

Membrane Filter Monthly Operating Report

County: **Columbia**

System Name: **St. Helens**

Month/Year: **Feb-2026**

PWS ID#: 41 - **00724**

Minimum test pressure applied: **30** psi

Plant ID: WTP - **A**

Minimum test pressure req'd: **18.34** psi

(e.g., "A")

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

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU]	Highest PDR of day [psi/min]	Lowest LRV _{ambient} of day [log removal]	DIT Daily [Y/N] or "off"
1	0.017	0.02	0.021	0.03	4.72	Y
2	0.014	0.01	0.021	0.02	4.89	Y
3	0.014	0.01	0.021	0.03	4.72	Y
4	0.014	0.01	0.022	0.03	4.72	Y
5	0.014	0.01	0.022	0.03	4.82	Y
6	0.014	0.01	0.022	0.03	4.73	Y
7	0.014	0.01	0.021	0.02	4.89	Y
8	0.015	0.01	0.021	0.03	4.72	Y
9	0.015	0.01	0.025	0.03	4.73	Y
10	0.014	0.02	0.025	0.03	4.71	Y
11	0.015	0.02	0.034	0.03	4.70	Y
12	0.015	0.02	0.021	0.02	4.92	Y
13	0.016	0.02	0.022	0.02	4.98	Y
14	0.014	0.01	0.025	0.02	4.93	Y
15	0.014	0.01	0.021	0.02	4.90	Y
16	0.014	0.01	0.037	0.03	4.78	Y
17	0.014	0.01	0.021	0.03	4.80	Y
18	0.014	0.01	0.025	0.03	4.76	Y
19	0.015	0.01	0.021	0.03	4.78	Y
20	0.014	0.01	0.074	0.03	4.75	Y
21	0.015	0.01	0.021	0.03	4.74	Y
22	0.015	0.01	0.022	0.02	4.92	Y
23	0.014	0.01	0.021	0.02	4.93	Y
24	0.015	0.02	0.021	0.02	4.93	Y
25	0.014	0.01	0.021	0.02	4.93	Y
26	0.014	0.01	0.023	0.02	4.92	Y
27	0.014	0.01	0.031	0.02	4.93	Y
28	0.014	0.01	0.021	0.02	4.97	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: **2-Mar-26**
 SIGNATURE:  WT CERT #: 684854
 Notes: PHONE #: 503-397-2344

* Used for optimization purposes only.

OHA - Drinking Water Program - Surface Water Quality Data Form

St Helens Oregon

PWS#4100724 WFP - A

Month:

February

Year:

2026

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	02/01/26	16:59	0.75	118	88.0	13.2	7.7	26	Yes	1981
2	02/02/26	19:59	0.74	118	86.9	13.3	7.7	26	Yes	1981
3	02/03/26	21:59	0.74	117	86.3	13.2	7.5	26	Yes	1993
4	02/04/26	14:59	0.73	117	85.9	13.2	7.5	26	Yes	1991
5	02/05/26	23:59	0.74	118	87.7	13.2	7.5	26	Yes	1977
6	02/06/26	13:59	0.75	117	87.7	13.2	7.6	26	Yes	1999
7	02/07/26	2:59	0.75	118	88.3	13.2	7.6	26	Yes	1978
8	02/08/26	20:59	0.74	119	87.8	13.3	7.6	26	Yes	1973
9	02/09/26	11:59	0.75	119	89.1	13.2	7.6	26	Yes	1966
10	02/10/26	11:59	0.75	118	89.2	13.2	7.5	26	Yes	1976
11	02/11/26	13:59	0.75	118	88.8	13.2	7.5	26	Yes	1988
12	02/12/26	14:59	0.75	120	89.7	13.3	7.5	26	Yes	1954
13	02/13/26	13:59	0.75	119	89.4	13.3	7.5	26	Yes	1965
14	02/14/26	5:59	0.75	119	89.2	13.2	7.6	26	Yes	1966
15	02/15/26	1:59	0.75	119	89.0	13.3	7.7	26	Yes	1971
16	02/16/26	12:59	0.75	118	88.3	13.3	7.7	26	Yes	1975
17	02/17/26	18:59	0.73	118	86.6	13.2	7.7	26	Yes	1976
18	02/18/26	18:59	0.73	118	85.6	13.1	7.5	26	Yes	1983
19	02/19/26	9:59	0.71	118	84.5	13.1	7.6	26	Yes	1978
20	02/20/26	11:59	0.71	117	83.3	13.2	7.5	26	Yes	2001
21	02/21/26	11:59	0.72	118	84.6	13.1	7.5	26	Yes	1977
22	02/22/26	14:59	0.71	118	83.7	13.2	7.5	26	Yes	1979
23	02/23/26	17:59	0.71	117	82.9	13.2	7.6	26	Yes	1997
24	02/24/26	11:59	0.69	117	81.3	13.1	7.6	26	Yes	1994
25	02/25/26	11:59	0.68	117	80.0	13.0	7.6	26	Yes	1998
26	02/26/26	23:59	0.68	117	79.7	13.0	7.7	26	Yes	1996
27	02/27/26	13:59	0.69	117	80.5	13.0	7.7	26	Yes	2001
28	02/28/26	16:59	0.69	117	80.6	13.1	7.6	26	Yes	1993

Notes:

Clearwell Baffling Factor = 0.541

Min Clearwell Level = 432206 gallons 1

1 25.2' Pause level multiplied by 17155 gal/foot