

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.: 15002 Connections: 11,265

Month: November Year: 2021 Population: 23,770

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	5.280	5.539	28	98	1.7	1.2	1.9	1.5	2.7	1.4	0.04	0.05	0.05	0.06	0.07	0.07	2.8		
2	6.080	4.762	30	96	1.3	1.7	1.9	1.3	1.6	1.3	0.06	0.07	0.05	0.06	0.07	0.08	0.5		
3	6.100	3.945	29	96	1.5	1.4	1.9	1.1	2.0	1.2	0.07	0.07	0.07	0.07	0.06	0.06	0.8		
4	6.000	6.004	27	97	1.0	1.6	1.4	1.1	1.3	1.1	0.05	0.05	0.04	0.04	0.04	0.04	2.8		
5	6.230	5.804	29	96	1.2	1.6	1.8	1.1	1.7	1.2	0.05	0.05	0.05	0.04	0.04	0.03	3.4		
6	6.220	4.830	28	98	1.2	1.6	1.7	1.0	1.8	1.3	0.03	0.04	0.04	0.05	0.03	0.04	3.3		
7	6.250	5.516	24	96	1.0	1.4	1.5	1.2	1.6	1.2	0.04	0.04	0.04	0.04	0.05	0.04	3.2		
8	6.230	5.346	26	96	1.8	1.4	2.0	1.2	2.2	1.6	0.04	0.04	0.06	0.06	0.09	0.06	3.2		
9	6.240	5.472	31	98	1.6	2.2	2.1	1.3	2.3	1.5	0.06	0.06	0.06	0.06	0.07	0.07	3.3		
10	6.230	5.489	25	98	1.8	1.8	1.7	1.4	2.0	1.3	0.06	0.07	0.06	0.05	0.06	0.05	3.3		
11	6.040	5.148	19	98	1.1	1.5	1.6	1.1	1.2	1.2	0.05	0.06	0.06	0.05	0.05	0.05	3.3		
12	5.010	5.027	22	98	1.2	1.4	1.6	1.0	1.7	1.1	0.07	0.06	0.05	0.05	0.07	0.04	3.1		
13	5.150	4.537	21	98	1.2	1.5	1.3	1.0	1.5	1.2	0.05	0.05	0.05	0.04	0.04	0.04	3.1		
14	5.130	4.941	18	96	1.0	1.5	1.4	1.1	1.5	1.3	0.04	0.04	0.04	0.04	0.03	0.04	3.1		
15	5.980	5.569	21	98	1.5	1.4	1.8	1.2	2.2	1.4	0.06	0.06	0.07	0.06	0.08	0.06	3.1		
16	7.050	5.667	17	98	2.0	2.0	1.7	1.4	1.8	1.6	0.09	0.09	0.08	0.10	0.10	0.12	3.4		
17	6.630	4.398	16	96	1.8	1.7	1.9	1.3	2.1	1.7	0.13	0.07	0.10	0.10	0.09	0.07	3.3		
18	5.110	5.260	16	97	1.7	2.2	1.7	1.1	1.5	1.5	0.08	0.06	0.05	0.05	0.07	0.07	3.3		
19	4.520	4.359	18	98	1.4	2.0	18.0	1.3	2.1	1.7	0.07	0.05	0.05	0.05	0.05	0.05	3.1		
20	4.480	4.823	21	99	1.5	2.0	1.9	1.2	1.9	1.5	0.05	0.04	0.04	0.04	0.04	0.06	3.0		
21	5.390	5.051	20	98	1.2	1.5	1.4	1.1	1.6	1.4	0.06	0.06	0.06	0.06	0.13	0.09	3.1		
22	6.170	4.939	17	98	1.9	1.7	2.2	1.4	2.5	1.7	0.07	0.12	0.10	0.08	0.08	0.08	3.3		
23	6.220	4.138	23	98	1.2	1.5	1.4	1.1	1.3	1.2	0.07	0.07	0.04	0.04	0.04	0.04	3.4		
24	6.190	6.104	20	98	1.4	1.4	1.7	1.1	1.7	1.1	0.05	0.05	0.06	0.06	0.06	0.06	3.4		
25	6.220	4.468	20	102	1.1	2.2	1.9	1.1	1.5	1.2	0.06	0.07	0.07	0.08	0.08	0.06	3.4		
26	6.270	5.160	20	98	1.4	1.6	1.7	1.1	1.7	1.2	0.05	0.05	0.05	0.05	0.05	0.04	3.5		
27	6.100	5.647	20	104	1.1	1.3	1.4	0.9	1.3	1.1	0.04	0.04	0.04	0.04	0.05	0.04	3.4		
28	5.510	5.026	23	100	0.8	1.2	1.3	1.1	1.3	1.1	0.05	0.05	0.05	0.05	0.05	0.05	3.3		
29	5.010	4.080	21	102	1.0	1.5	1.6	0.8	1.7	1.0	0.05	0.05	0.05	0.05	0.06	0.06	3.1		
30	5.240	4.437	21	102	1.1	1.5	1.5	0.9	1.2	0.9	0.05	0.06	0.05	0.05	0.05	0.05	3.1		
31																			
Total	174.280	151.486			Max	2.0	2.2	18.0	1.5	2.7	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	5.809	5.050			Avg	1.4	1.6	2.2	1.2	1.8	1.3								
Max	7.050	6.104			95th %	1.9	2.2	2.2	1.4	2.4	1.7								
Min	4.480	3.945			Min	0.8	1.2	1.3	0.8	1.2	0.9								
95th percentile based on data from all basins											2.2								

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: December 7, 2021