

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: May 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	5.310	4.756	23	117	1.1	1.5	1.7	1.5	1.7	1.3	0.05	0.05	0.05	0.05	0.06	0.06	2.8		
2	6.500	4.389	28	119	1.3	1.5	1.7	1.5	1.8	1.6	0.06	0.07	0.09	0.09	0.08	0.07	3.1		
3	6.430	5.778	26	120	1.3	1.4	1.5	1.3	1.7	1.4	0.06	0.08	0.07	0.07	0.08	0.08	3.2		
4	6.410	5.362	36	120	1.5	1.6	1.4	1.7	1.5	1.4	0.06	0.07	0.05	0.06	0.06	0.05	3.2		
5	6.390	5.922	23	117	1.0	1.2	1.3	1.2	1.4	1.2	0.06	0.08	0.06	0.07	0.06	0.06	3.2		
6	5.990	5.279	26	120	1.2	1.4	1.1	1.0	1.6	1.4	0.05	0.05	0.05	0.05	0.05	0.05	3.2		
7	5.220	4.677	16	114	0.7	1.3	1.0	0.9	1.1	1.0	0.05	0.08	0.08	0.05	0.06	0.07	2.6		
8	6.080	5.222	14	114	0.9	1.0	1.3	1.0	1.4	1.1	0.08	0.07	0.05	0.05	0.09	0.09	2.9		
9	5.120	4.476	16	114	1.0	1.5	1.5	1.1	1.4	1.2	0.07	0.08	0.06	0.07	0.08	0.07	3.0		
10	5.130	4.861	14	116	1.2	1.6	1.5	1.2	1.5	1.4	0.10	0.10	0.08	0.08	0.11	0.11	2.9		
11	5.290	4.464	18	110	1.3	1.5	1.4	1.2	1.6	1.5	0.08	0.07	0.06	0.08	0.07	0.06	2.9		
12	5.210	4.801	14	110	1.1	1.1	1.6	1.0	1.6	1.3	0.07	0.07	0.08	0.06	0.06	0.06	2.9		
13	5.260	4.790	16	112	1.3	1.8	1.6	1.2	1.7	1.6	0.06	0.06	0.07	0.06	0.06	0.05	2.9		
14	5.310	4.783	18	110	1.1	1.3	1.4	1.0	1.4	1.1	0.06	0.06	0.07	0.07	0.06	0.08	2.9		
15	5.670	4.853	16	107	1.2	1.1	1.5	0.9	1.5	1.0	0.08	0.07	0.06	0.05	0.08	0.08	2.9		
16	6.560	4.863	14	100	1.1	1.5	1.5	1.1	1.2	1.3	0.08	0.07	0.05	0.05	0.06	0.06	3.2		
17	6.500	5.916	13	98	1.0	1.7	1.4	1.1	1.3	1.3	0.06	0.07	0.07	0.07	0.05	0.07	3.1		
18	6.380	4.931	14	113	1.1	1.5	1.6	1.1	1.3	1.6	0.05	0.06	0.06	0.06	0.06	0.05	3.2		
19	6.210	4.877	25	110	0.9	1.2	1.5	1.0	1.6	1.1	0.06	0.05	0.05	0.04	0.06	0.05	3.1		
20	6.460	5.877	19	110	1.2	1.4	1.5	0.9	1.7	1.4	0.05	0.08	0.10	0.12	0.10	0.09	2.9		
21	6.460	6.198	20	104	1.1	1.4	1.5	1.3	1.6	1.3	0.10	0.11	0.12	0.12	0.09	0.08	2.9		
22	6.420	5.383	21	108	1.5	1.4	2.1	1.4	1.7	1.5	0.07	0.06	0.07	0.07	0.07	0.07	3.0		
23	6.990	4.939	18	112	1.2	1.4	1.6	1.3	1.1	1.7	0.07	0.07	0.06	0.06	0.07	0.08	3.1		
24	8.020	6.286	28	109	1.2	1.4	1.5	1.2	1.6	1.5	0.11	0.10	0.10	0.10	0.09	0.08	3.0		
25	6.130	5.343	22	106	1.1	1.1	1.4	1.1	1.3	1.2	0.09	0.08	0.07	0.07	0.10	0.07	3.0		
26	6.370	5.628	25	104	1.1	1.0	1.2	0.9	1.3	0.9	0.09	0.08	0.08	0.07	0.10	0.07	2.9		
27	7.060	6.071	22	110	1.5	1.5	2.1	1.3	1.7	1.4	0.05	0.05	0.07	0.07	0.07	0.05	3.0		
28	7.030	5.948	21	112	1.2	1.4	1.1	1.0	1.3	1.2	0.06	0.06	0.06	0.08	0.07	0.06	2.9		
29	6.970	6.602	19	111	1.0	1.3	1.7	1.7	1.4	1.2	0.05	0.05	0.07	0.07	0.08	0.09	2.9		
30	7.040	6.836	19	116	1.1	1.1	1.2	1.0	1.1	1.0	0.08	0.08	0.08	0.08	0.08	0.08	2.9		
31	6.930	5.888	26	109	1.1	1.0	1.4	1.0	1.4	0.9	0.11	0.11	0.08	0.07	0.07	0.08	2.8		
Total	192.850	165.999			Max	1.5	1.8	2.1	1.7	1.8	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	6.221	5.355			Avg	1.1	1.4	1.5	1.2	1.5	1.3								
Max	8.020	6.836			95th %	1.5	1.7	1.9	1.6	1.7	1.6								
Min	5.120	4.389			Min	0.7	1.0	1.0	0.9	1.1	0.9								
					95th percentile based on data from all basins						1.7								

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