

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

PWS ID No.: 1750002 Plant ID No.: 15002

Month: June Year: 2022

PLANT NAME OR NUMBER: Navarro Mills

Connections: 11,950

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	8.460	5.962	26	121	x	x	2.0	1.3	1.9	1.4	0.06	0.06	0.05	0.05	0.06	0.04	2.9	
2	6.660	5.125	23	120	1.4	1.8	2.2	1.3	1.5	1.7	0.04	0.05	0.04	0.04	0.04	0.05	2.8	
3	5.130	5.577	21	118	1.6	1.4	1.3	1.1	1.5	1.4	0.04	0.04	0.04	0.04	0.04	0.04	3.0	
4	5.110	3.876	19	120	0.9	1.2	2.2	0.8	2.1	1.2	0.04	0.05	0.04	0.05	0.05	0.05	2.9	
5	5.070	5.648	18	116	1.1	1.3	x	1.3	1.4	1.2	0.04	0.04	0.05	0.04	0.04	0.05	2.8	
6	8.360	6.719	26	114	1.3	1.2	x	1.5	1.8	1.2	0.04	0.04	0.05	0.06	0.07	0.06	2.8	
7	8.710	6.496	19	116	1.3	1.5	x	x	1.4	1.2	0.06	0.05	0.04	0.05	0.05	0.05	3.0	
8	7.010	5.496	26	116	1.2	1.5	1.4	1.5	1.8	1.5	0.05	0.06	0.04	0.08	0.08	0.05	3.0	
9	7.660	6.465	37	116	1.4	2.3	1.5	1.2	2.0	1.5	0.05	0.05	0.06	0.05	0.04	0.04	3.2	
10	8.310	5.467	32	114	1.6	1.7	1.4	1.3	1.9	1.5	0.05	0.04	0.04	0.03	0.03	0.05	3.1	
11	7.540	6.372	16	95	1.3	1.6	1.3	1.3	x	1.6	0.04	0.04	0.06	0.06	0.05	0.04	3.0	
12	7.010	6.885	13	98	1.1	1.8	1.5	1.1	x	1.6	0.04	0.03	0.04	0.04	0.04	0.03	2.9	
13	9.180	6.196	23	87	1.2	1.3	2.1	1.1	x	1.6	0.04	0.04	0.05	0.05	0.05	0.04	2.7	
14	8.999	6.903	22	90	1.7	1.8	1.8	1.6	1.9	x	0.04	0.04	0.06	0.06	0.05	0.05	2.6	
15	8.190	6.643	15	90	1.4	1.9	2.1	1.1	1.7	1.2	0.06	0.05	0.04	0.06	0.05	0.04	2.9	
16	8.140	7.404	27	98	1.3	1.9	2.0	1.3	1.6	1.2	0.06	0.07	0.05	0.04	0.04	0.04	2.8	
17	8.210	7.658	21	96	1.4	1.8	1.3	1.2	1.6	1.7	0.04	0.05	0.06	0.05	0.07	0.05	2.7	
18	8.580	6.524	18	98	2.3	2.1	1.9	1.3	2.0	1.7	0.05	0.05	0.06	0.05	0.04	0.05	2.5	
19	8.600	6.692	16	102	2.0	2.8	2.9	1.6	2.8	2.5	0.05	0.06	0.06	0.05	0.06	0.04	2.6	
20	8.580	7.785	16	106	1.8	1.7	2.0	1.7	1.9	2.2	0.04	0.05	0.05	0.05	0.05	0.04	2.7	
21	9.810	7.628	12	104	2.4	2.9	3.2	2.4	3.7	2.7	0.05	0.06	0.07	0.08	0.08	0.08	2.5	
22	8.430	7.577	11	99	2.3	3.4	3.1	1.8	3.3	2.5	0.08	0.08	0.06	0.06	0.07	0.08	2.6	
23	8.840	7.104	16	94	2.1	3.0	2.9	1.9	2.8	2.6	0.09	0.08	0.08	0.07	0.06	0.07	2.7	
24	9.860	8.448	14	96	1.6	2.0	1.4	2.7	2.7	1.9	0.07	0.07	0.09	0.10	0.07	0.09	2.5	
25	10.470	8.250	14	98	2.1	3.1	3.0	1.9	2.4	2.8	0.05	0.04	0.10	0.08	0.06	0.06	2.6	
26	8.960	8.045	8	88	2.0	2.8	2.3	1.8	2.2	2.1	0.06	0.06	0.05	0.08	0.06	0.05	2.5	
27	7.600	7.876	10	98	2.6	3.0	3.7	1.8	3.7	2.3	0.04	0.06	0.05	0.06	0.07	0.06	2.6	
28	8.130	7.144	17	108	2.8	2.1	1.9	2.4	2.4	2.5	0.08	0.07	0.08	0.06	0.04	0.05	2.2	
29	8.270	7.348	12	100	2.2	3.6	1.9	5.4	4.1	2.6	0.06	0.07	0.05	0.06	0.07	0.06	2.4	
30	9.110	7.205	18	97	3.1	4.3	4.3	3.1	4.6	4.2	0.07	0.07	0.05	0.05	0.07	0.06	2.4	
31																		
Total	242.989	202.518			Max	3.1	4.3	4.3	5.4	4.6	4.2	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	8.100	6.751			Avg	1.7	2.2	2.2	1.7	2.3	1.9							
Max	10.470	8.448			95th %	2.7	3.5	3.6	2.9	4.0	2.8							
Min	5.070	3.876			Min	0.9	1.2	1.3	0.8	1.4	1.2							
					95th percentile based on data from all basins						3.7							

SUBMITTED BY: *Daryl Small* Certificate No. and Grade: WO0024634, A Date: July 8, 2022