

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-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?	log * inactivation
	12AM NTU	4AM NTU	8AM NTU	NOON NTU	4PM NTU	8PM NTU								Formula	Y / N	
1	NF	NF	0.03	0.03	0.04	NF	0.23	1,747	0.86	161	138	12.4	7.60	20.0	Y	0.5
2	NF	NF	0.04	0.03	NF	0.04	0.16	1,729	0.84	163	137	12.0	7.69	21.1	Y	0.5
3	0.05	NF	NF	0.03	NF	NF	0.23	1,744	0.60	161	97	12.2	7.58	19.6	Y	0.5
4	NF	NF	NF	0.03	0.04	NF	0.07	1,890	0.83	149	124	12.5	7.57	19.5	Y	0.5
5	NF	NF	0.04	0.03	0.06	NF	0.20	1,897	0.70	148	104	13.2	7.61	18.6	Y	0.5
6	NF	NF	0.06	0.03	0.03	NF	0.09	1,888	0.86	149	128	13.4	7.54	18.2	Y	0.5
7	NF	NF	NF	0.04	0.03	NF	0.13	1,907	0.87	147	128	12.5	7.48	18.9	Y	0.5
8	NF	NF	0.05	0.04	NF	NF	0.16	1,894	0.76	148	113	12.6	7.57	19.2	Y	0.5
9	NF	NF	NF	NF	NF	NF	0.04	1,876	0.86	150	129	13.8	7.44	17.1	Y	0.5
10	NF	NF	0.03	0.04	NF	0.04	0.11	1,976	0.77	142	110	14.3	7.58	17.2	Y	0.5
11	NF	NF	NF	0.04	0.04	NF	0.13	1,929	0.69	146	101	14.4	7.58	17.0	Y	0.5
12	0.03	NF	NF	0.04	0.03	NF	0.09	1,929	0.83	146	121	14.8	7.47	16.1	Y	0.5
13	NF	NF	NF	0.04	0.03	0.04	0.21	1,908	0.67	147	99	14.6	7.57	16.6	Y	0.5
14	NF	NF	0.03	0.03	NF	0.03	0.06	1,896	0.85	148	126	14.8	7.56	16.7	Y	0.5
15	NF	NF	0.03	0.03	0.03	NF	0.16	1,901	0.62	148	92	14.5	7.54	16.5	Y	0.5
16	NF	NF	0.05	0.04	0.07	NF	0.15	1,900	0.84	148	124	14.4	7.53	16.9	Y	0.5
17	NF	NF	0.03	0.04	0.04	0.04	0.14	1,885	0.82	149	122	13.2	7.59	18.7	Y	0.5
18	NF	NF	NF	0.04	NF	NF	0.14	1,888	0.84	149	125	12.4	7.47	19.1	Y	0.5
19	NF	NF	0.08	0.04	0.05	0.10	0.23	1,892	0.83	149	123	12.3	7.54	19.7	Y	0.5
20	NF	NF	NF	0.06	0.04	NF	0.10	1,880	0.82	150	123	12.6	7.44	18.4	Y	0.5
21	NF	NF	NF	0.06	0.04	NF	0.17	1,904	0.83	148	123	12.7	7.49	18.7	Y	0.5
22	NF	NF	NF	0.06	0.05	NF	0.17	1,913	0.57	147	84	12.2	7.46	18.7	Y	0.5
23	NF	NF	NF	0.04	NF	NF	0.21	1,889	0.80	149	119	12.3	7.52	19.5	Y	0.5
24	NF	NF	0.13	0.03	0.03	0.05	0.13	2,020	0.68	139	95	12.9	7.51	18.2	Y	0.5
25	0.04	0.04	0.05	0.03	0.03	NF	0.21	2,049	0.85	137	117	12.7	7.43	18.3	Y	0.5
26	NF	NF	NF	0.03	NF	NF	0.05	1,885	0.82	149	122	12.9	7.56	18.9	Y	0.5
27	NF	NF	0.04	0.03	0.03	0.03	0.06	1,907	0.87	147	128	12.8	7.59	19.6	Y	0.5
28	NF	NF	0.05	0.03	0.03	NF	0.05	1,860	0.80	151	121	13.5	7.76	19.5	Y	0.5
29	NF	NF	NF	0.03	0.03	NF	0.05	1,892	0.80	149	119	12.1	7.67	20.8	Y	0.5
30	NF	NF	0.04	NF	NF	NF	0.07	1,919	0.91	147	133	12.5	7.67	20.4	Y	0.5
31	NF	NF	0.04	0.04	0.03	0.04	0.05	1,916	0.89	147	131	13.3	7.64	19.1	Y	0.5
AVG.	0.04	0.04	0.05	0.04	0.04	0.05	0.13	1,894	0.79	149	118	13.1	7.56	18.6		
MAX.	0.05	0.04	0.13	0.06	0.07	0.10	0.23	2,049								

MIN	Conventional Filtration											0.57	
95% of 4 hr turbidity readings <= 0.3 NTU?			All the 4 hr turbidity readings <= 1.0 NTU?			All turbidity readings < IFE ² triggers?			CT's met everyday?		All Cl ₂ Residual at entry point >= 0.2 mg/L		
Y N			Y N			Y N ²			Yes / No		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

Name (Printed): Jeff Houchin
 Operator Cert. #: 6497
 Phone #: 503-313-5808

Signature: *[Signature]*
 Date: 6/1/2021