

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: 10,881

Month: May Year: 2018

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	5.870	5.241	23	125	1.1	1.2	1.2	1.0	x	x	0.06	0.06	0.07	0.06	0.08	0.10	3.2	
2	5.890	5.328	22	123	1.0	1.3	1.1	1.0	x	x	0.07	0.06	0.08	0.07	0.07	0.07	2.7	
3	5.870	6.421	20	123	1.0	1.1	1.0	1.0	x	x	0.06	0.06	0.06	0.06	0.05	0.08	2.8	
4	4.950	6.390	22	123	0.9	1.0	1.1	1.0	1.5	1.2	0.07	0.08	0.07	0.09	0.10	0.10	2.8	
5	4.580	3.655	17	122	0.8	0.8	0.8	0.7	0.9	0.8	0.08	0.07	0.08	0.07	0.06	0.05	3.0	
6	4.490	5.567	18	120	0.6	0.7	0.7	0.6	0.7	0.6	0.05	0.05	0.07	0.08	0.05	0.05	3.0	
7	5.980	5.906	20	123	0.6	0.7	0.8	0.6	0.8	0.6	0.05	0.05	0.07	0.08	0.07	0.06	2.7	
8	6.010	5.844	19	117	0.8	0.9	1.0	0.9	0.9	0.8	0.07	0.08	0.07	0.07	0.08	0.08	3.0	
9	5.140	4.937	19	115	0.7	0.7	0.8	0.7	0.9	0.7	0.06	0.07	0.07	0.07	0.08	0.08	2.9	
10	5.390	5.692	17	113	0.6	0.7	0.7	0.6	0.8	0.7	0.09	0.09	0.09	0.08	0.09	0.09	3.0	
11	5.790	5.764	16	117	0.7	0.9	0.9	0.8	0.9	0.7	0.08	0.08	0.08	0.09	0.09	0.09	2.9	
12	5.780	6.975	16	114	0.8	0.8	0.9	0.7	0.9	0.7	0.08	0.08	0.09	0.10	0.08	0.08	2.9	
13	5.730	5.650	16	115	0.7	0.8	0.9	0.7	0.8	0.7	0.08	0.09	0.10	0.10	0.08	0.07	2.9	
14	5.670	4.943	18	118	0.7	0.7	1.0	0.7	0.9	0.7	0.08	0.08	0.09	0.09	0.12	0.09	2.9	
15	5.660	6.850	19	115	0.9	1.1	1.2	0.9	1.3	0.9	0.10	0.10	0.10	0.11	0.11	0.09	2.6	
16	5.920	6.883	17	115	0.9	0.9	1.1	0.8	1.1	1.0	0.11	0.12	0.11	0.14	0.12	0.10	2.9	
17	7.030	6.737	21	116	1.0	1.2	1.3	1.0	1.6	1.2	0.09	0.10	0.11	0.12	0.09	0.09	3.1	
18	7.190	6.900	23	117	1.1	1.4	1.4	1.3	1.7	1.2	0.07	0.07	0.08	0.08	0.08	0.09	3.2	
19	7.840	6.903	22	116	1.1	1.2	1.3	1.2	1.8	1.2	0.08	0.06	0.06	0.06	0.07	0.05	3.2	
20	7.000	6.251	22	116	1.1	1.5	1.4	1.2	1.5	1.3	0.06	0.07	0.07	0.06	0.07	0.06	3.1	
21	5.920	6.015	19	118	1.1	1.2	1.5	1.2	1.5	1.1	0.06	0.06	0.06	0.07	0.07	0.07	3.0	
22	5.110	6.429	17	116	1.0	1.4	1.3	1.0	1.7	1.2	0.05	0.05	0.05	0.06	0.06	0.06	3.2	
23	5.320	5.373	16	116	1.0	1.3	1.1	0.9	1.3	0.9	0.06	0.06	0.07	0.07	0.06	0.06	3.0	
24	7.000	6.377	19	117	1.3	1.7	1.6	1.1	1.8	1.7	0.08	0.08	0.07	0.07	0.07	0.07	3.2	
25	7.050	6.544	21	118	0.9	1.5	1.3	0.9	1.5	1.1	0.06	0.06	0.07	0.08	0.06	0.06	3.0	
26	7.080	7.250	17	118	1.1	1.7	1.4	1.0	1.8	1.0	0.06	0.06	0.07	0.06	0.06	0.06	3.2	
27	5.850	7.310	14	114	0.9	2.0	1.2	0.9	1.3	1.1	0.06	0.06	0.06	0.09	0.07	0.07	3.0	
28	5.790	6.401	15	114	0.9	1.4	1.4	1.0	1.5	1.0	0.06	0.07	0.06	0.08	0.07	0.07	2.9	
29	8.530	8.452	13	114	1.2	2.0	1.4	1.2	1.8	1.2	0.07	0.07	0.09	0.08	0.07	0.07	3.1	
30	6.660	7.655	14	115	1.1	2.3	1.5	1.1	1.7	1.2	0.06	0.07	0.09	0.07	0.08	0.06	3.1	
31	6.350	4.928	11	115	1.0	1.0	1.3	0.9	1.5	1.1	0.06	0.10	0.11	0.10	0.09	0.11	3.0	
Total	188.440	191.571			Max	1.3	2.3	1.6	1.3	1.8	1.7	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	6.079	6.180			Avg	0.9	1.2	1.1	0.9	1.3	1.0							
Max	8.530	8.452			95th %	1.2	2.0	1.5	1.2	1.8	1.3							
Min	4.490	3.655			Min	0.6	0.7	0.7	0.6	0.7	0.6							
95th percentile based on data from all basins											1.7							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: June 7, 2018