

# 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

<b>PUBLIC WATER SYSTEM NAME:</b> <u>City of Corsicana</u>	<b>PLANT NAME OR NUMBER:</b> <u>Navarro Mills</u>
<b>PWS ID No.:</b> <u>1750002</u> <b>Plant ID No.:</b> <u>15001</u>	<b>Connections:</b> <u>11,950</u>
<b>Month:</b> <u>January</u> <b>Year:</b> <u>2023</u>	<b>Population:</b> <u>24,190</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	5.900	5.680	17	99	0.4	0.5	0.9	0.6	0.6	0.7	0.08	0.07	0.08	0.08	0.08	0.08	2.9		
2	6.410	5.130	19	101	0.7	0.6	1.0	0.6	0.6	0.5	0.09	0.08	0.09	0.10	0.10	0.11	3.0		
3	6.170	4.812	18	101	0.5	0.5	0.8	0.5	0.5	0.4	0.09	0.09	0.08	0.08	0.09	0.09	2.7		
4	5.790	5.514	25	103	0.6	0.6	1.0	0.6	0.5	0.5	0.09	0.10	0.10	0.09	0.08	0.09	2.7		
5	5.520	4.912	26	100	0.7	0.9	1.3	0.7	0.5	0.4	0.10	0.11	0.09	0.09	0.09	0.09	2.9		
6	5.370	4.598	24	104	0.9	0.9	0.7	0.8	0.7	0.6	0.10	0.11	0.09	0.10	0.09	0.09	3.1		
7	5.390	6.388	26	102	0.7	0.6	1.3	0.7	0.5	0.5	0.09	0.07	0.08	0.08	0.07	0.07	3.1		
8	5.450	5.769	27	104	0.5	0.5	0.6	0.5	0.5	0.5	0.07	0.07	0.08	0.08	0.07	0.06	3.0		
9	5.480	3.991	28	104	0.7	0.6	0.9	0.6	0.7	0.5	0.06	0.06	0.07	0.08	0.08	0.08	3.1		
10	5.470	4.421	24	104	0.7	0.6	0.7	0.8	0.6	0.6	0.08	0.09	0.08	0.08	0.09	0.09	3.1		
11	5.350	6.325	23	104	0.6	0.6	0.7	0.6	0.7	0.5	0.10	0.10	0.09	0.09	0.10	0.09	3.1		
12	5.390	4.202	24	100	0.9	1.4	0.7	0.6	0.8	0.5	0.10	0.10	0.09	0.09	0.09	0.09	3.0		
13	6.110	5.359	23	105	0.7	0.8	0.8	0.7	0.7	0.6	0.11	0.11	0.09	0.10	0.10	0.09	2.9		
14	5.980	4.982	26	100	0.6	1.9	0.7	0.8	0.8	0.7	0.06	0.09	0.09	0.10	0.09	0.09	3.0		
15	6.010	5.916	22	104	0.6	0.6	0.8	0.8	0.6	0.5	0.09	0.08	0.11	0.10	0.08	0.08	3.0		
16	5.950	5.363	17	104	0.5	0.5	0.7	0.6	0.5	0.4	0.08	0.08	0.09	0.08	0.09	0.09	3.0		
17	5.790	4.758	16	104	0.6	0.8	0.8	0.5	0.6	0.5	0.09	0.10	0.11	0.09	0.09	0.09	3.0		
18	5.010	5.120	16	104	0.5	0.7	0.7	0.6	0.8	0.5	0.10	0.11	0.08	0.10	0.10	0.09	2.8		
19	5.200	5.361	14	106	1.0	0.8	0.8	0.5	0.7	0.5	0.11	0.11	0.10	0.10	0.11	0.11	2.8		
20	6.910	5.327	16	104	0.9	0.6	0.7	0.6	0.6	0.5	0.12	0.12	0.12	0.12	0.12	0.11	3.0		
21	6.350	5.414	19	102	0.9	0.6	0.8	0.9	0.5	0.5	0.10	0.10	0.11	0.10	0.09	0.09	3.1		
22	4.580	5.448	23	104	0.6	0.7	0.7	0.6	0.7	0.6	0.10	0.08	0.11	0.10	0.10	0.10	2.9		
23	4.760	4.435	26	106	0.8	0.5	0.8	0.7	0.8	0.5	0.09	0.09	0.11	0.11	0.11	0.11	3.1		
24	5.930	4.165	29	106	0.9	0.7	1.5	0.7	1.3	0.6	0.11	0.12	0.12	0.07	0.11	0.09	3.1		
25	6.030	5.338	28	108	0.7	0.6	1.1	1.1	0.7	0.6	0.12	0.11	0.12	0.12	0.11	0.11	3.2		
26	6.050	4.945	28	104	0.7	0.7	0.9	1.3	0.7	0.6	0.12	0.12	0.10	0.11	0.13	0.12	3.3		
27	5.980	5.475	27	104	0.7	0.6	0.5	0.5	0.7	0.6	0.13	0.12	0.14	0.14	0.12	0.13	3.4		
28	5.980	5.011	27	106	0.7	0.8	0.8	0.9	0.8	0.8	0.10	0.10	0.11	0.10	0.10	0.11	3.2		
29	5.320	5.451	29	106	0.4	0.5	0.6	0.6	0.6	0.5	0.10	0.10	0.11	0.11	0.10	0.09	2.9		
30	5.020	4.888	26	107	0.6	0.5	0.8	0.6	0.8	0.5	0.09	0.09	0.10	0.10	0.11	0.11	2.9		
31	5.240	4.661	26	106	0.5	0.5	0.5	0.6	0.5	0.5	0.10	0.10	0.09	0.10	0.09	0.10	3.3		
<b>Total</b>	175.890	159.159			<b>Max</b>	1.0	1.9	1.5	1.3	1.3	0.8	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>	5.674	5.134			<b>Avg</b>	0.7	0.7	0.8	0.7	0.7	0.5								
<b>Max</b>	6.910	6.388			<b>95th %</b>	0.9	1.2	1.3	1.0	0.8	0.7								
<b>Min</b>	4.580	3.991			<b>Min</b>	0.4	0.5	0.5	0.5	0.5	0.4								
<b>95th percentile based on data from all basins</b>											<b>1.0</b>								

**SUBMITTED BY:** \_\_\_\_\_ **Certificate No. and Grade:** WO0024634, A **Date:** \_\_\_\_\_