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:** 10,927

Month: October **Year:** 2018 **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	6.190	4.984	36	96	x	x	2.5	1.8	3.6	2.0	0.06	0.07	0.15	0.08	0.07	0.07	2.9	
2	8.040	6.732	32	96	x	x	1.8	2.3	2.3	2.2	0.05	0.06	0.06	0.06	0.06	0.05	2.8	
3	6.120	6.830	18	90	1.1	1.1	1.7	1.7	1.6	1.6	0.05	0.06	0.06	0.05	0.07	0.07	2.9	
4	6.100	5.692	18	88	0.9	1.1	x	x	1.7	1.2	0.09	0.09	0.09	0.08	0.08	0.07	3.1	
5	6.080	5.771	14	89	1.2	1.2	x	x	2.2	1.4	0.09	0.09	0.06	0.07	0.08	0.07	2.9	
6	6.240	5.828	20	90	1.2	1.2	x	x	2.3	1.2	0.09	0.08	0.06	0.07	0.07	0.08	3.0	
7	6.110	6.395	17	94	1.0	1.1	x	x	1.4	1.0	0.07	0.07	0.06	0.08	0.06	0.07	3.0	
8	5.640	6.553	16	92	1.4	1.6	x	x	2.2	1.2	0.07	0.07	0.07	0.07	0.07	0.09	3.1	
9	5.130	5.420	19	94	1.3	1.9	x	x	2.0	1.7	0.09	0.08	0.08	0.09	0.10	0.10	2.9	
10	5.210	5.337	20	93	1.2	1.7	x	x	1.9	1.3	0.09	0.07	0.09	0.08	0.07	0.09	2.8	
11	7.500	6.516	24	92	1.3	1.8	x	x	1.8	1.2	0.08	0.07	0.07	0.10	0.09	0.08	2.6	
12	5.270	4.869	30	94	1.5	2.4	1.6	1.7	3.0	2.1	0.05	0.07	0.06	0.08	0.08	0.08	3.0	
13	5.350	5.193	30	90	2.0	2.0	2.0	1.6	x	x	0.06	0.07	0.09	0.09	0.07	0.07	2.9	
14	5.440	5.261	28	92	1.0	1.0	1.1	0.9	x	x	0.05	0.05	0.09	0.10	0.06	0.06	2.9	
15	5.550	4.437	30	93	0.9	1.1	1.2	0.7	x	x	0.05	0.06	0.09	0.10	0.06	0.10	3.0	
16	5.650	6.408	33	92	1.3	1.5	1.0	0.9	x	x	0.09	0.07	0.08	0.08	0.06	0.06	2.8	
17	5.640	4.687	54	88	1.1	1.3	1.6	1.0	x	x	0.07	0.07	0.08	0.06	0.05	0.06	3.1	
18	5.610	4.931	87	90	1.8	2.2	2.3	2.0	x	x	0.08	0.09	0.10	0.08	0.08	0.08	3.2	
19	5.610	5.642	80	90	2.3	2.9	2.9	2.6	x	x	0.08	0.07	0.07	0.09	0.08	0.14	3.1	
20	5.600	5.340	68	90	2.5	2.3	2.8	2.2	x	x	0.16	0.12	0.12	0.12	0.06	0.05	3.0	
21	5.580	5.082	60	92	2.5	2.4	3.1	2.5	x	x	0.05	0.05	0.07	0.07	0.06	0.05	2.9	
22	5.570	5.120	45	91	2.8	2.5	3.3	2.3	x	x	0.05	0.05	0.05	0.06	0.08	0.07	2.9	
23	7.630	5.322	40	88	1.8	2.3	2.4	1.9	x	x	0.06	0.08	0.07	0.06	0.06	0.06	3.0	
24	7.460	5.609	45	90	2.4	2.1	3.1	2.5	3.4	2.9	0.06	0.09	0.08	0.10	0.09	0.08	3.0	
25	6.170	5.814	42	90	1.7	2.0	2.2	1.8	2.5	2.2	0.08	0.09	0.07	0.09	0.09	0.08	2.9	
26	5.490	6.315	31	92	1.5	1.6	2.0	1.5	2.2	1.7	0.05	0.05	0.05	0.05	0.08	0.06	2.8	
27	5.400	5.246	27	90	1.3	1.7	2.0	1.3	2.0	1.5	0.06	0.05	0.08	0.06	0.06	0.06	2.9	
28	5.420	6.153	25	94	1.3	1.5	1.8	1.4	2.0	1.4	0.06	0.05	0.06	0.05	0.05	0.06	2.8	
29	5.570	5.401	23	94	1.3	1.4	2.1	1.3	2.1	1.3	0.04	0.05	0.05	0.05	0.08	0.04	2.8	
30	5.450	4.945	19	94	1.1	1.3	1.6	1.2	1.7	1.1	0.05	0.08	0.04	0.07	0.05	0.05	2.8	
31	5.490	5.111	19	96	1.1	1.4	1.6	1.2	1.5	1.2	0.06	0.05	0.06	0.07	0.09	0.14	2.7	
Total	183.310	172.944		**Max**	**2.8**	**2.9**	**3.3**	**2.6**	**3.6**	**2.9**								
Avg	5.913	5.579		**Avg**	**1.5**	**1.7**	**2.1**	**1.7**	**2.2**	**1.6**								
Max	8.040	6.830		**95th %**	**2.5**	**2.5**	**3.1**	**2.5**	**3.4**	**2.2**								
Min	5.130	4.437		**Min**	**0.9**	**1.0**	**1.0**	**0.7**	**1.4**	**1.0**								
				95th percentile based on data from all basins						**2.9**								

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:** November 5, 2018