

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-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 * inact- vation
	12AM NTU	4AM NTU	8AM NTU	NOON NTU	4PM NTU	8PM NTU								Formula	Y / N	
1	NF	NF	NF	0.04	0.06	0.05	0.08	1,726	0.95	163	155	11.3	7.81	23.4	Y	0.5
2	NF	NF	NF	0.04	0.04	NF	0.09	1,724	0.97	163	158	12.0	7.96	23.6	Y	0.5
3	NF	NF	0.05	0.04	NF	NF	0.07	1,719	0.74	164	121	11.6	7.85	22.7	Y	0.5
4	NF	NF	0.06	0.04	0.04	NF	0.08	1,723	0.96	163	157	11.6	7.79	22.8	Y	0.5
5	NF	NF	0.04	0.03	0.04	NF	0.06	1,720	0.99	164	162	12.1	7.69	21.4	Y	0.5
6	NF	NF	0.04	0.03	NF	NF	0.06	1,715	0.98	164	161	12.0	7.60	20.8	Y	0.5
7	NF	NF	0.04	0.03	0.03	0.05	0.07	1,737	0.99	162	160	12.4	7.79	21.7	Y	0.5
8	NF	NF	NF	0.04	0.03	0.03	0.16	1,684	0.94	167	157	11.7	7.55	20.8	Y	0.5
9	NF	NF	NF	0.03	NF	NF	0.14	1,709	1.04	165	171	12.2	7.59	20.6	Y	0.5
10	NF	NF	0.06	0.03	0.04	0.06	0.09	1,689	1.01	167	168	11.4	7.71	22.6	Y	0.5
11	NF	NF	NF	0.03	NF	NF	0.12	1,672	0.90	168	151	10.5	7.50	22.0	Y	0.5
12	NF	NF	0.03	0.03	0.03	0.03	0.12	1,896	0.91	148	135	11.5	7.65	21.7	Y	0.5
13	NF	NF	0.03	0.03	0.03	NF	0.17	1,889	1.00	149	149	11.9	7.54	20.6	Y	0.5
14	NF	NF	0.04	0.03	0.03	NF	0.16	1,647	0.87	171	149	13.3	7.69	19.4	Y	0.5
15	NF	NF	NF	0.03	0.05	NF	0.13	1,754	0.97	160	156	12.8	7.59	19.5	Y	0.5
16	NF	NF	NF	0.03	0.03	0.03	0.12	1,702	0.76	165	126	12.2	7.60	20.0	Y	0.5
17	NF	NF	NF	0.04	NF	NF	0.08	2,747	0.87	102	89	12.7	7.71	20.3	Y	0.5
18	NF	NF	0.03	0.03	0.03	NF	0.09	1,881	0.87	150	130	12.7	7.57	19.3	Y	0.5
19	NF	NF	0.04	0.03	0.03	0.03	0.10	2,073	0.83	136	113	13.9	7.64	18.2	Y	0.5
20	NF	NF	0.04	0.04	0.04	NF	0.13	1,668	0.90	151	136	12.9	7.49	18.6	Y	0.5
21	0.04	NF	NF	0.04	NF	NF	0.09	1,686	0.78	167	130	12.2	7.61	20.2	Y	0.5
22	NF	NF	NF	0.03	0.04	0.05	0.22	1,767	0.76	159	121	12.3	7.87	20.4	Y	0.5
23	NF	NF	0.06	0.03	0.03	0.05	0.09	1,668	0.89	169	150	11.6	7.85	21.5	Y	0.5
24	NF	NF	NF	0.05	0.03	NF	0.07	1,663	0.88	169	149	11.4	7.63	21.6	Y	0.5
25	NF	NF	NF	0.04	NF	NF	0.11	1,661	0.90	169	152	12.0	7.58	20.5	Y	0.5
26	NF	NF	NF	0.03	0.03	NF	0.12	1,887	0.79	149	118	13.4	7.61	18.5	Y	0.5
27	0.05	NF	NF	0.06	0.03	NF	0.22	1,886	0.72	149	107	13.3	7.46	17.5	Y	0.5
28	NF	NF	NF	0.06	0.04	NF	0.26	1,745	0.85	161	137	13.1	7.50	18.3	Y	0.5
29	NF	NF	NF	0.09	0.03	0.03	0.13	1,762	0.84	160	134	13.7	7.52	17.7	Y	0.5
30	0.04	NF	NF	0.03	NF	NF	0.05	1,726	0.85	163	139	11.7	7.51	20.3	Y	0.5

AVG.	0.04	#DIV/0!	0.04	0.04	0.04	0.04	0.12	1,791	0.89	159	141	12.2	7.64	20.6
MAX.	0.05	0.00	0.06	0.09	0.06	0.06	0.26	2,747						

MIN	Conventional Filtration						0.72
95% of 4 hr turbidity readings <= 0.3 NTU?			All turbidity readings < IFE ² triggers?			CT's met everyday?	All Cl ₂ Residual at entry point >= 0.2 mg/L
All the 4 hr turbidity readings <= 1.0 NTU?						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: *Jeff Houchin*
 Date: 5/5/21