

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: August Year: 2018

PLANT NAME OR NUMBER: Navarro Mills

Connections: 10,892

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	8.470	7.467	16	92	1.0	1.7	2.1	1.0	2.2	1.3	0.06	0.06	0.08	0.09	0.07	0.07	2.8		
2	8.070	8.525	17	95	1.2	1.8	2.0	1.0	2.3	1.2	0.06	0.07	0.08	0.08	0.06	0.05	2.9		
3	10.040	9.122	18	94	1.1	1.7	1.8	1.2	2.5	1.3	0.05	0.07	0.07	0.08	0.07	0.06	2.8		
4	9.800	9.078	15	95	1.4	2.1	1.6	1.2	1.6	1.7	0.07	0.07	0.07	0.07	0.06	0.06	3.0		
5	9.760	10.342	24	94	1.0	1.1	1.1	1.0	1.4	1.1	0.07	0.06	0.08	0.07	0.06	0.06	2.9		
6	7.910	7.845	27	96	0.9	1.1	1.5	0.9	1.9	0.8	0.06	0.05	0.06	0.09	0.07	0.08	2.9		
7	7.890	8.320	16	90	1.2	2.2	1.8	1.4	2.1	1.4	0.05	0.07	0.09	0.08	0.08	0.08	2.9		
8	7.890	8.464	21	92	1.0	2.0	1.9	1.6	2.3	1.2	0.07	0.09	0.08	0.08	0.08	0.08	3.1		
9	7.980	7.545	32	94	1.2	1.8	1.9	1.6	2.1	1.2	0.08	0.09	0.13	0.11	0.09	0.10	3.1		
10	7.410	6.918	25	88	1.4	2.1	2.3	2.9	2.8	1.4	0.12	0.11	0.10	0.10	0.13	0.09	2.6		
11	5.920	6.017	21	92	1.3	1.5	1.9	1.2	1.9	1.3	0.09	0.09	0.10	0.09	0.08	0.07	3.1		
12	5.850	5.839	21	90	1.7	2.3	2.1	1.6	1.6	1.4	0.07	0.07	0.08	0.07	0.06	0.06	3.0		
13	5.670	4.913	22	88	1.1	1.4	1.7	1.0	1.9	1.1	0.06	0.07	0.07	0.09	0.08	0.06	3.2		
14	4.890	5.691	18	88	1.4	2.2	2.0	1.1	2.5	1.3	0.08	0.07	0.07	0.08	0.08	0.08	3.2		
15	4.960	4.982	20	85	1.3	2.2	2.0	1.0	2.6	1.5	0.08	0.09	0.08	0.09	0.08	0.08	3.1		
16	6.830	6.743	25	86	1.5	1.8	1.8	1.5	2.7	1.3	0.08	0.08	0.09	0.08	0.09	0.09	2.8		
17	7.440	6.732	20	86	1.5	2.6	2.7	1.6	2.7	1.8	0.09	0.09	0.08	0.09	0.10	0.10	3.0		
18	7.480	7.389	20	86	1.8	2.4	2.1	1.3	3.0	1.8	0.07	0.08	0.09	0.10	0.10	0.08	3.1		
19	7.500	6.899	15	84	1.7	3.1	2.6	1.9	3.1	2.5	0.08	0.08	0.09	0.09	0.09	0.09	1.3		
20	7.470	6.380	14	78	1.5	2.3	3.1	1.5	3.2	1.7	0.08	0.08	0.09	0.09	0.10	0.11	0.6		
21	7.470	7.158	24	82	1.7	2.5	2.4	1.5	3.1	2.0	0.08	0.07	0.06	0.06	0.07	0.06	3.1		
22	7.470	6.940	24	90	1.8	3.4	2.6	1.7	3.2	2.1	0.06	0.06	0.08	0.07	0.07	0.07	3.0		
23	7.450	7.565	25	90	2.2	2.9	3.2	1.7	3.7	2.1	0.07	0.07	0.06	0.09	0.06	0.06	3.0		
24	7.430	7.402	18	86	2.0	2.5	3.2	2.0	4.1	2.3	0.06	0.08	0.08	0.06	0.06	0.05	3.1		
25	7.460	7.820	16	90	2.3	3.3	2.7	1.7	3.8	2.1	0.05	0.05	0.05	0.06	0.06	0.05	3.2		
26	7.470	7.557	21	88	1.7	2.5	2.5	2.0	2.9	2.4	0.05	0.05	0.05	0.06	0.06	0.06	3.0		
27	7.490	6.884	16	88	1.6	2.0	2.4	1.5	2.8	1.7	0.06	0.05	0.06	0.07	0.06	0.05	3.1		
28	7.490	6.372	21	90	1.8	2.3	2.4	1.6	2.6	1.9	0.05	0.06	0.06	0.07	0.08	0.09	3.2		
29	7.490	7.866	23	92	1.6	2.2	2.6	1.4	2.9	1.5	0.09	0.08	0.07	0.07	0.09	0.08	2.5		
30	7.590	6.755	22	90	2.3	2.8	2.8	1.9	2.8	2.0	0.08	0.06	0.06	0.08	0.11	0.08	3.1		
31	7.450	8.347	16	92	1.9	2.7	3.2	1.9	3.1	1.9	0.06	0.07	0.07	0.07	0.10	0.08	3.0		
Total	231.490	225.877			Max	2.3	3.4	3.2	2.9	4.1	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	7.467	7.286			Avg	1.5	2.2	2.3	1.5	2.6							1.6		
Max	10.040	10.342			95th %	2.3	3.2	3.2	2.0	3.8							2.4		
Min	4.890	4.913			Min	0.9	1.1	1.1	0.9	1.4							0.8		
95th percentile based on data from all basins										3.2									

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: September 5, 2018