

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: June 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	7.020	5.574	17	108	1.4	1.3	1.3	1.0	1.3	1.3	0.09	0.11	0.08	0.08	0.09	0.08	2.9	
2	6.960	6.603	13	108	1.4	1.3	1.5	1.1	1.2	1.1	0.09	0.09	0.07	0.08	0.07	0.06	2.9	
3	6.980	6.792	19	112	1.7	1.6	1.8	1.3	1.7	1.4	0.07	0.07	0.06	0.06	0.06	0.06	2.9	
4	6.990	5.740	10	110	1.6	2.1	1.9	1.7	2.2	1.8	0.07	0.07	0.08	0.08	0.07	0.06	3.0	
5	7.460	7.271	9	106	1.4	1.7	2.1	1.9	2.1	1.7	0.07	0.07	0.08	0.08	0.11	0.10	3.1	
6	8.050	6.292	9	103	2.2	2.1	2.3	1.9	2.4	2.1	0.11	0.12	0.07	0.11	0.07	0.08	3.1	
7	6.260	5.752	9	100	1.5	1.9	1.7	1.4	1.8	1.7	0.08	0.09	0.09	0.09	0.07	0.07	3.0	
8	6.130	4.496	11	104	1.4	1.3	1.7	1.1	1.6	1.1	0.07	0.08	0.06	0.06	0.08	0.07	3.0	
9	6.420	6.102	10	105	1.4	1.6	1.8	1.2	1.7	1.3	0.07	0.10	0.08	0.08	0.07	0.07	3.0	
10	7.040	5.759	10	100	1.7	1.4	2.0	1.8	2.6	1.4	0.06	0.08	0.08	0.08	0.07	0.10	2.8	
11	6.350	6.335	14	100	1.6	2.0	1.7	1.4	1.6	1.2	0.08	0.08	0.11	0.12	0.11	0.10	2.7	
12	5.950	4.499	14	100	1.4	2.0	2.3	1.4	1.7	1.5	0.07	0.07	0.06	0.07	0.07	0.09	2.8	
13	6.100	5.489	18	100	1.5	2.1	2.1	1.6	2.2	1.8	0.07	0.09	0.06	0.07	0.06	0.06	3.0	
14	7.050	5.033	14	102	1.3	1.7	1.9	1.3	1.5	1.5	0.07	0.08	0.09	0.08	0.08	0.07	2.8	
15	6.440	5.762	16	104	1.4	1.6	1.8	1.3	1.7	1.5	0.07	0.09	0.06	0.06	0.06	0.06	2.9	
16	6.200	5.462	15	98	1.7	1.7	2.1	1.3	2.3	1.5	0.08	0.07	0.07	0.07	0.07	0.07	2.8	
17	6.450	5.775	22	103	1.8	2.6	1.3	2.4	2.1	1.8	0.07	0.09	0.08	0.08	0.07	0.07	2.9	
18	7.010	6.782	19	96	1.1	1.3	1.3	1.0	1.3	1.1	0.07	0.07	0.08	0.08	0.07	0.06	2.8	
19	7.040	5.920	17	102	2.1	1.8	3.0	1.7	2.6	3.5	0.05	0.05	0.07	0.05	0.08	0.07	2.9	
20	7.450	6.713	15	102	2.6	3.5	3.5	2.4	3.9	2.8	0.09	0.09	0.06	0.08	0.09	0.08	2.9	
21	7.940	5.959	14	103	1.5	1.8	2.1	1.4	1.9	1.4	0.10	0.11	0.09	0.08	0.08	0.08	2.8	
22	6.250	5.607	12	102	2.1	3.9	2.9	3.5	2.8	2.9	0.07	0.08	0.07	0.08	0.08	0.08	2.7	
23	6.060	5.222	12	104	2.7	3.4	3.2	2.7	3.5	2.8	0.08	0.08	0.07	0.06	0.07	0.08	2.8	
24	5.900	5.958	12	110	2.6	2.4	1.7	2.0	2.3	1.5	0.06	0.05	0.07	0.05	0.04	0.05	2.9	
25	6.000	5.487	27	103	1.6	2.4	2.8	1.9	2.3	1.9	0.07	0.07	0.08	0.08	0.07	0.09	2.8	
26	7.380	7.057	20	102	2.5	3.4	4.1	2.9	3.4	2.8	0.09	0.10	0.10	0.11	0.14	0.07	2.8	
27	7.970	5.682	14	100	3.7	4.8	4.7	3.5	5.0	4.2	0.14	0.14	0.11	0.12	0.12	0.12	2.9	
28	7.980	7.504	15	102	3.5	4.6	4.6	3.4	4.6	3.9	0.11	0.11	0.11	0.12	0.11	0.10	2.9	
29	7.930	5.914	13	102	3.0	4.3	3.7	3.3	4.1	3.9	0.09	0.11	0.09	0.07	0.08	0.09	2.9	
30	7.880	7.054	20	96	3.1	4.3	4.3	3.1	4.5	4.0	0.10	0.12	0.11	0.09	0.09	0.09	2.8	
31																		
Total	206.640	179.595			Max	3.7	4.8	4.7	3.5	5.0	4.2	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	6.888	5.987			Avg	2.0	2.4	2.4	1.9	2.5	2.1							
Max	8.050	7.504			95th %	3.3	4.5	4.5	3.5	4.6	4.0							
Min	5.900	4.496			Min	1.1	1.3	1.3	1.0	1.2	1.1							
95th percentile based on data from all basins											4.3							

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