

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

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

Slow Sand/Membrane/DE Filtration/Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings \leq 1 NTU? ² Yes	CT's met everyday? (see back) Yes	All Cl2 residual at entry point \geq 0.2 mg/l? Yes
All daily turbidity readings \leq 5 NTU? Yes		

Notes:	PRINTED NAME: Gregory R Benthin	
	SIGNATURE: <i>Gregory R Benthin</i>	DATE: 1/3/22
	PHONE #: (503) 897-2669	CETR # 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

System Name: Gates, City of ID#: 41 00317 Month/Year: 21-Dec 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	0.2	120	24.0	13.7	7.66	17.3	Yes	210
2								Plant Off
3	1.04	120	124.8	13.5	7.72	19.7	Yes	210
4								Plant Off
5								Plant Off
6	1.04	120	124.8	13.0	7.75	20.6	Yes	210
7								Plant Off
8								Plant Off
9	1.15	120	138.0	13.0	7.81	21.4	Yes	210
10								Plant Off
11								Plant Off
12	0.8	120	96.0	12.1	7.79	21.7	Yes	210
13								Plant Off
14								Plant Off
15	0.94	120	112.8	12.9	7.71	20.2	Yes	210
16								Plant Off
17								Plant Off
18	0.75	120	90.0	12.7	7.81	20.8	Yes	210
19								Plant Off
20								Plant Off
21	1.12	120	134.4	13.0	7.71	20.5	Yes	210
22								Plant Off
23	0.9	120	108.0	13.2	7.65	19.3	Yes	210
24								Plant Off
25								Plant Off
26	0.77	120	92.4	12.8	7.37	17.6	Yes	210
27								Plant Off
28								Plant Off
29	0.88	120	105.6	12.4	7.70	20.8	Yes	210
30								Plant Off
31								Plant Off

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