

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: 10,939

Month: July Year: 2019 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	5.010	4.388	13	116	0.9	0.8	0.8	0.7	1.4	0.8	0.10	0.10	0.11	0.11	0.09	0.11	2.4		
2	5.090	5.352	19	114	1.0	1.0	0.8	0.6	0.9	0.5	0.10	0.10	0.09	0.10	0.15	0.13	2.4		
3	5.160	4.872	13	112	0.9	0.6	0.8	0.5	0.9	0.5	0.13	0.11	0.12	0.13	0.12	0.11	2.5		
4	5.250	5.939	12	110	0.8	1.2	0.8	0.7	0.8	0.8	0.09	0.12	0.12	0.10	0.10	0.12	2.4		
5	5.260	6.233	10	108	1.1	1.3	0.6	0.8	1.1	0.8	0.12	0.13	0.15	0.14	0.10	0.11	2.4		
6	5.310	5.101	13	108	0.8	0.8	0.9	1.2	0.7	0.5	0.09	0.10	0.11	0.12	0.12	0.11	2.7		
7	5.320	5.574	15	106	0.6	1.0	0.7	0.6	0.7	0.6	0.11	0.12	0.11	0.11	0.10	0.09	2.4		
8	5.510	5.632	14	104	1.1	0.9	1.1	0.5	0.7	0.6	0.09	0.10	0.10	0.10	0.11	0.11	2.4		
9	6.470	5.160	11	98	0.8	0.9	0.8	0.6	0.9	0.7	0.11	0.11	0.10	0.11	0.13	0.11	2.7		
10	6.900	6.899	10	97	1.0	0.6	0.9	0.6	0.9	0.6	0.13	0.11	0.12	0.11	0.10	0.10	2.6		
11	6.980	5.908	11	99	1.4	1.2	0.8	0.8	0.8	0.6	0.10	0.10	0.09	0.09	0.10	0.09	2.6		
12	6.940	5.689	13	100	1.6	1.0	1.9	0.9	1.1	0.8	0.11	0.11	0.07	0.10	0.10	0.09	2.6		
13	5.560	6.854	16	104	1.0	1.1	1.2	0.7	0.9	0.7	0.09	0.10	0.10	0.10	0.10	0.10	2.7		
14	4.900	5.436	21	106	0.9	0.6	0.7	0.7	0.6	0.6	0.08	0.09	0.11	0.10	0.10	0.10	2.7		
15	5.890	5.496	23	108	0.7	0.6	0.7	0.6	0.6	0.5	0.09	0.09	0.09	0.09	0.12	0.11	2.8		
16	7.550	7.192	17	108	0.7	1.1	0.8	0.8	0.7	0.8	0.12	0.11	0.12	0.11	0.13	0.10	3.0		
17	6.830	5.716	20	102	0.9	1.3	1.3	1.8	1.1	1.2	0.13	0.14	0.12	0.10	0.11	0.11	2.7		
18	7.240	6.930	28	106	0.9	1.1	1.0	0.9	1.1	0.8	0.10	0.12	0.12	0.13	0.11	0.14	3.0		
19	6.950	6.917	36	107	0.9	0.9	1.2	0.8	1.2	0.7	0.13	0.14	0.16	0.15	0.16	0.13	2.6		
20	5.230	6.141	35	104	0.7	0.6	0.8	0.9	0.8	0.7	0.12	0.12	0.12	0.13	0.15	0.15	2.5		
21	5.230	5.694	32	110	1.2	0.9	1.0	0.9	1.4	0.9	0.14	0.16	0.19	0.20	0.17	0.17	2.6		
22	6.470	6.415	19	104	0.9	0.7	0.8	0.8	1.0	0.8	0.17	0.18	0.20	0.18	0.15	0.14	2.7		
23	8.140	7.375	31	104	1.1	1.0	1.1	1.0	1.1	1.0	0.15	0.16	0.17	0.15	0.14	0.15	2.9		
24	7.220	6.404	34	106	1.2	0.9	1.3	1.0	1.1	0.8	0.13	0.15	0.13	0.11	0.10	0.10	2.8		
25	6.940	7.565	31	104	1.3	1.0	1.4	1.1	1.2	0.9	0.15	0.11	0.12	0.10	0.10	0.10	2.9		
26	6.890	7.503	31	105	1.6	2.0	2.3	1.4	1.8	1.2	0.11	0.11	0.09	0.08	0.10	0.11	2.9		
27	6.910	7.109	28	106	1.8	2.1	1.9	1.6	1.3	1.6	0.11	0.11	0.10	0.09	0.08	0.08	2.8		
28	6.890	7.144	34	106	0.7	1.1	0.9	1.0	0.9	0.8	0.08	0.08	0.08	0.08	0.11	0.08	2.9		
29	6.860	6.675	33	104	0.8	0.7	0.8	0.9	1.0	0.7	0.08	0.08	0.08	0.08	0.08	0.08	2.9		
30	7.820	6.636	33	106	0.8	1.0	0.8	0.9	0.9	0.7	0.13	0.12	0.10	0.12	0.13	0.12	2.9		
31	8.290	8.650	52	104	1.2	1.2	1.2	1.3	1.8	1.1	0.11	0.13	0.11	0.11	0.14	0.10	2.9		
Total	197.010	194.599			Max	1.8	2.1	2.3	1.8	1.8	1.6	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	6.355	6.277			Avg	1.0	1.0	1.0	0.9	1.0	0.8								
Max	8.290	8.650			95th %	1.6	1.7	1.9	1.5	1.6	1.2								
Min	4.900	4.388			Min	0.6	0.6	0.6	0.5	0.6	0.5								
95th percentile based on data from all basins											1.6								

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: August 5, 2019