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:** 10,926

Month: February **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	5.300	4.983	19	117	2.3	x	2.3	1.9	2.3	1.8	0.08	0.07	0.06	0.06	0.06	0.07	2.9	
2	5.330	5.863	22	120	2.7	x	2.4	1.7	2.9	1.9	0.07	0.07	0.05	0.07	0.06	0.05	2.8	
3	5.310	5.131	19	120	2.6	x	2.4	1.9	2.6	1.8	0.05	0.05	0.06	0.07	0.05	0.05	2.7	
4	4.680	4.153	17	120	2.4	x	2.1	1.7	2.4	1.7	0.05	0.05	0.08	0.08	0.09	0.08	2.8	
5	4.400	4.622	23	122	2.0	x	1.9	1.3	2.2	1.4	0.09	0.07	0.08	0.06	0.08	0.07	2.8	
6	4.720	4.626	20	126	2.1	x	2.0	1.3	2.1	1.4	0.09	0.09	0.09	0.07	0.08	0.07	2.8	
7	5.410	5.435	23	128	2.1	x	1.8	1.4	1.9	1.4	0.07	0.07	0.07	0.08	0.07	0.06	2.9	
8	5.300	5.283	20	118	2.0	x	1.8	1.3	2.5	1.4	0.08	0.07	0.07	0.07	0.08	0.08	2.9	
9	5.320	5.103	19	129	2.1	x	1.7	1.7	2.0	1.5	0.08	0.07	0.07	0.07	0.07	0.07	3.3	
10	4.890	4.563	17	128	2.2	x	1.8	1.3	2.0	1.4	0.07	0.07	0.08	0.07	0.06	0.06	3.0	
11	4.390	3.247	19	132	2.3	x	2.3	1.5	1.4	1.5	0.06	0.04	0.07	0.06	0.05	0.05	3.0	
12	4.410	4.738	13	132	1.3	x	1.2	1.0	1.3	1.0	0.06	0.06	0.07	0.07	0.06	0.06	2.8	
13	4.390	3.738	11	132	1.3	x	1.1	1.0	1.5	0.8	0.07	0.07	0.09	0.07	0.08	0.09	2.8	
14	4.540	5.013	11	130	x	x	1.2	0.9	1.3	0.9	0.09	0.09	0.09	0.09	0.09	0.08	2.9	
15	5.290	5.257	11	130	x	x	1.2	0.9	1.4	1.0	0.07	0.07	0.06	0.06	0.08	0.06	2.9	
16	5.330	5.542	17	130	x	x	1.0	0.8	1.1	1.0	0.06	0.06	0.07	0.09	0.08	0.07	2.9	
17	5.360	6.063	16	134	x	x	1.3	1.1	1.8	1.1	0.07	0.07	0.07	0.06	0.06	0.05	2.9	
18	5.290	4.089	16	132	x	x	1.6	1.0	2.1	1.1	0.06	0.06	0.07	0.08	0.08	0.09	3.0	
19	5.310	5.728	19	132	x	x	1.4	1.0	1.4	1.1	0.08	0.09	0.08	0.08	0.11	0.09	3.1	
20	5.380	5.363	18	132	x	x	1.6	1.1	1.8	1.3	0.07	0.07	0.07	0.08	0.07	0.07	2.9	
21	5.510	6.993	21	132	x	x	1.6	1.0	1.7	1.3	0.08	0.08	0.07	0.09	0.09	0.07	2.9	
22	5.470	4.923	19	133	x	x	1.6	1.5	1.9	1.5	0.08	0.07	0.07	0.07	0.10	0.08	2.9	
23	5.450	5.499	23	134	x	x	1.6	1.4	2.0	1.4	0.08	0.08	0.09	0.07	0.08	0.09	2.9	
24	5.390	6.003	19	136	x	x	1.8	1.4	2.0	1.6	0.08	0.08	0.08	0.09	0.09	0.08	2.9	
25	4.720	3.832	21	136	x	x	1.9	1.6	3.5	1.6	0.08	0.07	0.08	0.09	0.09	0.09	2.8	
26	4.280	5.530	24	130	x	x	2.2	1.5	2.1	1.4	0.08	0.09	0.08	0.10	0.09	0.10	2.7	
27	4.280	4.409	27	135	x	x	1.9	1.5	2.1	1.5	0.09	0.09	0.09	0.09	0.08	0.09	2.9	
28	4.280	3.771	24	132	x	x	1.6	1.5	1.8	1.3	0.09	0.10	0.11	0.11	0.11	0.11	3.0	
29																		
30																		
31																		
Total	139.730	139.500		**Max**	**2.7**	**ND**	**2.4**	**1.9**	**3.5**	**1.9**								
Avg	4.990	4.982		**Avg**	**2.1**	**ND**	**1.7**	**1.3**	**2.0**	**1.4**								
Max	5.510	6.993		**95th %**	**2.6**	**ND**	**2.4**	**1.8**	**2.8**	**1.8**								
Min	4.280	3.247		**Min**	**1.3**	**ND**	**1.0**	**0.8**	**1.1**	**0.8**								
				95th percentile based on data from all basins						**2.4**								

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:** March 5, 2019