

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Linn

Conventional Filtration

Sweet Home, City of		I.D. # OR4100851		WTP: WTP-B		Month of September-21		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	CT MET? Y / N	log * inactivation
	12AM NTU	4AM NTU	8AM NTU	NOON NTU	4PM NTU	8PM NTU								Formula		
1	NF	NF	0.03	0.02	0.02	NF	0.03	1,670	0.92	168	155	14.2	7.52	17.3	Y	0.5
2	NF	NF	0.03	0.03	0.03	0.03	0.03	1,691	0.86	166	143	14.1	7.53	17.3	Y	0.5
3	0.03	NF	0.03	0.03	0.03	NF	0.03	1,689	0.92	167	153	14.2	7.50	17.1	Y	0.5
4	NF	NF	0.03	0.03	0.03	NF	0.03	1,672	0.91	168	153	13.4	7.45	17.7	Y	0.5
5	0.03	NF	0.03	NF	NF	NF	0.03	1,693	0.95	166	158	13.1	7.46	18.2	Y	0.5
6	NF	NF	0.03	0.02	0.03	NF	0.03	1,694	0.87	166	144	14.9	7.43	15.8	Y	0.5
7	0.03	0.03	0.03	0.03	0.03	NF	0.03	1,686	0.93	167	155	15.2	7.43	15.6	Y	0.5
8	NF	NF	NF	0.03	0.02	0.02	0.03	1,736	0.90	162	146	14.9	7.48	16.2	Y	0.5
9	NF	NF	NF	0.03	NF	0.03	0.03	1,703	0.91	165	150	14.6	7.37	15.9	Y	0.5
10	NF	NF	0.03	0.03	NF	NF	0.03	1,664	0.93	169	157	13.6	7.45	17.5	Y	0.5
11	NF	NF	NF	0.02	0.02	0.03	0.03	1,676	0.93	168	156	13.4	7.35	17.1	Y	0.5
12	0.03	0.03	0.03	NF	NF	NF	0.03	1,695	0.96	166	159	14.3	7.39	16.4	Y	0.5
13	NF	NF	0.03	0.03	0.03	0.03	0.03	1,675	0.91	168	153	15.2	7.46	15.8	Y	0.5
14	0.03	0.03	0.03	NF	NF	NF	0.03	1,721	0.93	163	152	13.8	7.36	16.7	Y	0.5
15	NF	NF	0.03	0.03	0.03	0.03	0.10	1,708	0.86	165	142	14.8	7.31	15.2	Y	0.5
16	0.03	NF	0.03	NF	NF	NF	0.03	1,678	0.89	168	149	13.4	7.26	16.5	Y	0.5
17	NF	NF	0.03	0.03	NF	0.03	0.03	1,714	0.88	164	144	13.1	7.37	17.5	Y	0.5
18	0.03	0.03	NF	NF	NF	NF	0.03	1,646	0.91	171	155	13.7	7.44	17.3	Y	0.5
19	NF	NF	0.03	0.02	0.03	0.03	0.03	1,659	0.85	170	144	14.3	7.35	16.0	Y	0.5
20	0.03	NF	NF	0.02	NF	NF	0.04	1,689	0.87	167	145	15.0	7.37	15.4	Y	0.5
21	NF	NF	0.03	NF	0.03	0.03	0.03	1,682	0.74	167	124	14.5	7.44	16.1	Y	0.5
22	NF	NF	NF	NF	0.03	NF	0.05	1,665	0.76	169	128	15.3	7.35	14.8	Y	0.5
23	NF	NF	NF	0.03	0.03	0.03	0.04	1,689	0.71	167	118	14.4	7.25	15.0	Y	0.5
24	0.03	NF	0.04	NF	NF	NF	0.05	1,663	0.78	169	132	15.0	7.50	16.0	Y	0.5
25	NF	NF	NF	0.03	0.05	0.06	0.11	1,666	0.79	169	133	15.2	7.45	15.5	Y	0.5
26	0.09	0.04	NF	0.04	NF	NF	0.09	1,650	0.85	170	145	15.6	7.10	13.3	Y	0.5
27	NF	NF	0.05	0.03	0.05	0.05	0.05	1,678	0.80	168	134	16.3	7.28	13.5	Y	0.5
28	0.04	NF	NF	0.04	NF	NF	0.06	1,653	0.84	170	143	15.7	7.53	15.5	Y	0.5
29	NF	NF	NF	NF	0.04	0.04	0.06	1,753	0.77	160	124	17.2	7.49	13.7	Y	0.5
30	0.40	0.05	0.05	0.05	NF	NF	0.09	1,733	0.76	162	123	16.3	8.11	16.0	Y	0.5
AVG	0.07	0.04	0.03	0.03	0.03	0.03	0.04	1,686	0.86	167	144	14.7	7.43	16.1		
MAX	0.40	0.05	0.05	0.05	0.05	0.06	0.11	1,753								

MIN	Conventional Filtration		0.71
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 the 4 hr turbidity readings <= 1.0 NTU? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N		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 Effluent³ 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: 10/4/2021