

PWS ID # 4100731

Sample Period: February 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>
2/1/2024	0.09	30.2	0.90	0.60	78
2/2/2024	0.06	29.9	1.10	0.63	77
2/3/2024	0.06	27.9	1.11	0.62	71
2/4/2024	0.06	24.7	1.04	0.60	62
2/5/2024	0.09	24.8	1.03	0.61	62
2/6/2024	0.07	24.9	1.00	0.61	63
2/7/2024	0.07	25.1	0.95	0.61	64
2/8/2024	0.16	25.8	0.87	0.59	65
2/9/2024	0.11	27.6	1.07	0.57	71
2/10/2024	0.09	27.4	1.13	0.59	70
2/11/2024	0.11	26.0	1.05	0.57	67
2/12/2024	0.12	26.7	1.02	0.57	68
2/13/2024	0.14	27.3	1.08	0.55	70
2/14/2024	0.13	26.4	1.06	0.62	69
2/15/2024	0.13	23.8	1.13	0.63	61
2/16/2024	0.10	24.8	1.24	0.63	64
2/17/2024	0.11	26.2	1.26	0.63	70
2/18/2024	0.09	25.7	1.24	0.65	68
2/19/2024	0.16	26.0	1.17	0.65	68
2/20/2024	0.16	26.2	1.17	0.65	69
2/21/2024	0.13	26.1	1.17	0.62	69
2/22/2024	0.12	24.1	1.34	0.64	63
2/23/2024	0.11	22.3	1.28	0.64	57
2/24/2024	0.13	22.3	1.21	0.64	57
2/25/2024	0.14	22.2	1.08	0.64	56
2/26/2024	0.18	22.3	0.94	0.64	56
2/27/2024	0.33	22.6	1.01	0.63	59
2/28/2024	0.14	22.8	1.14	0.64	60
2/29/2024	0.11	22.9	1.32	0.65	59
<b>Total</b>		734.8			<b>1,893</b>
<b>Average</b>	<b>0.12</b>	25.3	1.11	0.62	

\*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		February,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	2350	1.13	582	658	9.0	7.5	61	Y	14.6	
2	417	1.11	580	643	9.3	7.6	74	Y	14.7	
3	1443	1.18	437	516	8.9	7.6	74	Y	19.5	
4	1935	1.17	568	665	8.5	7.6	74	Y	15.0	
5	2141	1.17	568	665	8.4	7.7	74	Y	15.0	
6	1728	1.11	550	610	8.3	7.7	74	Y	15.5	
7	600	1.07	550	588	8.3	7.8	74	Y	15.5	
8	2348	1.13	473	535	8.6	7.7	74	Y	18.0	
9	356	1.07	550	588	8.4	7.8	74	Y	15.5	
10	1223	1.18	588	693	8.5	7.6	74	Y	14.5	
11	2029	1.18	448	529	8.6	7.6	74	Y	19.0	
12	1354	1.14	448	511	8.6	7.6	74	Y	19.0	
13	1153	1.16	588	682	8.1	7.7	74	Y	14.5	
14	409	1.16	501	581	8.1	7.7	74	Y	17.0	
15	228	1.14	568	647	8.0	7.7	74	Y	15.0	
16	22	1.27	532	676	8.0	7.5	61	Y	16.0	
17	1105	1.26	733	924	7.8	7.5	62	Y	11.6	
18	1310	1.24	806	999	8.0	7.5	62	Y	10.6	
19	1610	1.28	767	982	8.3	7.5	62	Y	11.1	
20	1057	1.21	741	896	8.8	7.5	62	Y	11.5	
21	1040	1.30	741	963	8.7	7.6	76	Y	11.5	
22	1018	1.34	568	761	8.7	7.6	76	Y	15.0	
23	1524	1.28	741	948	8.8	7.5	62	Y	11.5	
24	1822	1.25	640	800	8.9	7.4	62	Y	13.3	
25	2128	1.17	692	810	8.2	7.4	61	Y	12.3	
26	2059	1.08	710	767	9.1	7.7	74	Y	12.0	
27	607	1.10	710	781	8.8	7.7	74	Y	12.0	
28	7	1.14	710	809	8.5	7.6	74	Y	12.0	
29	356	1.32	710	937	8.1	7.6	76	Y	12.0	

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

Report Date: Mar 04, 2024

OHA-Drinking Water Program- Surface Water Quality Form								County	Marion
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		February,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	2001	0.90	358	322	9.0	7.5	60	Y	16.2
2	2114	1.10	361	397	9.7	7.3	61	Y	16.1
3	17	1.11	363	402	8.4	7.6	74	Y	16.0
4	247	1.04	580	603	8.1	7.5	61	Y	10.0
5	101	1.03	580	597	7.9	7.6	74	Y	10.0
6	547	1.00	580	580	7.8	7.7	72	Y	10.0
7	415	0.95	574	545	7.9	7.7	72	Y	10.1
8	2020	0.87	430	374	8.7	7.7	72	Y	13.5
9	20	1.10	430	473	8.0	7.7	74	Y	13.5
10	1537	1.13	446	504	8.3	7.6	74	Y	13.0
11	2323	1.05	446	468	8.8	7.6	74	Y	13.0
12	340	1.02	446	455	8.9	7.6	74	Y	13.0
13	2250	1.08	446	482	7.6	7.7	74	Y	13.0
14	14	1.06	430	455	7.6	7.7	74	Y	13.5
15	117	1.13	509	575	7.7	7.7	74	Y	11.4
16	1209	1.24	352	436	7.6	7.5	62	Y	16.5
17	204	1.26	369	465	8.0	7.4	62	Y	15.7
18	957	1.24	368	456	7.6	7.5	62	Y	15.8
19	4	1.17	366	428	7.7	7.5	61	Y	15.9
20	42	1.17	363	424	8.2	7.5	61	Y	16.0
21	45	1.17	363	424	9.1	7.5	61	Y	16.0
22	1328	1.34	363	486	8.9	7.5	62	Y	16.0
23	2001	1.30	483	628	9.1	7.4	62	Y	12.0
24	2050	1.21	490	593	9.1	7.4	62	Y	11.8
25	2351	1.08	492	531	8.5	7.5	61	Y	11.8
26	2241	0.94	483	454	8.4	7.6	72	Y	12.0
27	821	1.01	483	488	8.8	7.7	74	Y	12.0
28	23	1.25	483	604	8.8	7.5	62	Y	12.0
29	111	1.39	483	672	8.0	7.5	62	Y	12.0

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

Report Date: Mar 04, 2024



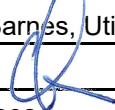
## Chlorine/Turbidity/CT Summary Report

<b>PWS ID#:</b>	<b>4100731</b>	<b>Sample Period:</b>	<b>February 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>	3/4/2024
<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: March 5, 2024