

PWS ID # 4100731

Sample Period: November 2023

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
11/1/2023	0.05	22.6	1.13	0.59	56
11/2/2023	0.06	22.5	1.18	0.60	56
11/3/2023	0.06	22.7	1.21	0.59	56
11/4/2023	0.06	22.6	1.13	0.59	56
11/5/2023	0.07	22.4	1.07	0.59	56
11/6/2023	0.06	22.4	1.02	0.59	56
11/7/2023	0.09	22.3	1.07	0.59	56
11/8/2023	0.08	22.3	1.26	0.58	56
11/9/2023	0.07	22.5	1.23	0.57	56
11/10/2023	0.05	22.4	1.31	0.57	56
11/11/2023	0.05	22.6	1.24	0.58	56
11/12/2023	0.05	22.7	1.30	0.58	56
11/13/2023	0.05	22.6	1.34	0.58	56
11/14/2023	0.05	22.5	1.38	0.57	56
11/15/2023	0.05	22.7	1.42	0.56	56
11/16/2023	0.05	22.7	1.37	0.57	56
11/17/2023	0.05	22.5	1.29	0.57	56
11/18/2023	0.09	22.5	1.29	0.58	56
11/19/2023	0.05	22.5	1.25	0.58	56
11/20/2023	0.05	22.7	1.27	0.58	57
11/21/2023	0.05	22.6	1.14	0.58	56
11/22/2023	0.05	22.7	1.08	0.58	56
11/23/2023	0.05	22.5	1.15	0.58	56
11/24/2023	0.05	22.2	1.22	0.58	55
11/25/2023	0.06	22.3	0.89	0.58	55
11/26/2023	0.05	22.5	0.87	0.58	56
11/27/2023	0.05	22.8	1.09	0.58	57
11/28/2023	0.07	23.0	1.12	0.58	58
11/29/2023	0.04	22.9	1.30	0.58	58
11/30/2023	0.04	23.4	1.32	0.58	60
Total		677.3			1,688
Average	0.06	22.6	1.20	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

November,2023

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	2335	1.20	425	510	11.2	7.7	55	Y	13.7
2	27	1.18	417	492	12.3	7.8	55	Y	13.9
3	24	1.21	421	509	12.8	7.7	57	Y	13.8
4	208	1.16	430	498	13.4	7.7	55	Y	13.5
5	1541	1.09	430	468	14.0	7.8	55	Y	13.5
6	1348	1.10	430	473	13.5	7.6	55	Y	13.5
7	946	1.08	421	455	13.3	7.5	46	Y	13.8
8	1458	1.31	418	548	12.7	7.4	47	Y	13.9
9	1129	1.25	420	525	12.8	7.3	47	Y	13.8
10	123	1.32	422	557	12.4	7.3	47	Y	13.7
11	2103	1.35	430	580	12.5	7.4	47	Y	13.5
12	405	1.30	430	559	12.6	7.4	47	Y	13.5
13	231	1.45	414	601	12.7	7.4	48	Y	14.0
14	1219	1.38	414	572	12.4	7.3	47	Y	14.0
15	134	1.42	414	588	12.6	7.4	48	Y	14.0
16	2201	1.47	416	611	11.9	7.4	48	Y	14.0
17	1759	1.29	414	534	11.9	7.4	47	Y	14.0
18	2357	1.29	418	539	12.1	7.5	47	Y	13.9
19	1720	1.25	417	521	12.4	7.5	47	Y	13.9
20	153	1.27	418	531	11.4	7.5	47	Y	13.9
21	2145	1.14	421	480	11.1	7.6	55	Y	13.8
22	118	1.14	422	481	11.0	7.5	46	Y	13.7
23	1449	1.24	420	520	11.3	7.5	47	Y	13.8
24	151	1.22	426	520	11.1	7.5	47	Y	13.6
25	2347	0.89	430	382	10.6	7.6	54	Y	13.5
26	55	0.87	430	374	10.4	7.7	54	Y	13.5
27	5	1.21	430	520	9.3	7.5	62	Y	13.5
28	221	1.35	414	559	9.3	7.5	62	Y	14.0
29	2118	1.30	430	559	9.2	7.6	76	Y	13.5
30	829	1.33	430	571	8.9	7.5	62	Y	13.5

* 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		November,2023	
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	132	1.13	893	1,009	12.2	7.7	55	Y	9.5
2	1428	1.24	898	1,113	12.5	7.7	57	Y	9.5
3	1606	1.21	896	1,084	12.5	7.7	57	Y	9.5
4	1413	1.13	897	1,013	13.1	7.7	55	Y	9.5
5	2352	1.07	897	960	13.8	7.7	55	Y	9.5
6	1001	1.02	897	915	13.4	7.7	55	Y	9.5
7	1006	1.07	925	990	13.4	7.6	55	Y	9.2
8	1333	1.26	936	1,180	13.1	7.5	47	Y	9.1
9	1201	1.23	940	1,157	12.9	7.5	47	Y	9.1
10	8	1.31	908	1,190	12.2	7.4	47	Y	9.4
11	1730	1.24	897	1,112	12.6	7.4	47	Y	9.5
12	22053	1.34	897	1,202	12.6	7.5	47	Y	9.5
13	356	1.34	897	1,202	12.6	7.5	47	Y	9.5
14	2139	1.42	609	864	12.5	7.4	48	Y	14.0
15	32	1.44	609	876	12.5	7.5	48	Y	14.0
16	1302	1.37	927	1,270	12.3	7.4	48	Y	9.2
17	1206	1.32	897	1,184	12.3	7.5	47	Y	9.5
18	439	1.32	899	1,186	12.3	7.6	57	Y	9.5
19	1514	1.32	903	1,191	12.4	7.5	47	Y	9.4
20	346	1.33	896	1,191	11.9	7.5	47	Y	9.5
21	2354	1.18	894	1,055	11.8	7.6	55	Y	9.5
22	1904	1.08	925	999	11.6	7.6	55	Y	9.2
23	1111	1.15	964	1,108	11.4	7.6	55	Y	8.8
24	513	1.32	929	1,226	11.4	7.6	57	Y	9.2
25	702	1.12	852	954	10.6	7.6	55	Y	10.0
26	917	1.03	852	878	10.6	7.7	55	Y	10.0
27	1014	1.09	852	929	10.4	7.6	55	Y	10.0
28	830	1.12	710	795	10.1	7.6	55	Y	12.0
29	2343	1.38	811	1,120	9.8	7.6	76	Y	10.5
30	1817	1.32	710	937	9.6	7.5	62	Y	12.0

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

Report Date: Dec 04, 2023




Chlorine/Turbidity/CT Summary Report

PWS ID#:	4100731	Sample Period:	November 2023
System Name:	<i>Salem Public Works Department</i>	Laboratory Results:	<i>Willow Lake Lab</i>
Address:	1410 20th St SE, Bldg 2 Salem OR 97302	OHD-Certified Lab	OR100010
Contact Person:	Dwayne Barnes, Utility Operations Manager	Date Report Issued:	12/4/2023
Contact Number:	503-588-6483	Contact Person:	Paul Mitchell
Source Water:	North Santiam River	Contact Number:	503-588-6380
Treatment Type:	Slow Sand Filtration	Sampler:	Treatment Operators
Sample Location:	Aldersgate and Geren Island	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: December 7, 2023