

PWS ID # 4100731
Salem Public Works Department

Sample Period: June 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
6/1/2025	0.06	35.5	1.10	0.62	104
6/2/2025	0.06	36.7	1.09	0.61	107
6/3/2025	0.14	37.9	1.18	0.68	112
6/4/2025	0.07	37.6	1.15	0.67	112
6/5/2025	0.06	37.4	1.11	0.67	112
6/6/2025	0.14	38.4	1.09	0.67	112
6/7/2025	0.13	39.0	1.10	0.66	113
6/8/2025	0.06	38.3	1.00	0.66	111
6/9/2025	0.07	41.2	0.95	0.66	121
6/10/2025	0.06	41.7	1.03	0.68	122
6/11/2025	0.06	39.3	0.94	0.69	116
6/12/2025	0.06	39.5	0.98	0.59	116
6/13/2025	0.11	40.7	0.89	0.61	118
6/14/2025	0.06	40.2	0.90	0.61	118
6/15/2025	0.06	40.0	1.03	0.61	116
6/16/2025	0.06	40.1	0.92	0.60	116
6/17/2025	0.06	40.0	0.91	0.60	116
6/18/2025	0.06	38.8	0.92	0.60	112
6/19/2025	0.06	35.3	0.97	0.62	100
6/20/2025	0.05	34.9	1.05	0.62	99
6/21/2025	0.06	31.9	1.08	0.61	90
6/22/2025	0.05	31.8	0.93	0.60	90
6/23/2025	0.06	33.4	0.93	0.61	95
6/24/2025	0.06	37.9	0.92	0.62	112
6/25/2025	0.06	38.2	0.98	0.62	113
6/26/2025	0.06	40.2	0.75	0.65	116
6/27/2025	0.06	35.9	0.97	0.66	104
6/28/2025	0.06	38.1	0.99	0.66	112
6/29/2025	0.06	39.9	0.89	0.66	117
6/30/2025	0.08	40.5	0.79	0.66	120
Total		1,140.2			3,322
Average	0.07	38.0	0.98	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		June,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	2359	1.10	313	345	15.7	7.5	31	Y	31.5
2	411	1.09	289	315	15.7	7.5	37	Y	34.1
3	12	1.18	286	337	15.7	7.6	37	Y	34.6
4	2225	1.15	289	332	16.6	7.6	37	Y	34.1
5	1847	1.11	293	326	16.4	7.5	31	Y	33.7
6	2242	1.09	271	296	16.7	7.5	31	Y	36.4
7	1851	1.12	267	299	17.5	7.4	31	Y	37.0
8	1652	1.00	274	274	17.7	7.4	30	Y	36.0
9	2112	1.10	242	267	18.1	7.4	31	Y	40.7
10	1725	1.03	228	235	18.6	7.4	31	Y	43.2
11	2317	0.99	263	260	18.6	7.3	30	Y	37.5
12	107	0.98	286	280	18.5	7.5	30	Y	34.6
13	2345	0.89	262	233	18.0	7.6	36	Y	37.7
14	17	0.90	265	239	17.2	7.5	36	Y	37.2
15	2149	1.11	266	295	16.9	7.5	31	Y	37.1
16	1549	0.92	265	244	17.3	7.7	36	Y	37.2
17	139	0.94	267	251	17.5	7.6	36	Y	37.0
18	40	1.04	266	277	17.8	7.5	31	Y	37.1
19	2031	1.03	297	306	17.7	7.4	31	Y	33.3
20	51	1.06	292	309	17.2	7.5	37	Y	33.8
21	2347	1.08	347	375	16.7	7.4	31	Y	28.4
22	2035	0.96	347	333	16.4	7.8	36	Y	28.5
23	104	0.93	306	284	15.9	7.5	36	Y	32.3
24	2109	0.92	260	239	16.5	7.4	30	Y	38.0
25	1854	1.09	267	291	17.1	7.4	31	Y	37.0
26	1916	0.75	266	200	17.3	7.3	29	Y	37.1
27	420	1.08	307	331	17.5	7.3	31	Y	32.2
28	1928	1.04	271	282	17.8	7.2	31	Y	36.4
29	1833	0.89	269	240	18.3	7.5	36	Y	36.6
30	1	0.79	246	194	18.7	7.3	29	Y	40.1

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

Report Date: Jul 03, 2025

OHA-Drinking Water Program- Surface Water Quality Form								County	Marion
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		June,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	1844	1.30	1,075	1,398	14.9	7.6	57	Y	4.1
2	2002	1.21	970	1,174	15.1	7.5	38	Y	4.6
3	1641	1.21	970	1,174	15.1	7.6	38	Y	4.6
4	1949	1.21	992	1,200	15.5	7.7	38	Y	4.5
5	1554	1.16	1,012	1,174	15.6	7.6	37	Y	4.4
6	1706	1.13	678	766	15.9	7.7	37	Y	6.6
7	1749	1.10	824	907	16.2	7.5	31	Y	5.4
8	1043	1.16	989	1,148	16.3	7.7	37	Y	4.5
9	1111	0.95	798	758	16.8	7.4	30	Y	5.6
10	1457	1.09	781	851	17.3	7.6	37	Y	5.7
11	1442	0.94	966	908	17.4	7.4	30	Y	4.6
12	311	1.00	1,124	1,124	17.6	7.5	30	Y	4.0
13	1153	0.98	1,102	1,080	17.3	7.7	36	Y	4.0
14	1727	0.98	1,091	1,069	17.3	7.6	36	Y	4.1
15	2314	1.03	987	1,017	16.7	7.6	34	Y	4.5
16	19	1.08	1,081	1,167	16.7	7.6	37	Y	4.1
17	1432	0.91	1,010	919	16.9	7.7	36	Y	4.4
18	1755	0.92	611	562	16.9	7.5	30	Y	7.3
19	49	0.97	1,014	984	17.1	7.6	36	Y	4.4
20	1928	1.05	835	877	17.0	7.6	37	Y	5.3
21	1354	1.08	1,028	1,110	16.7	7.5	31	Y	4.3
22	1826	0.93	1,026	954	15.9	7.5	36	Y	4.3
23	1847	0.94	1,060	996	16.0	7.8	33	Y	4.2
24	1311	0.99	1,058	1,047	16.1	7.5	36	Y	4.2
25	1241	0.98	1,400	1,372	16.2	7.5	30	Y	3.2
26	1730	1.02	998	1,018	16.7	7.5	31	Y	4.5
27	1411	0.97	1,007	977	16.9	7.5	31	Y	4.4
28	1718	0.99	532	527	17.0	7.3	31	Y	8.4
29	1722	1.00	1,089	1,089	17.6	7.5	37	Y	4.1
30	1540	1.00	1,003	1,003	17.7	7.6	36	Y	4.4

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

Report Date: Jul 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: June 2025
Laboratory Results: Willow Lake Lab
OHD-Certified Lab: OR100010
Date Report Issued: 7/3/2025
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:

July 3, 2025