

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

County: **Marion**
 Month/Year: **Jul-21**

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							Plant Off
3				0.03			0.03
4		0.03					0.03
5				0.03			0.03
6	0.03						0.03
7				0.03			0.03
8				0.03			0.03
9							Plant Off
10				0.03			0.03
11	0.03						0.03
12				0.03			0.03
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				0.03			0.03
21							Plant Off
22				0.03			0.03
23	0.03						0.03
24				0.03			0.03
25	0.03						0.03
26				0.03			0.03
27							Plant Off
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: 8/2/2021
	PHONE #: (503) 897-2669	CERT #: 5244

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not 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: Jul-21

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]
1/4:45 pm	1.38	120	165.6	18.8	8.09	16.5	Yes	210
2								Plant Off
3/12:15 pm	0.66	120	79.2	16.5	7.87	16.4	Yes	210
4/4:00 am	0.66	120	79.2	5.0	7.64	32.5	Yes	210
5/12:30 pm	0.86	120	103.2	16.0	7.70	16.3	Yes	210
6/3:00 am	1.04	120	124.8	5.0	7.78	35.8	Yes	210
7/1:30 pm	1.4	120	168.0	18.8	7.80	14.9	Yes	210
8/3:30 pm	1.04	120	124.8	17.8	8.01	16.5	Yes	210
9								Plant Off
10/1:20 pm	1.04	120	124.8	16.4	8.05	18.4	Yes	210
11/5:00 am	1.35	120	162.0	5.0	7.64	35.3	Yes	210
12/5:30 pm	1.05	120	126.0	18.1	8.07	16.6	Yes	210
13/2:00 am	1.29	120	154.8	5.0	7.86	38.0	Yes	210
14/4:45 pm	1.29	120	154.8	18.7	7.94	15.6	Yes	210
15/9:00 am	0.96	120	115.2	15.4	7.48	15.8	Yes	210
16/4:50 pm	1.36	120	163.2	17.8	8.11	17.8	Yes	210
17/2:45 am	1.22	120	146.4	5.0	7.82	37.1	Yes	210
18/2:45 pm	1.07	120	128.4	16.0	7.88	17.8	Yes	210
19/1:00 am	1.11	120	133.2	5.0	8.05	39.9	Yes	210
20/4:00 pm	1.05	120	126.0	18.5	8.04	15.9	Yes	210
21								Plant Off
22/3:30 pm	0.67	120	80.4	18.1	8.03	15.6	Yes	210
23/1:00 am	0.97	120	116.4	5.0	8.12	40.2	Yes	210
24/1:15 pm	1.41	120	169.2	15.1	7.97	20.3	Yes	210
25/1:00 am	1.49	120	178.8	5.0	8.11	42.6	Yes	210
26/3:00 pm	1.14	120	136.8	18.4	7.95	15.7	Yes	210
27								Plant Off
28/2:15 pm	1	120	120.0	18.8	7.92	14.9	Yes	210
29/12:15 am	1.1	120	132.0	5.0	8.15	41.3	Yes	210
30/4:50 pm	1.21	120	145.2	19.3	8.02	15.3	Yes	210
31/2:99 am	1.14	120	136.8	5.0	8.04	39.9	Yes	210

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

Revised October 2013