

# 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: 10,935

Month: March Year: 2019 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	5.180	5.351	28	135	x	x	1.8	1.2	2.0	1.5	0.10	0.10	0.12	0.11	0.12	0.12	3.0		
2	5.200	5.735	31	140	x	x	2.4	1.7	2.3	1.8	0.10	0.09	0.10	0.09	0.09	0.08	3.0		
3	4.730	4.767	33	136	x	x	2.3	1.8	2.3	1.7	0.08	0.08	0.09	0.10	0.10	0.09	2.9		
4	4.270	3.832	32	140	x	x	2.1	1.7	2.8	1.8	0.10	0.09	0.11	0.11	0.10	0.10	2.9		
5	4.280	4.197	30	136	x	x	2.2	1.7	2.1	1.6	0.10	0.10	0.10	0.10	0.09	0.11	3.4		
6	5.090	5.821	30	138	x	x	2.5	1.8	3.1	1.7	0.10	0.10	0.10	0.13	0.14	0.10	3.2		
7	5.350	5.380	29	136	x	x	2.6	1.9	2.6	1.8	0.09	0.09	0.09	0.11	0.11	0.11	2.7		
8	4.510	4.801	30	135	x	x	2.1	1.9	2.3	1.9	0.07	0.08	0.08	0.08	0.08	0.09	2.7		
9	5.790	4.177	36	134	x	x	2.1	1.8	2.7	2.0	0.08	0.08	0.08	0.08	0.08	0.07	2.7		
10	6.520	5.717	31	140	x	x	2.1	1.6	1.9	1.6	0.07	0.07	0.08	0.08	0.07	0.07	3.1		
11	6.250	4.400	37	136	x	x	2.6	1.7	2.3	1.7	0.08	0.08	0.08	0.08	0.08	0.08	3.1		
12	4.390	3.665	32	138	x	x	1.9	1.5	2.0	1.3	0.09	0.09	0.09	0.09	0.10	0.09	3.2		
13	6.590	5.715	30	134	x	x	1.7	1.3	2.3	1.3	0.07	0.09	0.10	0.10	0.07	0.07	3.0		
14	5.770	4.632	27	134	2.3	2.7	1.2	1.5	2.7	1.1	0.08	0.11	0.10	0.09	0.09	0.09	2.8		
15	4.640	4.343	26	138	1.3	1.3	1.7	1.2	2.1	1.1	0.08	0.08	0.08	0.08	0.09	0.08	2.8		
16	4.580	4.961	22	138	1.0	1.5	1.2	1.0	1.3	0.9	0.08	0.09	0.10	0.10	0.09	0.09	2.9		
17	5.060	4.857	22	134	1.2	1.4	1.4	1.3	1.5	1.1	0.08	0.08	0.09	0.09	0.08	0.08	2.9		
18	5.590	5.912	17	138	1.9	1.0	1.2	1.1	1.8	1.0	0.08	0.07	0.07	0.08	0.08	0.07	2.9		
19	5.880	5.240	15	136	0.9	1.0	1.1	0.9	1.6	2.0	0.08	0.09	0.09	0.09	0.10	0.09	3.0		
20	5.660	5.467	13	138	0.7	0.8	1.1	0.8	1.0	0.7	0.09	0.09	0.09	0.10	0.08	0.08	3.0		
21	5.780	4.479	15	138	0.7	1.1	1.1	0.8	1.6	0.7	0.09	0.10	0.09	0.10	0.11	0.10	2.9		
22	4.900	5.553	14	138	0.6	0.6	0.8	0.7	0.9	0.8	0.11	0.10	0.11	0.11	0.11	0.11	2.8		
23	4.990	5.082	19	140	0.8	0.8	1.0	0.9	1.0	0.7	0.11	0.11	0.11	0.13	0.11	0.10	2.8		
24	4.960	5.447	17	136	0.8	0.7	1.0	0.8	1.1	0.8	0.10	0.10	0.12	0.12	0.12	0.12	2.8		
25	4.900	5.242	15	136	0.8	0.9	0.9	0.9	0.8	0.7	0.13	0.13	0.12	0.13	0.13	0.12	2.8		
26	4.880	5.135	16	138	0.7	1.0	0.9	0.8	1.2	0.9	0.12	0.13	0.12	0.12	0.12	0.11	3.0		
27	4.900	5.334	12	136	1.5	1.3	1.5	1.1	2.0	1.6	0.12	0.11	0.12	0.13	0.13	0.11	3.0		
28	4.910	5.366	12	140	0.8	0.9	1.0	0.7	1.0	0.8	0.10	0.10	0.11	0.10	0.10	0.11	2.5		
29	4.930	4.064	20	140	0.8	1.0	0.8	0.8	0.9	0.6	0.11	0.11	0.10	0.11	0.10	0.10	2.5		
30	4.960	6.336	13	139	0.7	0.8	0.8	0.6	0.9	0.6	0.10	0.10	0.11	0.11	0.11	0.11	2.5		
31	4.920	5.108	18	142	0.9	1.2	1.0	1.1	1.2	0.9	0.10	0.09	0.10	0.10	0.10	0.10	2.6		
<b>Total</b>	160.360	156.116			<b>Max</b>	2.3	2.7	2.6	1.9	3.1	2.0	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.							
<b>Avg</b>	5.173	5.036			<b>Avg</b>	1.0	1.1	1.6	1.2	1.8	1.2								
<b>Max</b>	6.590	6.336			<b>95th %</b>	2.0	1.7	2.6	1.9	2.8	2.0								
<b>Min</b>	4.270	3.665			<b>Min</b>	0.6	0.6	0.8	0.6	0.8	0.6								
<b>95th percentile based on data from all basins</b>											<b>2.5</b>								

SUBMITTED BY: \_\_\_\_\_ Certificate No. and Grade: WO0024634, A Date: April 3, 2019