

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

County: **Marion**
 Month/Year: **Aug-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	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	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							Plant off
19				0.03			0.03
20							Plant off
21				0.03			0.03
22						0.03	0.03
23				0.03			0.03
24							Plant off
25				0.03			0.03
26							Plant off
27				0.03			0.03
28							Plant off
29				0.03			0.03
30							Plant off
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 Cl2 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>	9/1/2021
	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: 21-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]
1/12:30 pm	0.83	120	99.6	18.6	7.56	12.9	Yes	210
2/12:30 am	0.9	120	108.0	5.0	8.14	40.2	Yes	210
3/3:00 pm	1.07	120	128.4	19.0	7.96	15.0	Yes	210
4/12:30 am	1.22	120	146.4	5.0	8.15	41.9	Yes	210
5/3:10 pm	1.47	120	176.4	18.6	7.00	11.3	Yes	210
6								Plant off
7/1:15 pm	0.94	120	112.8	16.4	7.80	16.6	Yes	210
8/12:30 am	0.87	120	104.4	5.0	7.79	35.2	Yes	210
9/4:45 pm	0.68	120	81.6	12.0	7.97	22.9	Yes	210
10/1:00 am	0.86	120	103.2	5.0	7.92	36.9	Yes	210
11/2:05 pm	0.2	120	24.0	19.1	7.73	12.4	Yes	210
12/3:00 pm	0.3	120	36.0	16.8	7.39	12.9	Yes	210
13/2:00 pm	0.85	120	102.0	20.0	7.83	13.0	Yes	210
14/8:00 am	1.24	120	148.8	5.0	7.38	31.7	Yes	210
15/12:30 pm	0.99	120	118.8	18.0	7.51	13.5	Yes	210
16/3:00 am	1.44	120	172.8	5.0	7.69	36.3	Yes	210
17/3:00 pm	1.39	120	166.8	5.0	7.70	36.2	Yes	210
18								Plant off
19/4:00 pm	1.04	120	124.8	18.5	7.90	15.1	Yes	210
20								Plant off
21/12:40 pm	1.51	120	181.2	15.1	7.70	18.6	Yes	210
22/11:15 pm	1.1	120	132.0	5.0	8.12	40.9	Yes	210
23/9:00 am	1.47	120	176.4	16.0	7.55	16.5	Yes	210
24								Plant off
25/4:50 pm	1.47	120	176.4	17.9	7.95	16.8	Yes	210
26								Plant off
27/4:40 pm	0.94	120	112.8	18.0	7.65	14.1	Yes	210
28								Plant off
29/2:30 pm	1.11	120	133.2	15.1	8.36	22.6	Yes	210
30								Plant off
31/3:30 pm	0.94	120	112.8	18.1	7.98	15.8	Yes	210

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

Revised October 2013