

PWS ID # 4100731
 Salem Public Works Department

Sample Period: December 2025

Chlorine/Turbidity/Fluoride Monitoring Report

Marion County

	Finished Water Turbidity *	Finished Water Total Daily Flow	Minimum Chlorine Residual at First User	Fluoride Grab	Fluoride Feed Rate
Location:	Geren Island	Geren Island	Aldersgate**	Aldersgate**	Geren Island
Source ID:	WTP-A	WTP-A	EP-A	EP-A	WTP-A
Unit	ntu	MGD	mg/L	mg/L	GPD
12/1/2025	0.05	27.7	1.07	0.66	78
12/2/2025	0.06	28.1	0.91	0.66	80
12/3/2025	0.05	26.3	0.91	0.66	75
12/4/2025	0.05	18.1	1.10	0.64	49
12/5/2025	0.05	19.6	1.02	0.58	55
12/6/2025	0.05	23.4	1.01	0.65	66
12/7/2025	0.05	23.3	0.88	0.66	66
12/8/2025	0.05	17.8	0.87	0.65	48
12/9/2025	0.05	14.3	0.99	0.57	36
12/10/2025	0.05	14.9	1.05	0.59	38
12/11/2025	0.05	22.9	1.00	0.63	69
12/12/2025	0.05	28.3	1.08	0.68	86
12/13/2025	0.05	28.1	1.10	0.69	85
12/14/2025	0.05	28.0	1.08	0.69	86
12/15/2025	0.05	27.8	1.06	0.69	84
12/16/2025	0.05	27.7	1.15	0.69	84
12/17/2025	0.05	27.4	1.07	0.67	83
12/18/2025	0.05	18.5	1.10	0.67	54
12/19/2025	0.05	14.9	0.89	0.61	41
12/20/2025	0.05	17.1	1.14	0.63	48
12/21/2025	0.05	15.2	0.98	0.63	42
12/22/2025	0.05	17.4	1.01	0.64	49
12/23/2025	0.05	15.4	1.15	0.62	42
12/24/2025	0.05	14.0	1.11	0.58	36
12/25/2025	0.05	14.0	1.11	0.58	36
12/26/2025	0.05	14.1	1.14	0.58	36
12/27/2025	0.05	14.2	1.07	0.57	37
12/28/2025	0.05	15.0	1.15	0.57	40
12/29/2025	0.05	17.8	1.17	0.59	48
12/30/2025	0.05	23.0	1.20	0.62	67
12/31/2025	0.05	24.2	1.11	0.64	70
Total		638.2			1,814
Average	0.05	20.6	1.05	0.63	

*Finished water turbidity results are the highest reading of the day from combined filter effluent samples prior to reservoir.

**Aldersgate sample site: Aldersgate 7790 Marion Rd. SE, Turner OR. Entry Point A

Treatment: SSF

OHA-Drinking Water Program- Surface Water Quality Form							County	Marion		
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		December,2025			
DATE	Time 0000-2400	Minimum Cl2 Residual at first user (C) mg/L	Contact Time (T) Minutes	Actual CT C X T	Temp (Deg. C)	pH	Required CT	CT Met? Yes/No	Peak Hourly Demand Flow (MGD)	
1	2326	1.10	939	1,033	11.5	7.5	46	Y	4.7	
2	1	1.10	939	1,033	11.7	7.5	46	Y	4.7	
3	1442	1.04	815	848	11.4	7.6	55	Y	5.5	
4	1349	1.15	753	866	11.2	7.6	55	Y	5.9	
5	1511	1.10	802	882	12.4	7.6	55	Y	5.6	
6	447	1.11	939	1,043	12.4	7.4	46	Y	4.7	
7	2314	1.03	928	955	11.2	7.5	46	Y	4.8	
8	835	0.91	873	794	11.4	7.6	54	Y	5.1	
9	824	0.99	868	859	11.3	7.7	55	Y	5.1	
10	1813	1.05	901	946	11.7	7.5	46	Y	4.9	
11	1702	1.00	831	831	11.8	7.4	46	Y	5.4	
12	1350	1.08	953	1,030	11.9	7.4	46	Y	4.7	
13	1	1.10	905	995	11.8	7.6	55	Y	4.9	
14	2358	1.08	905	977	11.8	7.5	46	Y	4.9	
15	1115	1.06	916	971	11.7	7.4	46	Y	4.9	
16	1725	1.13	931	1,052	11.6	7.5	46	Y	4.8	
17	1354	1.12	499	559	11.5	7.5	55	Y	8.9	
18	2003	1.15	843	970	11.6	7.6	55	Y	5.3	
19	550	1.12	924	1,035	11.5	7.6	55	Y	4.8	
20	1753	1.14	794	905	11.5	7.4	46	Y	5.6	
21	2352	1.03	894	921	11.4	7.5	46	Y	5.0	
22	129	1.01	931	941	11.3	7.6	55	Y	4.8	
23	2356	1.24	914	1,134	11.2	7.5	55	Y	4.9	
24	1447	1.13	966	1,091	11.3	7.6	55	Y	4.6	
25	1050	1.17	909	1,063	11.1	7.5	46	Y	4.9	
26	20	1.18	898	1,059	11.0	7.5	46	Y	5.0	
27	1314	1.15	968	1,113	10.9	7.5	46	Y	4.6	
28	1145	1.15	795	914	10.7	7.5	47	Y	5.6	
29	911	1.27	890	1,131	14.1	7.4	46	Y	5.0	
30	17	1.20	863	1,035	10.8	7.4	47	Y	5.2	
31	1407	1.19	823	979	9.5	7.5	62	Y	5.4	

