

**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  
 Month: December Year: 2014

PLANT NAME OR NUMBER: Navarro Mills  
 Connections: 10,865  
 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.						Turbidity						Lowest Residual	Time $\bar{m}$
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6		
1	5.870	4.573	33	104	0.6	0.7	0.8	0.7	0.7	0.6	0.08	0.08	0.07	0.07	0.08	0.10	2.9	
2	7.220	5.725	34	104	0.7	0.8	0.9	0.8	0.9	0.8	0.10	0.10	0.10	0.10	0.11	0.11	3.1	
3	5.090	4.200	33	103	0.6	0.8	0.9	0.9	0.9	0.9	0.12	0.11	0.11	0.12	0.12	0.13	3.1	
4	4.310	4.362	35	103	0.6	0.7	0.8	0.8	0.8	0.8	0.11	0.10	0.11	0.10	0.10	0.10	3.0	
5	4.290	3.918	31	103	0.6	0.7	0.9	0.8	0.8	0.7	0.10	0.09	0.10	0.10	0.10	0.10	3.1	
6	4.240	4.017	26	101	0.5	0.6	0.7	0.6	0.6	0.6	0.08	0.09	0.08	0.09	0.08	0.07	3.0	
7	4.260	3.983	26	101	0.5	0.6	0.6	0.5	0.5	0.5	0.07	0.07	0.08	0.07	0.07	0.07	2.9	
8	5.630	4.478	22	103	0.5	0.5	0.7	0.5	0.6	0.5	0.07	0.07	0.06	0.07	0.08	0.08	2.9	
9	5.200	4.963	19	104	0.5	0.5	0.6	0.5	0.6	0.5	0.07	0.08	0.07	0.07	0.07	0.08	3.1	
10	5.360	3.973	21	101	0.5	0.5	0.5	0.6	0.6	0.7	0.08	0.07	0.10	0.09	0.09	0.08	3.0	
11	7.180	5.437	29	100	0.5	0.6	0.7	0.6	0.7	0.6	0.08	0.08	0.08	0.09	0.09	0.08	3.1	
12	5.390	4.697	29	105	0.5	0.7	0.8	0.8	0.6	0.7	0.08	0.08	0.08	0.08	0.07	0.07	3.1	
13	4.240	3.579	27	104	0.5	0.7	0.7	0.7	0.6	0.6	0.08	0.08	0.09	0.10	0.08	0.07	3.0	
14	4.250	3.661	29	104	0.5	0.6	0.7	0.6	0.5	0.5	0.07	0.07	0.07	0.07	0.07	0.07	2.9	
15	4.340	4.592	26	104	0.5	0.5	0.8	0.5	0.7	0.5	0.06	0.07	0.07	0.07	0.07	0.07	2.9	
16	4.470	4.031	26	101	0.5	0.5	0.8	0.6	0.7	0.5	0.07	0.07	0.07	0.09	0.07	0.07	2.8	
17	4.470	3.856	31	102	0.5	0.6	0.7	0.6	0.6	0.7	0.07	0.07	0.10	0.10	0.10	0.10	2.8	
18	4.980	4.039	31	103	0.6	0.6	0.7	0.6	0.6	0.6	0.10	0.10	0.10	0.11	0.09	0.09	2.8	
19	5.760	4.838	27	105	0.5	0.8	0.7	0.7	0.6	0.8	0.11	0.11	0.12	0.12	0.12	0.11	2.9	
20	5.520	4.626	22	103	0.5	0.7	0.7	0.6	0.6	0.7	0.10	0.10	0.10	0.10	0.10	0.09	2.8	
21	6.100	5.058	24	106	0.5	0.7	0.7	0.6	0.6	0.6	0.11	0.11	0.10	0.09	0.09	0.10	3.1	
22	4.510	3.655	17	105	0.5	0.5	0.6	0.5	0.6	0.5	0.09	0.09	0.08	0.08	0.07	0.08	2.8	
23	4.520	3.906	17	104	0.5	0.6	0.6	0.6	0.5	0.6	0.07	0.07	0.07	0.07	0.08	0.08	2.8	
24	4.540	4.023	22	103	0.4	0.6	0.6	0.6	0.5	0.7	0.08	0.08	0.08	0.08	0.09	0.10	2.7	
25	4.560	3.979	24	104	0.4	0.6	0.7	0.6	0.5	0.7	0.08	0.08	0.08	0.07	0.07	0.08	2.6	
26	4.560	3.931	27	104	0.5	0.6	0.6	0.7	0.5	0.8	0.08	0.08	0.08	0.08	0.08	0.08	2.8	
27	4.550	4.037	27	104	0.5	0.6	0.7	0.6	0.6	0.6	0.08	0.07	0.07	0.09	0.07	0.08	2.9	
28	5.950	4.810	25	105	0.5	0.6	0.7	0.7	0.5	0.6	0.08	0.08	0.08	0.08	0.08	0.07	3.0	
29	7.060	5.853	28	107	0.5	0.6	0.7	0.7	0.7	0.7	0.07	0.08	0.07	0.07	0.07	0.07	3.2	
30	4.570	4.189	29	108	0.4	0.6	0.7	0.6	0.6	0.6	0.07	0.07	0.07	0.07	0.07	0.07	3.0	
31	4.590	4.316	27	107	0.4	0.6	0.6	0.6	0.5	0.5	0.07	0.07	0.07	0.07	0.08	0.07	2.8	
<b>Total</b>	157.580	135.305																
<b>Avg</b>	5.083	4.365																
<b>Max</b>	7.220	5.853																
<b>Min</b>	4.240	3.579																

NOTE: ONLY use the "Time $\bar{m}$ " column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

SUBMITTED BY: \_\_\_\_\_ Certificate No. and Grade: WO0004220, A Date: January 5, 2015