

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: 11,036

Month: September 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	7.880	7.451	15	92	2.8	4.1	2.6	4.0	3.8	4.2	0.09	0.08	0.09	0.11	0.10	0.10	2.7	
2	5.320	5.590	18	90	2.3	3.0	3.3	2.2	3.0	3.0	0.11	0.12	0.13	0.12	0.09	0.09	2.7	
3	5.190	5.463	28	88	1.7	2.7	2.6	1.6	2.3	2.1	0.11	0.07	0.11	0.13	0.10	0.09	2.9	
4	6.580	5.850	36	89	1.8	2.3	2.7	1.7	2.9	1.8	0.08	0.08	0.08	0.09	0.08	0.08	3.0	
5	5.780	4.966	54	90	2.5	4.3	3.7	2.3	3.7	3.0	0.08	0.09	0.08	0.10	0.09	0.11	2.8	
6	5.020	5.457	49	90	2.6	2.7	2.8	2.0	2.8	2.4	0.10	0.08	0.11	0.11	0.08	0.10	3.0	
7	5.070	4.028	32	90	1.7	2.3	2.6	1.6	2.8	2.0	0.07	0.09	0.08	0.07	0.09	0.09	2.9	
8	6.110	4.747	26	90	1.7	2.0	2.4	1.4	2.4	1.8	0.08	0.07	0.08	0.10	0.09	0.09	2.7	
9	6.110	5.616	14	92	1.6	2.1	2.1	1.6	2.5	1.8	0.12	0.10	0.09	0.11	0.09	0.10	3.0	
10	6.150	5.509	12	88	1.4	2.5	2.1	1.8	2.0	1.9	0.10	0.09	0.14	0.10	0.09	0.09	3.0	
11	5.600	5.227	14	88	1.4	2.4	2.2	1.6	2.4	1.6	0.10	0.09	0.10	0.09	0.08	0.08	3.2	
12	5.250	4.854	23	90	1.4	2.3	2.4	1.3	2.8	1.9	0.09	0.10	0.08	0.08	0.07	0.07	3.2	
13	5.400	5.460	39	90	1.4	2.4	2.2	1.5	2.4	1.8	0.05	0.06	0.07	0.06	0.06	0.06	3.1	
14	5.360	4.648	39	92	1.5	1.8	2.4	1.3	2.6	1.6	0.06	0.07	0.07	0.06	0.08	0.08	3.0	
15	5.380	4.444	21	95	1.5	2.1	2.0	1.6	1.9	1.9	0.08	0.08	0.06	0.06	0.06	0.06	3.0	
16	5.890	5.044	18	94	1.3	2.2	1.7	1.3	2.1	1.5	0.06	0.08	0.06	0.05	0.06	0.07	2.9	
17	6.340	6.278	12	93	1.4	2.6	2.6	1.6	2.6	1.9	0.07	0.08	0.06	0.08	0.08	0.08	3.1	
18	7.110	6.261	13	94	1.4	2.4	2.8	1.8	2.9	2.0	0.08	0.09	0.09	0.08	0.09	0.07	3.0	
19	7.480	5.942	16	96	2.2	3.9	4.0	2.6	3.5	2.9	0.08	0.08	0.09	0.08	0.07	0.08	2.9	
20	6.130	5.909	19	96	1.7	2.5	2.3	1.8	2.4	2.2	0.08	0.09	0.08	0.07	0.09	0.09	2.8	
21	5.400	5.328	22	96	1.6	2.0	2.8	1.6	2.7	2.0	0.09	0.09	0.07	0.07	0.08	0.08	2.9	
22	5.560	4.012	23	96	1.5	2.5	2.2	1.6	2.3	1.8	0.08	0.08	0.08	0.08	0.07	0.08	2.8	
23	5.530	4.492	28	96	1.4	2.6	2.2	1.3	2.6	1.7	0.09	0.09	0.07	0.08	0.08	0.07	3.0	
24	5.290	5.506	24	95	1.4	2.4	2.2	1.4	2.2	1.8	0.08	0.08	0.07	0.06	0.07	0.08	2.7	
25	5.580	5.456	31	96	x	2.6	2.5	1.5	3.7	1.8	0.09	0.08	0.07	0.08	0.08	0.09	2.9	
26	5.530	4.917	27	95	x	3.4	2.4	1.2	2.0	1.7	0.05	0.06	0.06	0.06	0.06	0.05	2.8	
27	5.540	5.019	36	96	x	2.6	1.8	1.4	1.8	1.7	0.05	0.06	0.05	0.06	0.07	0.06	2.9	
28	6.600	4.915	19	96	x	x	1.9	1.5	2.2	1.5	0.07	0.07	0.07	0.06	0.09	0.10	2.8	
29	7.950	6.575	24	96	x	x	2.6	2.2	2.5	2.1	0.10	0.11	0.07	0.08	0.09	0.10	2.8	
30	7.050	5.648	21	96	2.0	2.0	3.0	1.9	3.4	2.5	0.10	0.10	0.09	0.07	0.07	0.06	3.0	
31																		
Total	179.180	160.612			Max	2.8	4.3	4.0	4.0	3.8	4.2	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	5.973	5.354			Avg	1.7	2.6	2.5	1.7	2.6	2.1							
Max	7.950	7.451			95th %	2.6	4.0	3.5	2.5	3.7	3.0							
Min	5.020	4.012			Min	1.3	1.8	1.7	1.2	1.8	1.5							
95th percentile based on data from all basins											3.7							

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: October 8, 2020