

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: 11,253

Month: September 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	7.870	6.980	14	102	2.0	2.2	2.9	1.3	2.6	2.1	0.07	0.07	0.05	0.05	0.04	0.04	3.0	
2	5.420	5.674	11	99	1.5	1.6	2.6	1.4	2.3	1.7	0.04	0.06	0.03	0.03	0.03	0.03	3.2	
3	6.320	5.131	12	100	1.1	1.3	1.8	0.7	1.8	1.4	0.04	0.04	0.04	0.03	0.04	0.06	3.0	
4	6.900	6.242	12	96	2.1	3.2	2.7	1.6	3.0	2.7	0.06	0.05	0.05	0.05	0.05	0.05	3.1	
5	6.900	7.013	10	95	1.9	2.7	3.1	1.7	2.9	2.7	0.05	0.05	0.04	0.04	0.04	0.04	3.0	
6	6.860	6.441	10	96	2.4	2.2	3.8	1.5	3.5	2.3	0.04	0.04	0.05	0.05	0.07	0.06	3.0	
7	6.920	6.215	12	98	2.1	2.3	2.3	1.6	2.4	2.4	0.05	0.05	0.04	0.06	0.05	0.05	3.1	
8	7.010	5.971	15	100	2.3	2.7	3.5	1.8	3.3	3.1	0.07	0.07	0.04	0.04	0.05	0.04	3.1	
9	6.980	6.718	21	104	2.3	3.0	3.3	1.7	3.2	2.9	0.04	0.05	0.04	0.03	0.04	0.04	3.2	
10	7.200	5.714	17	102	3.8	3.4	4.7	2.1	4.3	3.2	0.05	0.05	0.04	0.06	0.05	0.05	3.1	
11	7.040	5.863	17	102	2.7	3.2	2.9	1.9	3.2	2.8	0.05	0.05	0.05	0.04	0.05	0.05	3.0	
12	7.680	7.549	24	102	2.2	3.2	2.4	1.7	2.9	2.6	0.05	0.05	0.06	0.06	0.05	0.05	2.3	
13	7.510	6.250	23	102	3.0	2.2	3.6	1.6	3.7	2.3	0.06	0.08	0.14	0.13	0.10	0.08	1.4	
14	6.670	6.192	23	102	2.9	3.6	3.8	1.8	3.2	3.0	0.05	0.05	0.05	0.05	0.05	0.05	3.0	
15	7.620	6.569	22	101	3.2	2.9	4.4	1.9	4.3	3.1	0.05	0.05	0.06	0.05	0.06	0.06	3.2	
16	8.050	6.219	24	101	2.5	2.6	2.2	1.7	2.3	2.3	0.06	0.06	0.05	0.05	0.05	0.05	3.2	
17	7.890	6.664	23	102	2.1	2.0	2.8	1.4	2.7	2.1	0.05	0.04	0.04	0.05	0.05	0.05	3.0	
18	7.880	7.525	19	100	2.0	2.5	2.0	1.2	2.5	2.1	0.05	0.06	0.05	0.05	0.05	0.05	3.1	
19	7.860	7.213	21	98	1.7	2.2	2.2	1.3	2.1	2.0	0.05	0.05	0.05	0.07	0.07	0.06	3.1	
20	7.800	6.487	19	100	1.9	1.8	2.7	1.0	2.6	1.9	0.06	0.07	0.06	0.07	0.08	0.08	3.1	
21	7.890	6.699	19	100	1.7	1.5	2.5	1.2	2.5	1.9	0.06	0.06	0.06	0.08	0.07	0.07	3.1	
22	7.960	6.800	18	100	1.8	1.8	2.7	1.3	2.8	3.1	0.08	0.09	0.08	0.08	0.07	0.07	3.2	
23	7.640	6.312	21	102	1.8	1.9	2.0	1.2	2.4	2.3	0.07	0.07	0.06	0.06	0.06	0.07	3.1	
24	7.730	7.665	26	102	2.0	1.8	3.3	1.3	3.0	2.0	0.08	0.09	0.07	0.08	0.07	0.07	3.2	
25	7.900	6.534	40	102	1.9	2.4	2.6	1.2	2.7	2.3	0.10	0.08	0.07	0.06	0.06	0.05	3.0	
26	7.860	7.028	32	100	2.1	2.6	3.1	1.8	3.2	2.2	0.06	0.05	0.06	0.08	0.07	0.07	3.1	
27	8.020	7.385	28	106	2.1	2.4	2.6	3.0	2.8	2.0	0.07	0.07	0.08	0.08	0.08	0.08	3.1	
28	7.910	6.997	26	98	2.6	3.6	3.7	1.7	3.4	3.7	0.08	0.08	0.07	0.11	0.06	0.07	3.2	
29	6.430	6.453	24	98	1.8	2.2	2.1	1.3	2.2	2.2	0.09	0.09	0.08	0.08	0.07	0.07	3.3	
30	6.970	6.146	21	100	1.6	2.2	2.5	1.0	2.6	1.8	0.08	0.10	0.08	0.08	0.07	0.07	2.6	
31																		
Total	220.690	196.649			Max	3.8	3.6	4.7	3.0	4.3	3.7	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	7.356	6.555			Avg	2.2	2.4	2.9	1.5	2.9	2.4							
Max	8.050	7.665			95th %	3.1	3.5	4.1	2.0	4.0	3.2							
Min	5.420	5.131			Min	1.1	1.3	1.8	0.7	1.8	1.4							
95th percentile based on data from all basins											3.7							

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