

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Linn

Conventional Filtration

Sweet Home, City of

I.D. # OR4100851

WTP: WTP-B

Month of May-23

Required Log Inactivation: 0.5

DATE	TURBIDITY						Highest Reading of Day ¹ (NTU)	Peak Hourly Demand Flow (gpm)	Min. Cl ₂ Res. at 1st user Mg/L (C) ³	CONTACT TIME MIN. (T)	ACTUAL (CT) C X T	TEMP C°	pH	REQ. CT Formula	CT MET? Y / N	log * inactivation
	12AM NTU	4AM NTU	8AM NTU	NOON NTU	4PM NTU	8PM NTU										
1	NF	NF	NF	0.03	0.05	0.03	0.05	1,667	0.96	169	162	12.9	7.93	22.0	Y	0.5
2	0.02	0.02	NF	NF	NF	NF	0.04	1,643	0.96	171	164	14.0	7.90	20.2	Y	0.5
3	NF	NF	NF	0.04	0.03	0.03	0.04	1,678	0.93	168	156	11.9	7.72	21.7	Y	0.5
4	0.02	0.03	0.03	0.02	0.02	0.03	0.04	1,691	0.90	166	150	15.3	7.50	15.9	Y	0.5
5	0.03	NF	NF	NF	0.02	0.02	0.05	1,672	0.87	168	146	15.6	7.51	15.6	Y	0.5
6	NF	NF	NF	NF	NF	0.02	0.05	1,633	0.86	172	148	12.4	7.81	21.5	Y	0.5
7	0.02	0.02	0.02	0.02	NF	NF	0.03	1,647	0.91	171	155	12.1	7.80	22.0	Y	0.5
8	NF	NF	0.02	0.02	0.02	0.02	0.03	1,673	0.85	168	143	12.2	7.79	21.6	Y	0.5
9	0.02	0.02	NF	NF	NF	NF	0.03	1,651	0.89	170	152	13.2	7.80	20.4	Y	0.5
10	NF	NF	NF	NF	NF	0.03	0.06	1,760	0.82	160	131	12.4	7.86	21.8	Y	0.5
11	0.03	0.03	0.02	0.03	0.03	NF	0.04	1,888	0.25	149	37	13.9	7.75	17.8	Y	0.5
12	NF	NF	0.02	0.02	0.02	0.02	0.05	1,887	0.43	149	64	14.0	7.91	19.1	Y	0.5
13	0.02	0.02	0.03	0.03	0.03	0.02	0.04	1,913	1.45	147	213	15.4	8.02	20.4	Y	0.5
14	0.03	0.02	0.03	0.03	0.03	0.03	0.03	1,902	1.46	148	216	14.5	7.98	21.3	Y	0.5
15	0.03	0.03	NF	NF	0.03	0.03	0.04	1,900	1.51	148	224	15.1	7.96	20.4	Y	0.5
16	0.03	0.03	NF	NF	0.04	0.03	0.04	1,896	1.55	148	230	14.6	8.09	22.3	Y	0.5
17	0.03	NF	NF	0.03	0.03	NF	0.03	1,904	1.40	148	207	13.8	7.59	19.2	Y	0.5
18	NF	NF	NF	0.03	0.03	0.03	0.04	1,910	1.34	147	197	16.0	7.41	15.4	Y	0.5
19	0.03	0.03	NF	NF	0.03	0.03	0.05	1,900	1.35	148	200	15.2	7.39	16.2	Y	0.5
20	NF	NF	NF	NF	0.03	0.03	0.05	1,895	1.35	148	200	16.5	7.91	18.0	Y	0.5
21	0.03	0.03	NF	0.03	0.03	NF	0.04	1,882	1.37	149	205	13.9	7.71	19.9	Y	0.5
22	NF	NF	NF	0.02	0.02	0.03	0.05	1,901	1.32	148	195	14.6	7.73	19.0	Y	0.5
23	0.03	NF	NF	0.03	0.03	NF	0.03	1,885	1.31	149	195	13.8	7.55	18.7	Y	0.5
24	NF	NF	0.03	0.03	0.02	0.02	0.09	1,891	1.31	149	195	14.1	7.72	19.6	Y	0.5
25	NF	NF	NF	0.03	0.03	0.03	0.04	1,917	0.93	147	136	15.4	7.36	15.0	Y	0.5
26	0.03	NF	NF	0.03	0.03	0.03	0.04	1,904	0.91	148	134	17.7	7.55	13.8	Y	0.5
27	0.02	NF	NF	NF	0.02	NF	0.16	1,895	0.92	148	137	15.2	7.80	17.9	Y	0.5
28	NF	NF	NF	0.17	0.03	0.03	0.17	1,939	0.96	145	139	15.2	7.65	17.0	Y	0.5
29	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1,917	0.95	147	139	14.2	7.55	17.5	Y	0.5
30	0.03	0.04	0.03	NF	0.03	0.03	0.04	1,896	0.95	148	141	16.2	7.34	14.2	Y	0.5
31	0.03	0.02	0.02	0.03	0.02	NF	0.03	1,922	0.98	146	143	14.9	7.50	16.5	Y	0.5
AVG.	0.03	0.03	0.03	0.04	0.03	0.03	0.05	1,828	1.06	154	163	14.4	7.71	18.8		
MAX.	0.03	0.04	0.03	0.17	0.05	0.03	0.17	1,939								

MIN	Conventional Filtration						0.25		
95% of 4 hr turbidity readings <= 0.3 NTU? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N All the 4 hr turbidity readings <= 1.0 NTU? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N							All turbidity readings < IFE ² triggers? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N ²	CT's met everyday? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl ₂ Residual at entry point >= 0.2 mg/L <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No


¹ Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in Columns "12am through 8pm" may not correspond to continuous readings maximum.

² IFE = Individual Filter Effluent

³ If Cl₂ at entry point <0.2 mg/l, or CT not met, notify DWP by end of next business day.

⁴ NF=No Flow

Name (Printed): Steven Haney
 Operator Cert. #: 6376
 Phone #: 541-818-8003

Signature: 
 Date: 6/5/2023