.1	1.3	1.0	0.05	0.05	0.06	0.05	0.05	0.07	2.7		
25	10.460	7.747	10	117	1.0	0.9	1.1	0.9	1.2	1.3	0.05	0.06	0.04	0.06	0.07	0.06	2.8		
26	10.430	8.936	10	120	1.0	1.4	1.4	1.3	1.1	1.3	0.07	0.06	0.05	0.04	0.04	0.06	2.8		
27	9.960	8.653	9	122	1.2	0.9	1.2	1.1	1.3	0.8	0.05	0.05	0.04	0.06	0.06	0.04	2.8		
28	9.630	8.316	12	122	1.1	1.2	1.2	1.0	1.1	1.0	0.05	0.05	0.05	0.04	0.09	0.09	2.9		
29	9.920	9.213	12	122	1.4	1.2	1.5	1.2	1.4	1.0	0.05	0.04	0.04	0.04	0.04	0.05	3.0		
30	10.420	7.706	14	122	1.1	1.3	1.2	1.0	1.2	1.5	0.05	0.06	0.05	0.05	0.09	0.06	3.1		
31	9.850	8.155	16	120	1.5	1.2	1.7	1.1	2.1	1.0	0.05	0.05	0.05	0.06	0.08	0.05	3.0		
Total	298.200	247.846			Max	1.5	1.4	1.7	1.5	2.1	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.							
Avg	9.619	7.995			Avg	1.0	1.0	1.1	1.0	1.1	1.0								
Max	10.460	9.656			95th %	1.5	1.3	1.6	1.4	1.6	1.3								
Min	7.320	5.773			Min	0.7	0.8	0.9	0.7	0.8	0.7								
95th percentile based on data from all basins											1.4								

SUBMITTED BY: \_\_\_\_\_ Certificate No. and Grade: WO0024634, A Date: September 5, 2024