

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Linn

Conventional Filtration

Sweet Home, City of		I.D. # OR4100851					WTP: WTP-B		Month of June-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	NF	NF	0.04	0.03	0.03	NF	0.05	1,895	0.86	148	128	15.1	7.77	17.7	Y	0.5
2	NF	NF	NF	0.03	0.04	0.03	0.05	1,914	0.85	147	125	13.4	7.63	18.8	Y	0.5
3	0.04	NF	0.04	NF	NF	0.03	0.04	1,893	0.84	149	125	14.8	7.74	17.8	Y	0.5
4	NF	NF	0.03	0.03	0.04	0.05	0.06	1,899	0.86	148	127	15.4	7.61	16.4	Y	0.5
5	NF	NF	0.05	0.03	NF	NF	0.06	1,900	0.87	148	129	14.6	7.87	19.0	Y	0.5
6	NF	NF	0.03	0.03	0.03	0.04	0.04	1,895	0.81	148	120	14.3	7.54	17.1	Y	0.5
7	NF	NF	0.03	0.03	NF	NF	0.05	1,672	0.85	168	143	13.6	7.77	19.5	Y	0.5
8	NF	NF	0.03	0.03	0.03	0.03	0.07	1,883	0.79	149	118	13.8	7.59	17.9	Y	0.5
9	NF	NF	NF	0.03	NF	NF	0.04	1,900	0.85	148	126	13.6	7.68	18.9	Y	0.5
10	NF	NF	0.03	0.03	0.04	0.04	0.06	1,883	0.86	149	128	13.1	7.56	18.7	Y	0.5
11	NF	NF	NF	0.03	NF	NF	0.04	1,906	0.84	148	124	13.9	7.66	18.4	Y	0.5
12	NF	NF	0.03	0.04	0.05	NF	0.06	1,895	0.82	148	122	13.0	7.59	19.0	Y	0.5
13	NF	NF	NF	0.03	0.03	0.03	0.06	1,899	0.76	148	113	14.1	7.97	20.1	Y	0.5
14	NF	NF	NF	NF	0.03	0.04	0.04	1,882	0.87	149	130	13.2	7.58	18.8	Y	0.5
15	NF	NF	NF	0.03	NF	NF	0.08	1,906	0.84	148	124	14.3	7.89	19.5	Y	0.5
16	NF	NF	NF	0.04	NF	0.04	0.06	1,898	0.70	148	104	13.4	7.61	18.4	Y	0.5
17	NF	NF	NF	0.03	0.03	NF	0.05	1,896	0.80	148	119	14.8	7.87	18.6	Y	0.5
18	NF	NF	0.03	0.03	0.03	0.04	0.05	1,911	0.71	147	104	13.5	7.68	18.7	Y	0.5
19	NF	NF	0.04	NF	NF	NF	0.04	1,898	0.82	148	122	14.1	7.83	19.3	Y	0.5
20	0.03	0.05	0.03	0.03	NF	NF	0.06	1,884	0.67	149	100	13.6	7.72	18.8	Y	0.5
21	NF	NF	0.04	NF	NF	0.04	0.06	1,767	0.72	159	115	14.2	7.60	17.4	Y	0.5
22	0.07	0.04	NF	0.04	0.03	NF	0.07	1,745	0.56	161	90	14.7	7.50	15.9	Y	0.5
23	NF	NF	0.04	0.04	NF	0.04	0.15	1,879	0.71	150	106	14.9	7.57	16.4	Y	0.5
24	0.04	NF	NF	0.03	NF	NF	0.06	1,760	0.58	160	93	13.8	7.55	17.2	Y	0.5
25	0.04	NF	NF	0.03	0.04	0.04	0.05	1,749	0.77	161	124	13.6	7.49	17.5	Y	0.5
26	0.04	0.03	NF	0.03	NF	NF	0.06	1,711	0.76	164	125	13.6	7.48	17.4	Y	0.5
27	0.04	0.04	0.04	NF	0.04	NF	0.07	1,758	0.71	160	114	13.4	7.58	18.2	Y	0.5
28	NF	0.04	0.03	0.03	0.04	0.04	0.05	1,740	0.65	162	105	13.9	7.63	17.8	Y	0.5
29	0.04	0.03	0.04	0.04	NF	NF	0.07	1,660	0.66	169	112	12.9	7.60	18.8	Y	0.5
30	0.04	0.03	0.03	0.03	NF	NF	0.04	1,687	0.77	167	128	13.6	7.53	17.7	Y	0.5
31										#DIV/0!	#DIV/0!			4.2	#DIV/0!	0.5
AVG.	0.04	0.04	0.04	0.03	0.04	0.04	0.06	1,839	0.77	#DIV/0!	#DIV/0!	13.9	7.66	17.7		
MAX.	0.07	0.05	0.05	0.04	0.05	0.05	0.15	1,914								

MIN	Conventional Filtration						0.56						
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 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		

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: 7/7/2021