

Membrane Filter Monthly Operating ReportCounty: **Columbia**System Name: **St. Helens**Month/Year: **Dec-2025**PWS ID#: 41 - **00724**Minimum test pressure applied: **30** psiPlant ID: WTP - **A**
(e.g., "A")Minimum test pressure req'd: **18.34** psi

DIT = Direct Integrity Test on filter(s) [Yes, No, or "off" if all filters are offline] ⇌

PDR = Pressure Decay Rate

LRC = Log Removal Credit

PDR_{Max} [^{psi}/min]

LRC [log removal]

0.074**4.00****DIT
Daily**

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU]	Highest PDR of day [^{psi} /min]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	0.014	0.01	0.022	0.03	4.75	Y
2	0.014	0.01	0.023	0.02	4.93	Y
3	0.015	0.01	0.021	0.02	4.89	Y
4	0.014	0.02	0.030	0.03	4.75	Y
5	0.014	0.01	0.022	0.03	4.77	Y
6	0.014	0.01	0.022	0.03	4.75	Y
7	0.014	0.01	0.023	0.03	4.75	Y
8	0.014	0.01	0.030	0.03	4.76	Y
9	0.015	0.02	0.021	0.02	4.92	Y
10	0.014	0.01	0.024	0.02	4.94	Y
11	0.014	0.01	0.021	0.02	4.89	Y
12	0.014	0.01	0.024	0.02	4.84	Y
13	0.014	0.01	0.021	0.02	4.87	Y
14	0.014	0.01	0.021	0.02	4.83	Y
15	0.014	0.02	0.021	0.03	4.72	Y
16	0.014	0.01	0.024	0.03	4.71	Y
17	0.016	0.02	0.021	0.03	4.72	Y
18	0.016	0.02	0.021	0.03	4.65	Y
19	0.015	0.02	0.021	0.03	4.70	Y
20	0.016	0.02	0.025	0.03	4.69	Y
21	0.015	0.02	0.022	0.02	4.78	Y
22	0.015	0.02	0.022	0.02	4.79	Y
23	0.014	0.02	0.021	0.02	4.81	Y
24	0.014	0.01	0.021	0.02	4.75	Y
25	0.041	0.04	0.021	0.03	4.67	Y
26	0.016	0.06	0.036	0.03	4.68	Y
27	0.015	0.03	0.021	0.02	4.84	Y
28	0.015	0.01	0.021	0.02	4.85	Y
29	0.015	0.02	0.021	0.03	4.69	Y
30	0.016	0.02	0.022	0.03	4.69	Y
31	0.015	0.02	0.022	0.02	4.87	Y

Compliance summary (operator to complete any blank fields)

95% of daily turbidity readings ≤ 1 NTU? [Y/N]	All turbidity readings ≤ 5 NTU? [Y/N]	All IFE turbidity readings ≤ 0.15 NTU? [Y/N]	Performance std met? [Y/N] (PDR ≤ PDR _{Max} , LRV ≥ LRC)	DIT Daily?
Yes	Yes	Yes	Yes	Yes
CT's met daily? (p. 2)	All Cl ₂ residual at EP ≥ 0.2 mg/L?	PDR ≤ PDR _{Max} ?	LRV _{ambient} ≥ LRC?	
		Yes	Yes	

PRINTED NAME: **Aaron Kunders**DATE: **5-Jan-26**SIGNATURE: 

WT CERT #: 684854

Notes:

PHONE #: 503-397-2344

OHA - Drinking Water Program - Surface Water Quality Data Form

St Helens Oregon

PWS#4100724 WFP - A

Month:

December

Year:

2025

DAY	DATE	Time of Peak Flow	Minimum Chlorine Residual (mg/L) C [AIT-4705]	Contact Time T (min)	Actual Minimum C X T	Temp. (Deg. C) [TIT-4008]	pH [AIT-4713]	Required CT from tables (0.5-log)	CT Met? Yes/No	Peak Hourly Demand Flow (GPM)
1	12/01/25	20:59	0.69	120	83.1	14.3	7.6	26	Yes	1953
2	12/02/25	14:59	0.70	119	83.0	14.4	7.6	26	Yes	1960
3	12/03/25	11:59	0.69	118	82.0	14.4	7.6	26	Yes	1977
4	12/04/25	13:59	0.69	118	80.7	14.3	7.7	26	Yes	1984
5	12/05/25	12:59	0.69	117	80.5	14.4	7.7	26	Yes	1991
6	12/06/25	0:59	0.67	118	79.8	14.4	7.7	26	Yes	1974
7	12/07/25	5:59	0.66	118	78.0	14.4	7.6	26	Yes	1979
8	12/08/25	19:59	0.65	117	76.1	14.5	7.7	26	Yes	1991
9	12/09/25	9:59	0.63	116	72.9	14.3	7.7	26	Yes	2021
10	12/10/25	23:59	0.56	115	64.6	14.4	7.8	26	Yes	2026
11	12/11/25	15:59	0.50	115	57.8	14.2	8.1	31	Yes	2032
12	12/12/25	0:59	0.59	114	67.2	14.2	8.1	31	Yes	2050
13	12/13/25	16:59	0.61	116	71.0	14.1	7.9	26	Yes	2021
14	12/14/25	3:59	0.66	116	77.0	14.0	7.7	26	Yes	2018
15	12/15/25	4:59	0.72	116	83.9	14.1	7.5	26	Yes	2008
16	12/16/25	0:59	0.69	117	80.6	14.1	7.6	26	Yes	2005
17	12/17/25	14:59	0.65	115	74.7	13.7	8.1	32	Yes	2035
18	12/18/25	14:59	0.69	116	79.4	13.9	8.2	32	Yes	2021
19	12/19/25	22:59	0.58	113	65.3	13.7	8.4	31	Yes	2061
20	12/20/25	15:59	0.41	113	46.3	13.6	8.7	36	Yes	2067
21	12/21/25	13:59	0.70	113	78.7	13.5	8.7	38	Yes	2071
22	12/22/25	16:59	0.70	114	79.2	13.4	8.5	32	Yes	2059
23	12/23/25	14:59	0.77	112	85.5	13.4	7.5	22	Yes	2096
24	12/24/25	14:59	0.84	111	92.6	13.5	7.7	22	Yes	2111
25	12/25/25	12:59	0.77	113	87.0	13.4	7.6	22	Yes	2076
26	12/26/25	15:59	0.75	113	84.8	13.4	7.5	22	Yes	2064
27	12/27/25	14:59	0.77	115	88.8	13.5	7.6	22	Yes	2035
28	12/28/25	12:59	0.80	115	91.6	13.5	7.6	22	Yes	2032
29	12/29/25	15:59	0.76	116	87.7	13.5	7.5	22	Yes	2013
30	12/30/25	9:59	0.77	116	89.5	13.3	7.6	22	Yes	2012
31	12/31/25	8:59	0.78	116	90.0	13.5	7.6	22	Yes	2021

Notes:

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Clearwell Baffling Factor = 0.541

Min Clearwell Level = 432206 gallons 1

1 25.2' Pause level multiplied by 17155 gal/foot