

PWS ID # 4100731

Sample Period: April 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
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
4/1/2024	0.16	29.4	1.28	0.63	81
4/2/2024	0.06	30.2	1.26	0.66	84
4/3/2024	0.10	29.2	1.28	0.65	81
4/4/2024	0.09	28.8	1.24	0.65	80
4/5/2024	0.13	27.0	1.16	0.65	74
4/6/2024	0.07	25.7	1.13	0.63	70
4/7/2024	0.09	25.6	1.25	0.62	69
4/8/2024	0.17	25.7	1.23	0.62	69
4/9/2024	0.09	26.5	1.25	0.65	71
4/10/2024	0.14	27.1	1.20	0.66	74
4/11/2024	0.09	26.8	1.18	0.66	72
4/12/2024	0.10	26.9	1.26	0.65	73
4/13/2024	0.10	26.8	1.28	0.66	73
4/14/2024	0.07	26.7	1.26	0.66	73
4/15/2024	0.07	27.0	1.26	0.67	73
4/16/2024	0.07	26.1	1.07	0.62	69
4/17/2024	0.06	25.3	0.88	0.61	69
4/18/2024	0.07	26.7	1.25	0.53	73
4/19/2024	0.07	27.2	1.31	0.59	74
4/20/2024	0.06	28.1	1.30	0.60	76
4/21/2024	0.06	28.2	1.41	0.60	77
4/22/2024	0.06	28.3	1.43	0.62	77
4/23/2024	0.06	28.4	1.28	0.61	77
4/24/2024	0.06	29.8	1.34	0.61	81
4/25/2024	0.05	30.7	1.34	0.62	84
4/26/2024	0.05	30.5	1.37	0.63	83
4/27/2024	0.05	30.1	1.28	0.62	82
4/28/2024	0.05	30.0	1.21	0.63	82
4/29/2024	0.05	29.7	1.18	0.63	81
4/30/2024	0.05	29.5	1.20	0.61	80
Total		837.7			2,282
Average	0.08	27.9	1.25	0.63	76

*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		April,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	1703	1.30	464	603	9.7	7.6	76	Y	18.4	
2	1731	1.29	461	594	9.9	7.6	76	Y	18.5	
3	1449	1.28	461	589	10.1	7.6	57	Y	18.5	
4	502	1.34	523	701	10.2	7.7	57	Y	16.3	
5	1607	1.34	518	694	10.8	7.7	57	Y	16.4	
6	1015	1.28	737	943	9.6	7.7	76	Y	11.6	
7	1420	1.29	674	869	9.6	7.5	62	Y	12.6	
8	1432	1.28	723	926	9.5	7.6	76	Y	11.8	
9	724	1.28	647	828	9.8	7.5	62	Y	13.2	
10	1635	1.38	757	1,044	10.0	7.5	47	Y	11.3	
11	1108	1.36	807	1,097	10.1	7.5	47	Y	10.6	
12	1449	1.29	794	1,024	10.5	7.5	47	Y	10.7	
13	1421	1.37	852	1,167	10.8	7.4	47	Y	10.0	
14	1618	1.28	811	1,039	10.8	7.4	47	Y	10.5	
15	1522	1.31	811	1,063	10.7	7.5	47	Y	10.5	
16	1606	1.31	626	821	10.9	7.5	47	Y	13.6	
17	1043	1.23	787	968	11.0	7.6	57	Y	10.8	
18	429	1.30	682	886	11.4	7.6	57	Y	12.5	
19	1033	1.40	710	994	11.0	7.6	58	Y	12.0	
20	1312	1.37	852	1,167	11.2	7.6	57	Y	10.0	
21	1518	1.43	852	1,218	11.9	7.6	58	Y	10.0	
22	52	1.43	852	1,218	11.3	7.4	47	Y	10.0	
23	1422	1.29	852	1,099	11.3	7.6	57	Y	10.0	
24	1645	1.35	674	910	11.5	7.6	57	Y	12.6	
25	1644	1.35	668	902	12.6	7.4	47	Y	12.8	
26	708	1.37	487	667	11.7	7.5	47	Y	17.5	
27	1648	1.39	548	762	11.5	7.4	47	Y	15.5	
28	1951	1.23	547	673	11.4	7.5	47	Y	15.6	
29	1318	1.25	551	689	11.3	7.5	47	Y	15.5	
30	501	1.24	525	651	11.3	7.6	57	Y	16.2	

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

Report Date: May 06, 2024

OHA-Drinking Water Program- Surface Water Quality Form								County	Marion
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		April,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	122	1.28	365	467	9.6	7.5	62	Y	15.9
2	15	1.26	363	457	9.9	7.5	62	Y	16.0
3	216	1.31	414	543	10.3	7.6	57	Y	14.0
4	349	1.24	394	488	10.5	7.6	57	Y	14.7
5	2255	1.16	390	453	10.7	7.6	55	Y	14.9
6	39	1.13	390	441	9.8	7.6	74	Y	14.9
7	353	1.25	393	491	9.1	7.5	62	Y	14.8
8	2234	1.23	398	490	9.3	7.5	62	Y	14.6
9	125	1.25	348	435	9.7	7.5	62	Y	16.7
10	2022	1.20	346	415	10.1	7.4	46	Y	16.8
11	2207	1.18	345	407	10.3	7.4	46	Y	16.8
12	138	1.26	344	434	10.7	7.3	47	Y	16.9
13	1710	1.28	341	437	11.0	7.3	47	Y	17.0
14	2210	1.26	352	443	10.8	7.4	47	Y	16.5
15	133	1.26	352	443	10.9	7.4	47	Y	16.5
16	2242	1.07	344	368	11.0	7.3	46	Y	16.9
17	1902	0.88	381	336	10.9	7.4	45	Y	15.2
18	2050	1.25	341	426	11.6	7.3	47	Y	17.0
19	2007	1.31	322	422	11.1	7.4	47	Y	18.0
20	3	1.30	322	419	11.4	7.4	47	Y	18.0
21	1522	1.41	322	454	11.4	7.4	48	Y	18.0
22	131	1.47	314	461	11.4	7.4	48	Y	18.5
23	332	1.28	314	401	11.6	7.4	47	Y	18.5
24	1712	1.34	316	424	11.8	7.4	47	Y	18.3
25	32	1.34	313	419	12.6	7.4	47	Y	18.5
26	202	1.39	314	436	11.7	7.4	47	Y	18.5
27	2346	1.28	380	487	11.3	7.3	47	Y	15.3
28	2343	1.21	385	466	10.9	7.5	47	Y	15.1
29	2257	1.18	385	454	10.9	7.5	46	Y	15.1
30	32	1.20	393	471	10.8	7.5	46	Y	14.8

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

Report Date: May 06, 2024



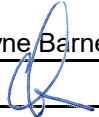
Chlorine/Turbidity/CT Summary Report

PWS ID#:	4100731	Sample Period:	April 2024
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:	5/6/2024
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: May 6, 2024