

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Linn

Conventional Filtration

Sweet Home, City of I.D. # OR4100851 WTP: WTP-B Month of July-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) ²	CONTACT TIME MIN. (T)	ACTUAL (CT) C X T	TEMP C°	pH	REQ. CT	CT MET?	log * Inactivation
	12AM NTU	4AM NTU	8AM NTU	NOON NTU	4PM NTU	8PM NTU								Formula	Y/N	
1	0.03	0.03	0.03	0.03	NF	NF	0.09	1,686	0.75	167	125	12.8	7.56	18.9	Y	0.5
2	NF	NF	0.03	NF	0.03	0.03	0.05	1,697	0.69	166	114	16.3	7.60	15.1	Y	0.5
3	0.04	0.03	NF	0.03	0.04	NF	0.17	1,701	0.78	165	129	13.8	7.62	18.1	Y	0.5
4	0.04	0.03	0.04	0.04	0.04	0.04	0.04	1,611	0.72	175	126	13.7	7.68	18.5	Y	0.5
5	0.04	0.03	NF	0.03	0.04	0.04	0.04	1,735	0.76	162	123	15.1	7.60	16.4	Y	0.5
6	NF	NF	0.04	0.03	NF	0.04	0.04	1,719	0.74	164	121	17.2	7.57	14.1	Y	0.5
7	NF	NF	NF	0.03	0.03	0.03	0.04	1,697	0.66	166	109	14.9	7.65	16.8	Y	0.5
8	0.03	NF	0.03	0.02	0.02	NF	0.03	1,717	0.64	164	105	14.8	7.66	16.9	Y	0.5
9	NF	NF	0.03	0.02	0.02	0.02	0.03	1,759	0.60	160	96	14.8	7.62	16.6	Y	0.5
10	0.03	0.02	0.02	0.02	NF	NF	0.04	1,713	0.69	164	113	14.2	7.66	17.7	Y	0.5
11	0.02	0.02	0.02	0.02	0.02	0.02	0.03	1,722	0.61	163	100	13.0	7.52	18.0	Y	0.5
12	NF	NF	0.03	0.03	0.03	NF	0.03	1,680	0.59	167	99	14.5	7.69	17.4	Y	0.5
13	NF	NF	0.05	0.03	0.03	0.03	0.05	1,685	0.56	167	93	14.8	7.63	16.8	Y	0.5
14	0.03	0.03	0.04	0.03	0.03	0.04	0.07	1,712	0.75	164	123	14.9	7.53	16.2	Y	0.5
15	NF	NF	0.04	0.03	0.03	0.03	0.04	1,533	0.74	183	136	15.4	7.65	16.4	Y	0.5
16	0.03	NF	0.03	0.03	0.03	0.03	0.04	1,722	0.76	163	124	14.9	7.61	16.7	Y	0.5
17	0.03	NF	NF	0.03	0.03	0.03	0.04	1,696	0.52	166	86	15.2	7.68	16.4	Y	0.5
18	0.03	0.03	NF	0.03	0.03	0.03	0.05	1,728	0.76	163	124	13.4	7.53	17.9	Y	0.5
19	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1,731	0.76	162	123	14.9	7.47	15.9	Y	0.5
20	0.03	NF	0.03	0.02	0.03	0.03	0.06	1,706	0.71	165	117	16.0	7.48	14.7	Y	0.5
21	0.03	NF	0.03	0.03	0.03	0.03	0.04	1,685	0.67	167	112	16.3	7.46	14.3	Y	0.5
22	NF	NF	0.03	0.02	0.02	0.03	0.07	1,702	0.71	165	117	13.8	7.44	16.8	Y	0.5
23	0.03	NF	0.03	0.03	NF	0.03	0.04	1,656	0.72	170	122	16.4	7.50	15.5	Y	0.5
24	NF	0.03	0.03	0.02	0.03	0.03	0.05	1,721	0.55	163	90	13.8	7.58	17.4	Y	0.5
25	0.03	NF	NF	0.03	0.04	NF	0.04	1,674	0.68	168	114	14.3	7.65	17.5	Y	0.5
26	NF	NF	0.03	0.02	0.03	0.03	0.04	1,705	0.63	165	104	15.8	7.54	15.1	Y	0.5
27	0.03	0.03	0.04	0.03	0.03	NF	0.03	1,697	0.49	166	81	14.8	7.47	15.5	Y	0.5
28	NF	NF	0.03	0.03	NF	0.03	0.04	1,714	0.56	164	92	15.7	7.48	14.8	Y	0.5
29	0.03	0.03	0.03	0.03	0.03	0.03	0.05	1,731	0.52	162	84	13.9	7.49	16.6	Y	0.5
30	0.03	0.03	0.03	NF	NF	NF	0.03	1,699	0.58	166	96	15.3	7.48	15.2	Y	0.5
31	NF	NF	0.03	0.02	0.03	0.03	0.03	1,690	0.81	166	135	13.5	7.52	17.9	Y	0.5

AVG.	0.03	0.03	0.03	0.03	0.03	0.03	0.05	1,698	0.67	166	111	14.7	7.57	16.5		
MAX.	0.04	0.03	0.05	0.04	0.04	0.04	0.17	1,759								

MIN	Conventional Filtration						0.49
95% of 4 hr turbidity readings <= 0.3 NTU? <input checked="" type="checkbox"/> N							All turbidity readings < IFE ² triggers? <input checked="" type="checkbox"/> N ²
All the 4 hr turbidity readings <= 1.0 NTU? <input checked="" type="checkbox"/> N							CT's met everyday? <input checked="" type="checkbox"/> Yes / No
							All Cl ₂ Residual at entry point >= 0.2 mg/L <input checked="" type="checkbox"/> Yes / 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

**pH on 7/5 was taken from Online instrument as grab sample was missed

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

Signature: 
 Date: 8/6/2021