

PWS ID # 4100731

Sample Period: November 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
11/1/2024	0.04	22.8	1.23	0.66	69
11/2/2024	0.06	22.9	1.29	0.65	71
11/3/2024	0.04	24.5	0.98	0.68	74
11/4/2024	0.04	23.0	1.12	0.67	69
11/5/2024	0.04	23.0	1.02	0.68	69
11/6/2024	0.04	22.9	1.06	0.67	68
11/7/2024	0.05	22.9	1.00	0.67	68
11/8/2024	0.05	22.9	0.91	0.64	68
11/9/2024	0.05	22.9	1.04	0.65	68
11/10/2024	0.05	21.4	1.12	0.65	63
11/11/2024	0.04	22.2	1.13	0.64	68
11/12/2024	0.04	22.6	1.21	0.66	71
11/13/2024	0.04	21.2	1.17	0.67	64
11/14/2024	0.04	21.2	1.21	0.67	64
11/15/2024	0.04	21.2	1.18	0.65	64
11/16/2024	0.04	21.3	1.25	0.66	64
11/17/2024	0.04	19.0	1.22	0.66	55
11/18/2024	0.04	23.2	1.16	0.64	72
11/19/2024	0.04	25.2	1.23	0.67	78
11/20/2024	0.04	24.3	1.09	0.70	75
11/21/2024	0.04	24.9	1.04	0.69	76
11/22/2024	0.04	24.9	1.04	0.67	75
11/23/2024	0.04	24.9	1.04	0.68	75
11/24/2024	0.04	24.9	1.11	0.66	76
11/25/2024	0.04	24.9	1.16	0.71	78
11/26/2024	0.04	25.0	1.15	0.69	75
11/27/2024	0.04	24.9	1.14	0.66	75
11/28/2024	0.04	24.9	1.19	0.69	75
11/29/2024	0.04	24.9	1.14	0.67	75
11/30/2024	0.04	24.8	1.13	0.67	74
Total		699.5			2,116
Average	0.04	23.3	1.13	0.67	

*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,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	1238	1.30	563	731	12.5	7.3	47	Y	17.5	
2	7	1.31	493	646	12.4	7.3	47	Y	20.0	
3	314	0.98	483	473	12.3	7.4	45	Y	20.4	
4	1448	1.26	617	777	12.3	7.3	47	Y	16.0	
5	1324	1.02	580	592	12.2	7.3	46	Y	17.0	
6	414	1.06	580	615	11.9	7.3	46	Y	17.0	
7	2348	1.00	580	580	11.8	7.5	45	Y	17.0	
8	2248	0.91	593	540	11.9	7.4	45	Y	16.6	
9	1624	1.04	598	622	12.4	7.4	46	Y	16.5	
10	341	1.13	593	671	12.0	7.4	46	Y	16.6	
11	20	1.17	548	641	12.0	7.4	46	Y	18.0	
12	800	1.25	533	666	12.1	7.4	47	Y	18.5	
13	2202	1.17	662	775	12.3	7.5	46	Y	14.9	
14	2359	1.21	637	770	11.9	7.5	47	Y	15.5	
15	400	1.18	658	776	12.2	7.3	46	Y	15.0	
16	651	1.25	662	828	11.7	7.4	47	Y	14.9	
17	2243	1.22	666	812	11.5	7.3	47	Y	14.8	
18	1605	1.16	523	606	11.3	7.5	46	Y	18.9	
19	2350	1.23	524	644	11.2	7.5	47	Y	18.8	
20	1714	1.12	525	588	10.7	7.4	46	Y	18.8	
21	2359	1.04	533	554	10.5	7.5	46	Y	18.5	
22	204	1.04	534	555	10.5	7.6	55	Y	18.5	
23	322	1.04	533	555	10.6	7.6	55	Y	18.5	
24	327	1.11	533	592	10.7	7.4	46	Y	18.5	
25	208	1.16	533	619	10.5	7.5	46	Y	18.5	
26	315	1.15	533	613	10.5	7.5	46	Y	18.5	
27	243	1.14	535	610	10.3	7.5	46	Y	18.5	
28	30	1.20	533	639	10.3	7.4	46	Y	18.5	
29	952	1.20	533	639	10.0	7.6	55	Y	18.5	
30	2355	1.19	533	634	9.9	7.6	74	Y	18.5	

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

Report Date: Dec 05, 2024

OHA-Drinking Water Program- Surface Water Quality Form							County	Marion		
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr	November,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	1628	1.23	651	801	13.1	7.4	47	Y	6.8	
2	1014	1.29	371	479	13.0	7.4	47	Y	12.0	
3	1010	1.04	436	453	9.5	7.4	61	Y	10.2	
4	1409	1.12	636	712	12.8	7.3	46	Y	7.0	
5	1726	1.05	594	623	12.8	7.3	46	Y	7.5	
6	808	1.09	594	647	12.5	7.4	46	Y	7.5	
7	2348	1.14	636	725	12.4	7.5	46	Y	7.0	
8	305	1.09	668	729	12.4	7.4	46	Y	6.7	
9	1319	1.05	657	689	12.4	7.5	46	Y	6.8	
10	245	1.12	486	544	12.3	7.4	46	Y	9.2	
11	0	1.13	636	719	12.3	7.5	46	Y	7.0	
12	1021	1.21	434	525	12.4	7.4	47	Y	10.3	
13	237	1.35	633	855	12.4	7.6	57	Y	7.0	
14	2359	1.28	636	814	12.3	7.5	47	Y	7.0	
15	747	1.24	594	736	12.2	7.4	47	Y	7.5	
16	1116	1.25	647	809	12.0	7.4	47	Y	6.9	
17	2135	1.24	627	778	12.1	7.4	47	Y	7.1	
18	936	1.23	474	583	11.7	7.5	47	Y	9.4	
19	1609	1.45	626	908	11.6	7.4	48	Y	7.1	
20	2210	1.09	564	614	11.3	7.5	46	Y	7.9	
21	2346	1.08	588	635	11.1	7.6	55	Y	7.6	
22	635	1.04	603	627	11.0	7.7	55	Y	7.4	
23	1522	1.14	636	725	11.1	7.7	55	Y	7.0	
24	1031	1.17	636	744	10.7	7.5	46	Y	7.0	
25	655	1.18	636	750	10.5	7.5	47	Y	7.0	
26	415	1.22	618	754	10.1	7.4	47	Y	7.2	
27	748	1.16	643	746	10.7	7.5	47	Y	6.9	
28	552	1.19	639	760	10.5	7.6	57	Y	7.0	
29	1528	1.14	639	728	10.3	7.6	57	Y	7.0	
30	119	1.13	600	678	10.1	7.6	57	Y	7.4	

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

Report Date: Dec 05, 2024




Chlorine/Turbidity/CT Summary Report

PWS ID#: 4100731 System Name: <i>Salem Public Works Department</i> Address: 1410 20th St SE, Bldg 2 Salem OR 97302 Contact Person: Dwayne Barnes, Utility Operations Manager Contact Number: 503-588-6483 Source Water: North Santiam River Treatment Type: Slow Sand Filtration Sample Location: Aldersgate and Geren Island	Sample Period: November 2024 Laboratory Results: <i>Willow Lake Lab</i> OHD-Certified Lab: OR100010 Date Report Issued: 12/5/2024 Contact Person: Paul Mitchell Contact Number: 503-588-6380 Sampler: Treatment Operators Sample Date: As reported Source ID #: EP-A and WTP-A
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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 5, 2024