

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: December 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	6.010	4.328	22	95	0.7	0.7	X	0.9	1.2	0.7	0.11	0.10	0.07	0.08	0.11	0.10	2.9	
2	6.090	5.379	19	95	0.5	0.6	X	0.7	0.6	0.5	0.09	0.08	0.09	0.08	0.09	0.09	2.9	
3	6.420	4.863	21	93	0.6	0.7	X	0.9	0.7	0.6	0.08	0.08	0.10	0.10	0.10	0.08	2.9	
4	7.610	5.623	21	92	0.6	0.6	X	1.0	0.9	0.6	0.08	0.09	0.08	0.09	0.10	0.10	2.4	
5	6.610	5.400	18	84	0.6	0.7	X	0.9	0.8	0.7	0.09	0.10	0.09	0.10	0.10	0.11	2.0	
6	5.470	4.092	22	93	0.9	1.0	X	1.2	0.7	0.8	0.08	0.07	0.07	0.12	0.10	0.08	2.7	
7	6.710	4.890	19	90	0.6	0.8	X	1.0	0.8	0.6	0.10	0.09	0.06	0.06	0.08	0.07	2.8	
8	6.630	4.687	16	90	0.5	0.6	X	0.9	0.6	0.5	0.08	0.07	0.06	0.06	0.07	0.07	3.1	
9	6.690	5.268	19	94	0.6	0.5	X	0.7	0.6	0.6	0.05	0.06	0.05	0.05	0.06	0.06	3.0	
10	5.990	5.189	22	92	0.7	0.7	X	0.7	0.7	0.6	0.07	0.07	0.07	0.10	0.07	0.06	2.9	
11	5.590	5.907	22	94	0.5	0.7	X	0.8	0.9	0.6	0.07	0.07	0.06	0.08	0.08	0.09	2.7	
12	6.700	4.535	27	91	0.6	0.9	X	1.0	0.9	0.7	0.09	0.09	0.08	0.10	0.08	0.08	3.1	
13	6.820	4.837	23	92	0.7	0.7	0.9	0.7	1.0	0.6	0.10	0.11	0.09	0.09	0.07	0.07	3.1	
14	6.810	4.771	30	92	0.5	0.6	0.7	0.8	0.6	0.7	0.08	0.08	0.09	0.07	0.08	0.08	3.1	
15	5.960	4.824	30	92	0.6	0.7	0.8	0.6	0.8	0.7	0.09	0.09	0.09	0.07	0.08	0.09	2.9	
16	5.630	5.076	27	100	0.9	0.6	1.1	0.7	0.8	0.6	0.06	0.06	0.05	0.05	0.06	0.06	3.0	
17	5.650	5.532	24	92	0.4	1.2	0.6	0.5	0.5	1.2	0.05	0.05	0.05	0.06	0.05	0.05	2.9	
18	5.740	5.381	29	94	0.6	0.6	0.7	0.4	0.8	0.4	0.04	0.05	0.05	0.05	0.05	0.06	2.9	
19	5.740	4.005	28	94	0.8	0.7	0.7	0.7	0.9	0.7	0.06	0.06	0.06	0.06	0.05	0.07	2.9	
20	5.770	4.575	25	98	0.5	0.6	0.7	0.5	0.8	0.5	0.07	0.06	0.06	0.06	0.06	0.06	2.7	
21	5.750	5.563	27	94	0.5	0.8	0.7	0.6	0.8	0.5	0.06	0.07	0.08	0.08	0.07	0.07	2.8	
22	5.770	4.765	24	94	0.8	0.7	0.8	0.7	0.8	0.8	0.07	0.09	0.06	0.07	0.06	0.06	2.8	
23	5.840	4.684	24	95	0.6	0.7	0.9	0.7	0.9	0.8	0.04	0.04	0.04	0.05	0.05	0.05	2.9	
24	5.910	4.607	24	90	0.8	0.9	0.9	0.8	1.1	1.0	0.09	0.08	0.16	0.10	0.09	0.12	3.0	
25	5.720	5.127	20	96	0.7	0.8	0.7	0.6	0.8	0.9	0.10	0.07	0.05	0.05	0.05	0.06	3.1	
26	5.790	4.590	19	96	0.6	0.7	0.8	0.9	0.8	0.7	0.05	0.07	0.06	0.06	0.07	0.09	3.2	
27	5.850	5.276	19	88	0.7	0.8	1.1	0.8	1.2	0.7	0.10	0.09	0.09	0.07	0.09	0.09	3.2	
28	5.830	4.847	19	94	0.7	1.0	0.9	0.7	0.9	0.7	0.08	0.09	0.08	0.07	0.07	0.08	3.1	
29	5.860	4.132	19	92	0.8	1.0	0.7	0.7	0.8	0.9	0.10	0.08	0.08	0.08	0.08	0.09	3.3	
30	5.740	5.105	24	94	0.8	0.9	1.0	0.9	1.1	0.7	0.05	0.06	0.08	0.05	0.05	0.06	2.9	
31	5.770	4.961	19	96	0.9	0.9	1.1	0.7	1.0	0.9	0.06	0.06	0.05	0.05	0.05	0.04	2.9	
Total	188.470	152.819			Max	0.9	1.2	1.1	1.2	1.2	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	6.080	4.930			Avg	0.7	0.8	0.8	0.8	0.8								0.7
Max	7.610	5.907			95th %	0.9	1.0	1.1	1.0	1.2								1.0
Min	5.470	4.005			Min	0.4	0.5	0.6	0.4	0.5								0.4
95th percentile based on data from all basins										1.1								

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: January 4, 2024