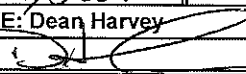


OHA - Drinking Water Services - Surface Water Quality Data Form								County: Clackamas						
Filtration with UV <i>Giardia/Crypto</i> Disinfection								Month/Year: August-2022						
System Name: Canby Utility		WS ID#: 00157		WTP ID: A										
Day	Turbidity							Viral CT's						
	12 AM [NTU]	4 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	0.05	0.04	0.04	0.04	0.05	0.04	0.05	0.87	73.27	63.74	25.1	2	4605	Yes
2	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.87	65.72	57.17	24.3	3	4714	Yes
3	0.04	0.04	0.04	0.04	0.05	0.05	0.07	0.93	60.90	56.63	23.9	3	4434	Yes
4	0.05	0.04	0.05	0.05	0.05	0.04	0.06	0.84	85.18	71.55	23.8	3	4267	Yes
5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.87	65.07	56.61	21.8	3	4368	Yes
6	0.04	0.04	0.05	0.04	0.04	0.05	0.06	0.99	46.52	46.05	25.0	2	5374	Yes
7	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.94	59.93	56.33	23.3	3	4898	Yes
8	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.84	52.04	43.71	23.4	3	4798	Yes
9	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.88	64.02	56.33	22.7	3	4705	Yes
10	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.77	57.44	44.23	22.9	3	5413	Yes
11	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.81	56.20	45.52	21.9	3	5443	Yes
12	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.88	49.27	43.35	22.2	3	5352	Yes
13	0.04	0.00	0.05	0.05	0.05	0.05	0.06	0.89	68.51	60.97	22.0	3	5204	Yes
14	0.05	0.05	0.05	0.04	0.05	0.05	0.06	0.89	51.66	45.98	21.9	3	5027	Yes
15	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.81	56.24	45.56	22.7	3	5457	Yes
16	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.87	56.15	48.85	23.0	3	5315	Yes
17	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.85	53.83	45.75	23.5	3	5478	Yes
18	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.89	58.07	51.68	24.3	3	5243	Yes
19	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.87	50.97	44.34	22.8	3	5133	Yes
20	0.05	0.04	0.04	0.05	0.05	0.05	0.06	0.87	53.42	46.48	22.9	3	5416	Yes
21	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.86	50.51	43.44	22.0	3	5206	Yes
22	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.87	54.80	47.67	22.9	3	5521	Yes
23	0.06	0.05	0.05	0.05	0.07	0.07	0.08	0.82	54.74	44.89	23.2	3	5211	Yes
24	0.06	0.05	0.05	0.05	0.07	0.07	0.08	0.86	51.20	44.03	22.9	3	5038	Yes
25	0.07	0.06	0.07	0.06	0.07	0.07	0.07	0.8	53.49	42.79	23.9	3	5052	Yes
26	0.06	0.06	0.07	0.06	0.07	0.07	0.07	0.87	59.33	51.61	23.9	3	4915	Yes
27	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.79	67.83	53.59	23.1	3	4802	Yes
28	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.88	43.52	38.30	21.1	3	4781	Yes
29	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.87	49.08	42.70	21.8	3	4891	Yes
30	0.07	0.06	0.06	0.06	0.08	0.08	0.08	0.83	61.59	51.12	22.5	3	4879	Yes
31	0.08	0.07	0.07	0.07	0.08	0.08	0.08	0.81	62.02	50.24	23.2	3	4309	Yes
Conventional or Direct Filtration								Monthly Summary (circle Yes or No)						
95% of the 4-hour turbidity readings ≤ 0.3 NTU? Yes/No								Virus CT's met everyday? ² Yes/No						
All the 4-hour turbidity readings < 1 NTU? Yes/No								All Cl ₂ residual at entry point ≥ 0.2 mg/L? ² Yes/No						
All turbidity readings < IFE triggers? Yes/No³														
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: 09/07/2022		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: **August-2022**
System Name: **Canby Utility** ID# **41- 00157** WTP ID: **A**

Minimum UVT during month 98.40% %

uty sensor variation from reference sensor %: **6.43%**

Minimum Validated UVT: 54%

Min. UV Intensity achieved/intended this mont **4.9 / 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} / _{cm²}]	[Y or N]	[mgal]	[mgal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	869	5.76	Y	4.923	0	0
2	743	5.56	Y	4.613	0	0
3	893	5.66	Y	4.571	0	0
4	738	5.26	Y	4.848	0	0
5	806	5.28	Y	4.510	0	0
6	939	5.84	Y	3.889	0	0
7	849	5.46	Y	5.730	0	0
8	713	5.46	Y	4.464	0	0
9	830	5.36	Y	4.951	0	0
10	778	5.36	Y	4.061	0	0
11	781	5.26	Y	4.299	0	0
12	890	5.55	Y	4.186	0	0
13	778	5.26	Y	4.399	0	0
14	773	5.26	Y	4.224	0	0
15	684	5.56	Y	4.400	0	0
16	561	5.56	Y	4.668	0	0
17	789	5.56	Y	4.683	0	0
18	718	5.56	Y	4.816	0	0
19	722	5.36	Y	4.199	0	0
20	646	5.36	Y	4.289	0	0
21	573	5.26	Y	4.164	0	0
22	885	5.56	Y	4.570	0	0
23	859	5.36	Y	4.337	0	0
24	796	5.36	Y	4.664	0	0
25	786	5.26	Y	4.242	0	0
26	806	5.16	Y	4.568	0	0
27	810	5.06	Y	4.222	0	0
28	621	4.86	Y	3.897	0	0
29	782	4.95	Y	4.171	0	0
30	815	5.26	Y	4.424	0	0
31	781	5.9	Y	4.473	0	0
Monthly Cumulative % Off-Spec Water Produced ⁴						0

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: