OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Linn Conventional Filtration

Sweet Home, City of | **I.D. # OR4100851** | **WTP: WTP-B** | **Month of February-23** | **Required Log inactivation: 0.5**

DATE	TURBIDITY 12AM NTU	4AM NTU	8AM NTU	NOON NTU	4PM NTU	8PM NTU	Highest Reading of Day [1] (NTU)	Peak Hourly Demand Flow (gpm)	Min.Cl2 Res. at 1st user Mg/L (C)[3]	CONTACT TIME MIN. (T)	ACTUAL (CT) C X T	TEMP C°	pH	REQ. CT Formula	CT MET? Y / N	log * inacti-vation
1	0.03	NF	0.04	0.03	NF	NF	0.12	1,851	0.61	152	93	8.9	7.85	26.8	Y	0.5
2	NF	NF	NF	NF	0.03	0.04	0.06	1,891	0.76	149	113	10.7	7.74	23.2	Y	0.5
3	0.03	0.03	0.03	0.02	0.03	0.03	0.05	1,906	0.58	148	86	8.4	7.76	26.7	Y	0.5
4	0.03	NF	NF	NF	0.03	0.04	0.05	1,876	0.80	150	120	9.0	7.83	27.0	Y	0.5
5	NF	NF	NF	NF	NF	NF	NF	NF	NF			NF	NF			0.5
6	NF	NF	0.02	0.04	NF	NF	0.06	1,889	0.81	149	121	10.2	7.43	21.7	Y	0.5
7	NF	0.02	0.02	NF	NF	0.02	0.04	1,886	0.76	149	113	9.5	7.91	26.8	Y	0.5
8	NF	NF	NF	0.02	NF	NF	0.03	1,895	0.72	148	107	9.3	7.78	25.8	Y	0.5
9	NF	NF	NF	0.02	0.02	0.02	0.06	1,883	0.74	149	111	9.1	7.90	27.3	Y	0.5
10	NF	NF	NF	NF	0.02	NF	0.09	1,864	0.72	151	109	9.6	7.78	25.3	Y	0.5
11	NF	NF	0.05	NF	NF	NF	0.07	1,880	0.68	150	102	11.5	7.74	21.8	Y	0.5
12	NF	NF	NF	0.02	0.02	0.02	0.03	1,907	0.70	147	103	10.4	7.85	24.5	Y	0.5
13	0.10	0.02	0.02	0.02	0.02	NF	0.12	1,877	0.70	150	105	9.0	7.81	26.5	Y	0.5
14	NF	NF	NF	0.06	0.02	NF	0.13	1,910	0.68	147	100	10.4	7.60	22.4	Y	0.5
15	NF	NF	NF	0.02	0.02	0.02	0.05	1,887	0.69	149	103	9.9	7.47	22.1	Y	0.5
16	0.03	NF	NF	0.03	0.02	NF	0.06	1,880	0.67	150	100	10.0	7.56	22.6	Y	0.5
17	NF	NF	0.02	0.02	0.02	0.05	0.09	1,864	0.68	151	103	10.3	7.91	25.1	Y	0.5
18	0.06	NF	NF	0.03	NF	NF	0.08	1,909	0.67	147	99	10.1	7.64	23.1	Y	0.5
19	NF	NF	NF	0.03	0.04	0.05	0.06	1,905	0.67	148	99	9.5	7.66	24.2	Y	0.5
20	0.03	0.02	0.03	NF	0.02	0.03	0.04	1,887	0.70	149	104	9.8	7.59	23.2	Y	0.5
21	NF	NF	NF	0.03	0.02	NF	0.08	1,894	0.66	148	98	10.0	7.64	23.2	Y	0.5
22	NF	NF	0.02	0.02	0.02	0.02	0.03	1,877	0.71	150	106	9.8	7.69	24.1	Y	0.5
23	NF	NF	NF	0.02	0.02	0.02	0.02	1,899	0.69	148	102	11.1	7.74	22.5	Y	0.5
24	NF	NF	NF	0.02	0.02	NF	0.02	1,874	0.70	150	105	13.7	7.77	19.1	Y	0.5
25	NF	NF	NF	NF	NF	0.02	0.03	1,886	0.71	149	106	10.4	7.79	24.0	Y	0.5
26	NF	NF	NF	NF	0.02	0.02	0.03	1,887	0.69	149	103	9.7	7.85	25.6	Y	0.5
27	NF	NF	0.02	0.02	0.02	NF	0.03	1,885	0.68	149	101	9.7	7.58	23.3	Y	0.5
28	NF	NF	NF	NF	NF	0.02	0.03	1,887	0.69	149	103	10.1	7.84	24.9	Y	0.5
AVG.	0.04	0.02	0.03	0.03	0.02	0.03	0.06	1,887	0.70	149	104	10.0	7.73	24.2		
MAX.	0.10	0.03	0.05	0.06	0.04	0.05	0.13	1,910								
MIN	Conventional Filtration								0.58							

95% of 4 hr turbidity readings </= 0.3 NTU? (Y) / N
All the 4 hr turbidity readings </= 1.0 NTU? (Y) / N

All turbidity readings < IFE[2] triggers? (Y) / N [2]

CT's met everyday? (Yes) / No

All Cl_2 Residual at entry point >/= 0.2 mg/L (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 Cl_2 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): Steven Haney
Operator Cert. #: 6376
Phone #: 541-818-8003

Signature:
Date: 3/2/2023