

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Linn

Conventional Filtration

Sweet Home, City of I.D. # OR4100851 WTP: WTP-B Month of April-22 Required Log Inactivation: 0.5

DATE	TURBIDITY						Highest Reading of Day <sup>1</sup> (NTU)	Peak Hourly Demand Flow (gpm)	Min. Cl <sub>2</sub> Res. at 1st user Mg/L (C) <sup>2</sup>	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	NF	NF	0.03	0.03	0.03	NF	0.04	1,904	0.83	148	123	14.9	7.96	19.2	Y	0.5
2	NF	NF	NF	0.03	0.03	0.03	0.04	1,887	0.81	149	121	15.6	7.90	17.9	Y	0.5
3	NF	NF	NF	NF	0.03	NF	0.06	1,921	0.80	146	117	14.0	8.05	21.0	Y	0.5
4	NF	NF	0.03	0.03	NF	NF	0.04	1,871	0.80	150	120	14.9	7.50	16.1	Y	0.5
5	NF	NF	0.03	0.03	0.03	NF	0.03	1,678	0.76	168	127	14.0	7.71	18.4	Y	0.5
6	NF	NF	NF	NF	0.03	NF	0.03	1,661	0.69	169	117	13.7	7.72	18.7	Y	0.5
7	NF	NF	NF	NF	NF	0.03	0.03	1,588	0.68	177	120	15.0	7.31	14.7	Y	0.5
8	0.03	0.03	NF	NF	0.03	NF	0.19	1,633	0.72	172	124	13.8	7.63	18.0	Y	0.5
9	NF	NF	NF	0.03	0.02	NF	0.04	1,675	0.66	168	114	14.1	7.74	18.3	Y	0.5
10	NF	NF	NF	0.03	0.03	NF	0.04	1,697	0.68	166	113	12.7	7.66	19.5	Y	0.5
11	NF	NF	0.03	NF	NF	NF	0.05	1,674	0.69	168	116	11.5	7.67	21.3	Y	0.5
12	0.14	NF	0.14	NF	NF	0.03	0.19	1,646	0.65	171	111	12.1	7.49	19.2	Y	0.5
13	NF	NF	0.03	NF	NF	NF	0.09	1,654	0.71	170	121	11.9	7.36	18.7	Y	0.5
14	NF	NF	0.03	0.02	0.03	0.05	0.17	1,707	0.66	165	109	14.6	7.50	16.2	Y	0.5
15	NF	NF	NF	0.02	NF	NF	0.06	1,660	0.66	169	112	14.0	7.19	15.0	Y	0.5
16	NF	NF	0.04	0.03	0.03	NF	0.05	1,697	0.67	166	111	15.1	7.75	17.2	Y	0.5
17	NF	NF	NF	NF	0.03	NF	0.11	1,719	0.71	184	116	11.6	7.66	21.2	Y	0.5
18	NF	NF	0.04	0.03	NF	NF	0.04	1,664	0.67	169	113	13.5	7.34	16.4	Y	0.5
19	NF	NF	NF	NF	0.03	0.02	0.04	1,924	0.65	146	95	13.9	7.42	16.5	Y	0.5
20	0.03	NF	NF	NF	NF	NF	0.03	1,665	0.72	151	109	14.6	7.59	16.9	Y	0.5
21	NF	NF	0.03	0.03	0.03	0.03	0.04	1,909	0.68	147	100	14.0	7.76	18.6	Y	0.5
22	NF	NF	NF	NF	0.03	NF	0.09	1,878	0.70	150	105	13.6	7.53	17.6	Y	0.5
23	NF	NF	0.03	0.03	NF	NF	0.04	1,889	0.72	149	107	14.0	7.83	19.2	Y	0.5
24	NF	NF	0.03	0.03	NF	NF	0.04	1,912	0.69	147	101	11.6	7.81	22.3	Y	0.5
25	0.03	NF	0.03	NF	NF	NF	0.04	1,818	0.70	155	108	14.6	7.67	17.3	Y	0.5
26	NF	NF	0.03	NF	0.02	NF	0.04	1,912	0.67	147	99	14.6	7.77	17.9	Y	0.5
27	0.03	NF	NF	NF	NF	NF	0.03	1,863	0.75	151	113	14.6	7.66	17.4	Y	0.5
28	NF	NF	0.03	0.03	NF	0.02	0.04	1,906	0.66	148	97	13.4	7.76	19.3	Y	0.5
29	0.02	NF	NF	0.02	0.03	NF	0.04	1,883	0.83	149	124	15.2	7.82	17.9	Y	0.5
30	NF	NF	0.02	NF	NF	NF	0.03	1,889	0.85	149	127	14.6	7.84	18.8	Y	0.5

AVG.	0.05	0.03	0.04	0.03	0.03	0.03	0.06	1,786	0.72	#DIV/0!	#DIV/0!	13.9	7.65	17.8
MAX.	0.14	0.03	0.14	0.03	0.03	0.05	0.19	1,924						

MIN	Conventional Filtration						0.65	
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 <sup>2</sup> triggers? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N <sup>2</sup>	CT's met everyday? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl <sub>2</sub> Residual at entry point >= 0.2 mg/L <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No

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

<sup>2</sup> IFE = Individual Filter Effluent

<sup>3</sup> If Cl<sub>2</sub> at entry point <0.2 mg/l, or CT not met, notify DWP by end of next business day.

<sup>4</sup> NF=No Flow

Name (Printed): Steven Haney Signature: [Signature]

Operator Cert. #: 6376 Date: 5/4/2022

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