

PWS ID # 4100731

Sample Period: January 2025

Salem Public Works Department

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
1/1/2025	0.06	28.4	0.98	0.61	90
1/2/2025	0.06	25.6	1.31	0.59	75
1/3/2025	0.05	25.6	1.29	0.59	75
1/4/2025	0.04	25.5	1.29	0.60	76
1/5/2025	0.04	25.6	1.25	0.60	76
1/6/2025	0.04	25.7	1.20	0.60	76
1/7/2025	0.04	28.3	1.18	0.60	88
1/8/2025	0.09	30.5	0.92	0.64	94
1/9/2025	0.04	30.4	1.06	0.64	94
1/10/2025	0.06	30.3	1.08	0.64	94
1/11/2025	0.06	30.1	1.05	0.64	93
1/12/2025	0.05	27.9	1.15	0.64	84
1/13/2025	0.04	27.2	1.23	0.63	73
1/14/2025	0.04	17.8	1.03	0.63	53
1/15/2025	0.04	10.1	0.70	0.67	23
1/16/2025	0.04	9.1	0.88	0.63	23
1/17/2025	0.04	18.9	1.11	0.60	51
1/18/2025	0.04	25.2	1.04	0.69	79
1/19/2025	0.04	30.4	1.06	0.71	96
1/20/2025	0.04	32.2	1.08	0.75	101
1/21/2025	0.04	30.8	1.17	0.75	97
1/22/2025	0.04	29.8	1.20	0.74	94
1/23/2025	0.04	28.1	1.15	0.74	88
1/24/2025	0.04	26.8	1.10	0.73	86
1/25/2025	0.04	26.7	1.18	0.75	84
1/26/2025	0.04	28.6	1.14	0.76	88
1/27/2025	0.05	23.1	1.19	0.74	68
1/28/2025	0.05	22.0	0.94	0.69	65
1/29/2025	0.05	30.5	0.87	0.74	87
1/30/2025	0.07	20.9	0.66	0.70	60
1/31/2025	0.06	24.1	1.06	0.76	72
Total		796.3			2,403
Average	0.07	25.7	1.08	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

OHA-Drinking Water Program- Surface Water Quality Form								County	Marion
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		January, 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	732	1.02	329	336	8.8	7.4	61	Y	13.5
2	1259	1.31	603	790	8.8	7.5	62	Y	7.4
3	993	1.29	594	766	8.8	7.5	62	Y	7.5
4	245	1.29	593	765	8.9	7.4	62	Y	7.5
5	526	1.25	585	731	8.8	7.4	62	Y	7.6
6	540	1.29	580	748	8.6	7.5	62	Y	7.7
7	638	1.31	587	768	9.0	7.6	76	Y	7.6
8	2234	1.05	599	629	8.8	7.6	74	Y	7.4
9	1742	1.06	599	635	8.5	7.6	74	Y	7.4
10	1212	1.19	606	721	8.5	7.4	61	Y	7.4
11	911	1.10	587	646	8.4	7.4	61	Y	7.6
12	359	1.15	392	451	8.4	7.3	61	Y	11.4
13	1507	1.38	594	820	8.3	7.4	62	Y	7.5
14	2309	1.20	457	548	8.3	7.5	61	Y	9.8
15	2356	1.12	976	1,093	8.3	7.5	61	Y	4.6
16	136	0.88	989	871	8.3	7.5	60	Y	4.5
17	25	1.28	805	1,031	8.4	7.3	62	Y	5.5
18	815	1.21	804	972	8.3	7.4	62	Y	5.5
19	2311	1.16	390	452	7.9	7.7	76	Y	11.4
20	1630	1.10	685	753	7.4	7.8	74	Y	6.5
21	806	1.17	685	801	7.1	7.9	74	Y	6.5
22	911	1.25	703	879	7.0	7.7	76	Y	6.3
23	1319	1.20	444	533	6.7	7.7	76	Y	10.0
24	21	1.14	474	541	6.7	7.6	76	Y	9.4
25	14	1.18	512	605	6.5	7.5	62	Y	8.7
26	2233	1.20	725	870	6.7	7.4	62	Y	6.1
27	1557	1.19	622	740	6.5	7.4	61	Y	7.2
28	1017	1.00	1,619	1,619	6.3	7.4	61	Y	2.8
29	2340	1.10	664	731	6.6	7.5	61	Y	6.7
30	919	0.94	354	332	6.7	7.5	60	Y	12.6
31	41	1.09	667	728	6.4	7.4	61	Y	6.7

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

Report Date: Feb 06, 2025

OHA-Drinking Water Program- Surface Water Quality Form								County	Marion
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		January,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	2	0.98	388	380	8.3	7.2	60	Y	25.4
2	1946	1.37	529	724	9.0	7.5	62	Y	18.7
3	449	1.34	526	705	9.0	7.4	62	Y	18.8
4	2359	1.29	525	677	8.9	7.4	62	Y	18.8
5	46	1.28	525	672	8.5	7.5	62	Y	18.8
6	137	1.20	523	627	8.6	7.6	74	Y	18.9
7	2047	1.18	414	488	8.7	7.5	61	Y	23.9
8	1607	0.92	414	381	8.3	7.6	72	Y	23.9
9	827	1.06	415	439	8.0	7.5	61	Y	23.8
10	2331	1.08	416	449	8.2	7.3	61	Y	23.7
11	255	1.05	418	439	8.0	7.3	61	Y	23.6
12	1530	1.22	421	513	8.0	7.3	62	Y	23.5
13	2024	1.23	486	598	7.9	7.2	62	Y	20.3
14	944	1.03	486	501	7.8	7.7	74	Y	20.3
15	600	0.70	1,229	860	7.9	7.5	58	Y	8.0
16	930	1.20	1,841	2,209	8.0	7.4	61	Y	5.4
17	2359	1.11	530	588	8.3	7.3	61	Y	18.6
18	250	1.04	464	483	7.9	7.5	61	Y	21.3
19	904	1.06	356	378	7.4	7.8	74	Y	27.7
20	403	1.08	356	385	6.5	8.0	74	Y	27.7
21	2111	1.21	356	431	6.5	7.8	76	Y	27.7
22	2332	1.20	401	482	6.5	7.7	74	Y	24.6
23	121	1.15	404	465	6.3	7.7	74	Y	24.4
24	814	1.10	416	458	6.8	7.6	74	Y	23.7
25	2123	1.21	483	584	6.8	7.4	62	Y	20.4
26	1033	1.14	426	486	6.2	7.4	61	Y	23.2
27	2032	1.23	429	528	5.9	7.4	62	Y	23.0
28	436	0.94	535	503	5.8	7.5	60	Y	18.5
29	2351	0.87	534	464	6.9	7.3	60	Y	18.5
30	57	0.66	544	359	7.1	7.3	58	Y	18.1
31	1041	1.06	541	574	6.6	7.4	61	Y	18.2

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

Report Date: Feb 06, 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: **January 2025**
Laboratory Results: **Willow Lake Lab**
OHD-Certified Lab OR100010
Date Report Issued: 2/5/2025
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: February 6, 2025