

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>June</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	6.140	5.584	9	126	1.1	0.8	0.9	1.0	0.8	X	0.14	0.07	0.08	0.06	0.06	0.06	2.8			
2	6.190	4.980	10	124	1.1	1.1	0.7	1.4	0.9	X	0.05	0.06	0.07	0.08	0.05	0.06	1.8			
3	6.670	5.251	12	126	0.8	1.4	1.2	1.1	1.0	X	0.09	0.06	0.17	0.20	0.13	0.12	2.5			
4	7.120	5.776	14	117	0.7	0.7	0.8	0.6	0.8	1.0	0.08	0.09	0.09	0.08	0.07	0.07	2.9			
5	7.020	5.292	14	112	1.0	0.8	0.8	2.5	0.9	1.7	0.08	0.10	0.06	0.10	0.11	0.11	2.9			
6	7.060	5.024	12	116	0.6	0.5	0.8	0.7	0.7	0.8	0.08	0.07	0.06	0.06	0.07	0.08	2.9			
7	6.820	5.805	12	115	0.6	0.8	0.8	0.8	0.7	0.7	0.07	0.08	0.08	0.06	0.07	0.07	2.8			
8	7.130	5.943	9	116	0.8	0.9	0.9	0.9	1.0	0.7	0.07	0.08	0.07	0.08	0.06	0.06	3.0			
9	7.070	5.467	9	124	0.9	1.1	0.6	0.6	1.0	0.9	0.05	0.05	0.09	0.07	0.07	0.06	2.9			
10	7.110	6.130	6	120	0.6	0.5	0.6	0.7	0.6	0.4	0.06	0.05	0.06	0.10	0.10	0.07	2.9			
11	7.100	5.122	6	114	0.6	0.6	0.7	0.6	0.7	0.7	0.08	0.10	0.07	0.06	0.07	0.06	3.0			
12	6.760	6.096	5	115	0.6	0.8	0.7	0.6	0.6	0.8	0.10	0.07	0.07	0.07	0.10	0.09	3.0			
13	6.970	5.163	5	115	0.5	0.6	0.6	0.6	0.7	0.5	0.07	0.08	0.09	0.07	0.09	0.12	2.9			
14	6.960	5.868	5	118	0.6	0.7	0.6	0.8	0.5	0.5	0.06	0.06	0.07	0.07	0.09	0.08	2.7			
15	7.110	5.793	4	115	0.9	0.6	0.8	0.7	0.9	0.6	0.06	0.05	0.07	0.08	0.07	0.06	2.8			
16	7.140	6.011	5	116	0.6	0.9	1.1	0.8	0.7	0.7	0.05	0.07	0.06	0.07	0.07	0.06	2.8			
17	7.960	6.076	7	113	0.8	0.7	1.0	0.6	0.7	0.6	0.06	0.07	0.08	0.06	0.09	0.08	2.7			
18	8.010	6.738	6	117	0.6	0.6	0.8	0.6	0.9	0.6	0.09	0.08	0.08	0.07	0.06	0.06	2.9			
19	7.930	7.368	7	116	0.7	0.7	0.8	0.7	0.7	0.6	0.09	0.09	0.06	0.06	0.07	0.09	2.8			
20	7.320	6.697	7	116	0.5	0.6	0.9	0.7	0.7	0.4	0.09	0.10	0.08	0.07	0.07	0.10	2.8			
21	6.990	5.893	6	114	0.5	0.5	0.6	0.6	0.6	0.4	0.11	0.09	0.07	0.08	0.12	0.08	2.7			
22	7.000	5.957	5	121	0.8	0.7	0.8	0.6	0.7	0.4	0.07	0.07	0.06	0.06	0.06	0.06	2.8			
23	8.410	7.826	6	120	0.9	0.7	0.7	0.9	0.6	0.7	0.06	0.06	0.06	0.06	0.06	0.06	2.7			
24	10.350	8.321	5	117	0.6	0.9	0.4	0.9	0.6	0.6	0.07	0.07	0.10	0.11	0.11	0.12	2.9			
25	9.780	6.868	8	119	0.5	0.6	1.1	0.7	0.8	0.6	0.12	0.12	0.08	0.09	0.08	0.09	3.0			
26	7.980	8.341	6	115	0.7	0.7	0.7	1.0	0.7	0.7	0.10	0.10	0.07	0.08	0.12	0.09	2.8			
27	8.920	7.348	8	125	0.6	0.6	0.7	0.7	0.7	0.7	0.11	0.10	0.08	0.10	0.09	0.10	2.7			
28	9.250	7.613	4	121	0.8	0.7	1.0	0.9	0.7	0.6	0.12	0.12	0.10	0.10	0.11	0.11	2.7			
29	8.150	7.249	5	126	0.7	0.9	1.0	0.8	0.7	0.7	0.06	0.05	0.09	0.06	0.07	0.07	2.8			
30	8.100	6.458	8	120	0.7	0.9	0.6	0.6	0.8	1.0	0.06	0.07	0.06	0.08	0.07	0.07	2.7			
31																				
Total	226.520	188.058			Max	1.1	1.4	1.2	2.5	1.0	1.7	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	7.551	6.269			Avg	0.7	0.8	0.8	0.8	0.7	0.7									
Max	10.350	8.341			95th %	1.1	1.1	1.1	1.3	1.0	1.0									
Min	6.140	4.980			Min	0.5	0.5	0.4	0.6	0.5	0.4									
95th percentile based on data from all basins																			1.1	

SUBMITTED BY: _____ **Certificate No. and Grade:** WO0024634, A **Date:** July 3, 2024