

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Columbia

Conventional or Direct Filtration

Jul-2023

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 ¹ [NTU]
1	OFF	0.10	0.06	0.07	0.08	0.06	0.10
2	OFF	0.10	0.06	0.09	0.10	0.08	0.10
3	0.06	0.08	OFF	0.06	0.10	0.09	0.10
4	0.06	0.11	0.06	0.11	0.09	0.06	0.11
5	0.06	0.09	OFF	0.08	0.08	0.08	0.09
6	0.07	0.08	0.07	0.08	0.07	0.08	0.08
7	0.09	0.07	0.10	0.07	OFF	0.08	0.10
8	0.08	0.11	0.05	0.06	OFF	0.06	0.11
9	0.10	OFF	0.08	0.09	0.05	OFF	0.10
10	OFF	0.06	OFF	0.07	0.07	0.06	0.07
11	0.06	0.06	OFF	0.11	0.06	0.06	0.11
12	0.09	0.05	0.10	0.06	0.09	0.06	0.10
13	0.09	0.06	0.09	0.06	0.06	0.07	0.09
14	0.10	0.06	0.09	0.06	0.09	OFF	0.10
15	0.06	OFF	0.07	0.06	OFF	0.07	0.07
16	OFF	0.10	0.06	0.07	0.10	0.06	0.10
17	OFF	0.05	0.08	0.10	0.08	0.07	0.10
18	0.08	0.09	0.08	0.08	0.09	0.06	0.09
19	0.08	OFF	0.07	0.10	0.11	0.06	0.11
20	0.07	0.11	0.06	0.07	0.08	0.10	0.11
21	0.07	0.09	OFF	0.11	OFF	0.05	0.11
22	0.06	0.07	0.07	0.06	OFF	0.09	0.09
23	OFF	0.07	OFF	0.08	OFF	0.09	0.09
24	OFF	0.08	0.07	0.08	0.07	0.07	0.08
25	0.13	0.06	0.06	0.07	0.11	0.07	0.13
26	0.10	0.07	0.07	0.11	0.07	0.08	0.11
27	0.12	0.08	0.08	0.09	0.08	0.09	0.12
28	0.14	0.08	0.09	0.09	0.17	0.11	0.17
29	OFF	0.18	OFF	0.08	0.13	OFF	0.18
30	0.07	OFF	0.07	0.07	OFF	0.09	0.09
31	0.06	0.11	0.09	0.12	0.14	0.08	0.14

Conventional or Direct Filtration

Monthly Summary (Answer Yes or No)

95% of 4-hour turbidity readings ≤ 0.3 NTU?

YES

CT's met everyday?

All Cl₂ residual at entry point

All 4-hour turbidity readings ≤ 1 NTU?

YES

See page 2

YES

≥ 0.2 mg/l?

YES

All turbidity readings < IFE² triggers

YES

Notes:

PRINTED NAME: Elizabeth Lawrence

SIGNATURE: 

DATE: 8/14/23

PHONE #: (360) 281-5613

CERT #:

T004530

OHA - Drinking Water Program - Surface Water Quality Data Form							WTP - :	
System Name: CITY OF RAINIER			ID#: 4100689		Jul-2023		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? ³ Yes / No	Peak Hourly Demand Flow [GPM]
1	0.7	160.0	108.6	24.1	7.5	8.7	YES	1000
2	0.6	160.0	99.8	24.3	7.5	8.5	YES	1000
3	0.6	160.0	100.0	24.5	7.6	8.5	YES	1000
4	0.6	160.0	97.3	25.0	7.6	8.2	YES	1000
5	0.6	160.0	95.0	27.0	7.6	7.2	YES	1000
6	0.6	160.0	101.0	25.9	7.6	7.7	YES	1000
7	0.7	160.0	111.4	26.5	7.6	7.5	YES	1000
8	0.7	160.0	113.9	24.6	7.5	8.3	YES	1000
9	0.6	160.0	97.1	24.5	7.5	8.1	YES	1000
10	0.6	160.0	93.0	24.7	7.5	8.0	YES	1000
11	0.6	160.0	98.1	24.2	7.5	8.3	YES	1000
12	0.7	160.0	107.2	25.1	7.5	7.8	YES	1000
13	0.7	160.0	111.7	25.1	7.4	7.8	YES	1000
14	0.7	160.0	110.2	25.6	7.4	7.5	YES	1000
15	0.7	160.0	109.8	22.4	7.5	9.6	YES	1000
16	0.6	160.0	99.2	26.4	7.5	7.2	YES	1000
17	0.6	160.0	93.4	25.9	7.5	7.4	YES	1000
18	0.6	160.0	92.5	25.5	7.5	7.7	YES	1000
19	0.5	160.0	85.8	26.0	7.5	7.5	YES	1000
20	0.5	160.0	84.8	26.7	7.5	7.1	YES	1000
21	0.5	160.0	84.0	26.1	7.5	7.4	YES	1000
22	0.5	160.0	85.0	26.6	7.5	7.2	YES	1000
23	0.6	160.0	90.6	27.9	7.5	6.6	YES	1000
24	0.6	160.0	88.9	26.6	7.5	7.0	YES	1000
25	0.6	160.0	93.1	25.6	7.5	7.6	YES	1000
26	0.7	160.0	118.1	25.9	7.5	7.7	YES	1000
27	0.8	160.0	124.0	26.1	7.6	7.8	YES	1000
28	0.9	160.0	140.0	26.2	7.7	8.3	YES	1000
29	0.9	160.0	136.3	26.1	7.7	8.2	YES	1000
30	0.8	160.0	120.0	25.6	7.6	8.1	YES	1000
31	0.8	160.0	125.3	26.0	7.5	7.7	YES	1000