

PWS ID # 4100731
Salem Public Works Department

Sample Period: March 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
3/1/2025	0.13	27.7	1.16	0.65	82
3/2/2025	0.06	27.6	1.19	0.73	82
3/3/2025	0.14	27.5	1.12	0.74	81
3/4/2025	0.06	27.5	1.13	0.74	81
3/5/2025	0.06	27.6	1.26	0.76	81
3/6/2025	0.08	27.7	1.28	0.75	81
3/7/2025	0.05	27.8	1.26	0.77	81
3/8/2025	0.17	27.6	1.30	0.60	81
3/9/2025	0.05	27.6	1.09	0.60	81
3/10/2025	0.05	29.0	1.13	0.59	85
3/11/2025	0.05	28.4	1.08	0.59	84
3/12/2025	0.10	27.5	1.07	0.59	81
3/13/2025	0.05	27.6	1.25	0.59	81
3/14/2025	0.11	27.7	1.11	0.60	81
3/15/2025	0.12	27.8	1.10	0.64	81
3/16/2025	0.05	27.8	1.23	0.64	81
3/17/2025	0.05	28.0	1.24	0.64	81
3/18/2025	0.05	29.8	1.25	0.64	87
3/19/2025	0.12	29.7	1.25	0.63	87
3/20/2025	0.07	29.7	1.22	0.64	87
3/21/2025	0.05	28.6	1.21	0.64	85
3/22/2025	0.05	27.1	1.18	0.63	82
3/23/2025	0.05	29.0	1.14	0.63	84
3/24/2025	0.05	30.2	1.19	0.62	87
3/25/2025	0.05	31.4	1.03	0.63	92
3/26/2025	0.06	31.5	1.13	0.63	92
3/27/2025	0.05	31.3	1.06	0.64	92
3/28/2025	0.05	31.2	0.84	0.60	91
3/29/2025	0.14	26.7	0.92	0.60	82
3/30/2025	0.05	23.1	1.09	0.58	65
3/31/2025	0.05	27.8	1.07	0.57	81
Total		879.5			2,580
Average	0.07	28.4	1.15	0.64	

*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		March,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	1113	1.22	742	905	8.3	7.6	76	Y	6.0
2	1533	1.28	933	1,195	8.5	7.6	76	Y	4.8
3	2359	1.24	760	942	8.4	7.6	76	Y	5.9
4	0	1.24	789	979	8.4	7.6	76	Y	5.6
5	1136	1.26	742	935	8.4	7.6	76	Y	6.0
6	254	1.28	742	950	8.4	7.6	76	Y	6.0
7	1450	1.37	742	1,017	8.4	7.6	76	Y	6.0
8	951	1.40	774	1,084	8.4	7.6	76	Y	5.8
9	858	1.26	801	1,009	8.4	7.4	61	Y	5.6
10	956	1.16	820	951	8.6	7.5	61	Y	5.4
11	1343	1.14	826	942	8.6	7.5	61	Y	5.4
12	1541	1.10	791	870	8.6	7.5	61	Y	5.6
13	1536	1.25	798	997	8.6	7.5	62	Y	5.6
14	1503	1.21	750	907	8.6	7.6	76	Y	5.9
15	953	1.19	809	963	8.4	7.6	74	Y	5.5
16	914	1.23	768	944	8.3	7.5	62	Y	5.8
17	816	1.35	782	1,056	8.2	7.4	62	Y	5.7
18	1248	1.29	809	1,044	8.1	7.5	62	Y	5.5
19	2310	1.27	821	1,043	8.3	7.4	62	Y	5.4
20	1203	1.22	809	988	8.3	7.4	62	Y	5.5
21	1509	1.21	809	979	8.4	7.4	62	Y	5.5
22	1580	1.29	761	982	8.5	7.5	62	Y	5.9
23	1518	1.29	761	982	8.8	7.7	76	Y	5.9
24	1038	1.21	598	724	8.8	7.7	72	Y	7.4
25	537	1.03	680	700	9.3	7.6	72	Y	6.6
26	1035	1.20	834	1,000	9.7	7.6	76	Y	5.3
27	1001	1.06	843	894	9.8	7.6	74	Y	5.3
28	925	1.13	840	949	10.0	7.6	55	Y	5.3
29	1449	1.14	832	949	10.2	7.3	46	Y	5.4
30	1355	1.10	824	907	9.8	7.6	74	Y	5.4
31	1316	1.21	802	971	9.7	7.5	61	Y	5.6

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

Report Date: Apr 03, 2025

OHA-Drinking Water Program- Surface Water Quality Form								County	Marion
Salem Public Works		ID# OR4100731		WTP-A		Mo/Yr		March,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	0	1.16	430	499	8.9	7.4	61	Y	22.9
2	2359	1.19	430	512	8.4	7.4	61	Y	22.9
3	1224	1.12	429	481	8.5	7.5	61	Y	23.0
4	0	1.13	430	486	8.4	7.5	61	Y	22.9
5	1546	1.31	429	562	8.4	7.4	62	Y	23.0
6	221	1.29	429	553	8.3	7.5	62	Y	23.0
7	1535	1.26	429	541	8.3	7.5	62	Y	23.0
8	31	1.30	433	562	8.3	7.4	62	Y	22.8
9	2030	1.09	434	473	8.7	7.4	61	Y	22.7
10	17	1.13	392	443	8.7	7.5	61	Y	25.2
11	2330	1.08	395	426	8.6	7.6	74	Y	25.0
12	137	1.07	433	464	8.5	7.5	61	Y	22.8
13	19	1.32	432	570	8.5	7.4	62	Y	22.9
14	2356	1.11	434	482	8.6	7.6	74	Y	22.7
15	3	1.10	352	388	8.2	7.5	61	Y	28.0
16	1	1.25	352	441	7.7	7.5	62	Y	28.0
17	2100	1.24	393	487	7.6	7.5	62	Y	25.1
18	123	1.25	394	492	8.0	7.4	62	Y	25.1
19	2003	1.25	390	487	8.3	7.4	62	Y	25.3
20	22	1.26	395	497	8.7	7.4	62	Y	25.0
21	1230	1.21	395	478	8.1	7.3	62	Y	25.0
22	538	1.18	411	485	8.1	7.5	61	Y	24.0
23	2219	1.14	409	466	8.1	7.4	61	Y	24.2
24	2101	1.19	380	452	8.9	7.4	61	Y	26.0
25	2110	1.06	359	381	9.4	7.4	61	Y	27.5
26	1700	1.13	363	410	9.8	7.5	61	Y	27.2
27	2133	1.19	366	436	10.0	7.5	46	Y	27.0
28	2137	0.84	365	307	9.9	7.4	60	Y	27.0
29	2312	0.92	371	341	10.2	7.3	45	Y	26.6
30	2211	1.09	548	598	9.8	7.5	61	Y	18.0
31	2148	1.07	393	420	9.2	7.3	61	Y	25.1

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

Report Date: Apr 03, 2025



Chlorine/Turbidity/CT Summary Report

PWS ID#: 4100731
System Name: Salem Public Works Department
Address: 1410 20th St SE, Bldg 2
Salem OR 97302
Contact Person: Dwayne Barnes, Utility Operations Manager
Contact Number: 503-588-6483
Source Water: North Santiam River
Treatment Type: Slow Sand Filtration
Sample Location: Aldersgate and Geren Island

Sample Period: March 2025
Laboratory Results: Willow Lake Lab
OHD-Certified Lab: OR100010
Date Report Issued: 4/7/2025
Contact Person: Paul Mitchell
Contact Number: 503-588-6380
Sampler: Treatment Operators
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: April 7, 2025