

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: 11,266

Month: October 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	7.970	5.880	18	100	2.2	2.5	3.1	2.1	2.8	2.4	0.07	0.08	0.08	0.07	0.07	0.06	2.7	
2	7.840	6.059	16	92	1.9	2.2	2.7	1.4	3.0	2.1	0.06	0.07	0.09	0.07	0.07	0.06	3.1	
3	6.490	7.292	12	99	1.4	1.8	1.9	1.1	2.0	1.7	0.07	0.07	0.07	0.07	0.07	0.07	3.0	
4	6.480	5.779	10	98	1.2	1.2	2.2	0.8	2.2	1.1	0.07	0.06	0.06	0.07	0.09	0.07	3.0	
5	6.500	5.675	10	98	1.6	2.0	1.9	1.1	1.9	1.8	0.08	0.07	0.06	0.08	0.08	0.06	3.1	
6	6.330	4.599	12	98	1.7	2.5	2.9	1.2	2.5	2.0	0.07	0.07	0.06	0.08	0.07	0.06	3.2	
7	6.850	6.916	15	99	1.8	2.7	2.8	1.2	2.8	2.2	0.07	0.07	0.06	0.08	0.07	0.08	3.1	
8	7.070	6.246	11	100	1.8	2.5	3.1	1.3	3.3	2.0	0.08	0.08	0.08	0.08	0.08	0.07	3.1	
9	7.090	6.803	17	100	1.6	2.1	2.4	1.6	2.5	2.1	0.07	0.08	0.08	0.08	0.08	0.09	3.1	
10	6.150	5.336	16	100	2.1	3.2	3.5	1.8	3.5	2.8	0.10	0.10	0.09	0.09	0.09	0.09	2.8	
11	5.440	5.071	16	100	x	2.1	2.5	1.2	2.6	1.8	0.10	0.10	0.09	0.09	0.08	0.08	2.8	
12	6.590	6.007	20	100	x	3.0	2.3	1.3	2.5	1.9	0.08	0.08	0.07	0.07	0.07	0.07	2.9	
13	6.900	4.744	23	98	x	x	1.9	1.0	1.7	1.4	0.07	0.08	0.08	0.07	0.06	0.07	3.0	
14	6.220	5.346	22	100	1.4	1.5	1.4	0.8	1.4	1.3	0.08	0.08	0.08	0.07	0.07	0.07	3.0	
15	6.250	5.651	28	98	1.1	1.1	1.5	0.9	1.5	1.3	0.07	0.06	0.06	0.06	0.05	0.07	3.1	
16	6.150	5.653	27	99	0.9	1.1	1.4	0.9	1.5	1.1	0.04	0.05	0.05	0.04	0.05	0.05	3.2	
17	6.130	6.589	33	99	1.8	2.0	x	1.7	2.9	2.3	0.04	0.05	0.08	0.12	0.10	0.09	3.3	
18	6.860	5.186	30	98	1.9	2.0	x	1.4	2.8	2.0	0.11	0.12	0.11	0.07	0.10	0.07	3.2	
19	6.520	4.561	39	100	1.5	1.9	x	x	2.2	1.5	0.05	0.05	0.04	0.05	0.06	0.05	3.2	
20	7.430	6.205	36	100	1.2	1.2	x	x	1.7	1.3	0.06	0.05	0.05	0.05	0.05	0.05	3.1	
21	6.730	6.342	32	100	1.0	1.3	1.3	1.4	1.4	1.1	0.05	0.05	0.04	0.05	0.04	0.04	3.2	
22	6.840	5.607	38	98	1.4	1.7	1.4	1.3	1.5	2.3	0.05	0.05	0.05	0.04	0.04	0.04	2.9	
23	6.750	5.905	29	99	1.4	2.0	1.5	1.5	2.1	1.6	0.05	0.04	0.05	0.05	0.05	0.04	3.0	
24	6.670	5.482	33	98	0.9	1.1	1.3	1.0	1.4	1.2	0.05	0.04	0.04	0.05	0.04	0.04	3.0	
25	6.660	5.791	27	98	0.9	1.0	1.4	0.8	x	1.2	0.04	0.04	0.04	0.07	0.09	0.09	3.1	
26	7.440	5.378	28	98	1.1	1.5	1.1	1.1	x	x	0.09	0.08	0.06	0.07	0.05	0.06	3.1	
27	6.740	5.116	16	98	1.2	1.2	1.5	1.0	x	x	0.06	0.05	0.06	0.08	0.08	0.06	3.1	
28	5.770	5.401	28	95	0.9	1.1	1.0	0.9	1.3	1.0	0.07	0.08	0.05	0.06	0.07	0.06	3.2	
29	5.840	4.783	22	98	0.9	1.1	2.1	0.8	0.9	1.0	0.08	0.09	0.07	0.07	0.06	0.06	3.2	
30	6.660	6.698	21	98	1.1	1.4	1.3	1.1	1.3	1.1	0.04	0.04	0.04	0.04	0.05	0.05	3.1	
31	7.050	5.523	36	96	1.0	1.3	1.3	1.1	1.4	1.3	0.05	0.04	0.04	0.04	0.04	0.04	3.2	
Total	206.410	177.624			Max	2.2	3.2	3.5	2.1	3.5	2.8	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	6.658	5.730			Avg	1.4	1.8	2.0	1.2	2.1	1.7							
Max	7.970	7.292			95th %	2.0	2.9	3.1	1.8	3.2	2.4							
Min	5.440	4.561			Min	0.9	1.0	1.0	0.8	0.9	1.0							
95th percentile based on data from all basins											2.9							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: November 3, 2021