

PWS ID # 4100731

Sample Period: May 2024

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
<b>Location:</b>	Geren Island	Geren Island	Aldersgate**	Aldersgate**	Geren Island
<b>Source ID:</b>	WTP-A	WTP-A	EP-A	EP-A	WTP-A
<b>Unit</b>	<b>ntu</b>	<b>MGD</b>	<b>mg/L</b>	<b>mg/L</b>	<b>GPD</b>
5/1/2024	0.07	28.3	1.08	0.64	79
5/2/2024	0.06	28.2	1.07	0.63	78
5/3/2024	0.05	28.1	1.31	0.64	78
5/4/2024	0.05	28.0	1.29	0.64	78
5/5/2024	0.05	28.0	1.22	0.64	78
5/6/2024	0.05	28.0	1.41	0.65	78
5/7/2024	0.05	27.9	1.18	0.64	77
5/8/2024	0.05	25.9	0.89	0.66	64
5/9/2024	0.05	22.5	0.89	0.67	57
5/10/2024	0.06	22.6	1.21	0.65	58
5/11/2024	0.06	23.1	1.35	0.63	61
5/12/2024	0.06	24.9	1.30	0.64	68
5/13/2024	0.06	28.6	1.29	0.65	80
5/14/2024	0.06	31.9	1.20	0.67	92
5/15/2024	0.06	30.5	1.19	0.67	86
5/16/2024	0.06	31.1	1.19	0.67	88
5/17/2024	0.06	31.5	1.17	0.68	90
5/18/2024	0.06	30.8	1.33	0.68	88
5/19/2024	0.06	25.7	1.15	0.69	72
5/20/2024	0.06	25.4	1.04	0.67	70
5/21/2024	0.06	29.6	1.25	0.68	83
5/22/2024	0.06	26.9	1.18	0.72	75
5/23/2024	0.06	24.9	1.22	0.64	68
5/24/2024	0.06	26.5	1.21	0.65	73
5/25/2024	0.06	28.8	1.19	0.65	82
5/26/2024	0.06	28.7	1.21	0.68	83
5/27/2024	0.06	28.7	1.23	0.68	83
5/28/2024	0.06	28.8	1.26	0.69	83
5/29/2024	0.06	30.8	1.27	0.68	90
5/30/2024	0.06	31.5	1.23	0.66	92
5/31/2024	0.06	31.6	1.17	0.68	91
<b>Total</b>		867.6			<b>2,423</b>
<b>Average</b>	<b>0.06</b>	28.0	1.20	0.66	

\*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		May,2024			
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	2338	1.08	429	463	10.9	7.4	46	Y	13.5	
2	30	1.07	428	458	10.9	7.5	46	Y	13.6	
3	2	1.31	432	565	12.2	7.5	47	Y	13.4	
4	2051	1.29	432	557	12.2	7.4	47	Y	13.4	
5	0	1.22	433	528	11.4	7.3	47	Y	13.4	
6	559	1.43	446	638	10.7	7.5	48	Y	13.0	
7	2348	1.18	433	511	11.1	7.2	46	Y	13.4	
8	2346	0.89	439	390	11.1	7.4	45	Y	13.2	
9	43	0.89	504	449	11.6	7.4	45	Y	11.5	
10	18	1.21	504	610	12.1	7.4	47	Y	11.5	
11	1748	1.40	504	706	13.0	7.4	47	Y	11.5	
12	2348	1.30	367	477	13.3	7.4	47	Y	15.8	
13	18	1.29	352	453	13.7	7.5	47	Y	16.5	
14	2233	1.20	352	422	14.1	7.5	46	Y	16.5	
15	1935	1.19	352	418	14.2	7.4	46	Y	16.5	
16	2354	1.19	360	428	14.1	7.6	55	Y	16.1	
17	2034	1.17	352	411	14.2	7.4	46	Y	16.5	
18	818	1.33	360	479	14.6	7.6	57	Y	16.1	
19	1935	1.15	388	446	14.3	7.5	46	Y	15.0	
20	1711	1.04	369	384	13.9	7.6	55	Y	15.7	
21	1302	1.25	369	461	14.0	7.5	47	Y	15.7	
22	1838	1.18	379	448	13.6	7.6	55	Y	26.0	
23	125	1.22	517	631	13.3	7.5	47	Y	19.1	
24	5	1.21	429	519	13.5	7.5	47	Y	23.0	
25	1944	1.19	429	511	13.3	7.4	46	Y	23.0	
26	456	1.21	429	519	13.6	7.4	47	Y	23.0	
27	1244	1.23	429	528	14.2	7.4	47	Y	23.0	
28	511	1.26	380	478	14.4	7.4	47	Y	26.0	
29	301	1.27	379	481	14.4	7.5	47	Y	26.1	
30	112	1.23	379	466	14.5	7.4	47	Y	26.1	
31	2029	1.17	373	437	15.0	7.6	37	Y	26.4	

\* Site: Line 1 Aldersgate CT sample point, 7790 Marion Rd. SE Turner, OR  
 May 22, 2024 Switched to "Alt Flow Path."

