

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: 11,002

Month: June Year: 2020

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	6.110	4.561	33	121	2.2	2.1	2.8	2.1	2.9	2.0	0.06	0.07	0.06	0.06	0.09	0.09	2.0	
2	5.290	6.748	36	120	1.9	2.0	2.4	1.8	2.1	2.0	0.08	0.06	0.08	0.07	0.07	0.07	1.9	
3	5.110	5.437	31	108	1.7	1.3	1.6	1.2	1.7	1.1	0.09	0.08	0.07	0.07	0.07	0.07	2.3	
4	5.690	5.715	28	120	0.9	1.4	1.2	1.0	1.4	1.1	0.07	0.10	0.07	0.05	0.06	0.08	2.4	
5	5.910	5.454	21	120	2.0	1.3	2.0	1.3	1.9	1.4	0.05	0.06	0.06	0.06	0.06	0.08	2.2	
6	6.060	7.029	24	109	1.5	1.9	2.1	1.4	2.0	1.7	0.06	0.07	0.08	0.09	0.07	0.07	2.5	
7	6.080	5.821	25	116	1.3	2.0	2.1	1.3	1.7	1.4	0.05	0.07	0.07	0.09	0.06	0.06	2.7	
8	6.060	6.598	20	115	1.5	1.4	2.0	1.3	2.1	1.9	0.06	0.06	0.07	0.09	0.09	0.08	2.8	
9	6.160	5.908	18	114	1.4	1.5	1.6	1.4	2.0	1.4	0.08	0.09	0.05	0.07	0.07	0.07	2.7	
10	6.230	6.435	11	110	1.2	1.8	1.6	1.1	2.1	1.3	0.10	0.09	0.05	0.08	0.07	0.06	2.7	
11	6.790	6.542	17	112	1.7	2.5	2.6	1.6	2.5	2.0	0.09	0.09	0.07	0.07	0.08	0.08	2.6	
12	7.400	6.679	20	110	1.8	2.7	2.2	1.4	2.3	1.5	0.10	0.09	0.11	0.08	0.07	0.06	2.7	
13	7.460	8.269	27	115	1.9	1.6	1.8	1.4	1.6	1.3	0.05	0.06	0.07	0.06	0.07	0.05	3.1	
14	7.550	7.058	22	116	1.0	1.3	1.5	1.1	1.4	1.2	0.06	0.06	0.05	0.05	0.05	0.04	2.9	
15	7.540	7.305	22	116	1.2	1.5	1.6	1.1	1.7	1.2	0.05	0.05	0.06	0.07	0.07	0.08	2.8	
16	7.550	6.690	18	112	1.1	1.4	1.4	1.1	1.5	1.5	0.07	0.08	0.06	0.05	0.04	0.07	2.9	
17	7.510	6.843	18	116	0.8	1.2	1.2	0.9	1.2	0.9	0.08	0.09	0.09	0.07	0.08	0.05	2.8	
18	7.440	8.421	13	111	1.0	1.3	1.4	1.0	1.2	1.1	0.07	0.09	0.07	0.08	0.06	0.07	3.0	
19	7.430	7.194	11	108	1.1	1.3	1.3	0.9	1.3	1.0	0.09	0.09	0.08	0.12	0.08	0.08	3.0	
20	7.220	6.394	11	105	1.8	1.4	1.3	0.9	1.1	1.0	0.06	0.07	0.08	0.09	0.06	0.06	3.0	
21	5.120	4.923	12	108	0.6	0.8	0.7	0.6	0.8	0.7	0.06	0.07	0.07	0.10	0.07	0.09	3.3	
22	5.220	5.783	16	108	1.0	0.9	1.2	0.7	1.2	0.7	0.08	0.09	0.09	0.09	0.09	0.08	3.0	
23	5.180	4.361	14	106	2.0	3.2	3.2	1.8	3.2	2.1	0.07	0.10	0.06	0.07	0.07	0.09	3.0	
24	5.310	4.879	32	108	1.7	3.0	2.7	1.6	2.5	2.4	0.09	0.10	0.07	0.08	0.09	0.07	3.1	
25	5.350	4.764	32	106	1.6	2.6	2.6	1.4	2.6	1.9	0.10	0.10	0.09	0.05	0.06	0.06	3.0	
26	5.340	6.367	31	109	1.9	3.0	3.1	1.5	3.6	2.0	0.07	0.08	0.05	0.06	0.05	0.04	2.9	
27	5.310	4.739	26	107	1.9	3.1	2.7	1.5	2.1	2.0	0.05	0.05	0.05	0.04	0.04	0.05	2.9	
28	5.250	5.857	18	106	1.5	2.6	1.9	1.4	1.9	1.8	0.05	0.06	0.04	0.06	0.04	0.04	2.9	
29	6.340	5.320	19	106	1.6	1.7	2.3	1.2	2.5	1.5	0.04	0.05	0.07	0.07	0.08	0.09	2.8	
30	6.680	5.549	19	106	1.9	3.3	2.8	2.2	2.3	2.6	0.07	0.09	0.07	0.08	0.06	0.06	2.7	
31																		
Total	187.690	183.643			Max	2.2	3.3	3.2	2.2	3.6	2.6	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	6.256	6.121			Avg	1.5	1.9	2.0	1.3	1.9	1.5							
Max	7.550	8.421			95th %	2.0	3.2	3.0	2.0	3.1	2.3							
Min	5.110	4.361			Min	0.6	0.8	0.7	0.6	0.8	0.7							
95th percentile based on data from all basins											2.9							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: July 6, 2020