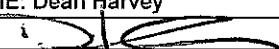


OHA - Drinking Water Services - Surface Water Quality Data Form								County: Clackamas						
Filtration with UV <i>Giardia/Crypto</i> Disinfection								Month/Year: February-2022						
System Name: Canby Utility			WS ID#: 00157			WTP ID: A								
Day	Turbidity							Viral CT's						
	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest NTU of the day ¹	Minimum Cl ₂ Residual at 1 st User (C) [mg/L] ²	Contact Time (T) [minutes]	Actual CT C X T	Temp (°C)	Required CT [from table next page]	Peak Hour Demand Flow [gpm]	Required CT Met? ² [Yes / No]
1	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.71	82.78	58.77	5.2	8	4434	Yes
2	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.70	83.28	58.29	5.9	8	4351	Yes
3	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.67	87.43	58.58	5.9	8	4260	Yes
4	OFF	OFF	0.05	0.05	OFF	OFF	0.08	0.74	80.43	59.52	6.2	8	4341	Yes
5	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.76	82.03	62.35	6.8	8	4488	Yes
6	OFF	OFF	0.06	0.04	OFF	OFF	0.06	0.79	81.08	64.05	6.3	8	4489	Yes
7	OFF	OFF	0.04	0.03	OFF	OFF	0.04	0.76	87.84	66.76	6.0	8	4304	Yes
8	OFF	OFF	0.03	0.03	OFF	OFF	0.06	0.80	89.23	71.39	6.1	8	4182	Yes
9	OFF	OFF	0.02	0.03	OFF	OFF	0.05	0.80	95.55	76.44	6.0	8	4159	Yes
10	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.83	89.95	74.66	6.7	8	4159	Yes
11	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.81	88.88	71.99	7.1	8	4201	Yes
12	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.75	85.54	64.15	7.7	8	4444	Yes
13	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.78	86.13	67.18	6.8	8	4435	Yes
14	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.76	91.78	69.75	7.0	8	4211	Yes
15	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.72	89.35	64.33	6.8	8	4242	Yes
16	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.68	89.45	60.83	7.2	8	4318	Yes
17	OFF	OFF	0.07	0.03	OFF	OFF	0.08	0.66	90.93	60.01	7.0	8	4221	Yes
18	OFF	OFF	0.03	0.04	OFF	OFF	0.04	0.66	87.29	57.61	6.6	8	4255	Yes
19	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.68	79.31	53.93	6.4	8	4352	Yes
20	OFF	OFF	0.04	0.03	OFF	OFF	0.08	0.66	75.85	50.06	6.6	8	4463	Yes
21	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.66	80.72	53.27	6.7	8	4280	Yes
22	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.62	90.14	55.89	5.9	8	4311	Yes
23	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.73	90.54	66.10	4.6	12	4239	Yes
24	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.72	87.46	62.97	3.7	12	4158	Yes
25	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.67	93.23	62.46	3.2	12	4186	Yes
26	OFF	OFF	0.03	0.04	OFF	OFF	0.06	0.67	86.11	57.70	3.4	12	4387	Yes
27	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.65	86.19	56.02	4.8	12	4356	Yes
28	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.63	86.05	54.21	6.0	8	4282	Yes
29														
30														
31														

Conventional or Direct Filtration				Monthly Summary (circle Yes or No)			
95% of the 4-hour turbidity readings ≤ 0.3 NTU?	Yes / No	95% of the 4-hour turbidity readings < 1 NTU?	Yes / No	Virus CT's met everyday? ²	Yes / No	All Cl ₂ residual at entry point ≥ 0.2 mg/L ²	Yes / No
All turbidity readings < IFE triggers?	Yes / No ³						
Monthly UV Summary (circle Yes or No)				PHONE#: (503) 266-6400	CERT #:6980		
Was the volume of off-spec water produced less than 5% for the month?				Yes / No	DATE: 3/1/2022		
				PRINTED NAME: Dean Harvey			
				SIGNATURE: 			

¹ Highest NTU of the day is for optimization, not compliance. Highest is only for state-wide tracking of performance among all treatment systems.

² If CT not met or Cl₂ at entry point (1st user) < 0.2 mg/L, notify DWS within 24 hours.

³ IFE= Individual Filter Effluent (OAR 333-061-0040(1)(e)(B&C))

OHA - Drinking Water Services - Surface Water Quality Data Form County: **Clackamas**
Conventional or Direct Filtration with UV *Giardia/Crypto* Disinfection Month/Year: **February-2022**
System Name: Canby Utility ID# 41- 00157 WTP ID: **A**

Minimum UVT during month 96.38% % uvt sensor variation from reference sensor %: 4.62%
Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month 3.4 / 2.67 ^{mW}/cm²

Date	Peak Hourly Demand Flow	Minimum Intensity	All Lamps On?	Daily Water Produced {A}	Water outside Validated Conditions {B}	Cumulative % Off-Spec Water Produced
	[gpm/unit]	[^{mW} /cm ²]	[Y or N]	[mgal]	[mgal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	597	4.19	Y	1.573	0	0
2	616	3.93	Y	1.509	0	0
3	702	4.13	Y	1.574	0	0
4	561	3.56	Y	1.667	0	0
5	504	3.4	Y	1.503	0	0
6	566	3.59	Y	1.461	0	0
7	548	3.54	Y	1.519	0	0
8	461	3.64	Y	1.466	0	0
9	591	3.76	Y	1.454	0	0
10	709	4.44	Y	1.491	0	0
11	557	3.56	Y	1.551	0	0
12	585	3.69	Y	1.383	0	0
13	706	4.44	Y	1.389	0	0
14	684	4.38	Y	1.485	0	0
15	473	3.46	Y	1.515	0	0
16	727	4.56	Y	1.478	0	0
17	586	4.19	Y	1.413	0	0
18	634	3.94	Y	1.614	0	0
19	567	3.56	Y	1.345	0	0
20	457	3.46	Y	1.322	0	0
21	652	3.88	Y	1.398	0	0
22	638	3.73	Y	1.438	0	0
23	644	4.15	Y	1.484	0	0
24	569	4.28	Y	1.470	0	0
25	650	3.66	Y	1.713	0	0
26	640	3.69	Y	1.354	0	0
27	577	3.51	Y	1.257	0	0
28	616	4.13	Y	1.434	0	0
29						
30						
31						
Monthly Cumulative % Off-Spec Water Produced ⁴						

⁴ If ≥ 5% of total water produced is off-spec., notify DWS within 24 hours.

For previous page calculation - Required CT for viral inactivation (for pH range of 6.0 to 9.9)						
Temp (C°)	0 - 4.9	5.0 - 9.9	10.0 - 14.9	15.0 - 19.9	20 -24.9	≥ 25.0 C
Required CT	12	8	6	4	3	2

Return by 10th of following month by email, fax or mail to: