

OHA - Drinking Water Services -Turbidity Monitoring
 Conventional or Direct Filtration

County: **Columbia**
 Jul-2024

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	0.05	0.05	OFF	0.05	0.05	0.07	0.07
2	0.05	0.06	OFF	0.05	0.08	0.06	0.08
3	0.06	0.05	0.05	0.08	OFF	OFF	0.08
4	OFF	0.06	OFF	OFF	0.06	0.06	0.06
5	0.05	0.06	0.05	0.06	OFF	0.07	0.07
6	0.05	0.07	0.05	0.05	0.06	OFF	0.07
7	0.05	0.06	OFF	OFF	0.07	0.05	0.07
8	0.09	0.05	0.06	0.05	0.06	0.11	0.11
9	0.07	0.07	0.07	0.06	OFF	0.07	0.07
10	0.07	0.08	0.05	0.06	0.06	OFF	0.08
11	OFF	0.08	0.05	0.06	0.05	0.05	0.08
12	0.06	0.07	0.07	OFF	0.06	0.06	0.07
13	0.05	OFF	0.05	OFF	0.05	0.05	0.05
14	OFF	0.06	0.06	0.06	0.07	0.06	0.07
15	OFF	0.06	0.05	OFF	OFF	OFF	0.06
16	0.08	OFF	0.06	0.06	0.05	0.05	0.08
17	0.07	0.05	0.06	0.06	0.05	0.06	0.07
18	OFF	0.06	0.06	0.07	OFF	0.06	0.07
19	0.06	0.07	0.06	OFF	0.06	OFF	0.07
20	0.05	OFF	0.05	0.05	OFF	0.05	0.05
21	OFF	0.07	OFF	0.05	0.05	OFF	0.07
22	0.05	0.06	OFF	0.06	OFF	0.06	0.06
23	OFF	0.06	0.05	0.06	0.05	OFF	0.06
24	OFF	0.06	0.05	0.06	0.05	OFF	0.06
25	0.06	0.05	0.06	0.06	0.05	0.06	0.06
26	0.05	0.05	0.06	0.05	0.06	0.05	0.06
27	0.05	0.06	OFF	0.05	0.08	0.06	0.08
28	0.06	OFF	0.06	OFF	0.05	OFF	0.06
29	0.05	0.05	0.08	0.06	0.06	0.05	0.08
30	0.06	0.05	0.07	0.05	0.06	OFF	0.07
31	0.06	0.05	0.07	OFF	OFF	0.05	0.07

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.5 NTU?	YES	CT's met everyday?
All 4-hour turbidity readings ≤ 1 NTU?	YES	See page 2 YES
All turbidity readings < IFE ² triggers	YES	All Cl2 residual at entry point ≥ 0.2 mg/l? YES

Notes:

PRINTED NAME: Darrel Lockard	
SIGNATURE: <i>Darrel Lockard</i>	DATE: 8/8/24
PHONE #: (503)396-1736	CERT #: T2853

System Name: CITY OF RAINIER ID#: 4100689 Jul-2024							Disinfection <i>Giardia</i> Log Inactive:	0.5
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Day	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	0.6	160.0	102.2	23.1	7.6	9.5	YES	1000
2	0.6	160.0	102.4	21.6	7.6	10.5	YES	1000
3	0.7	160.0	109.0	21.4	7.6	10.7	YES	1000
4	0.7	160.0	104.6	23.0	7.6	9.6	YES	1000
5	0.6	160.0	102.2	22.7	7.7	10.1	YES	1000
6	0.6	160.0	97.1	23.4	7.7	9.6	YES	1000
7	0.6	160.0	96.0	23.7	7.8	9.8	YES	1000
8	0.6	160.0	96.0	25.5	7.8	8.6	YES	1000
9	0.6	160.0	96.0	25.5	7.8	8.6	YES	1000
10	0.6	160.0	92.8	25.2	7.8	8.8	YES	1000
11	0.6	160.0	96.0	25.1	7.7	8.6	YES	1000
12	0.6	160.0	96.0	24.6	7.7	8.8	YES	1000
13	0.6	160.0	96.0	23.8	7.7	9.3	YES	1000
14	0.6	160.0	96.0	24.4	7.7	9.0	YES	1000
15	0.6	160.0	96.0	23.9	7.7	9.3	YES	1000
16	0.7	160.0	112.0	25.0	7.7	8.7	YES	1000
17	0.7	160.0	112.0	25.9	7.7	8.2	YES	1000
18	0.7	160.0	112.0	24.0	7.7	9.3	YES	1000
19	0.7	160.0	112.0	24.0	7.7	9.3	YES	1000
20	0.7	160.0	112.0	24.6	7.6	8.6	YES	1000
21	0.7	160.0	112.0	25.8	7.6	7.9	YES	1000
22	0.6	160.0	96.0	24.0	7.6	8.9	YES	1000
23	0.6	160.0	96.0	23.3	7.6	9.3	YES	1000
24	0.7	160.0	112.0	23.6	7.6	9.2	YES	1000
25	0.7	160.0	112.0	24.9	7.6	8.4	YES	1000
26	0.7	160.0	112.0	26.3	7.6	7.7	YES	1000
27	0.7	160.0	112.0	25.3	7.6	8.2	YES	1000
28	0.7	160.0	112.0	25.2	7.6	8.3	YES	1000
29	0.7	160.0	112.0	25.2	7.6	8.3	YES	1000
30	0.6	160.0	102.4	26.4	7.6	7.6	YES	1000
31	0.7	160.0	112.0	26.6	7.6	7.5	YES	1000