

PWS ID # 4100731

Sample Period: August 2022

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>
8/1/2022	0.05	42.1	1.52	<0.20	0
8/2/2022	0.05	42.2	1.36	<0.20	0
8/3/2022	0.05	42.1	1.21	<0.20	62
8/4/2022	0.05	42.1	1.20	0.62	110
8/5/2022	0.05	42.1	1.59	0.62	102
8/6/2022	0.05	41.9	1.20	0.62	112
8/7/2022	0.05	42.0	1.20	0.63	112
8/8/2022	0.05	42.0	1.31	0.63	112
8/9/2022	0.05	41.9	1.16	0.63	111
8/10/2022	0.05	41.9	1.15	0.63	112
8/11/2022	0.05	36.2	1.33	0.63	94
8/12/2022	0.05	37.7	1.41	0.63	98
8/13/2022	0.05	41.8	1.52	0.66	111
8/14/2022	0.05	41.6	1.51	0.64	110
8/15/2022	0.05	41.7	1.46	0.62	110
8/16/2022	0.05	41.7	1.50	0.63	112
8/17/2022	0.05	41.6	1.45	0.64	113
8/18/2022	0.05	41.7	1.34	0.63	113
8/19/2022	0.04	41.6	1.36	0.61	112
8/20/2022	0.04	41.6	1.35	0.62	113
8/21/2022	0.04	41.5	1.40	0.61	112
8/22/2022	0.05	41.3	1.27	0.61	111
8/23/2022	0.05	41.4	1.27	0.62	112
8/24/2022	0.05	41.4	1.25	0.61	112
8/25/2022	0.05	41.5	1.30	0.61	112
8/26/2022	0.05	42.0	1.32	0.60	113
8/27/2022	0.05	41.1	1.51	0.61	111
8/28/2022	0.05	39.2	1.40	0.61	105
8/29/2022	0.05	38.8	1.41	0.61	103
8/30/2022	0.05	40.0	1.45	0.62	107
8/31/2022	0.05	40.3	1.36	0.61	108
Total		1,275.8			3,125
Average	0.05	41.2	1.4	0.58	

\*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**

**August,2022**

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	733	1.45	557	808	21.4	7.3	24	Y	10.4
2	2152	1.29	555	716	20.7	7.5	23	Y	10.5
3	1518	1.33	557	741	20.1	7.3	23	Y	10.4
4	906	1.20	555	666	20.2	7.3	23	Y	10.5
5	2040	1.45	557	808	20.6	7.6	29	Y	10.4
6	1758	1.28	552	707	20.2	7.7	28	Y	10.5
7	1747	1.25	552	691	20.2	7.5	23	Y	10.5
8	6	1.31	559	733	20.1	7.3	23	Y	10.4
9	311	1.30	566	736	20.0	7.6	28	Y	10.2
10	2127	1.30	557	724	19.6	7.8	38	Y	10.4
11	634	1.30	555	722	19.6	7.7	38	Y	10.5
12	1704	1.38	374	516	19.9	7.6	38	Y	15.5
13	1058	1.39	384	533	19.4	7.6	38	Y	15.1
14	2143	1.37	385	527	19.5	7.6	38	Y	15.1
15	1656	1.36	385	523	19.4	7.6	38	Y	15.1
16	1745	1.47	387	568	19.6	7.5	32	Y	15.0
17	1959	1.45	384	556	20.2	7.5	24	Y	15.1
18	1001	1.26	386	486	19.7	7.5	31	Y	15.0
19	1153	1.30	386	502	18.6	7.5	31	Y	15.0
20	906	1.28	372	476	19.0	7.5	31	Y	15.6
21	731	1.31	384	503	18.5	7.6	38	Y	15.1
22	1801	1.28	390	500	19.2	7.4	31	Y	14.9
23	1936	1.30	387	503	19.9	7.6	38	Y	15.0
24	1312	1.27	387	491	20.8	7.6	28	Y	15.0
25	1403	1.24	374	464	20.2	7.6	28	Y	15.5
26	1350	1.27	363	460	20.7	7.5	23	Y	16.0
27	909	1.42	363	515	20.2	7.5	24	Y	16.0
28	1622	1.33	430	571	20.0	7.5	23	Y	13.5
29	1921	1.32	469	619	19.1	7.5	31	Y	12.4
30	1451	1.36	430	584	19.0	7.5	31	Y	13.5
31	1547	1.34	414	555	19.4	7.5	31	Y	14.0

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

OHA-Drinking Water Program- Surface Water Quality Form							County	Marion		
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		August,2022			
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	1659	1.52	262	398	20.1	7.4	24	Y	32.5	
2	2014	1.36	263	358	20.1	7.4	23	Y	32.4	
3	1723	1.21	261	316	19.9	7.4	31	Y	32.6	
4	906	1.20	262	315	19.7	7.3	31	Y	32.5	
5	840	1.59	262	416	19.6	7.6	38	Y	32.6	
6	1811	1.20	268	322	19.6	7.5	31	Y	31.8	
7	1749	1.20	270	325	19.3	7.5	31	Y	31.5	
8	1804	1.31	263	344	19.3	7.4	31	Y	32.4	
9	1116	1.16	261	303	19.2	7.6	37	Y	32.6	
10	1939	1.15	265	305	19.0	7.7	37	Y	32.1	
11	1822	1.33	267	355	18.9	7.7	38	Y	31.9	
12	1754	1.41	266	375	19.2	7.6	39	Y	32.0	
13	1239	1.52	312	474	18.9	7.6	39	Y	27.3	
14	2037	1.51	313	473	18.8	7.6	39	Y	27.2	
15	1946	1.46	312	455	20.5	7.6	29	Y	27.4	
16	1833	1.50	304	456	19.0	7.5	32	Y	28.0	
17	1958	1.45	308	447	19.3	7.5	32	Y	27.7	
18	1001	1.34	309	414	19.0	7.5	31	Y	27.6	
19	613	1.36	309	420	18.6	7.5	31	Y	27.6	
20	1751	1.35	309	417	18.9	7.5	31	Y	27.6	
21	1838	1.40	313	438	18.6	7.5	31	Y	27.3	
22	1755	1.27	309	393	18.8	7.6	38	Y	27.5	
23	2344	1.27	310	393	19.1	7.6	38	Y	27.5	
24	136	1.25	304	380	19.6	7.6	38	Y	28.0	
25	1826	1.30	304	396	19.5	7.6	38	Y	28.0	
26	1200	1.32	304	402	19.8	7.5	31	Y	28.0	
27	18	1.51	299	451	19.6	7.5	31	Y	28.5	
28	1719	1.40	299	419	19.3	7.6	38	Y	28.5	
29	1833	1.41	318	448	18.8	7.6	38	Y	26.8	
30	1532	1.45	299	433	18.7	7.4	32	Y	28.5	
31	1659	1.36	304	414	18.9	7.6	38	Y	28.0	

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

Report Date: Sep 06, 2022



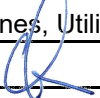
## Chlorine/Turbidity/CT Summary Report

<b>PWS ID#:</b>	<b>4100731</b>	<b>Sample Period:</b>	<b>August 2022</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>	9/6/2022
<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: September 7, 2022