Report Date: Jun 04, 2024

OHA-Drinking Water Program- Surface Water Quality Form								County	Marion
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		May,2024		
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	815	1.31	559	732	11.2	7.6	57	Y	15.3
2	610	1.25	560	700	11.1	7.6	57	Y	15.2
3	301	1.41	565	797	11.6	7.7	58	Y	15.1
4	2252	1.53	566	867	11.7	7.5	48	Y	15.0
5	416	1.46	568	829	11.4	7.5	48	Y	15.0
6	1346	1.41	568	801	11.2	7.5	48	Y	15.0
7	2354	1.26	571	719	11.1	7.4	47	Y	14.9
8	2334	1.10	498	548	11.2	7.5	46	Y	17.1
9	38	1.10	710	781	11.4	7.6	55	Y	12.0
10	1426	1.30	682	886	11.7	7.7	57	Y	12.5
11	1016	1.35	671	906	12.3	7.6	57	Y	12.7
12	2135	1.47	529	777	12.8	7.5	48	Y	16.1
13	1142	1.45	516	749	13.2	7.7	58	Y	16.5
14	2112	1.29	516	666	13.4	7.6	57	Y	16.5
15	2244	1.27	448	569	13.6	7.5	47	Y	19.0
16	1808	1.24	490	608	13.7	7.6	57	Y	17.4
17	1236	1.24	532	660	14.2	7.4	46	Y	16.0
18	1948	1.34	507	679	14.1	7.7	57	Y	16.8
19	1858	1.35	422	569	14.0	7.6	57	Y	20.2
20	1956	1.23	476	586	13.6	7.7	55	Y	17.9
21	226	1.28	667	853	13.7	7.6	55	Y	12.8
22	1321	1.18	268	317	13.7	7.7	57	Y	16.6
23	14	1.25	675	843	13.5	7.6	57	Y	6.6
24	1600	1.25	424	530	13.6	7.6	57	Y	10.5
25	1737	1.27	742	942	13.5	7.5	47	Y	6.0
26	654	1.23	742	913	13.5	7.4	47	Y	6.0
27	1241	1.23	742	913	13.9	7.5	47	Y	6.0
28	1111	1.26	742	935	14.1	7.5	47	Y	6.0
29	1202	1.30	479	623	14.3	7.6	57	Y	9.3
30	916	1.28	685	877	14.3	7.6	57	Y	6.5
31	1848	1.24	676	838	14.4	7.6	57	Y	6.6

\* Site: Line 2 at Aldersgate CT point, 7790 Marion Rd. SE. Turner, OR  
 May 22, 2024 Switched to "Alt Flow Path."

Report Date: Jun 04, 2024



## Chlorine/Turbidity/CT Summary Report

<b>PWS ID#:</b>	<b>4100731</b>	<b>Sample Period:</b>	<b>May 2024</b>
<b>System Name:</b>	<i>Salem Public Works Department</i>	<b>Laboratory Results:</b>	<i>Willow Lake Lab</i>
<b>Address:</b>	1410 20th St SE, Bldg 2 Salem OR 97302	<b>OHD-Certified Lab</b>	OR100010
<b>Contact Person:</b>	Dwayne Barnes, Utility Operations Manager	<b>Date Report Issued:</b>	6/7/2024
<b>Contact Number:</b>	503-588-6483	<b>Contact Person:</b>	Paul Mitchell
<b>Source Water:</b>	North Santiam River	<b>Contact Number:</b>	503-588-6380
<b>Treatment Type:</b>	Slow Sand Filtration	<b>Sampler:</b>	Treatment Operators
<b>Sample Location:</b>	Aldersgate and Geren Island	<b>Sample Date:</b>	As reported
		<b>Source ID #:</b>	EP-A and WTP-A

### Summary Table

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

Print Name: Dwayne Barnes, Utility Operations Manager

Signature:

Date: June 7, 2025