

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: 10,866

Month: April 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	5.090	4.579	31	120	0.5	0.6	0.6	0.6	0.7	0.6	0.06	0.05	0.07	0.06	0.05	0.07	2.8	
2	5.190	4.921	30	119	0.4	0.5	0.6	0.5	0.6	0.5	0.05	0.05	0.06	0.06	0.07	0.06	3.0	
3	5.110	3.878	30	117	0.6	0.6	0.8	0.7	0.7	0.5	0.07	0.06	0.05	0.07	0.07	0.07	3.1	
4	5.880	4.784	37	119	0.5	0.5	0.5	0.6	0.7	0.4	0.08	0.05	0.07	0.08	0.05	0.05	3.0	
5	5.020	6.107	35	116	0.6	0.7	0.7	0.7	0.8	0.6	0.05	0.05	0.05	0.06	0.05	0.06	2.8	
6	4.470	3.991	31	120	0.6	0.8	0.7	0.8	0.8	0.6	0.05	0.07	0.07	0.07	0.06	0.05	3.0	
7	4.480	3.869	31	121	0.8	0.7	0.7	0.7	0.8	0.6	0.09	0.08	0.08	0.07	0.06	0.05	2.9	
8	4.440	4.789	32	119	0.6	0.8	0.7	0.7	0.7	0.5	0.06	0.06	0.07	0.06	0.05	0.05	3.1	
9	4.420	4.666	35	119	0.5	0.8	0.8	0.8	0.9	0.6	0.05	0.06	0.06	0.06	0.06	0.06	3.0	
10	4.450	4.300	41	120	0.9	1.2	1.2	1.1	1.3	0.9	0.08	0.07	0.08	0.06	0.07	0.06	3.0	
11	4.440	3.336	39	121	1.1	1.7	1.3	1.3	1.6	1.2	0.06	0.06	0.06	0.05	0.07	0.05	3.0	
12	4.890	5.670	37	119	1.1	1.5	1.5	1.3	1.5	1.2	0.07	0.05	0.05	0.06	0.05	0.05	3.0	
13	5.630	4.653	35	120	1.1	1.4	1.5	1.5	1.4	1.2	0.05	0.05	0.05	0.04	0.05	0.06	2.9	
14	4.870	5.691	31	118	x	x	1.4	1.2	1.6	1.2	0.12	0.08	0.06	0.08	0.07	0.06	2.8	
15	4.400	5.613	29	120	x	x	1.3	1.0	1.5	1.2	0.06	0.05	0.06	0.05	0.05	0.05	3.1	
16	4.410	3.448	31	119	x	x	1.5	1.2	1.8	1.1	0.05	0.04	0.05	0.04	0.04	0.05	3.1	
17	6.790	6.117	30	120	x	x	1.3	1.2	1.6	1.2	0.05	0.05	0.05	0.05	0.04	0.06	2.9	
18	5.890	5.521	32	120	1.5	1.3	1.3	1.1	1.4	1.2	0.05	0.06	0.07	0.06	0.05	0.06	2.6	
19	5.080	4.365	32	120	1.0	1.2	1.3	1.3	1.2	0.9	0.06	0.06	0.06	0.07	0.08	0.07	3.0	
20	4.500	4.541	36	120	1.0	1.2	x	x	1.3	1.3	0.07	0.06	0.06	0.06	0.07	0.07	2.8	
21	4.170	4.634	35	121	1.2	1.3	x	x	1.6	1.3	0.06	0.06	0.07	0.08	0.08	0.07	2.8	
22	4.320	5.122	28	121	1.0	1.2	x	x	1.5	1.2	0.06	0.06	0.09	0.07	0.08	0.07	2.9	
23	4.410	3.886	28	123	1.1	1.0	x	x	1.4	1.0	0.07	0.06	0.07	0.07	0.07	0.07	3.1	
24	7.240	5.740	28	123	1.1	1.2	x	x	1.6	1.2	0.09	0.10	0.08	0.08	0.07	0.08	3.2	
25	5.390	5.988	26	122	1.2	1.1	2.3	2.3	1.6	1.2	0.09	0.07	0.08	0.11	0.08	0.08	3.0	
26	4.810	3.697	28	122	1.0	1.0	1.1	1.1	1.6	0.9	0.09	0.06	0.07	0.08	0.06	0.09	2.9	
27	4.960	3.920	24	122	0.8	1.1	1.1	1.0	x	x	0.06	0.08	0.07	0.06	0.09	0.06	2.9	
28	5.860	6.269	25	123	1.0	1.3	1.1	1.0	x	x	0.06	0.06	0.06	0.08	0.07	0.05	3.0	
29	5.910	5.966	24	122	1.1	1.2	1.3	1.0	x	x	0.05	0.05	0.08	0.09	0.04	0.06	3.0	
30	5.890	5.058	23	122	1.2	1.0	1.3	1.1	x	x	0.05	0.05	0.05	0.08	0.06	0.07	3.1	
31																		
Total		152.410	145.119		Max	1.5	1.7	2.3	2.3	1.8	1.3	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		5.080	4.837		Avg	0.9	1.0	1.1	1.0	1.2	0.9							
Max		7.240	6.269		95th %	1.2	1.5	1.5	1.5	1.6	1.3							
Min		4.170	3.336		Min	0.4	0.5	0.5	0.5	0.6	0.4							
95th percentile based on data from all basins											1.6							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: May 3, 2018