

# 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: 10,824

Month: January Year: 2020 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	4.260	5.131	32	116	1.2	1.5	1.6	1.2	1.7	1.5	0.09	0.09	0.08	0.08	0.07	0.10	2.7		
2	4.040	3.767	30	112	1.3	1.7	1.7	1.2	1.6	1.3	0.09	0.09	0.09	0.08	0.09	0.07	2.5		
3	4.690	3.897	31	114	1.1	1.3	1.6	1.1	1.7	1.1	0.08	0.09	0.09	0.08	0.09	0.08	2.9		
4	5.070	5.240	31	119	1.0	1.4	1.6	1.1	1.5	1.2	0.08	0.08	0.08	0.09	0.08	0.07	3.1		
5	5.100	4.629	30	116	1.0	1.3	1.5	1.2	1.5	1.2	0.06	0.06	0.08	0.07	0.06	0.07	3.0		
6	4.740	4.380	29	115	1.2	1.2	1.9	1.3	1.6	1.3	0.05	0.06	0.09	0.07	0.07	0.07	2.9		
7	4.140	3.103	26	112	1.3	1.8	1.9	1.3	1.6	1.4	0.06	0.09	0.06	0.07	0.06	0.07	2.8		
8	4.730	4.488	28	116	1.0	1.3	1.5	1.2	1.8	1.1	0.07	0.09	0.05	0.08	0.07	0.07	2.9		
9	5.000	6.174	31	118	1.0	1.3	1.4	1.1	1.4	1.1	0.12	0.07	0.06	0.07	0.06	0.07	3.0		
10	5.000	3.333	30	110	1.0	1.2	1.7	1.1	1.4	1.2	0.08	0.08	0.08	0.07	0.08	0.07	2.8		
11	5.010	5.974	33	114	1.0	1.2	1.4	1.0	1.5	1.3	0.07	0.08	0.07	0.07	0.07	0.07	2.7		
12	5.040	5.293	34	117	1.0	1.2	1.3	1.1	1.3	1.2	0.07	0.07	0.07	0.07	0.07	0.07	3.0		
13	5.050	3.552	35	120	1.3	1.3	1.6	1.2	1.8	1.3	0.06	0.06	0.07	0.07	0.08	0.08	2.9		
14	4.590	5.287	36	105	1.7	1.1	1.7	1.3	1.6	1.3	0.09	0.09	0.09	0.08	0.10	0.09	2.8		
15	4.120	3.743	30	118	1.2	1.4	1.7	1.3	1.5	1.4	0.11	0.09	0.09	0.09	0.08	0.08	2.7		
16	4.720	4.864	39	112	1.1	1.4	1.7	1.3	1.6	1.3	0.08	0.07	0.06	0.08	0.09	0.08	2.8		
17	5.190	4.685	44	117	1.8	1.7	2.3	1.8	2.5	1.7	0.09	0.09	0.08	0.08	0.11	0.10	3.0		
18	5.210	4.999	33	116	1.5	1.7	1.9	1.7	1.8	1.8	0.09	0.11	0.12	0.14	0.14	0.10	3.0		
19	5.430	5.658	27	116	1.3	1.5	1.8	1.3	1.6	1.4	0.07	0.07	0.06	0.07	0.07	0.07	2.9		
20	4.840	3.712	35	120	1.6	1.6	1.7	1.6	1.8	1.7	0.07	0.06	0.07	0.07	0.07	0.08	2.9		
21	4.170	4.825	40	118	1.4	1.5	1.8	1.4	1.7	1.3	0.09	0.09	0.09	0.09	0.09	0.10	2.8		
22	4.820	5.221	42	118	1.4	1.7	1.9	1.3	1.9	1.6	0.09	0.08	0.07	0.08	0.08	0.07	2.8		
23	4.890	4.778	45	119	1.4	1.7	2.1	1.5	1.8	1.6	0.09	0.08	0.07	0.09	0.07	0.09	2.7		
24	4.900	4.561	41	120	1.4	1.6	1.8	1.4	1.9	1.5	0.08	0.09	0.08	0.09	0.10	0.09	2.8		
25	5.040	5.523	43	120	1.5	1.9	2.2	1.5	2.0	1.7	0.08	0.07	0.08	0.09	0.09	0.08	2.8		
26	5.010	4.958	43	120	1.4	1.8	2.3	1.7	2.1	2.0	0.09	0.08	0.07	0.07	0.07	0.07	2.5		
27	4.530	3.967	46	120	1.6	1.8	2.4	1.7	2.2	1.8	0.06	0.06	0.06	0.08	0.09	0.09	2.5		
28	4.480	4.874	46	115	1.5	2.0	2.1	1.6	2.0	1.6	0.10	0.11	0.09	0.09	0.09	0.09	2.8		
29	5.320	4.715	48	115	1.5	1.7	2.0	1.5	2.1	1.5	0.10	0.09	0.08	0.09	0.09	0.11	2.9		
30	5.940	4.501	45	115	1.3	2.0	2.1	1.7	2.0	1.8	0.10	0.09	0.09	0.08	0.09	0.09	3.0		
31	5.100	5.064	47	120	1.8	1.8	2.4	1.8	2.2	2.5	0.09	0.09	0.09	0.09	0.09	0.09	2.8		
Total	150.170	144.896			Max	1.8	2.0	2.4	1.8	2.5	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	4.844	4.674			Avg	1.3	1.5	1.8	1.4	1.8									1.5
Max	5.940	6.174			95th %	1.8	2.0	2.4	1.8	2.2									1.9
Min	4.040	3.103			Min	1.0	1.1	1.3	1.0	1.3									1.1
95th percentile based on data from all basins																			2.1

SUBMITTED BY: \_\_\_\_\_ Certificate No. and Grade: WO0024634, A Date: February 7, 2020