

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: October Year: 2019

PLANT NAME OR NUMBER: Navarro Mills

Connections: 10,989

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	7.830	7.227	27	100	1.2	1.4	1.5	1.0	1.6	1.0	0.08	0.08	0.09	0.07	0.09	0.10	3.0		
2	7.250	6.046	27	100	1.1	1.6	1.8	1.1	2.0	0.9	0.08	0.09	0.06	0.07	0.10	0.10	2.9		
3	7.250	6.538	30	100	1.3	1.2	1.5	1.3	1.8	1.1	0.09	0.09	0.09	0.09	0.08	0.07	3.0		
4	7.460	7.178	29	98	1.3	1.3	x	1.9	2.5	1.1	0.09	0.09	0.09	0.07	0.08	0.08	2.8		
5	7.320	6.950	28	102	1.1	1.1	x	1.2	1.9	1.3	0.08	0.06	0.05	0.06	0.08	0.06	2.9		
6	7.370	6.722	26	100	1.1	1.1	x	1.2	1.3	0.9	0.06	0.06	0.10	0.07	0.06	0.06	2.9		
7	7.990	6.863	26	100	1.0	0.9	x	1.9	1.2	2.7	0.07	0.07	0.09	0.08	0.09	0.08	2.9		
8	7.320	6.640	29	100	1.0	1.0	1.4	x	1.2	1.3	0.09	0.08	0.07	0.07	0.08	0.07	3.0		
9	8.040	5.436	30	101	0.9	1.1	1.2	x	1.9	1.2	0.09	0.09	0.07	0.09	0.06	0.05	2.9		
10	7.350	6.283	30	104	1.1	1.0	1.2	1.3	2.4	1.5	0.07	0.06	0.05	0.06	0.06	0.06	3.0		
11	6.480	5.779	32	100	1.0	1.5	1.3	1.5	1.9	1.0	0.08	0.08	0.08	0.07	0.07	0.07	2.9		
12	6.040	6.639	32	98	0.7	0.9	0.9	0.7	1.2	0.8	0.06	0.07	0.07	0.06	0.07	0.07	3.0		
13	5.410	5.851	68	100	1.0	1.2	1.2	1.1	1.2	1.1	0.10	0.09	0.09	0.08	0.06	0.06	2.7		
14	5.080	5.306	61	100	1.4	1.9	2.0	1.4	3.0	1.5	0.07	0.09	0.10	0.08	0.08	0.08	2.5		
15	5.120	5.441	54	100	1.9	2.5	2.0	1.8	2.6	1.7	0.09	0.09	0.08	0.07	0.11	0.09	2.8		
16	5.030	4.494	51	100	1.6	1.7	1.8	1.3	2.6	1.3	0.07	0.09	0.08	0.07	0.08	0.07	2.9		
17	5.010	6.068	43	104	1.2	1.7	1.6	1.3	2.2	1.2	0.09	0.08	0.08	0.09	0.08	0.09	2.9		
18	5.500	4.556	43	102	1.4	1.7	1.3	1.4	x	1.4	0.09	0.08	0.06	0.05	0.06	0.09	2.9		
19	5.850	6.867	45	105	1.2	1.4	1.6	1.0	x	1.5	0.08	0.06	0.09	0.10	0.05	0.06	3.1		
20	5.920	5.298	35	100	1.0	1.3	1.2	1.0	x	1.4	0.06	0.06	0.06	0.09	0.08	0.06	3.0		
21	6.630	5.279	27	103	0.9	1.2	1.8	1.1	x	1.6	0.05	0.07	0.07	0.08	0.09	0.08	3.0		
22	5.130	5.018	42	100	0.9	1.5	1.4	1.2	1.6	x	0.14	0.07	0.08	0.09	0.11	0.11	2.9		
23	5.150	5.513	30	100	1.4	1.2	1.4	1.1	1.5	x	0.11	0.11	0.07	0.07	0.06	0.04	2.8		
24	5.130	5.500	32	100	1.0	1.3	1.4	1.5	1.6	x	0.12	0.08	0.08	0.08	0.06	0.06	2.8		
25	5.290	5.529	25	100	1.0	1.6	1.5	1.1	1.6	x	0.09	0.12	0.12	0.09	0.05	0.07	2.8		
26	5.480	5.161	28	103	1.0	2.0	1.3	1.0	1.4	x	0.05	0.06	0.05	0.08	0.05	0.05	3.0		
27	5.410	5.795	26	100	1.2	1.0	1.2	1.0	1.6	x	0.06	0.05	0.05	0.10	0.04	0.06	3.0		
28	6.280	4.927	46	100	1.4	1.1	1.6	1.2	2.2	x	0.06	0.05	0.06	0.05	0.06	0.06	2.9		
29	5.230	4.931	45	100	1.3	1.9	1.4	1.1	1.7	1.7	0.06	0.11	0.07	0.07	0.09	0.09	2.9		
30	5.260	4.102	41	100	1.4	1.4	1.7	1.2	2.3	1.3	0.09	0.07	0.06	0.08	0.09	0.08	3.0		
31	5.260	5.012	42	101	0.9	1.2	1.3	0.8	1.5	1.1	0.07	0.08	0.05	0.06	0.06	0.09	3.1		
Total	190.870	178.949			Max	1.9	2.5	2.0	1.9	3.0	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	6.157	5.773			Avg	1.2	1.4	1.5	1.2	1.8							1.3		
Max	8.040	7.227			95th %	1.5	2.0	1.9	1.9	2.6							1.7		
Min	5.010	4.102			Min	0.7	0.9	0.9	0.7	1.2							0.8		
95th percentile based on data from all basins										2.2									

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: November 7, 2019