



RE: The City of Sweet Home Water Treatment (PWSID #OR4100851) – March 2021 Turbidity Monitoring Report Form

The purpose of this correspondence is to notify your office of a pH meter calibration issue which affected the Contact Time (CT) values on March 13 and March 14, 2021.

During a recent internal records review of the pH meter calibration records, the calibration values for the above referenced dates have been invalidated due to improper calibration of the pH meter. Because the pH data is utilized to calculate the finished water CT values, we have invalidated the CT values for March 13 and 14, 2021.

In an effort to mitigate future mistakes, operator training will be provided along with monthly reviews of calibration logbooks and Monthly Operating Reports prior to submittal.

Sincerely:

A handwritten signature in black ink that reads "Jeff A. Houchin".

Jeff A. Houchin

DRC Sweet Home Water Treatment Plant

Regional Operations Specialist

503-313-5808

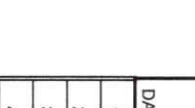
Jeffery.houchin@jacobs.com

AMENDED OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Linn Conventional Filtration
 Sweet Home, City of I.D. # OR4100851 WTP: WTP-B Month of March-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 ³	pH	REQ. CT		CT MET? Y/N	log ⁴ 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	0.03	0.04	1,894	0.96	148	143	11.5	7.70	22.2	Y	0.5	
2	NF	NF	0.04	0.03	0.03	0.03	0.05	1,881	0.96	150	144	10.7	7.61	22.7	Y	0.5	
3	NF	NF	0.04	0.04	0.03	0.03	0.05	1,887	0.96	149	143	10.5	7.54	22.4	Y	0.5	
4	NF	NF	0.03	0.03	0.03	0.03	0.04	1,889	0.96	150	144	10.6	7.48	21.8	Y	0.5	
5	NF	NF	0.03	0.03	0.03	0.03	0.04	1,896	0.96	148	142	11.6	7.80	21.3	Y	0.5	
6	NF	NF	0.03	0.03	0.03	0.03	0.04	1,884	0.94	149	140	9.6	7.58	24.1	Y	0.5	
7	NF	NF	0.04	0.04	0.03	0.03	0.06	1,907	0.97	147	143	10.6	7.54	22.3	Y	0.5	
8	NF	NF	0.04	0.04	0.04	0.04	0.15	1,843	0.94	153	143	10.1	7.48	22.5	Y	0.5	
9	NF	NF	0.03	0.04	0.04	0.04	0.19	1,934	0.95	145	138	9.9	7.56	23.5	Y	0.5	
10	NF	NF	0.03	0.03	0.03	0.03	0.12	1,904	0.94	148	139	10.3	7.66	23.7	Y	0.5	
11	NF	NF	0.03	0.03	0.03	0.03	0.04	1,800	0.91	156	142	11.2	7.56	21.5	Y	0.5	
12	NF	NF	0.04	0.04	0.04	0.03	0.05	1,873	0.97	150	146	10.7	7.52	22.0	Y	0.5	
13	NF	NF	0.03	0.03	0.03	0.03	0.04	1,896	0.93	148	no data	10.5	no data	#VALUE!	N	0.5	
14	NF	NF	0.06	0.06	0.03	0.03	0.06	1,904	0.93	148	no data	10.1	no data	#VALUE!	N	0.5	
15	NF	NF	0.03	0.05	0.05	0.05	0.06	1,904	0.61	148	90	11.0	7.66	21.8	Y	0.5	
16	NF	NF	0.05	0.04	0.04	0.05	0.07	1,902	0.82	148	121	10.5	7.64	22.9	Y	0.5	
17	NF	NF	0.04	0.04	0.03	0.03	0.07	1,700	0.78	165	129	10.1	7.60	23.1	Y	0.5	
18	NF	NF	0.03	0.03	0.03	0.03	0.04	1,691	1.04	166	173	11.2	7.64	22.4	Y	0.5	
19	NF	NF	0.04	0.04	0.03	0.03	0.04	1,660	1.07	169	181	11.1	7.68	23.0	Y	0.5	
20	NF	NF	0.03	0.03	0.03	0.05	0.07	1,655	1.04	170	177	9.8	7.68	24.9	Y	0.5	
21	NF	NF	0.04	0.04	0.04	0.03	0.06	1,705	1.04	165	172	9.9	7.63	24.3	Y	0.5	
22	NF	NF	0.04	0.03	0.03	0.03	0.06	1,685	0.84	167	140	11.0	7.62	22.0	Y	0.5	
23	NF	NF	0.03	0.03	0.03	0.03	0.04	1,688	1.02	167	170	11.2	7.73	23.1	Y	0.5	
24	NF	NF	0.03	0.03	0.03	0.03	0.05	1,671	1.02	168	172	11.0	7.70	23.1	Y	0.5	
25	NF	NF	0.04	0.03	0.03	0.03	0.06	1,664	1.03	169	174	11.2	7.82	23.8	Y	0.5	
26	NF	NF	0.05	0.03	0.03	0.03	0.05	1,662	0.87	169	147	10.7	7.71	23.3	Y	0.5	
27	NF	NF	0.05	0.05	0.05	0.05	0.09	1,709	1.02	165	168	10.0	7.72	24.9	Y	0.5	
28	NF	NF	0.05	0.05	0.05	0.05	0.07	1,740	0.93	162	150	10.7	7.97	25.7	Y	0.5	
29	NF	NF	0.04	0.04	0.04	0.05	0.06	1,684	0.82	167	137	11.7	7.95	23.6	Y	0.5	
30	NF	NF	0.04	0.04	0.04	0.05	0.06	1,656	0.94	170	180	11.4	7.77	22.9	Y	0.5	
31	NF	NF	0.04	0.04	0.04	0.05	0.08	1,721	0.96	163	157	12.0	7.85	22.7	Y	0.5	
AVG. #DIV/0!	#DIV/0!	0.04	0.04	0.04	0.04	0.04	0.06	1,789	0.94	158	149	10.7	7.66	#VALUE!			
MAX. 0.00	0.00	0.05	0.06	0.05	0.05	0.05	0.19	1,934									

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 < IF E² triggers? Y / N²
 CT's met everyday? 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 < 2 mg/L or CT not met, notify DWP by end of next business day.
⁴ NF=No Flow

Name (Printed): Jeff Houchin Signature: 
 Operator Cert. #: 6497 Date: 4/9/2021
 Phone #: 503-313-5808