

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

County: **Marion**
 Month/Year: **Feb-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							Plant Off
4				0.03			0.03
5							Plant Off
6							Plant Off
7				0.03			0.03
8							Plant Off
9							Plant Off
10				0.03			0.03
11							Plant Off
12							Plant Off
13				0.03			0.03
14							Plant Off
15				0.03			0.03
16							Plant Off
17							Plant Off
18				0.05			0.05
19							Plant Off
20							Plant Off
21				0.05			0.05
22							Plant Off
23							Plant Off
24				0.06			0.06
25							Plant Off
26							Plant Off
27				0.06			0.06
28							Plant Off
29							
30							
31							

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)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes	Yes	Yes

Notes:

PRINTED NAME: Gregory R Benthin

SIGNATURE: *Gregory R Benthin*

DATE: 3/1/2021

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.

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WTP- : A
 Disinfection *Giardia* Log Inactiv: 0.5

System Name: Gates, City of ID#: 41 00317 Month/Year: Feb-21

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]
1/2:30 pm	1.12	120	134.4	12.8	7.73	20.9	Yes	210
2								Plant Off
3								Plant Off
4/4:30 pm	1.06	120	127.2	13.2	7.74	20.3	Yes	210
5								Plant Off
6								Plant Off
7/1:00 pm	1.46	120	175.2	11.6	7.87	24.8	Yes	210
8								Plant Off
9								Plant Off
10/4:10 pm	1.26	120	151.2	12.3	7.83	22.8	Yes	210
11								Plant Off
12								Plant Off
13/4:40 pm	1.46	120	175.2	11.8	7.81	24.0	Yes	210
14								Plant Off
15/3:00 pm	1.29	120	154.8	11.9	7.76	23.0	Yes	210
16								Plant Off
17								Plant Off
18/4:35pm	1.14	120	136.8	12.4	7.70	21.4	Yes	210
19								Plant Off
20								Plant Off
21/12:30pm	1.19	120	142.8	11.6	7.68	22.5	Yes	210
22								Plant Off
23								Plant Off
24/3:50 pm	1.32	120	158.4	13.4	7.77	20.9	Yes	210
25								Plant Off
26								Plant Off
27/1:15 pm	1.11	120	133.2	11.6	7.76	22.9	Yes	210
28								Plant Off
29								Plant Off
30								
31								

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