

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: 10,904

Month: February 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	4.860	6.161	47	122	1.5	1.9	2.2	1.8	2.0	2.1	0.09	0.08	0.08	0.09	0.10	0.07	2.8		
2	4.920	5.676	47	122	1.5	1.8	1.9	1.7	1.9	2.0	0.07	0.06	0.06	0.06	0.07	0.07	2.6		
3	4.910	3.685	45	120	1.7	1.6	2.3	1.8	2.1	2.6	0.07	0.07	0.08	0.07	0.07	0.09	2.6		
4	4.870	4.790	43	120	1.8	1.5	2.2	1.7	2.0	2.1	0.09	0.08	0.09	0.09	0.08	0.09	2.6		
5	4.870	5.471	41	115	1.7	1.7	2.4	1.7	2.2	1.7	0.09	0.08	0.09	0.09	0.09	0.09	2.9		
6	5.250	5.767	40	115	1.3	2.0	2.0	1.6	2.2	1.7	0.10	0.12	0.09	0.11	0.09	0.07	2.8		
7	6.210	4.648	43	115	1.8	2.1	2.0	1.6	2.0	1.7	0.10	0.09	0.08	0.07	0.09	0.08	2.3		
8	4.880	5.971	48	120	1.8	1.8	2.1	1.6	2.0	1.7	0.07	0.06	0.09	0.10	0.07	0.07	2.6		
9	5.010	4.936	35	124	1.4	1.7	2.1	1.5	2.0	1.7	0.06	0.06	0.07	0.09	0.09	0.09	2.6		
10	5.110	4.061	25	125	1.3	1.4	1.8	1.5	1.6	1.7	0.07	0.08	0.09	0.09	0.08	0.14	2.7		
11	5.000	5.543	25	120	1.4	2.0	2.0	1.6	1.9	1.5	0.10	0.09	0.09	0.07	0.11	0.13	2.8		
12	5.290	4.731	22	120	1.2	1.4	1.6	1.3	2.0	1.3	0.11	0.12	0.09	0.07	0.11	0.08	2.9		
13	5.320	5.759	17	112	1.1	1.4	1.7	1.4	1.6	1.4	0.08	0.08	0.08	0.08	0.08	0.07	2.8		
14	4.360	4.730	17	120	1.0	1.2	1.0	1.5	1.1	1.3	0.08	0.07	0.08	0.07	0.06	0.05	3.0		
15	4.160	4.042	12	117	0.8	1.1	1.3	0.9	1.3	1.0	0.06	0.05	0.06	0.05	0.05	0.05	2.9		
16	5.140	4.502	11	114	0.9	1.2	1.2	1.1	1.5	1.1	0.05	0.04	0.07	0.05	0.05	0.06	2.7		
17	5.040	4.818	14	113	1.0	1.1	1.4	1.0	1.4	1.3	0.04	0.05	0.08	0.07	0.07	0.08	2.7		
18	4.920	5.122	18	105	1.0	1.1	1.2	1.2	1.3	1.1	0.08	0.09	0.06	0.08	0.08	0.08	2.7		
19	4.810	3.624	19	108	1.2	1.3	1.7	1.2	1.5	1.2	0.09	0.08	0.06	0.08	0.08	0.06	2.9		
20	5.030	4.730	21	105	1.0	1.6	1.5	1.3	1.4	1.2	0.12	0.11	0.09	0.07	0.07	0.08	2.6		
21	4.940	5.380	25	103	1.2	1.3	1.7	1.3	1.7	1.3	0.08	0.09	0.07	0.08	0.08	0.07	2.9		
22	4.470	5.116	32	100	1.1	1.3	1.9	1.2	1.6	1.8	0.07	0.07	0.06	0.07	0.07	0.06	2.8		
23	4.160	3.181	26	102	1.1	1.1	1.3	1.2	1.3	1.2	0.06	0.06	0.06	0.07	0.05	0.06	2.6		
24	4.450	4.480	29	97	1.2	1.3	1.8	1.4	2.1	1.5	0.06	0.06	0.05	0.06	0.06	0.06	2.6		
25	4.870	4.899	34	99	1.7	1.8	1.8	1.5	1.6	1.4	0.06	0.08	0.08	0.06	0.10	0.07	2.7		
26	4.920	3.626	38	98	1.3	1.7	2.1	1.5	2.1	1.6	0.08	0.09	0.07	0.08	0.07	0.07	2.9		
27	4.890	4.646	43	94	1.4	1.9	2.0	1.7	2.1	1.7	0.07	0.06	0.07	0.06	0.07	0.05	3.0		
28	4.940	4.589	42	90	1.5	1.9	2.1	1.9	2.1	1.9	0.07	0.06	0.06	0.07	0.06	0.06	2.9		
29	5.070	5.977	44	96	1.6	2.7	2.6	2.0	2.5	2.1	0.06	0.06	0.07	0.06	0.07	0.06	2.8		
30																			
31																			
Total	142.670	140.661			Max	1.8	2.7	2.6	2.0	2.5	2.6	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	4.920	4.850			Avg	1.3	1.6	1.8	1.5	1.8	1.6								
Max	6.210	6.161			95th %	1.8	2.1	2.4	1.9	2.2	2.1								
Min	4.160	3.181			Min	0.8	1.1	1.0	0.9	1.1	1.0								
95th percentile based on data from all basins											2.2								

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: March 5, 2020