

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-22 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) ²	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	0.02	0.03	NF	0.02	0.05	1,886	0.83	149	124	15.7	7.72	16.6	Y	0.5
2	0.02	0.03	NF	NF	NF	NF	0.09	1,885	0.82	149	122	14.9	7.53	16.3	Y	0.5
3	NF	NF	0.04	NF	0.03	NF	0.27	1,884	0.82	149	122	14.3	7.74	18.4	Y	0.5
4	NF	NF	0.03	NF	NF	NF	0.08	1,881	0.87	150	130	13.9	7.43	16.9	Y	0.5
5	NF	NF	0.05	NF	0.03	NF	0.05	1,883	0.69	149	103	15.0	7.32	14.8	Y	0.5
6	NF	0.10	0.16	0.03	NF	NF	0.20	1,888	0.76	149	113	15.2	7.43	15.3	Y	0.5
7	NF	NF	0.06	0.03	NF	NF	0.17	1,853	0.85	152	129	14.3	7.57	17.3	Y	0.5
8	NF	0.10	NF	0.11	0.04	0.04	0.24	1,659	0.85	170	144	14.9	7.74	17.7	Y	0.5
9	0.03	NF	NF	0.07	NF	NF	0.24	1,699	0.80	166	132	13.9	7.44	16.9	Y	0.5
10	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	0.5
11	NF	NF	NF	0.07	0.05	NF	0.09	1,917	0.78	147	114	12.9	7.57	18.9	Y	0.5
12	0.07	0.04	0.04	0.05	0.05	NF	0.16	1,875	0.97	150	145	12.4	7.34	18.5	Y	0.5
13	NF	NF	0.06	0.02	NF	NF	0.07	1,877	0.90	150	135	14.2	7.76	18.8	Y	0.5
14	NF	NF	0.02	NF	NF	NF	0.02	1,889	0.86	149	128	13.6	7.97	21.1	Y	0.5
15	NF	NF	NF	0.04	0.05	0.02	0.11	1,918	0.86	147	126	12.1	7.82	22.0	Y	0.5
16	0.04	NF	NF	0.02	NF	NF	0.09	1,854	0.87	152	132	14.6	7.68	17.7	Y	0.5
17	NF	NF	0.02	NF	0.02	0.05	0.13	1,878	0.85	150	127	14.2	7.64	17.9	Y	0.5
18	NF	NF	0.04	NF	NF	NF	0.06	1,866	0.96	151	145	12.9	7.80	21.0	Y	0.5
19	NF	NF	0.05	0.03	0.02	0.04	0.05	1,915	0.90	147	132	14.4	7.80	18.8	Y	0.5
20	NF	0.02	NF	NF	NF	NF	0.09	1,860	0.90	151	136	14.7	7.76	18.2	Y	0.5
21	NF	NF	NF	NF	NF	NF	0.10	1,892	0.88	149	131	13.8	7.81	19.6	Y	0.5
22	NF	NF	NF	0.02	NF	NF	0.03	1,873	0.92	150	138	11.8	7.85	22.9	Y	0.5
23	NF	NF	0.03	NF	NF	NF	0.04	1,879	0.91	150	136	13.6	8.01	21.5	Y	0.5
24	0.02	0.02	NF	NF	0.02	0.02	0.09	1,683	0.90	169	152	13.2	7.66	19.4	Y	0.5
25	0.03	NF	NF	0.03	0.02	NF	0.04	1,649	0.56	171	96	14.3	7.66	17.3	Y	0.5
26	NF	NF	0.03	NF	0.04	NF	0.20	1,662	0.80	169	135	14.4	7.76	18.4	Y	0.5
27	NF	NF	NF	NF	NF	NF	0.10	1,878	0.74	168	124	15.1	7.81	16.5	Y	0.5
28	NF	NF	NF	0.03	NF	NF	0.14	1,665	0.71	169	120	15.5	7.79	17.1	Y	0.5
29	NF	NF	NF	0.05	0.03	NF	0.29	1,700	0.68	165	112	14.4	7.75	18.0	Y	0.5
30	NF	NF	NF	0.07	0.03	0.02	0.08	1,727	0.74	163	121	15.0	7.69	17.1	Y	0.5
31	0.02	NF	NF	NF	NF	NF	0.03	1,704	0.82	165	135	15.1	7.70	17.2	Y	0.5

AVG.	0.03	0.05	0.05	0.04	0.03	0.03	0.11	1,815	0.83	155	128	14.1	7.68	18.3		
MAX.	0.07	0.10	0.16	0.11	0.05	0.05	0.29	1,917								


MIN	Conventional Filtration						0.56		
95% of 4 hr turbidity readings <= 0.3 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
All the 4 hr turbidity readings <= 1.0 NTU? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N									

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 Signature: 

Operator Cert. #: 6376 Date: 6/7/22

Phone #: 541-818-8003