

OHA - Drinking Water Services - Surface Water Quality Data Form
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County: **Marion**
 Month/Year: **Aug-22**

System Name: **Gates, City of** ID#: **41 00317** WTP : **TP - A**

Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the day ¹ [NTU]
1				0.03			0.03
2	0.03						0.03
3				0.03			0.03
4	0.03						0.03
5				0.03			0.03
6							Plant Off
7				0.03			0.03
8	0.03						0.03
9						0.03	0.03
10							Plant Off
11					0.03		0.03
12							Plant Off
13					0.03		0.03
14		0.03					0.03
15					0.03		0.03
16		0.03					0.03
17					0.03		0.03
18		0.03					0.03
19					0.03		0.03
20							Plant Off
21					0.03		0.03
22		0.03					0.03
23				0.03			0.03
24					0.03		0.03
25							Plant Off
26					0.03		0.03
27		0.03					0.03
28				0.03			0.03
29		0.03					0.03
30					0.03		0.03
31		0.03					0.03

Slow Sand/Membrane/DE Filtration/Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ² Yes	CT's met everyday? (see back) Yes	All Cl ₂ residual at entry point ≥ 0.2 mg/l? Yes
All daily turbidity readings ≤ 5 NTU? Yes		

Notes:	PRINTED NAME: Gregory R Benthin	
	SIGNATURE: <i>Gregory R Benthin</i>	DATE: 9/1/22
	PHONE #: (503) 897-2669	CERT# 5244

¹ correspond to continuous readings' maximum. ² Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- : A

System Name: Gates, City of ID#: 41 00317 Month/Year: 22-Aug

Disinfection *Giardia* Log Inactiv: 0.5

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/l]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1/4:30 pm	1.06	120	127.2	23.9	8.43	12.9	Yes	210
2/2:00 am	1.04	120	124.8	5.0	8.63	49.0	Yes	210
3/1:35 pm	0.72	120	86.4	23.1	8.33	12.6	Yes	210
4/1:30 am	1.19	120	142.8	5.0	8.31	44.3	Yes	210
5/2:10 pm	0.79	120	94.8	22.4	8.31	13.2	Yes	210
6								Plant off
7/1:30 pm	1.25	120	150.0	18.8	8.82	21.3	Yes	210
8/2:00 am	1.46	120	175.2	5.0	8.37	46.8	Yes	210
9/5:00 pm	1.08	120	129.6	23.1	8.21	12.5	Yes	210
10								Plant off
11/2:30 pm	0.84	120	100.8	22.0	8.54	14.8	Yes	210
12								Plant off
13/1:15 pm	0.92	120	110.4	21.7	8.73	16.4	Yes	210
14/3:00 am	1.07	120	128.4	5.0	8.86	53.6	Yes	210
15/1:25 pm	0.85	120	102.0	22.3	8.43	14.0	Yes	160
16/2:05 am	1.21	120	145.2	5.0	8.29	44.1	Yes	160
17/1:15 pm	0.76	120	91.2	23.2	8.47	13.2	Yes	160
18/2:00 am	1.17	120	140.4	5.0	8.40	45.7	Yes	160
19/1:20 pm	0.84	120	100.8	21.4	8.38	14.6	Yes	210
20								Plant off
21/1:15 pm	0.91	120	109.2	19.6	8.65	18.3	Yes	210
22/2:00 am	1.09	120	130.8	5.0	8.58	48.4	Yes	210
23/9:00 am	0.85	120	102.0	20.5	8.31	15.1	Yes	210
24/1:25 pm	0.84	120	100.8	22.6	8.35	13.3	Yes	210
25								Plant off
26/1:30 pm	0.79	120	94.8	22.8	8.68	14.7	Yes	210
27/2:00 am	0.29	120	34.8	5.0	8.74	46.7	Yes	210
28/12:15 pm	1.12	120	134.4	20.1	8.72	18.6	Yes	210
29/2:00 am	1.11	120	133.2	5.0	8.48	46.7	Yes	210
30/2:15 pm	0.93	120	111.6	23.2	8.37	13.0	Yes	210
31/2:00 am	1.05	120	126.0	5.0	8.65	49.4	Yes	210

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013