

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: October 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	7.380	6.804	16	80	1.2	0.9	1.6	1.1	0.9	1.1	0.05	0.05	0.05	0.06	0.05	0.04	3.2	
2	7.500	7.072	15	90	0.9	0.6	1.2	0.8	1.5	0.7	0.05	0.04	0.04	0.04	0.07	0.05	3.1	
3	7.520	6.445	16	88	0.7	0.7	0.9	0.7	0.9	0.7	0.07	0.07	0.05	0.05	0.06	0.06	3.0	
4	7.440	6.557	17	88	0.7	0.7	0.8	1.0	0.7	1.1	0.06	0.06	0.05	0.07	0.07	0.07	3.1	
5	7.070	4.644	18	84	1.0	0.7	1.1	1.5	1.6	1.1	0.08	0.06	0.09	0.07	0.06	0.06	3.0	
6	6.190	6.072	25	86	0.8	1.2	X	0.6	1.4	0.7	0.07	0.09	0.07	0.07	0.07	0.07	3.0	
7	6.150	4.992	24	90	0.9	0.8	X	0.7	1.0	0.8	0.06	0.04	0.04	0.04	0.04	0.04	3.2	
8	7.580	5.511	30	92	0.6	0.8	X	0.8	0.8	0.6	0.03	0.04	0.04	0.04	0.05	0.05	3.2	
9	8.380	6.409	26	90	X	X	X	1.1	1.0	0.7	0.04	0.04	0.04	0.05	0.05	0.06	3.1	
10	8.460	5.716	23	90	0.9	X	X	1.1	1.0	1.1	0.06	0.07	0.07	0.05	0.07	0.06	3.2	
11	6.550	6.355	20	90	0.7	1.0	X	X	1.4	1.0	0.06	0.06	0.05	0.07	0.05	0.06	3.1	
12	7.430	5.119	21	94	1.1	0.8	X	X	1.2	1.1	0.06	0.07	0.06	0.07	0.06	0.06	3.0	
13	8.680	5.775	20	84	0.7	0.6	X	X	1.3	0.9	0.07	0.08	0.06	0.07	0.06	0.08	2.7	
14	7.930	6.526	23	90	1.0	1.2	X	X	1.2	1.0	0.07	0.07	0.08	0.07	0.07	0.06	3.2	
15	6.530	6.430	23	90	1.0	1.1	X	1.2	1.4	0.9	0.06	0.06	0.09	0.07	0.06	0.06	3.3	
16	6.790	5.812	21	90	1.0	0.8	X	0.9	1.0	1.0	0.06	0.06	0.07	0.10	0.08	0.08	3.1	
17	8.650	5.917	25	90	1.1	1.1	X	1.4	X	1.5	0.09	0.09	0.07	0.07	0.09	0.07	3.3	
18	9.470	6.787	40	90	1.1	1.0	X	1.3	1.1	X	0.08	0.07	0.07	0.07	0.06	0.08	3.3	
19	8.090	6.582	25	91	0.9	1.0	X	1.4	1.0	1.2	0.06	0.07	0.09	0.08	0.08	0.07	3.2	
20	7.940	6.346	20	90	1.3	1.2	X	1.2	1.3	1.2	0.07	0.07	0.08	0.08	0.07	0.07	3.2	
21	7.980	6.670	21	90	1.4	1.0	X	1.3	1.2	1.1	0.07	0.07	0.08	0.09	0.08	0.08	3.2	
22	7.090	5.257	29	90	0.9	1.1	X	1.0	1.1	0.7	0.07	0.08	0.09	0.09	0.07	0.07	3.0	
23	6.340	6.961	23	94	1.1	0.9	X	1.0	1.1	0.8	0.07	0.07	0.08	0.08	0.09	0.10	3.0	
24	7.640	5.907	22	94	1.4	1.2	X	2.0	1.0	1.3	0.11	0.11	0.09	0.10	0.09	0.08	3.1	
25	7.750	6.023	18	94	1.1	1.0	X	1.0	1.4	0.9	0.10	0.11	0.10	0.10	0.09	0.09	3.1	
26	6.010	5.234	15	96	0.9	1.1	X	1.1	1.0	1.0	0.10	0.10	0.08	0.13	0.10	0.11	3.0	
27	5.240	5.272	23	100	0.7	0.9	X	0.9	0.9	0.6	0.11	0.10	0.08	0.09	0.10	0.07	2.9	
28	5.350	4.901	15	97	0.8	0.8	X	0.8	0.9	0.7	0.07	0.08	0.16	0.10	0.07	0.06	2.9	
29	6.030	5.014	15	92	1.2	0.7	X	0.7	0.8	0.7	0.06	0.06	0.08	0.06	0.05	0.06	2.8	
30	6.720	5.803	24	100	0.7	0.6	X	1.0	0.7	0.8	0.06	0.06	0.11	0.06	0.07	0.08	3.2	
31	6.520	5.528	23	96	0.6	0.9	X	1.0	0.8	0.8	0.08	0.07	0.07	0.08	0.06	0.06	3.2	
Total	224.400	184.441			Max	1.4	1.2	1.6	2.0	1.6	1.5	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	7.239	5.950			Avg	0.9	0.9	1.1	1.1	1.1	0.9							
Max	9.470	7.072			95th %	1.4	1.2	1.5	1.5	1.5	1.3							
Min	5.240	4.644			Min	0.6	0.6	0.8	0.6	0.7	0.6							
95th percentile based on data from all basins											1.4							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: November 3, 2023