

PWS ID # 4100731
Salem Public Works Department

Sample Period: July 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
7/1/2025	0.06	43.6	1.06	0.65	131
7/2/2025	0.06	44.0	1.08	0.65	132
7/3/2025	0.06	40.9	1.10	0.65	123
7/4/2025	0.06	37.8	1.04	0.67	112
7/5/2025	0.06	39.8	1.02	0.67	121
7/6/2025	0.06	38.2	1.02	0.68	114
7/7/2025	0.10	43.2	1.02	0.68	130
7/8/2025	0.07	45.8	1.00	0.65	139
7/9/2025	0.06	45.7	1.13	0.66	139
7/10/2025	0.07	43.9	0.98	0.67	134
7/11/2025	0.07	38.3	0.97	0.65	113
7/12/2025	0.12	42.2	1.00	0.65	128
7/13/2025	0.09	43.6	1.09	0.66	132
7/14/2025	0.06	43.6	1.15	0.66	132
7/15/2025	0.06	44.7	1.08	0.69	136
7/16/2025	0.07	43.9	1.01	0.20	134
7/17/2025	0.07	45.9	1.04	0.68	140
7/18/2025	0.06	45.3	0.95	0.67	138
7/19/2025	0.06	45.3	0.94	0.69	138
7/20/2025	0.06	40.6	0.94	0.70	125
7/21/2025	0.06	42.1	0.96	0.68	130
7/22/2025	0.06	44.6	0.99	0.69	137
7/23/2025	0.06	44.5	0.98	0.70	137
7/24/2025	0.06	44.5	1.06	0.70	138
7/25/2025	0.06	44.3	1.15	0.72	139
7/26/2025	0.06	43.9	1.07	0.71	138
7/27/2025	0.13	43.5	1.01	0.71	137
7/28/2025	0.07	41.9	1.07	0.71	130
7/29/2025	0.12	42.0	0.95	0.71	130
7/30/2025	0.09	42.4	0.99	0.70	131
7/31/2025	0.05	42.3	1.01	0.71	132
Total		1,332.2			4,070
Average	0.07	43.0	1.03	0.67	

*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

The 16th the minimum chlorine residual is taken from the lowest reading at Aldersgate line 2.

OHA-Drinking Water Program- Surface Water Quality Form								County	Marion
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		July,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	1827	1.13	1,075	1,215	18.0	7.6	37	Y	4.1
2	1855	1.13	985	1,113	18.5	7.6	37	Y	4.5
3	948	1.10	978	1,076	18.6	7.5	31	Y	4.6
4	1729	1.09	981	1,069	18.6	7.5	37	Y	4.5
5	2116	1.09	727	793	18.4	7.5	31	Y	6.1
6	1900	1.02	916	934	18.5	7.7	37	Y	4.9
7	1814	1.02	875	892	19.5	7.4	31	Y	5.1
8	1733	1.00	926	926	18.8	7.6	36	Y	4.8
9	325	1.13	953	1,077	18.9	7.6	37	Y	4.7
10	1731	1.10	947	1,042	19.0	7.4	31	Y	4.7
11	1805	0.97	1,026	995	19.2	7.4	30	Y	4.3
12	1820	1.00	1,113	1,113	19.6	7.4	30	Y	4.0
13	1026	1.09	1,097	1,195	19.9	7.6	37	Y	4.1
14	1818	1.15	1,207	1,388	20.0	7.5	28	Y	3.7
15	1504	1.08	918	991	20.5	7.5	28	Y	4.9
16	1804	1.01	1,321	1,334	20.4	7.6	28	Y	3.4
17	1052	1.04	845	879	21.1	7.5	28	Y	5.3
18	1628	1.10	992	1,091	20.1	7.5	28	Y	4.5
19	1525	1.00	1,097	1,097	19.9	7.6	37	Y	4.1
20	1208	0.96	1,321	1,268	19.7	7.6	36	Y	3.4
21	527	0.96	1,065	1,022	19.6	7.6	36	Y	4.2
22	1634	0.99	989	979	19.1	7.6	36	Y	4.5
23	1315	0.98	889	871	18.9	7.6	36	Y	5.0
24	49	1.06	947	1,004	19.3	7.5	31	Y	4.7
25	1309	1.20	882	1,058	19.7	7.6	37	Y	5.1
26	1500	1.07	989	1,059	19.7	7.6	36	Y	4.5
27	13	1.01	962	971	19.6	7.5	31	Y	4.6
28	1500	1.07	989	1,059	19.6	7.5	37	Y	4.5
29	1709	1.03	1,012	1,042	19.6	7.5	31	Y	4.4
30	1329	1.06	947	1,004	19.9	7.7	37	Y	4.7
31	1911	1.09	945	1,030	19.7	7.8	37	Y	4.7

