

Membrane Filter Monthly Operating ReportCounty: **Columbia**System Name: **St. Helens**Month/Year: **Jun-2025**PWS ID#: 41 - **00724**Minimum test pressure applied: **30** psiPlant 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

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"
				PDR_{Max} [^{psi}/min]	LRC [log removal]	
				0.074	4.00	
1	0.013	0.01	0.045	0.03	4.86	Y
2	0.013	0.01	0.036	0.02	4.84	Y
3	0.014	0.01	0.052	0.02	4.89	Y
4	0.013	0.01	0.035	0.02	4.90	Y
5	0.014	0.01	0.067	0.03	4.71	Y
6	0.015	0.01	0.072	0.03	4.67	Y
7	0.015	0.01	0.057	0.02	4.88	Y
8	0.014	0.01	0.049	0.02	4.90	Y
9	0.014	0.01	0.045	0.02	4.84	Y
10	0.013	0.02	0.045	0.02	4.83	Y
11	0.014	0.02	0.057	0.02	4.83	Y
12	0.014	0.01	0.041	0.02	4.90	Y
13	0.014	0.01	0.049	0.03	4.75	Y
14	0.014	0.01	0.042	0.03	4.76	Y
15	0.013	0.01	0.037	0.03	4.84	Y
16	0.013	0.02	0.065	0.02	4.90	Y
17	0.013	0.01	0.038	0.02	4.92	Y
18	0.013	0.02	0.050	0.03	4.76	Y
19	0.013	0.01	0.048	0.03	4.70	Y
20	0.013	0.01	0.037	0.02	4.84	Y
21	0.014	0.01	0.037	0.02	4.87	Y
22	0.014	0.01	0.035	0.02	4.87	Y
23	0.014	0.01	0.036	0.02	4.84	Y
24	0.015	0.02	0.041	0.02	4.89	Y
25	0.015	0.02	0.039	0.02	4.93	Y
26	0.015	0.01	0.042	0.03	4.69	Y
27	0.013	0.01	0.038	0.03	4.67	Y
28	0.013	0.01	0.034	0.02	4.91	Y
29	0.015	0.01	0.046	0.02	4.84	Y
30	0.014	0.01	0.039	0.02	4.95	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: **1-Jul-25**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:

June

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	06/01/25	9:59	0.68	86	58.1	13.1	7.3	22	Yes	2717
2	06/02/25	13:59	0.69	85	58.1	13.1	7.3	22	Yes	2758
3	06/03/25	11:59	0.68	84	57.4	13.1	7.4	22	Yes	2781
4	06/04/25	22:59	0.68	83	56.1	13.0	7.3	22	Yes	2823
5	06/05/25	17:59	0.68	84	56.5	13.0	7.3	22	Yes	2800
6	06/06/25	19:59	0.69	86	59.2	13.0	7.4	22	Yes	2713
7	06/07/25	9:59	0.68	85	57.8	13.1	7.4	22	Yes	2752
8	06/08/25	7:59	0.68	84	57.1	13.1	7.3	22	Yes	2786
9	06/09/25	13:59	0.68	87	58.7	13.1	7.4	22	Yes	2697
10	06/10/25	6:59	0.68	84	57.4	13.1	7.5	22	Yes	2773
11	06/11/25	15:59	0.69	84	58.1	13.0	7.4	22	Yes	2791
12	06/12/25	17:59	0.68	87	58.9	13.1	7.4	22	Yes	2702
13	06/13/25	21:59	0.68	84	56.9	13.1	7.4	22	Yes	2800
14	06/14/25	15:59	0.67	86	57.5	13.1	7.4	22	Yes	2710
15	06/15/25	10:59	0.67	82	55.1	13.1	7.3	22	Yes	2849
16	06/16/25	8:59	0.67	84	56.5	13.1	7.3	22	Yes	2767
17	06/17/25	9:59	0.67	84	56.1	13.1	7.3	22	Yes	2774
18	06/18/25	19:59	0.68	84	57.4	13.1	7.4	22	Yes	2778
19	06/19/25	23:59	0.66	85	55.6	13.2	7.5	22	Yes	2760
20	06/20/25	8:59	0.73	82	59.8	13.2	7.4	22	Yes	2843
21	06/21/25	4:59	0.73	84	61.2	13.1	7.4	22	Yes	2793
22	06/22/25	18:59	0.72	86	61.8	13.2	7.4	22	Yes	2729
23	06/23/25	10:59	0.72	84	60.4	13.2	7.4	22	Yes	2782
24	06/24/25	22:59	0.71	83	59.2	13.2	7.4	22	Yes	2815
25	06/25/25	18:59	0.70	84	59.0	13.2	7.5	22	Yes	2795
26	06/26/25	20:59	0.70	86	60.7	13.2	7.4	22	Yes	2704
27	06/27/25	23:59	0.70	84	58.5	13.3	7.4	22	Yes	2786
28	06/28/25	0:59	0.69	85	58.4	13.2	7.4	22	Yes	2759
29	06/29/25	15:59	0.70	85	59.6	13.3	7.4	22	Yes	2760
30	06/30/25	8:59	0.70	82	57.3	13.3	7.3	22	Yes	2854

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