

# 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: November Year: 2019

PLANT NAME OR NUMBER: Navarro Mills

Connections: 10,910

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	5.240	5.207	48	98	1.2	1.2	1.3	1.0	1.6	1.0	0.10	0.05	0.05	0.09	0.07	0.06	3.0	
2	5.250	4.344	47	104	1.0	1.1	1.4	1.1	1.5	1.2	0.06	0.05	0.06	0.07	0.07	0.07	2.9	
3	5.310	5.449	38	100	1.1	1.2	1.3	1.1	1.6	1.2	0.04	0.05	0.07	0.08	0.05	0.04	2.8	
4	5.300	4.141	37	104	1.3	1.1	1.5	1.1	1.9	1.1	0.04	0.05	0.04	0.05	0.06	0.05	2.8	
5	5.260	5.344	31	102	1.3	1.4	1.4	1.1	1.7	1.2	0.06	0.07	0.04	0.08	0.05	0.06	2.8	
6	5.300	5.650	26	102	1.3	1.3	1.6	1.4	3.5	1.4	0.06	0.11	0.07	0.06	0.07	0.05	2.8	
7	5.280	4.861	17	104	0.9	1.3	1.5	1.5	1.9	1.1	0.06	0.06	0.10	0.05	0.05	0.05	2.7	
8	5.200	4.731	21	98	0.8	1.3	1.3	0.9	1.8	0.9	0.07	0.08	0.05	0.06	0.05	0.05	2.8	
9	5.400	4.876	23	103	0.8	0.9	1.2	0.9	1.2	0.9	0.06	0.07	0.05	0.06	0.06	0.06	2.9	
10	5.400	5.189	26	102	0.7	0.9	1.0	0.7	1.1	0.8	0.06	0.08	0.07	0.07	0.06	0.07	2.8	
11	5.300	4.999	23	104	0.8	0.9	1.2	1.0	1.3	1.0	0.06	0.07	0.07	0.07	0.07	0.07	2.9	
12	5.600	5.030	23	102	0.9	1.1	1.0	0.8	1.3	0.8	0.09	0.09	0.07	0.09	0.09	0.07	3.0	
13	6.030	4.930	28	102	0.9	1.1	1.0	1.0	1.7	1.0	0.08	0.08	0.08	0.07	0.06	0.06	2.4	
14	6.030	4.908	30	104	0.9	1.6	1.4	1.5	2.2	1.6	0.06	0.06	0.05	0.05	0.05	0.06	3.4	
15	5.910	5.191	36	102	1.0	1.1	1.4	1.1	1.9	1.0	0.05	0.05	0.05	0.05	0.06	0.06	3.1	
16	6.210	5.678	37	102	0.9	1.2	1.4	1.0	1.7	1.1	0.07	0.07	0.06	0.07	0.06	0.06	3.0	
17	6.220	5.944	38	104	1.0	1.1	1.4	1.1	1.4	1.1	0.06	0.06	0.09	0.05	0.06	0.05	3.0	
18	5.670	4.722	31	104	0.9	1.0	1.4	1.2	1.9	1.0	0.04	0.04	0.04	0.05	0.06	0.05	2.8	
19	5.260	4.414	31	104	0.8	1.2	1.5	1.0	1.7	1.1	0.06	0.06	0.05	0.07	0.05	0.05	2.7	
20	5.390	4.332	39	100	1.2	1.1	2.0	1.1	2.6	1.1	0.05	0.08	0.04	0.05	0.05	0.04	2.8	
21	5.270	4.470	40	107	1.0	1.3	1.3	1.2	1.8	1.1	0.05	0.06	0.04	0.05	0.06	0.05	2.8	
22	5.150	5.095	28	105	1.0	1.2	1.4	1.1	2.1	1.2	0.04	0.04	0.04	0.08	0.05	0.05	2.8	
23	5.200	5.208	27	106	0.9	1.1	1.2	1.0	1.6	1.0	0.04	0.04	0.05	0.05	0.04	0.04	2.9	
24	5.220	5.155	26	106	0.8	1.1	1.4	0.9	1.2	0.9	0.05	0.05	0.05	0.05	0.05	0.05	2.8	
25	5.200	3.826	24	104	1.0	0.9	1.6	0.8	1.6	0.8	0.04	0.04	0.05	0.04	0.05	0.05	2.8	
26	4.810	5.430	21	104	0.9	1.1	1.1	0.8	1.4	1.4	0.05	0.05	0.04	0.06	0.11	0.05	2.5	
27	5.020	3.857	21	104	1.1	1.4	1.4	1.0	2.1	1.1	0.05	0.07	0.05	0.06	0.05	0.06	2.7	
28	5.130	5.542	30	108	0.9	1.4	1.3	1.0	1.7	1.0	0.07	0.06	0.05	0.04	0.05	0.06	2.8	
29	5.270	4.592	25	105	0.9	1.1	1.6	0.9	2.7	0.9	0.05	0.08	0.05	0.05	0.05	0.06	2.8	
30	5.140	5.831	26	105	0.8	1.3	1.4	1.1	1.7	1.2	0.05	0.06	0.05	0.06	0.06	0.05	2.7	
31																		
Total	161.970	148.946			Max	1.3	1.6	2.0	1.5	3.5	1.6	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.						
Avg	5.399	4.965			Avg	1.0	1.2	1.4	1.0	1.8	1.1							
Max	6.220	5.944			95th %	1.3	1.4	1.6	1.5	2.7	1.4							
Min	4.810	3.826			Min	0.7	0.9	1.0	0.7	1.1	0.8							
95th percentile based on data from all basins											1.9							

SUBMITTED BY: \_\_\_\_\_ Certificate No. and Grade: WO0024634, A Date: December 6, 2019