* Site: Line 2 Alt Flow Path at Aldersgate CT point, 7790 Marion Rd. SE. Turner, OR

Report Date: Jan 06, 2026

OHA-Drinking Water Program- Surface Water Quality Form							County	Marion		
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		December,2025			
DATE	Time 0000-2400	Minimum Cl2 Residual at first user (C) mg/L	Contact Time (T) Minutes	Actual CT C X T	Temp (Deg. C)	pH	Required CT	CT Met? Yes/No	Peak Hourly Demand Flow (MGD)	
1	18	1.07	411	440	11.1	7.5	55	Y	24.0	
2	2344	0.91	390	355	11.6	7.5	54	Y	25.3	
3	0	0.91	395	360	10.6	7.6	54	Y	25.0	
4	111	1.10	468	515	10.6	7.5	46	Y	21.1	
5	851	1.02	523	533	12.4	7.5	55	Y	18.9	
6	2345	1.01	519	525	12.4	7.4	46	Y	19.0	
7	2350	0.88	519	457	10.8	7.6	54	Y	19.0	
8	10	0.87	519	452	11.0	7.6	54	Y	19.0	
9	1017	1.05	987	1,036	11.0	7.7	55	Y	10.0	
10	1316	1.19	964	1,147	11.5	7.5	55	Y	10.2	
11	1047	1.22	404	493	11.8	7.4	47	Y	24.4	
12	1938	1.11	407	452	11.8	7.5	46	Y	24.2	
13	1	1.11	405	449	11.7	7.5	46	Y	24.4	
14	1145	1.12	407	455	11.2	7.4	46	Y	24.3	
15	1	1.12	409	459	10.9	7.5	46	Y	24.1	
16	403	1.15	415	477	11.0	7.5	46	Y	23.8	
17	2324	1.07	420	449	11.1	7.2	46	Y	23.5	
18	2332	1.10	424	466	11.4	7.5	55	Y	23.3	
19	522	0.89	752	669	11.8	7.6	54	Y	13.1	
20	822	1.22	742	905	11.6	7.4	47	Y	13.3	
21	2301	0.98	721	706	11.2	7.5	45	Y	13.7	
22	2339	1.01	772	779	11.1	7.5	46	Y	12.8	
23	613	1.15	767	882	11.0	7.5	46	Y	12.9	
24	1315	1.11	1,057	1,173	11.0	7.6	55	Y	9.3	
25	641	1.11	1,058	1,174	10.9	7.4	46	Y	9.3	
26	1325	1.14	1,049	1,195	10.8	7.5	55	Y	9.4	
27	1148	1.07	1,033	1,106	10.6	7.5	55	Y	9.6	
28	1105	1.20	790	948	10.5	7.5	46	Y	12.5	
29	1419	1.17	640	749	14.1	7.4	46	Y	15.4	
30	1242	1.28	454	581	12.2	7.4	47	Y	21.7	
31	21	1.11	454	504	10.4	7.4	46	Y	21.7	

* Site: Line 1 Alt. Flow Path Aldersgate CT sample point, 7790 Marion Rd. SE Turner, OR

12/16/25 Line 1 Aldersgate online chlorine/pH/ temperature monitoring did not read correctly.

Report Date: Jan 05, 2026

Using Franzen East Cell Inlet chlorine reading of 1.15 mg/l. See email to Chantal Wikstrom from Cody Marrs



Chlorine/Turbidity/CT Summary Report

PWS ID#:	4100731	Sample Period:	December 2025
System Name:	<i>Salem Public Works Department</i>	Laboratory Results:	<i>Willow Lake Lab</i>
Address:	1410 20th St SE, Bldg 2 Salem OR 97302	OHD-Certified Lab	OR100010
Contact Person:	Dwayne Barnes, Utility Operations Manager	Date Report Issued:	1/6/2026
Contact Number:	503-588-6483	Contact Person:	Paul Mitchell
Source Water:	North Santiam River	Contact Number:	503-588-6380
Treatment Type:	Slow Sand Filtration	Sampler:	Treatment Operators
Sample Location:	Aldersgate and Geren Island	Sample Date:	As reported
		Source ID #:	EP-A and WTP-A

Summary Table

1. Turbidity	Were 95 percent of the turbidity readings less than or equal to 1.0 NTU for the month?	Yes
2. Turbidity	Were all turbidity readings less than or equal to 5.0 NTU for the month?	Yes
3. CT	Were all CTs values met each day of the month?	Yes
4. Chlorine	Were all entry point chlorine residuals readings greater than or equal to 0.2 mg/L for the month?	Yes
5. Chlorine	Was a detectable chlorine residual measured in at least 95% of the samples measured for the month?	Yes

Print Name: Dwayne Barnes, Utility Operations Manager

Signature:

Date: January 7, 2026