

**OHA - Drinking Water Services -Turbidity Monitoring Report Form**  
**Conventional or Direct Filtration**

County: Columbia  
 Mar-2021

System Name: City of Rainier	ID#: 4100689						WTP : TP -
Day	12 AM 00:00 [NTU]	4 AM 04:00 [NTU]	8 AM 08:00 [NTU]	NOON 12:00 [NTU]	4 PM 16:00 [NTU]	8 PM 20:00 [NTU]	Highest Reading of the Day <sup>1</sup> [NTU]
1	OFF	OFF	OFF	OFF	0.07	0.07	0.07
2	0.08	0.07	OFF	0.07	0.13	0.07	0.13
3	0.07	0.07	0.07	0.07	0.07	0.07	0.07
4	0.07	0.07	0.07	0.07	0.07	0.07	0.07
5	0.07	0.07	0.07	0.08	0.08	0.08	0.08
6	0.11	0.07	OFF	0.07	0.07	OFF	0.11
7	0.07	OFF	0.07	OFF	0.07	OFF	0.07
8	0.07	OFF	0.07	OFF	OFF	0.07	0.07
9	0.08	0.08	0.08	0.07	0.07	0.07	0.08
10	0.07	0.08	0.07	0.07	OFF	0.07	0.08
11	0.07	0.07	0.07	0.07	0.07	0.07	0.07
12	0.07	0.07	0.07	0.08	0.07	0.07	0.08
13	0.07	0.07	0.07	0.07	0.07	OFF	0.07
14	OFF	OFF	0.07	0.07	0.07	OFF	0.07
15	0.07	OFF	0.07	0.07	0.07	0.07	0.07
16	OFF	0.07	0.07	0.07	0.07	0.07	0.07
17	0.07	0.07	0.08	0.07	0.07	0.07	0.08
18	0.07	0.07	0.07	0.07	0.07	0.07	0.07
19	0.07	0.07	0.07	0.07	0.07	0.07	0.07
20	0.07	OFF	OFF	OFF	OFF	0.08	0.08
21	OFF	OFF	OFF	OFF	0.07	OFF	0.07
22	OFF	OFF	0.09	0.29	0.23	0.14	0.29
23	0.18	0.14	OFF	0.08	0.07	0.07	0.18
24	0.06	0.07	0.07	0.07	0.07	0.07	0.07
25	0.07	OFF	0.07	0.07	0.07	0.07	0.07
26	0.07	0.07	0.06	0.06	0.06	0.06	0.07
27	OFF	0.06	OFF	OFF	OFF	0.07	0.07
28	OFF	OFF	OFF	OFF	OFF	OFF	0.00
29	OFF	OFF	OFF	0.07	0.07	0.07	0.07
30	0.07	0.08	0.07	0.07	0.07	0.08	0.08
31	0.07	0.07	0.07	0.07	OFF	0.07	0.07

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU?	<b>YES</b>	CT's met everyday?
All 4-hour turbidity readings ≤ 1 NTU?	<b>YES</b>	See page 2 <b>YES</b>
All turbidity readings < IFE <sup>2</sup> triggers	<b>YES</b>	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <b>YES</b>

<b>Notes: 3/22/21 - Started up refurbished Filter #2 and placed on line. The effluent turbidimeter was fouled 3/22 and recalibrated on 3/23. Effluent turbidity for the filter effluents were 0.04 NTU during this time. Filter # 1 is offline for maintenance.</b>	PRINTED NAME: Richard M. Cage SIGNATURE: <i>Richard M. Cage</i> PHONE #: ( 503 ) 209-6141 DATE: 4/8/21 T2610
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OHA - Drinking Water Program - Surface Water Quality Data Form							WTP - :	
System Name: CITY OF RAINIER			ID#: 4100689	Mar-2021		Disinfection <i>Giardia</i> Log Inactive:	0.5	
Day	Residual at [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? <sup>3</sup> Yes / No	Peak Hourly Demand Flow [GPM]
1	0.7	160.0	113.6	13.1	7.4	17.1	YES	1000
2	0.7	160.0	118.4	13.5	7.4	16.7	YES	1000
3	0.8	160.0	121.4	12.9	7.4	17.6	YES	1000
4	0.8	160.0	121.6	13.1	7.4	17.7	YES	1000
5	0.8	160.0	123.2	13.3	7.5	17.9	YES	1000
6	0.7	160.0	113.6	13.0	7.6	18.8	YES	1000
7	0.7	160.0	112.0	13.1	7.6	18.7	YES	1000
8	0.7	160.0	112.0	11.4	7.6	20.8	YES	1000
9	0.7	160.0	112.0	12.8	7.6	19.0	YES	1000
10	0.8	160.0	126.4	11.4	7.6	21.4	YES	1000
11	0.8	160.0	124.8	11.0	7.7	22.7	YES	1000
12	0.8	160.0	120.0	10.3	7.7	23.5	YES	1000
13	0.7	160.0	118.4	10.2	7.7	23.6	YES	1000
14	0.7	160.0	112.0	10.6	7.7	22.9	YES	1000
15	0.7	160.0	112.0	10.0	7.7	24.2	YES	1000
16	0.7	160.0	112.0	9.6	7.7	24.8	YES	1000
17	0.7	160.0	112.0	10.2	7.8	24.0	YES	1000
18	0.7	160.0	108.8	10.3	7.8	23.7	YES	1000
19	0.7	160.0	110.4	10.6	7.8	23.3	YES	1000
20	0.7	160.0	108.8	10.1	7.8	24.5	YES	1000
21	0.6	160.0	99.2	10.4	7.7	23.0	YES	1000
22	0.6	160.0	99.2	10.8	7.7	22.4	YES	1000
23	0.6	160.0	97.6	10.4	7.7	23.0	YES	1000
24	0.5	160.0	86.4	10.7	7.8	23.1	YES	1000
25	0.5	160.0	81.8	11.1	7.8	22.5	YES	1000
26	0.6	160.0	91.2	10.7	7.8	23.2	YES	1000
27	0.6	160.0	94.4	10.3	7.8	23.9	YES	1000
28	0.5	160.0	86.4	11.1	7.8	22.5	YES	1000
29	0.6	160.0	91.2	10.5	7.8	23.2	YES	1000
30	0.6	160.0	91.2	10.4	7.8	23.6	YES	1000
31	0.6	160.0	102.4	11.1	7.9	23.5	YES	1000