

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: 11,043

Month: October 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	6.070	4.849	23	98	1.6	1.7	2.3	1.5	2.2	1.8	0.09	0.07	0.06	0.06	0.06	0.07	2.9			
2	6.070	6.905	36	96	1.8	1.9	3.6	2.7	3.6	2.3	0.08	0.07	0.08	0.09	0.09	0.08	2.9			
3	6.270	5.615	27	96	1.8	2.1	2.8	1.6	2.6	2.0	0.10	0.07	0.06	0.06	0.06	0.07	2.8			
4	6.260	5.770	38	98	1.8	2.1	2.3	1.6	2.1	1.8	0.05	0.06	0.07	0.08	0.09	0.07	2.7			
5	6.320	5.931	36	100	2.0	2.2	3.3	1.8	3.9	1.9	0.06	0.06	0.07	0.09	0.08	0.07	2.8			
6	6.250	5.368	35	96	2.7	3.2	3.0	1.9	2.5	2.2	0.08	0.09	0.07	0.07	0.07	0.07	2.9			
7	6.280	5.393	30	96	2.3	3.0	2.8	2.0	3.5	2.0	0.08	0.08	0.09	0.08	0.07	0.06	2.9			
8	6.390	5.559	42	99	2.8	3.2	3.4	2.2	2.6	2.1	0.06	0.07	0.06	0.07	0.06	0.06	3.0			
9	7.050	6.267	30	96	3.1	2.8	3.3	2.4	3.3	2.1	0.07	0.10	0.08	0.11	0.14	0.09	3.0			
10	7.090	6.045	30	98	3.3	4.4	4.2	2.8	2.7	2.3	0.11	0.07	0.10	0.05	0.05	0.08	3.1			
11	7.030	6.354	30	98	1.6	1.8	1.7	1.3	1.7	1.5	0.05	0.06	0.10	0.10	0.07	0.05	2.9			
12	7.060	6.039	15	100	2.2	1.7	1.8	1.4	2.1	1.5	0.04	0.05	0.05	0.04	0.08	0.09	2.8			
13	6.600	5.999	21	100	2.2	3.0	2.5	1.6	2.4	1.8	0.06	0.06	0.05	0.05	0.06	0.08	2.8			
14	6.490	5.145	19	100	2.3	2.8	2.7	1.8	3.1	2.1	0.08	0.08	0.06	0.06	0.07	0.06	2.9			
15	6.560	5.374	16	97	2.0	2.8	2.3	1.7	2.5	2.0	0.08	0.09	0.07	0.07	0.07	0.07	3.0			
16	6.660	7.293	27	99	2.1	3.3	3.1	1.9	3.6	2.1	0.09	0.09	0.08	0.07	0.07	0.07	2.9			
17	6.590	5.651	43	101	2.5	3.4	3.1	1.9	2.8	2.2	0.06	0.06	0.06	0.05	0.05	0.06	2.9			
18	6.530	6.300	32	100	2.7	2.7	2.3	1.8	2.1	1.9	0.05	0.05	0.05	0.06	0.09	0.09	2.9			
19	6.470	5.120	23	100	1.9	2.4	2.5	1.7	2.8	1.8	0.08	0.08	0.08	0.05	0.07	0.08	2.7			
20	6.440	5.788	45	100	2.0	2.9	2.4	1.4	2.2	1.8	0.06	0.07	0.05	0.06	0.07	0.07	3.0			
21	6.520	5.433	30	100	2.1	2.5	x	1.9	2.7	1.8	0.08	0.07	0.05	0.09	0.09	0.09	2.8			
22	7.180	5.425	35	100	2.0	2.8	x	2.1	2.4	1.8	0.09	0.10	0.09	0.11	0.06	0.11	2.9			
23	6.210	5.494	38	98	1.8	2.1	2.3	x	2.3	1.5	0.12	0.10	0.08	0.06	0.05	0.06	3.0			
24	6.110	5.035	35	98	1.4	1.9	1.6	x	1.8	1.4	0.05	0.07	0.04	0.06	0.05	0.05	3.0			
25	6.170	5.386	34	100	1.1	1.4	1.5	x	1.4	1.2	0.05	0.04	0.05	0.05	0.04	0.04	3.0			
26	6.080	4.433	61	102	1.7	1.5	2.0	x	2.4	1.7	0.04	0.05	0.06	0.09	0.12	0.10	3.0			
27	5.390	4.596	42	102	1.5	2.3	1.8	x	1.7	1.5	0.07	0.11	0.09	0.11	0.11	0.13	3.0			
28	5.220	5.886	38	102	1.5	1.3	1.7	x	1.4	1.1	0.08	0.08	0.06	0.07	0.10	0.10	3.1			
29	5.720	3.858	36	100	1.2	2.0	1.8	x	1.4	1.2	0.08	0.09	0.08	0.11	0.09	0.12	3.0			
30	5.900	6.323	31	100	1.5	1.4	1.6	1.8	1.9	1.3	0.12	0.09	0.10	0.10	0.09	0.12	2.8			
31	6.170	4.304	47	100	1.9	1.7	1.9	1.9	x	2.1	0.07	0.10	0.14	0.15	0.26	0.17	2.9			
Total	197.150	172.938			Max	3.3	4.4	4.2	2.8	3.9	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	6.360	5.579			Avg	2.0	2.4	2.5	1.9	2.5								1.8		
Max	7.180	7.293			95th %	3.0	3.4	3.5	2.7	3.6								2.3		
Min	5.220	3.858			Min	1.1	1.3	1.5	1.3	1.4								1.1		
95th percentile based on data from all basins																		3.3		

SUBMITTED BY: _____ Certificate No. and Grade: WO0024634, A Date: November 4, 2020