

PWS ID # 4100731

Sample Period: May 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
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
5/1/2022	0.09	21.6	1.39	0.61	56
5/2/2022	0.09	21.4	1.49	0.62	38
5/3/2022	0.08	21.4	1.42	0.60	55
5/4/2022	0.07	21.4	1.14	0.61	55
5/5/2022	0.06	21.4	1.40	0.60	55
5/6/2022	0.06	21.4	1.45	0.60	55
5/7/2022	0.06	20.6	1.34	0.59	53
5/8/2022	0.06	19.3	1.34	0.60	47
5/9/2022	0.06	19.3	1.41	0.58	47
5/10/2022	0.06	20.1	1.45	0.58	50
5/11/2022	0.06	23.2	1.33	0.61	60
5/12/2022	0.06	25.0	1.31	0.63	66
5/13/2022	0.07	22.8	1.28	0.63	60
5/14/2022	0.07	22.8	1.43	0.63	59
5/15/2022	0.07	22.5	1.45	0.63	59
5/16/2022	0.07	22.2	1.23	0.64	57
5/17/2022	0.08	20.4	1.39	0.64	52
5/18/2022	0.07	19.5	1.29	0.62	49
5/19/2022	0.07	19.5	1.35	0.61	49
5/20/2022	0.06	19.4	1.22	0.61	48
5/21/2022	0.06	19.5	1.36	0.60	48
5/22/2022	0.07	19.7	1.24	0.62	50
5/23/2022	0.08	20.7	1.48	0.62	53
5/24/2022	0.07	22.4	1.27	0.62	59
5/25/2022	0.09	24.5	1.09	0.64	64
5/26/2022	0.07	26.4	1.35	0.65	72
5/27/2022	0.07	26.2	1.37	0.65	70
5/28/2022	0.06	25.8	1.49	0.66	69
5/29/2022	0.06	22.2	1.63	0.66	58
5/30/2022	0.06	19.7	1.44	0.62	50
5/31/2022	0.06	21.0	1.31	0.63	54
Total		673.3			1,717
Average	0.07	21.7	1.4	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		May,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	2056	1.44	548	789	12.4	7.5	48	Y	10.6	
2	808	1.44	592	852	11.4	7.5	48	Y	9.8	
3	2025	1.38	586	809	12.8	7.4	47	Y	9.9	
4	2202	1.36	580	789	13.2	7.5	47	Y	10.0	
5	912	1.34	580	777	11.0	7.6	57	Y	10.0	
6	2318	1.46	580	847	11.6	7.4	48	Y	10.0	
7	251	1.39	580	806	11.5	7.4	47	Y	10.0	
8	1637	1.46	580	847	10.9	7.4	48	Y	10.0	
9	627	1.46	580	847	12.1	7.4	48	Y	10.0	
10	2038	1.45	527	765	11.4	7.4	48	Y	11.0	
11	1129	1.36	352	478	12.2	7.5	47	Y	16.5	
12	2134	1.31	352	461	11.5	7.5	47	Y	16.5	
13	1220	1.27	421	535	11.3	7.5	47	Y	13.8	
14	1420	1.28	580	742	10.8	7.5	47	Y	10.0	
15	46	1.37	580	795	12.0	7.5	47	Y	10.0	
16	150	1.58	580	916	11.6	7.6	58	Y	10.0	
17	1901	1.36	567	771	10.1	7.6	57	Y	10.2	
18	332	1.47	580	853	11.9	7.7	58	Y	10.0	
19	2131	1.47	580	853	12.9	7.7	58	Y	10.0	
20	357	1.45	580	841	11.0	7.6	58	Y	10.0	
21	948	1.46	584	853	12.0	7.7	58	Y	9.9	
22	1725	1.44	580	835	15.0	7.6	39	Y	10.0	
23	714	1.46	580	847	19.8	7.6	39	Y	10.0	
24	2124	1.49	580	864	13.0	7.4	48	Y	10.0	
25	2301	1.41	430	607	13.0	7.4	48	Y	13.5	
26	135	1.39	331	461	13.8	7.6	57	Y	17.5	
27	1111	1.41	331	467	13.9	7.5	48	Y	17.5	
28	321	1.52	352	534	13.4	7.4	48	Y	16.5	
29	331	1.55	552	856	13.8	7.4	48	Y	10.5	
30	2011	1.50	552	829	12.4	7.4	48	Y	10.5	
31	2059	1.50	341	512	13.6	7.4	48	Y	17.0	

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

Report Date: Jun 06, 2022

OHA-Drinking Water Program- Surface Water Quality Form							County	Marion		
Salem Public Works		ID# OR4100731	WTP-A		Mo/Yr		May,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	1514	1.39	705	980	12.0	7.6	57	Y	12.1	
2	56	1.49	705	1,051	10.9	7.6	58	Y	12.1	
3	1943	1.42	696	988	11.0	7.5	48	Y	12.2	
4	425	1.14	682	777	12.4	7.5	46	Y	12.5	
5	406	1.40	682	954	11.0	7.6	57	Y	12.5	
6	19	1.45	682	988	11.1	7.6	58	Y	12.5	
7	1814	1.34	631	846	11.4	7.5	47	Y	13.5	
8	9	1.34	631	846	10.8	7.5	47	Y	13.5	
9	300	1.41	631	890	12.6	7.6	58	Y	13.5	
10	2011	1.45	741	1,074	11.0	7.4	48	Y	11.5	
11	1954	1.33	568	755	11.2	7.7	57	Y	15.0	
12	2313	1.31	710	930	11.5	7.7	57	Y	12.0	
13	1420	1.28	849	1,087	11.6	7.6	57	Y	10.0	
14	7	1.43	631	902	10.8	7.5	48	Y	13.5	
15	13	1.45	631	915	11.6	7.7	58	Y	13.5	
16	1843	1.23	682	838	11.2	7.7	57	Y	12.5	
17	1827	1.39	682	947	11.6	7.8	57	Y	12.5	
18	1212	1.29	682	879	11.5	7.9	57	Y	12.5	
19	21	1.35	826	1,114	12.3	7.7	57	Y	10.3	
20	700	1.22	852	1,039	11.5	7.6	57	Y	10.0	
21	1901	1.36	833	1,133	11.8	7.7	57	Y	10.2	
22	1535	1.24	811	1,006	12.0	7.8	57	Y	10.5	
23	1248	1.48	811	1,201	17.3	7.8	39	Y	10.5	
24	1240	1.27	811	1,030	12.7	7.6	57	Y	10.5	
25	1647	1.09	633	690	13.7	7.5	46	Y	13.5	
26	1323	1.35	811	1,095	14.7	7.8	57	Y	10.5	
27	2043	1.37	811	1,112	13.4	7.7	57	Y	10.5	
28	307	1.49	775	1,154	13.2	7.7	58	Y	11.0	
29	1113	1.63	568	926	13.0	7.5	49	Y	15.0	
30	2030	1.44	852	1,227	12.4	7.6	58	Y	10.0	
31	2143	1.31	897	1,175	12.9	7.6	57	Y	9.5	

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

Report Date: Jun 06, 2022



Chlorine/Turbidity/CT Summary Report

PWS ID#:	4100731	Sample Period:	May 2022
System Name:	Salem Public Works Department	Laboratory Results:	Willow Lake Lab
Address:	1410 20th St SE, Bldg 2 Salem OR 97302	OHD-Certified Lab	OR100010
Contact Person:	Dwayne Barnes, Utility Operations Manager	Date Report Issued:	6/8/2022
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: June 9, 2022