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:** 10,917
Month: September	**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 Basin No. 1	2	3	4	5	6	Combined Filter Effluent Turbidity NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Lowest Residual	Time=
1	5.920	6.342	22	102	0.9	1.2	1.0	0.8	1.1	1.0	0.06	0.08	0.12	0.09	0.05	0.05	3.0	
2	6.000	5.333	21	100	1.7	1.1	1.4	1.0	2.2	1.1	0.06	0.06	0.08	0.08	0.06	0.07	3.0	
3	6.120	6.798	16	100	2.6	0.9	1.7	1.3	2.6	1.1	0.08	0.06	0.05	0.07	0.11	0.07	2.8	
4	6.160	6.167	18	100	1.1	0.8	1.1	0.7	1.2	1.0	0.08	0.08	0.07	0.08	0.06	0.06	3.0	
5	6.110	5.645	17	98	1.9	1.5	1.5	1.3	1.6	1.3	0.08	0.08	0.07	0.06	0.05	0.05	3.0	
6	6.060	6.733	15	100	0.9	1.5	1.8	1.9	2.3	1.6	0.06	0.06	0.07	0.09	0.09	0.06	3.1	
7	6.180	7.763	15	98	1.0	1.2	1.7	1.4	1.7	1.0	0.06	0.06	0.07	0.11	0.07	0.07	3.0	
8	6.180	6.243	10	100	0.8	1.1	0.9	0.9	1.0	0.7	0.07	0.07	0.06	0.08	0.08	0.07	3.0	
9	6.980	6.800	16	98	1.0	1.0	1.3	1.0	1.3	0.8	0.07	0.09	0.10	0.09	0.09	0.08	3.0	
10	7.490	7.423	18	98	1.7	1.1	1.4	0.9	1.4	1.0	0.09	0.11	0.10	0.10	0.10	0.11	3.1	
11	6.260	6.575	17	98	1.2	1.2	1.2	1.4	1.5	0.9	0.11	0.10	0.09	0.09	0.09	0.07	2.9	
12	6.100	5.764	27	94	1.3	1.5	1.6	1.1	1.8	0.8	0.10	0.10	0.07	0.07	0.08	0.08	2.9	
13	7.220	7.287	23	99	1.5	1.8	2.0	1.0	2.1	0.9	0.10	0.08	0.06	0.08	0.09	0.09	3.1	
14	7.440	6.892	18	99	x	2.1	1.8	2.0	1.9	1.9	0.07	0.07	0.06	0.10	0.07	0.07	2.8	
15	7.600	6.815	22	98	x	1.3	1.2	1.1	1.4	0.9	0.06	0.08	0.08	0.11	0.07	0.07	2.9	
16	8.170	7.018	18	99	x	1.2	1.2	0.8	1.6	1.1	0.05	0.05	0.08	0.07	0.09	0.09	3.1	
17	8.510	7.166	24	100	1.5	x	1.9	1.1	2.0	1.1	0.13	0.08	0.10	0.08	0.08	0.07	2.9	
18	6.730	7.208	19	100	1.2	x	2.5	1.5	1.9	1.9	0.09	0.10	0.09	0.06	0.07	0.07	2.7	
19	6.150	5.512	28	102	1.3	x	1.5	1.3	2.0	1.5	0.10	0.10	0.07	0.08	0.08	0.10	3.0	
20	6.920	6.807	23	102	1.3	x	3.0	1.4	2.6	1.1	0.09	0.08	0.13	0.07	0.08	0.09	2.8	
21	6.100	6.182	20	100	1.2	0.9	1.8	0.9	1.7	1.1	0.09	0.07	0.06	0.05	0.08	0.06	3.1	
22	6.300	5.988	28	100	1.0	1.0	1.6	1.2	1.6	1.1	0.05	0.06	0.08	0.06	0.06	0.10	3.1	
23	7.420	6.191	21	100	1.1	1.0	1.6	0.9	2.0	0.8	0.16	0.09	0.12	0.10	0.08	0.09	3.2	
24	7.410	6.559	43	100	1.2	1.5	1.2	1.6	2.3	1.5	0.11	0.09	0.07	0.08	0.09	0.09	3.1	
25	7.410	7.100	25	100	1.3	1.2	1.9	1.3	2.5	1.2	0.08	0.10	0.08	0.08	0.07	0.07	3.0	
26	6.720	5.811	22	100	1.3	1.5	1.9	1.4	2.6	1.7	0.09	0.09	0.09	0.07	0.08	0.08	2.9	
27	6.350	7.146	24	102	0.9	1.0	1.7	0.9	2.0	0.8	0.10	0.10	0.07	0.07	0.08	0.10	2.8	
28	6.280	6.168	30	103	1.1	1.1	1.3	0.8	1.4	0.6	0.08	0.07	0.06	0.09	0.12	0.09	2.7	
29	7.260	6.499	24	101	1.0	1.1	1.3	0.8	1.3	0.9	0.08	0.08	0.07	0.09	0.11	0.09	2.8	
30	8.200	7.483	28	100	1.2	1.1	1.6	1.0	2.1	1.0	0.08	0.08	0.11	0.07	0.08	0.08	2.9	
31																		
Total	203.750	197.418		**Max**	2.6	2.1	3.0	2.0	2.6	1.9								
Avg	6.792	6.581		**Avg**	1.3	1.2	1.6	1.2	1.8	1.1								
Max	8.510	7.763		**95th %**	1.8	1.7	2.3	1.8	2.6	1.8								
Min	5.920	5.333		**Min**	0.8	0.8	0.9	0.7	1.0	0.6								

95th percentile based on data from all basins	2.2

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.

SUBMITTED BY:	**Certificate No. and Grade:** WO0024634, A	**Date:** October 4, 2019	