

# 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: <u>City of Corsicana</u>	PLANT NAME OR NUMBER: <u>Navarro Mills</u>
PWS ID No.: <u>1750002</u> Plant ID No.: <u>15002</u>	Connections: <u>10,947</u>
Month: <u>March</u> Year: <u>2020</u>	Population: <u>23,770</u>

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	4.950	5.046	38	96	1.5	1.9	2.2	1.7	2.3	1.9	0.06	0.06	0.06	0.06	0.06	0.05	2.7		
2	4.800	3.362	41	98	1.4	1.9	2.2	2.0	2.2	1.9	0.05	0.05	0.06	0.06	0.06	0.06	2.6		
3	4.350	5.532	38	98	1.5	1.8	2.0	1.7	2.1	2.1	0.06	0.06	0.06	0.06	0.06	0.08	2.7		
4	4.150	3.183	50	98	1.6	1.9	2.4	1.6	2.3	1.7	0.09	0.09	0.05	0.05	0.08	0.06	3.0		
5	4.230	3.681	40	97	1.3	1.7	1.9	1.5	1.9	1.6	0.07	0.06	0.05	0.06	0.06	0.06	3.0		
6	5.430	4.840	36	96	1.5	2.0	2.4	1.8	2.4	2.0	0.07	0.05	0.04	0.04	0.05	0.05	3.0		
7	5.850	5.402	38	100	2.1	2.1	2.5	2.1	2.5	2.3	0.05	0.06	0.08	0.08	0.11	0.09	2.9		
8	4.720	5.163	41	98	1.8	2.0	2.3	1.9	2.1	2.0	0.08	0.08	0.07	0.06	0.06	0.06	3.0		
9	4.150	2.734	31	95	1.5	1.6	1.9	1.7	1.9	1.7	0.05	0.04	0.08	0.05	0.07	0.07	2.9		
10	4.180	4.083	30	95	1.2	1.5	1.7	1.5	1.6	1.7	0.07	0.06	0.05	0.05	0.07	0.07	2.9		
11	4.770	5.133	27	96	1.1	1.5	2.1	1.6	1.9	1.3	0.06	0.07	0.04	0.04	0.03	0.04	2.9		
12	5.120	4.071	35	95	1.2	1.3	1.5	1.7	1.8	1.7	0.05	0.07	0.04	0.06	0.05	0.05	2.5		
13	4.560	4.571	29	100	1.0	1.4	1.7	1.5	1.7	1.5	0.06	0.09	0.08	0.06	0.06	0.05	2.6		
14	4.040	4.810	35	100	1.1	1.3	1.5	1.2	1.5	2.1	0.05	0.05	0.05	0.07	0.05	0.05	2.8		
15	4.130	3.794	36	100	0.9	1.4	1.5	1.2	1.4	1.1	0.04	0.04	0.04	0.07	0.05	0.05	2.8		
16	4.130	2.742	38	100	1.7	1.4	2.1	1.5	2.1	1.4	0.04	0.05	0.06	0.06	0.05	0.06	2.8		
17	4.110	4.770	29	99	1.6	1.2	1.7	1.3	1.8	1.3	0.07	0.07	0.07	0.08	0.08	0.09	2.9		
18	4.140	3.394	37	99	1.2	1.5	1.9	1.5	1.7	1.4	0.08	0.08	0.07	0.07	0.06	0.06	2.9		
19	4.560	4.904	29	102	1.2	1.5	1.4	1.8	1.9	1.4	0.07	0.08	0.06	0.07	0.09	0.08	2.8		
20	5.460	4.861	28	97	1.1	1.4	1.5	1.5	1.5	1.5	0.09	0.08	0.09	0.09	0.08	0.10	2.6		
21	4.580	4.788	29	96	1.0	1.5	1.7	1.3	1.7	1.4	0.09	0.07	0.08	0.08	0.07	0.07	2.8		
22	4.300	4.573	28	102	1.1	1.5	1.7	1.3	1.7	1.4	0.15	0.09	0.04	0.06	0.10	0.07	2.7		
23	4.230	3.477	30	100	1.1	1.3	1.6	1.3	1.6	1.4	0.05	0.05	0.05	0.06	0.05	0.05	2.7		
24	4.410	4.637	47	97	2.1	2.3	3.6	2.8	3.4	2.9	0.06	0.07	0.07	0.08	0.11	0.10	2.8		
25	5.090	4.756	32	97	1.7	1.7	2.2	1.8	2.3	2.1	0.10	0.11	0.10	0.08	0.08	0.08	2.8		
26	5.100	4.818	28	98	1.9	2.1	2.5	2.1	2.5	2.2	0.07	0.08	0.06	0.08	0.08	0.07	2.8		
27	5.080	4.794	26	96	1.6	2.0	2.3	2.0	2.3	2.1	0.09	0.09	0.07	0.08	0.08	0.06	2.8		
28	4.990	6.037	25	98	1.6	1.5	2.2	1.7	2.3	2.0	0.07	0.06	0.06	0.05	0.06	0.06	2.7		
29	5.030	4.711	29	88	1.4	1.7	1.8	1.5	2.0	1.7	0.05	0.05	0.07	0.06	0.07	0.06	2.7		
30	4.520	4.107	27	96	1.8	2.0	2.6	2.0	2.6	2.2	0.06	0.07	0.06	0.06	0.07	0.08	2.7		
31	4.180	4.829	23	96	1.6	1.9	2.1	1.7	2.1	1.7	0.10	0.11	0.10	0.08	0.10	0.09	2.7		
Total	143.340	137.603			Max	2.1	2.3	3.6	2.8	3.4	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.							
Avg	4.624	4.439			Avg	1.4	1.7	2.0	1.7	2.0	1.8								
Max	5.850	6.037			95th %	2.0	2.1	2.6	2.1	2.6	2.3								
Min	4.040	2.734			Min	0.9	1.2	1.4	1.2	1.4	1.1								
95th percentile based on data from all basins											2.5								

SUBMITTED BY: \_\_\_\_\_ Certificate No. and Grade: WO0024634, A Date: April 3, 2020