

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 Plant ID No.: 15002

Month: May Year: 2019

PLANT NAME OR NUMBER: Navarro Mills

Connections: 10,947

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	5.280	4.977	15	130	0.7	0.8	0.9	0.7	0.8	0.6	0.12	0.12	0.12	0.12	0.11	0.11	2.8	
2	5.300	4.530	17	128	0.7	0.7	0.9	0.7	0.8	0.7	0.12	0.25	0.08	0.12	0.13	0.15	2.8	
3	5.300	5.352	14	126	0.8	0.7	0.8	0.7	0.9	0.7	0.14	0.12	0.11	0.11	0.12	0.12	2.8	
4	5.210	5.444	14	125	0.6	0.9	0.8	0.7	0.8	0.7	0.11	0.11	0.09	0.09	0.09	0.09	3.0	
5	5.170	4.883	19	130	0.7	0.9	0.7	1.2	0.9	0.6	0.09	0.09	0.10	0.11	0.08	0.08	2.9	
6	5.140	4.509	19	130	0.7	0.6	1.1	0.8	0.9	1.3	0.08	0.08	0.10	0.10	0.11	0.10	2.9	
7	5.170	4.428	18	124	0.7	0.7	0.8	0.6	0.7	0.6	0.12	0.09	0.10	0.10	0.11	0.10	2.8	
8	5.270	4.615	18	124	1.2	1.3	1.1	1.0	1.2	1.0	0.10	0.11	0.12	0.12	0.12	0.15	2.8	
9	5.290	4.077	18	121	0.8	1.1	1.0	0.8	1.0	1.2	0.14	0.14	0.12	0.11	0.11	0.10	2.7	
10	5.250	5.496	20	123	0.9	0.9	1.1	0.9	1.3	0.9	0.12	0.08	0.11	0.13	0.11	0.11	2.7	
11	5.180	4.623	19	124	0.9	1.4	1.1	0.9	1.0	0.8	0.10	0.10	0.11	0.12	0.20	0.12	2.8	
12	5.210	5.380	17	120	0.8	0.9	1.1	0.9	1.0	0.9	0.11	0.11	0.10	0.10	0.10	0.10	2.6	
13	5.230	4.391	19	122	0.9	0.8	1.0	0.9	0.9	0.9	0.09	0.10	0.11	0.11	0.11	0.12	2.8	
14	5.250	4.359	24	122	0.9	1.3	1.4	1.2	1.4	1.1	0.13	0.10	0.11	0.12	0.12	0.12	2.8	
15	5.250	4.899	26	122	1.2	1.1	1.4	1.1	1.3	1.0	0.10	0.09	0.10	0.11	0.11	0.10	2.8	
16	5.270	4.599	38	120	1.3	1.2	2.0	1.6	1.8	1.6	0.09	0.12	0.12	0.12	0.12	0.13	2.8	
17	5.280	4.744	27	120	1.9	1.5	2.1	1.9	2.8	1.8	0.13	0.10	0.15	0.11	0.14	0.15	2.7	
18	5.260	4.572	24	116	1.3	1.2	1.6	1.7	1.4	1.4	0.14	0.16	0.16	0.16	0.14	0.15	2.8	
19	5.180	5.304	14	124	1.2	0.9	1.1	1.2	1.0	1.0	0.14	0.14	0.17	0.16	0.15	0.15	2.7	
20	5.230	4.534	18	126	1.1	0.8	1.2	1.1	1.4	1.0	0.14	0.12	0.12	0.12	0.15	0.13	2.8	
21	5.150	4.272	11	120	1.3	1.0	1.3	1.4	1.2	1.1	0.15	0.13	0.14	0.16	0.13	0.12	2.8	
22	5.860	5.411	13	122	0.8	0.9	1.1	0.9	0.9	0.8	0.12	0.12	0.12	0.13	0.12	0.11	2.8	
23	6.080	5.759	10	119	0.8	0.7	1.0	0.7	0.9	1.7	0.15	0.12	0.12	0.12	0.12	0.11	3.1	
24	6.050	5.742	10	122	1.0	0.7	1.0	0.8	1.0	0.8	0.13	0.12	0.13	0.12	0.12	0.12	3.0	
25	6.080	5.530	9	120	1.0	0.7	1.0	0.8	0.9	0.8	0.11	0.12	0.13	0.12	0.12	0.10	3.1	
26	5.530	4.789	10	122	0.7	0.7	0.9	0.8	0.9	0.8	0.10	0.10	0.09	0.12	0.09	0.09	2.7	
27	5.100	4.851	10	120	0.7	0.6	0.9	0.7	0.8	0.6	0.08	0.08	0.09	0.08	0.10	0.10	2.7	
28	5.860	4.586	10	120	0.6	0.7	0.8	0.8	0.9	0.6	0.13	0.11	0.11	0.13	0.14	0.14	2.7	
29	6.040	6.583	8	118	0.6	0.7	0.7	0.6	0.7	0.7	0.15	0.12	0.12	0.13	0.13	0.12	2.9	
30	5.910	5.265	8	106	0.7	1.0	0.8	0.8	0.8	0.7	0.14	0.15	0.12	0.12	0.14	0.12	2.8	
31	5.040	3.919	6	116	0.8	0.7	0.8	0.6	0.8	0.6	0.12	0.13	0.14	0.17	0.14	0.13	2.8	
Total	167.420	152.423			Max	1.9	1.5	2.1	1.9	2.8	1.8	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.						
Avg	5.401	4.917			Avg	0.9	0.9	1.1	1.0	1.1	0.9							
Max	6.080	6.583			95th %	1.3	1.4	1.8	1.7	1.6	1.7							
Min	5.040	3.919			Min	0.6	0.6	0.7	0.6	0.7	0.6							
95th percentile based on data from all basins											1.6							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: June 6, 2019