

OHA - Drinking Water Program - Turbidity Monitoring Report Form Columbia County

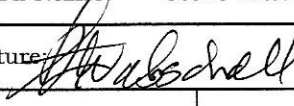
Membrane Filtration

St. Helens PWS ID #4100724 WTP -: A

November

2022

DAY	DATE	12 AM (NTU) [AIT-4001]	4 AM (NTU) [AIT-4001]	8 AM (NTU) [AIT-4001]	12 PM (NTU) [AIT-4001]	4 PM (NTU) [AIT-4001]	8 PM (NTU) [AIT-4001]	Filter Effluent Max Turbidity (NTU) [AIT-4001]
1	11/01/22	no	0.014	no	0.014	no	0.014	0.014
2	11/02/22	no	no	0.014	no	0.014	no	0.014
3	11/03/22	0.014	no	no	0.014	no	no	0.014
4	11/04/22	no	no	0.014	no	0.014	no	0.014
5	11/05/22	no	0.014	no	0.015	no	0.015	0.014
6	11/06/22	0.014	no	0.015	no	0.014	no	0.014
7	11/07/22	0.014	no	0.014	no	no	no	0.014
8	11/08/22	no	0.015	no	no	no	no	0.015
9	11/09/22	0.015	no	0.015	no	no	0.014	0.014
10	11/10/22	no	no	no	0.015	0.018	no	0.015
11	11/11/22	0.015	no	0.015	no	no	no	0.015
12	11/12/22	no	0.015	no	0.015	no	0.015	0.015
13	11/13/22	no	no	0.015	no	0.015	no	0.015
14	11/14/22	no	no	no	0.016	no	no	0.016
15	11/15/22	no	no	0.015	no	0.015	no	0.015
16	11/16/22	no	0.015	no	0.015	no	0.015	0.015
17	11/17/22	no	no	0.015	no	0.015	no	0.015
18	11/18/22	no	0.015	no	0.015	no	0.016	0.015
19	11/19/22	no	no	0.015	no	0.016	no	0.015
20	11/20/22	no	no	no	0.015	no	0.015	0.015
21	11/21/22	no	no	0.015	no	no	no	0.015
22	11/22/22	no	0.016	no	0.016	no	no	0.016
23	11/23/22	0.016	no	0.015	no	0.016	no	0.015
24	11/24/22	no	no	no	0.015	no	no	0.015
25	11/25/22	0.015	no	no	0.015	no	0.015	0.015
26	11/26/22	no	no	0.016	no	0.015	no	0.015
27	11/27/22	no	no	no	0.015	no	no	0.015
28	11/28/22	no	no	no	no	no	0.015	0.015
29	11/29/22	no	0.016	no	no	0.015	no	0.015
30	11/30/22	0.015	no	no	0.015	no	0.015	0.015

Slow Sand/Membrane/DE Filtration/Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / No	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No	All CL2 residual at entry point > 0.2 mg/l? <input checked="" type="radio"/> Yes / No
All turbidity readings < 5 NTU? <input checked="" type="radio"/> Yes / No		
Notes	Printed Name: Steve Wabschall	
	Signature: 	Date: 12/9/2022
	Phone #: (503) 397-1311	Opr. Cert. # 2265

OHA - Drinking Water Program - Surface Water Quality Data Form

St Helens Oregon

PWS#4100724 WFP - A

Month:

November

Year:

2022

DAY	DATE	Time of Peak Flow	Minimum Chlorine Residual (mg/L) C [AIT-4705]	Contact Time T (min)	Actual Minimum CXT	Temp. (Deg. C) [TIT-4008]	pH [AIT-4713]	Required CT from tables (0.5-log)	CT Met? Yes/No	Peak Hourly Demand Flow (GPM)
1	11/01/22	21:59	0.80	84	67.8	14.1	7.8	26	Yes	2770
2	11/02/22	8:59	0.76	86	65.3	14.1	7.7	26	Yes	2732
3	11/03/22	23:59	0.76	84	63.5	13.8	7.5	26	Yes	2794
4	11/04/22	17:59	0.76	85	64.3	14.1	7.6	26	Yes	2762
5	11/05/22	22:59	0.74	84	62.1	14.2	7.8	26	Yes	2778
6	11/06/22	8:59	0.73	85	61.8	14.1	7.7	26	Yes	2753
7	11/07/22	9:59	0.72	82	59.0	14.1	7.8	26	Yes	2842
8	11/08/22	6:59	0.70	85	59.9	14.1	7.8	26	Yes	2745
9	11/09/22	19:59	0.72	84	60.5	14.1	7.6	26	Yes	2786
10	11/10/22	16:59	0.70	85	60.0	14.1	7.6	26	Yes	2744
11	11/11/22	0:59	0.72	85	60.8	14.1	7.4	22	Yes	2757
12	11/12/22	22:59	0.73	85	62.2	14.0	7.5	22	Yes	2753
13	11/13/22	9:59	0.71	84	60.0	13.9	7.5	22	Yes	2772
14	11/14/22	14:59	0.73	82	59.7	14.0	7.6	26	Yes	2839
15	11/15/22	17:59	0.73	85	62.2	14.0	7.7	26	Yes	2762
16	11/16/22	13:59	0.72	86	62.4	13.9	7.5	22	Yes	2714
17	11/17/22	19:59	0.71	86	61.8	13.9	7.6	26	Yes	2705
18	11/18/22	5:59	0.77	85	66.0	13.9	7.6	26	Yes	2741
19	11/19/22	9:59	0.79	83	65.9	13.8	7.8	26	Yes	2801
20	11/20/22	21:59	0.80	84	66.6	13.8	7.9	26	Yes	2794
21	11/21/22	20:59	0.77	86	66.7	13.8	7.8	26	Yes	2715
22	11/22/22	14:59	0.79	83	65.6	13.9	7.8	26	Yes	2806
23	11/23/22	18:59	0.79	85	67.3	13.9	7.7	26	Yes	2739
24	11/24/22	3:59	0.78	85	66.5	13.8	7.8	26	Yes	2736
25	11/25/22	0:59	0.76	85	64.7	13.8	7.9	26	Yes	2744
26	11/26/22	8:59	0.76	86	65.3	13.8	8.0	26	Yes	2715
27	11/27/22	13:59	0.77	86	65.9	13.8	7.9	26	Yes	2718
28	11/28/22	20:59	0.76	85	65.0	13.8	7.9	26	Yes	2735
29	11/29/22	6:59	0.77	86	66.3	13.8	7.8	26	Yes	2713
30	11/30/22	11:59	0.75	86	64.2	13.7	7.7	26	Yes	2726

Notes:

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Clearwell Baffling Factor = 0.541

Min Clearwell Level = 432206 gallons 1

1 25.2' Pause level multiplied by 17155 gal/foot