

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Linn

Conventional Filtration

Sweet Home, City of I.D. # OR4100851 WTP: WTP-B Month of December-21 Required Log Inactivation: 0.6

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	0.04	NF	NF	NF	0.03	0.04	0.04	1,668	0.87	167	145	15.3	7.55	16.1	Y	0.5
2	NF	NF	NF	NF	NF	0.04	0.05	1,667	0.88	169	148	15.0	7.57	16.6	Y	0.5
3	NF	NF	NF	0.04	0.05	0.03	0.06	1,678	0.74	168	124	13.7	7.70	18.7	Y	0.5
4	NF	NF	NF	0.03	0.03	NF	0.04	1,698	0.78	166	129	11.9	7.45	19.4	Y	0.5
5	NF	NF	0.04	0.03	0.04	NF	0.04	1,735	0.73	162	118	12.3	7.32	18.0	Y	0.5
6	NF	NF	NF	NF	0.03	0.03	0.04	1,719	0.76	164	124	14.1	7.45	16.6	Y	0.5
7	NF	NF	NF	0.03	0.03	NF	0.04	1,686	0.75	167	125	15.1	7.43	15.4	Y	0.5
8	NF	NF	0.03	0.03	0.04	NF	0.04	1,675	0.78	168	131	14.8	7.40	15.6	Y	0.5
9	NF	NF	NF	0.03	0.03	NF	0.04	1,709	0.75	165	123	12.4	6.99	16.0	Y	0.5
10	NF	NF	NF	0.04	NF	NF	0.04	1,674	0.74	168	124	14.5	7.16	14.5	Y	0.5
11	NF	NF	0.04	0.03	0.03	0.04	0.08	1,673	0.65	168	109	12.5	7.16	16.4	Y	0.5
12	0.05	NF	NF	0.05	0.04	NF	0.08	1,663	0.74	169	125	11.4	7.38	19.5	Y	0.5
13	NF	NF	NF	NF	0.05	0.04	0.07	1,672	0.71	168	119	13.1	7.68	19.2	Y	0.5
14	NF	0.09	NF	0.06	0.08	NF	0.22	1,705	0.71	165	117	13.2	7.03	15.0	Y	0.5
15	NF	NF	NF	0.12	0.03	0.03	0.12	1,679	0.68	169	114	12.9	7.31	16.9	Y	0.5
16	NF	0.03	0.03	0.03	0.04	NF	0.10	1,786	0.76	157	120	14.2	7.56	17.2	Y	0.5
17	NF	NF	0.14	0.03	0.03	NF	0.15	1,761	0.74	160	118	13.1	7.53	18.3	Y	0.5
18	NF	NF	NF	0.03	NF	0.03	0.15	1,757	0.75	160	120	12.4	7.46	18.8	Y	0.5
19	NF	0.03	0.03	NF	0.03	NF	0.04	1,735	0.80	162	130	12.4	7.54	19.5	Y	0.5
20	NF	NF	NF	NF	0.06	NF	0.14	1,734	0.75	162	122	12.7	7.79	20.7	Y	0.5
21	NF	NF	0.05	0.12	NF	NF	0.16	1,743	0.48	161	77	13.2	7.55	17.7	Y	0.5
22	0.12	NF	NF	0.03	0.06	0.03	0.16	1,753	0.49	160	79	13.5	7.52	17.2	Y	0.5
23	0.05	NF	0.03	NF	0.03	NF	0.11	1,757	0.81	160	130	14.6	7.52	16.6	Y	0.5
24	NF	0.03	NF	0.03	NF	NF	0.10	1,741	0.83	162	134	13.8	7.00	14.5	Y	0.5
25	NF	NF	NF	NF	0.04	NF	0.04	1,766	0.78	159	124	12.6	7.56	19.2	Y	0.5
26	NF	NF	NF	NF	0.03	0.03	0.25	1,752	0.79	161	127	11.3	7.65	21.7	Y	0.5
27	NF	NF	0.11	0.03	0.04	NF	0.15	1,775	0.80	158	127	12.4	7.42	18.7	Y	0.5
28	NF	NF	0.10	NF	0.03	NF	0.14	1,765	0.79	159	126	12.4	7.62	20.0	Y	0.5
29	NF	NF	NF	NF	0.03	0.03	0.06	1,764	0.78	159	124	12.2	7.61	20.2	Y	0.5
30	NF	0.02	0.03	0.03	NF	0.05	0.09	1,760	0.80	160	128	11.9	7.57	20.3	Y	0.5
31	0.05	0.04	0.06	NF	NF	NF	0.07	1,719	0.77	164	126	12.0	7.25	18.0	Y	0.5

AVG.	0.06	0.04	0.06	0.03	0.04	0.04	0.09	1,722	0.75	163	122	13.1	7.44	17.8		
MAX.	0.12	0.09	0.14	0.12	0.08	0.05	0.25	1,786								

MIN	Conventional Filtration						0.48
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: [Signature]

Operator Cert. #: 6376 Date: 1/4/2022

Phone #: 541-818-8003