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:**	10,955
Month:	April	**Year:** 2019	**Population:**	23,770

PERFORMANCE DATA

Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES NTU	RAW WATER ANALYSES Alk.	SETTLED WATER TURBIDITY (Mandatory Data) Basin No. 1	2	3	4	5	6	FINISHED WATER QUALITY Combined Filter Effluent Turbidity NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Lowest Residual	Time=
1	5.030	4.543	26	140	0.9	1.0	1.2	0.9	1.5	1.0	0.10	0.10	0.11	0.10	0.11	0.11	2.5	
2	5.000	5.682	26	140	1.4	1.4	1.4	1.2	1.6	1.1	0.09	0.11	0.10	0.13	0.11	0.09	2.4	
3	5.010	4.919	34	142	1.0	1.0	1.3	1.1	1.5	1.4	0.09	0.09	0.09	0.11	0.09	0.10	2.4	
4	5.020	4.303	29	142	1.3	1.3	1.6	1.2	2.1	1.2	0.11	0.10	0.09	0.10	0.10	0.08	2.3	
5	4.950	5.554	39	144	1.2	1.2	1.2	1.2	1.6	1.2	0.11	0.10	0.09	0.09	0.09	0.10	2.3	
6	4.980	4.492	37	146	1.2	1.2	1.3	1.0	1.7	1.1	0.11	0.09	0.10	0.08	0.09	0.09	2.7	
7	5.240	5.788	29	146	1.6	1.1	1.7	1.1	1.7	1.4	0.09	0.08	0.11	0.09	0.08	0.07	2.7	
8	5.290	4.663	31	142	0.9	1.0	1.4	1.6	1.4	1.1	0.08	0.08	0.09	0.12	0.11	0.09	2.6	
9	4.750	5.072	25	142	1.1	0.9	x	x	1.2	0.9	0.09	0.08	0.10	0.08	0.07	0.08	2.5	
10	4.500	3.054	24	144	1.2	1.0	x	x	1.3	1.0	0.07	0.07	0.07	0.07	0.08	0.08	2.5	
11	8.320	6.133	25	145	0.9	1.4	x	x	1.4	1.2	0.09	0.09	0.08	0.08	0.09	0.09	2.5	
12	4.470	5.484	25	142	0.7	0.8	1.0	1.3	1.1	0.9	0.09	0.10	0.11	0.12	0.09	0.10	2.7	
13	4.510	4.509	36	145	0.9	1.3	1.5	1.2	1.3	1.2	0.10	0.09	0.08	0.08	0.10	0.10	2.6	
14	4.530	4.656	24	144	0.7	0.8	1.0	0.7	0.8	0.8	0.10	0.09	0.09	0.10	0.10	0.10	2.6	
15	4.710	4.769	17	142	0.8	0.5	0.7	0.6	1.0	0.6	0.10	0.09	0.09	0.09	0.09	0.09	2.9	
16	5.230	5.173	15	142	0.8	0.8	0.9	0.6	0.9	0.7	0.11	0.12	0.12	0.12	0.11	0.11	2.9	
17	5.200	5.087	18	140	0.7	0.7	0.8	0.7	1.1	0.6	0.13	0.11	0.11	0.11	0.11	0.12	2.9	
18	4.610	4.672	12	140	0.6	1.4	0.9	0.7	0.8	0.6	0.11	0.10	0.12	0.09	0.11	0.11	2.5	
19	5.990	5.978	13	136	1.0	0.9	1.1	0.8	x	1.1	0.09	0.08	0.12	0.13	0.10	0.12	2.8	
20	7.880	5.594	13	140	1.5	1.2	0.9	0.8	x	0.9	0.12	0.12	0.12	0.11	0.11	0.10	3.2	
21	5.180	5.482	17	134	0.7	0.9	1.0	0.8	x	1.0	0.10	0.11	0.11	0.12	0.12	0.10	2.9	
22	4.790	5.589	16	132	0.8	0.7	1.1	0.8	x	1.0	0.11	0.11	0.12	0.11	0.12	0.11	2.5	
23	4.340	4.549	17	130	0.7	0.9	1.0	0.8	x	1.0	0.13	0.12	0.14	0.15	0.14	0.14	2.5	
24	4.480	4.530	18	130	0.9	0.8	1.2	0.8	x	x	0.13	0.12	0.12	0.12	0.12	0.13	2.6	
25	4.880	3.765	13	132	0.8	1.8	1.0	1.0	x	x	0.13	0.12	0.12	0.12	0.13	0.12	2.4	
26	4.740	4.373	14	130	0.7	1.1	1.2	0.9	x	x	0.12	0.12	0.13	0.13	0.11	0.11	2.4	
27	4.630	5.686	15	129	1.0	2.1	1.5	1.2	x	x	0.12	0.12	0.11	0.10	0.11	0.09	2.4	
28	4.600	4.573	15	130	1.0	0.9	1.2	0.9	x	x	0.09	0.10	0.09	0.10	0.09	0.09	2.4	
29	6.330	4.517	14	132	0.9	1.1	1.4	1.0	x	x	0.09	0.08	0.09	0.10	0.10	0.10	2.5	
30	5.240	4.938	16	130	0.9	1.2	1.1	0.9	1.4	1.4	0.11	0.12	0.11	0.11	0.13	0.13	2.6	
31																		
Total	154.430	148.127		**Max**	1.6	2.1	1.7	1.6	2.1	1.4								
Avg	5.148	4.938		**Avg**	1.0	1.1	1.2	1.0	1.3	1.0								
Max	8.320	6.133		**95th %**	1.5	1.6	1.6	1.3	1.7	1.4								
Min	4.340	3.054		**Min**	0.6	0.5	0.7	0.6	0.8	0.6								

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.

95th percentile based on data from all basins	1.6

SUBMITTED BY:			**Certificate No. and Grade:**	WO0024634, A	**Date:**	May 3, 2019