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

Report Date: Aug 05, 2025

OHA-Drinking Water Program- Surface Water Quality Form								County	Marion
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		July,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	1846	1.06	231	244	19.2	7.5	31	Y	42.8
2	1018	1.08	232	251	20.0	7.4	23	Y	42.5
3	37	1.12	251	281	19.8	7.4	31	Y	39.4
4	21	1.04	294	306	19.6	7.5	31	Y	33.6
5	1723	1.02	250	255	19.5	7.6	37	Y	39.5
6	2000	1.02	269	274	19.1	7.5	31	Y	36.7
7	2106	1.05	227	238	18.5	7.7	37	Y	43.5
8	1000	1.00	227	227	20.1	7.4	22	Y	43.4
9	2207	1.15	226	260	20.0	7.4	23	Y	43.7
10	1922	0.98	238	234	20.0	7.2	22	Y	41.4
11	2257	1.01	288	291	20.2	7.4	23	Y	34.3
12	1656	1.01	235	237	20.5	7.4	23	Y	42.1
13	1026	1.09	252	275	20.9	7.5	23	Y	39.2
14	1818	1.15	252	290	21.3	7.5	23	Y	39.1
15	1835	1.10	229	252	21.9	7.5	23	Y	43.1
16	1754	1.14	208	237	21.0	7.5	23	Y	43.5
17	1939	1.21	231	280	21.1	7.5	28	Y	42.6
18	1821	0.95	231	219	20.8	7.4	22	Y	42.8
19	1831	0.94	232	218	20.5	7.4	22	Y	42.5
20	1527	0.94	241	226	20.4	7.5	22	Y	41.0
21	152	1.04	243	253	19.7	7.6	37	Y	40.6
22	1923	1.00	244	244	19.3	7.5	30	Y	40.4
23	1219	0.98	237	232	19.6	7.4	30	Y	41.6
24	1625	1.23	239	294	20.5	7.4	23	Y	41.3
25	1829	1.15	232	267	20.7	7.5	23	Y	42.5
26	1529	1.07	240	257	20.4	7.4	23	Y	41.0
27	937	1.15	239	275	23.1	7.4	23	Y	41.3
28	2029	1.07	260	278	20.1	7.3	23	Y	38.0
29	2113	0.95	253	240	20.1	7.6	27	Y	39.1
30	1820	0.99	253	250	20.1	7.7	27	Y	39.1
31	1703	1.01	252	254	20.6	7.6	28	Y	39.2

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

Report Date: Aug 04, 2025

7/16/25 Using Franzen West Outlet as L1 CT site. Contact time calculated from volume of Franzen Reservoir times 0.1 baffling factor. Water quality data collected at F



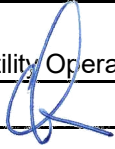
Chlorine/Turbidity/CT Summary Report

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: **July 2025**
Laboratory Results: **Willow Lake Lab**
OHD-Certified Lab OR100010
Date Report Issued: 8/5/2025
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: August 7, 2025