

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: April 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	6.530	6.089	25	110	1.2	1.4	1.3	1.1	1.3	1.5	0.11	0.08	0.11	0.11	0.07	0.06	2.8	
2	6.050	5.211	23	116	1.2	1.3	1.2	1.2	1.8	1.2	0.06	0.06	0.07	0.06	0.06	0.06	2.9	
3	5.610	4.267	17	112	0.9	1.0	1.1	1.1	1.4	0.9	0.06	0.06	0.06	0.06	0.06	0.06	2.9	
4	5.650	4.661	20	118	0.8	1.0	1.1	0.9	1.1	0.9	0.06	0.06	0.07	0.07	0.06	0.07	2.9	
5	4.710	4.647	16	115	0.8	1.0	1.1	0.9	1.1	0.9	0.06	0.07	0.08	0.07	0.10	0.11	2.8	
6	4.100	4.042	16	112	1.0	1.1	0.7	0.9	0.8	0.9	0.10	0.08	0.07	0.08	0.07	0.06	2.9	
7	5.260	5.024	21	112	0.8	1.2	1.5	0.9	1.1	0.9	0.07	0.07	0.07	0.07	0.06	0.10	0.6	
8	6.070	5.149	29	116	0.9	1.0	1.3	1.2	1.1	1.3	0.07	0.07	0.07	0.08	0.07	0.07	3.1	
9	6.060	5.355	30	114	1.2	1.4	1.1	1.3	1.6	1.5	0.07	0.07	0.08	0.07	0.07	0.07	3.0	
10	5.900	5.062	33	120	1.4	1.7	2.2	1.9	2.2	1.7	0.07	0.07	0.09	0.09	0.10	0.10	3.0	
11	5.900	5.550	25	117	1.3	1.9	1.8	1.6	1.9	1.5	0.11	0.11	0.11	0.10	0.10	0.09	3.2	
12	5.990	4.846	23	116	1.5	2.0	2.1	1.9	2.5	1.8	0.09	0.08	0.08	0.08	0.07	0.07	3.1	
13	6.360	5.179	22	112	1.7	2.3	2.0	1.9	2.1	1.7	0.10	0.08	0.08	0.08	0.07	0.08	3.0	
14	6.920	5.234	27	115	1.6	1.7	1.8	1.8	1.9	1.7	0.08	0.09	0.09	0.10	0.09	0.08	3.1	
15	6.210	6.163	24	116	1.5	1.3	1.8	1.6	2.0	1.9	0.07	0.08	0.08	0.08	0.07	0.07	3.0	
16	4.870	4.726	21	118	X	1.3	1.2	1.2	1.4	1.2	0.07	0.07	0.06	0.07	0.07	0.06	2.8	
17	6.170	5.265	25	118	X	1.4	1.3	1.2	1.5	1.2	0.05	0.06	0.06	0.07	0.09	0.09	2.7	
18	6.630	5.139	22	114	X	X	1.5	1.2	1.6	1.5	0.08	0.08	0.08	0.09	0.08	0.07	2.9	
19	6.790	4.973	20	114	1.4	1.2	X	X	1.3	1.0	0.08	0.09	0.07	0.08	0.11	0.09	2.9	
20	6.650	5.192	23	118	1.3	1.3	1.4	X	1.6	1.4	0.11	0.11	0.09	0.10	0.11	0.12	2.8	
21	6.200	5.031	26	116	1.2	1.5	1.6	2.1	X	1.6	0.08	0.09	0.07	0.09	0.08	0.09	2.8	
22	5.440	5.940	26	118	1.2	1.8	1.7	1.3	1.9	X	0.07	0.05	0.08	0.06	0.05	0.05	2.9	
23	5.580	4.689	29	120	1.2	1.3	1.5	1.2	1.5	X	0.05	0.04	0.05	0.06	0.05	0.05	2.9	
24	6.360	4.715	33	120	0.9	1.1	1.2	1.1	1.5	X	0.05	0.06	0.05	0.05	0.08	0.08	3.0	
25	5.560	5.192	33	120	1.5	1.8	1.4	1.2	1.4	2.4	0.09	0.08	0.07	0.09	0.08	0.08	3.0	
26	5.590	5.198	40	118	1.3	1.4	2.0	1.3	1.8	1.5	0.09	0.08	0.06	0.08	0.08	0.11	2.9	
27	5.710	4.939	36	118	1.6	2.1	1.6	1.4	1.7	1.2	0.09	0.09	0.11	0.09	0.08	0.06	2.6	
28	6.630	5.334	25	120	1.0	1.6	1.2	1.1	1.3	1.4	0.08	0.08	0.06	0.07	0.07	0.07	3.0	
29	5.890	4.700	26	120	1.4	1.2	1.7	1.3	1.5	1.4	0.06	0.07	0.06	0.06	0.06	0.06	3.0	
30	4.440	5.404	21	119	0.8	1.1	1.2	1.0	1.1	1.0	0.06	0.06	0.06	0.06	0.05	0.05	2.8	
31																		
Total	175.830	152.916			Max	1.7	2.3	2.2	2.1	2.5	2.4	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	5.861	5.097			Avg	1.2	1.4	1.5	1.3	1.6	1.4							
Max	6.920	6.163			95th %	1.6	2.1	2.1	1.9	2.2	1.9							
Min	4.100	4.042			Min	0.8	1.0	0.7	0.9	0.8	0.9							
95th percentile based on data from all basins											2.1							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: May 5, 2023