

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: September Year: 2023 Population: 24,190

PERFORMANCE DATA																		
Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	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	10.040	7.927	15	86	1.1	1.3	1.3	1.5	1.8	1.3	0.06	0.07	0.05	0.04	0.05	0.05	3.0	
2	10.070	9.811	15	95	1.6	1.2	2.0	1.0	1.7	1.4	0.04	0.04	0.04	0.04	0.04	0.04	3.1	
3	10.260	8.083	14	95	1.1	1.4	1.6	1.1	1.7	1.6	0.04	0.04	0.04	0.04	0.04	0.04	3.1	
4	10.780	8.994	12	94	1.2	1.4	1.7	1.3	1.9	1.4	0.04	0.04	0.05	0.05	0.09	0.06	3.0	
5	9.900	9.013	17	90	1.2	2.3	1.6	1.9	1.7	1.5	0.08	0.08	0.05	0.07	0.06	0.05	3.0	
6	9.970	8.311	19	88	1.4	1.6	1.9	1.3	2.1	1.5	0.06	0.07	0.06	0.07	0.05	0.05	3.1	
7	10.000	8.600	17	90	1.3	1.0	2.3	1.1	1.8	1.7	0.06	0.07	0.06	0.06	0.07	0.06	3.0	
8	9.970	8.810	17	88	1.4	1.4	1.4	1.1	1.5	1.3	0.08	0.09	0.06	0.06	0.07	0.06	2.9	
9	9.530	6.562	20	90	2.0	1.4	2.2	1.6	2.4	1.6	0.05	0.04	0.07	0.05	0.04	0.04	3.0	
10	7.500	8.097	10	92	0.8	1.0	0.9	0.7	1.0	0.9	0.05	0.04	0.05	0.06	0.05	0.05	2.9	
11	8.140	7.631	14	96	0.9	1.6	1.5	1.2	2.1	1.9	0.05	0.05	0.04	0.04	0.03	0.05	3.0	
12	9.550	7.275	18	92	1.5	2.1	1.7	1.7	2.0	2.9	0.05	0.06	0.06	0.05	0.05	0.06	3.0	
13	8.200	6.523	15	90	1.3	1.8	1.8	1.1	1.6	2.1	0.05	0.04	0.04	0.06	0.05	0.05	3.0	
14	7.110	5.553	17	84	1.2	1.5	1.0	1.7	1.4	1.5	0.06	0.06	0.06	0.06	0.05	0.05	3.0	
15	6.120	5.325	19	90	0.9	1.3	0.7	0.8	2.1	0.7	0.07	0.07	0.06	0.05	0.06	0.05	3.0	
16	6.260	6.146	20	90	1.0	0.8	0.6	0.7	0.4	0.5	0.03	0.04	0.04	0.05	0.03	0.04	3.0	
17	8.010	6.855	23	91	0.7	0.8	0.7	0.7	0.7	0.7	0.04	0.04	0.05	0.05	0.05	0.05	3.1	
18	7.770	6.350	20	90	0.8	0.7	1.2	0.7	0.8	0.7	0.05	0.05	0.05	0.05	0.07	0.07	3.1	
19	8.020	6.714	20	88	0.9	0.9	0.7	1.0	1.3	0.9	0.05	0.06	0.05	0.05	0.05	0.05	3.3	
20	8.110	7.142	17	90	0.9	0.9	0.8	1.1	0.9	0.8	0.11	0.10	0.08	0.07	0.08	0.07	3.3	
21	8.030	7.412	17	88	1.0	1.3	0.9	0.7	1.3	1.2	0.09	0.10	0.10	0.09	0.09	0.10	3.2	
22	8.050	6.202	18	88	0.7	1.0	1.0	1.2	0.9	1.4	0.10	0.11	0.09	0.09	0.09	0.10	3.1	
23	7.870	6.722	19	84	2.0	1.6	2.4	1.2	2.2	1.7	0.07	0.07	0.08	0.08	0.07	0.07	3.1	
24	7.920	7.933	16	88	1.8	2.6	2.8	2.1	3.0	2.6	0.07	0.08	0.07	0.08	0.07	0.06	2.2	
25	7.910	7.160	25	90	2.5	2.5	3.6	2.1	3.9	2.5	0.06	0.07	0.06	0.07	0.08	0.07	3.0	
26	9.490	6.754	21	90	2.1	2.7	2.4	2.3	2.9	2.6	0.09	0.09	0.07	0.10	0.08	0.08	2.8	
27	7.020	6.768	17	78	2.1	2.3	1.5	1.5	2.6	2.2	0.08	0.07	0.08	0.07	0.07	0.05	2.7	
28	6.880	5.810	17	80	1.3	2.1	2.9	1.5	3.1	1.2	0.06	0.07	0.05	0.05	0.06	0.07	3.0	
29	7.720	5.473	16	80	1.5	1.9	2.1	1.9	2.2	1.7	0.06	0.07	0.06	0.05	0.04	0.05	3.0	
30	7.640	6.581	17	84	2.2	2.0	2.3	1.7	2.6	2.0	0.05	0.08	0.06	0.08	0.07	0.06	3.0	
31																		
Total	253.840	216.537			Max	2.5	2.7	3.6	2.3	3.9	2.9	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	8.461	7.218			Avg	1.3	1.5	1.7	1.3	1.9	1.5							
Max	10.780	9.811			95th %	2.2	2.6	2.9	2.1	3.1	2.6							
Min	6.120	5.325			Min	0.7	0.7	0.6	0.7	0.4	0.5							
95th percentile based on data from all basins											2.6							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: October 6, 2023