

**Membrane Filter Monthly Operating Report**

County: **Columbia**

System Name: **St. Helens**

Month/Year: **Jan-2026**

PWS ID#: 41 - **00724**

Minimum test pressure applied: **30** psi

Plant 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<sub>Max</sub> [<sup>psi</sup>/min]

LRC [log removal]

**0.074**

**4.00**

**DIT Daily**

Day	CFE Daily Turbidity [NTU]	Highest CFE <sup>▲</sup> [NTU]	Highest IFE [NTU]	Highest PDR of day [ <sup>psi</sup> /min]	Lowest LRV <sub>ambient</sub> of day [log removal]	[Y/N] or "off"
1	0.015	0.02	0.024	0.03	4.71	Y
2	0.014	0.02	0.032	0.03	4.71	Y
3	0.014	0.02	0.021	0.03	4.80	Y
4	0.014	0.01	0.022	0.03	4.71	Y
5	0.014	0.01	0.021	0.03	4.71	Y
6	0.014	0.01	0.021	0.02	4.81	Y
7	0.015	0.02	0.021	0.03	4.69	Y
8	0.016	0.02	0.024	0.03	4.70	Y
9	0.014	0.02	0.021	0.03	4.80	Y
10	0.014	0.02	0.021	0.03	4.70	Y
11	0.014	0.02	0.022	0.03	4.67	Y
12	0.014	0.05	0.021	0.03	4.70	Y
13	0.014	0.01	0.021	0.03	4.73	Y
14	0.015	0.01	0.026	0.03	4.75	Y
15	0.014	0.02	0.022	0.03	4.70	Y
16	0.015	0.01	0.021	0.03	4.70	Y
17	0.015	0.01	0.024	0.03	4.71	Y
18	0.014	0.01	0.026	0.03	4.75	Y
19	0.014	0.01	0.021	0.03	4.68	Y
20	0.014	0.02	0.022	0.02	4.83	Y
21	0.014	0.01	0.022	0.03	4.73	Y
22	0.014	0.01	0.021	0.03	4.75	Y
23	0.014	0.01	0.021	0.03	4.71	Y
24	0.014	0.01	0.021	0.03	4.71	Y
25	0.014	0.01	0.023	0.03	4.74	Y
26	0.014	0.01	0.025	0.04	4.59	Y
27	0.014	0.02	0.021	0.04	4.59	Y
28	0.014	0.02	0.023	0.03	4.72	Y
29	0.014	0.01	0.022	0.03	4.76	Y
30	0.015	0.01	0.032	0.03	4.76	Y
31	0.014	0.01	0.022	0.03	4.72	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 <sub>Max</sub> , LRV ≥ LRC)	DIT Daily?
<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
CT's met daily? (p. 2)	All Cl <sub>2</sub> residual at EP ≥ 0.2 mg/L?	PDR ≤ PDR <sub>Max</sub> ?	LRV <sub>ambient</sub> ≥ LRC?	
		<b>Yes</b>	<b>Yes</b>	

PRINTED NAME: **Aaron Kunders**

DATE: **2-Feb-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:**

**January**

**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	01/01/26	15:59	0.77	117	89.5	13.5	7.6	26	Yes	2002
2	01/02/26	16:59	0.76	115	86.9	13.4	7.7	26	Yes	2032
3	01/03/26	2:59	0.76	116	87.8	13.5	7.7	26	Yes	2016
4	01/04/26	18:59	0.74	115	85.4	13.4	7.6	26	Yes	2027
5	01/05/26	9:59	0.72	110	79.5	13.3	7.6	26	Yes	2118
6	01/06/26	0:59	0.71	117	83.5	13.3	7.7	26	Yes	1999
7	01/07/26	0:59	0.72	116	83.5	13.2	7.6	26	Yes	2017
8	01/08/26	2:59	0.72	116	83.8	13.2	7.8	26	Yes	2016
9	01/09/26	12:59	0.72	116	83.5	13.2	7.4	22	Yes	2009
10	01/10/26	15:59	0.73	116	84.2	13.2	7.6	26	Yes	2016
11	01/11/26	7:59	0.74	117	86.2	13.2	7.6	26	Yes	2003
12	01/12/26	19:59	0.76	116	87.9	13.3	7.5	26	Yes	2017
13	01/13/26	9:59	0.75	117	87.2	13.1	7.6	26	Yes	2003
14	01/14/26	12:59	0.74	117	86.4	13.2	7.5	26	Yes	1996
15	01/15/26	12:59	0.75	117	88.0	13.3	7.6	26	Yes	1994
16	01/16/26	14:59	0.77	118	90.1	13.3	7.5	26	Yes	1988
17	01/17/26	14:59	0.76	117	89.0	13.2	7.5	26	Yes	2001
18	01/18/26	2:59	0.76	117	89.6	13.3	7.6	26	Yes	1992
19	01/19/26	13:59	0.76	118	89.4	13.2	7.6	26	Yes	1987
20	01/20/26	0:59	0.75	117	87.3	13.1	7.7	26	Yes	1999
21	01/21/26	7:59	0.77	117	89.7	13.1	7.7	26	Yes	1998
22	01/22/26	9:59	0.77	117	90.5	13.2	7.5	26	Yes	1997
23	01/23/26	9:59	0.78	116	90.1	13.1	7.6	26	Yes	2016
24	01/24/26	13:59	0.75	117	87.8	13.2	7.6	26	Yes	1999
25	01/25/26	13:59	0.76	118	88.9	13.2	7.6	26	Yes	1986
26	01/26/26	4:59	0.76	119	90.0	13.2	7.6	26	Yes	1963
27	01/27/26	1:59	0.74	119	88.0	13.1	7.5	26	Yes	1961
28	01/28/26	14:59	0.74	117	86.2	13.2	7.5	26	Yes	2002
29	01/29/26	0:59	0.75	118	88.1	13.3	7.6	26	Yes	1985
30	01/30/26	1:59	0.74	118	87.0	13.3	7.6	26	Yes	1985
31	01/31/26	15:59	0.74	118	87.8	13.3	7.7	26	Yes	1978

Notes:

Clearwell Baffling Factor = 0.541

Min Clearwell Level = 432206 gallons 1

1 25.2' Pause level multiplied by 17155 gal/foot