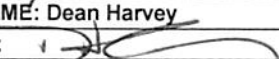


System Name: Canby Utility WS ID#: 00157 WTP ID: A

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	0.06	0.04	OFF	OFF	0.08	0.73	79.99	58.39	9.6	8	4784	Yes
2	OFF	OFF	0.06	0.05	OFF	OFF	0.06	0.77	80.96	62.34	9.3	8	4761	Yes
3	OFF	OFF	0.07	0.05	OFF	OFF	0.07	0.83	75.49	62.66	9.4	8	4809	Yes
4	OFF	OFF	0.06	0.07	OFF	OFF	0.09	0.76	66.02	50.17	10.0	8	5450	Yes
5	OFF	OFF	0.08	0.07	OFF	OFF	0.09	0.72	82.76	59.59	9.9	8	4561	Yes
6	OFF	OFF	0.04	0.06	OFF	OFF	0.06	0.72	77.77	55.99	9.5	8	4625	Yes
7	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.80	81.65	65.32	9.5	8	4692	Yes
8	OFF	OFF	0.04	0.04	OFF	OFF	0.04	0.75	77.74	58.31	9.3	8	4850	Yes
9	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.84	82.38	69.20	9.4	8	4792	Yes
10	OFF	OFF	0.05	0.05	0.05	OFF	0.06	0.80	72.39	57.91	10.1	6	5192	Yes
11	OFF	OFF	0.03	0.04	0.05	OFF	0.06	0.77	67.28	51.81	11.7	6	5452	Yes
12	OFF	OFF	0.05	0.04	0.05	OFF	0.06	0.79	66.62	52.63	13.4	6	5569	Yes
13	OFF	OFF	0.04	0.04	0.08	OFF	0.08	0.78	65.74	51.28	13.9	6	5585	Yes
14	OFF	OFF	0.04	0.04	0.03	0.04	0.06	0.71	61.51	43.67	15.3	4	5542	Yes
15	OFF	OFF	0.04	0.04	0.05	OFF	0.06	0.73	68.24	49.82	15.0	4	5663	Yes
16	OFF	OFF	0.05	0.04	0.05	OFF	0.06	0.75	67.33	50.50	15.1	4	5646	Yes
17	OFF	OFF	0.05	0.05	0.05	OFF	0.06	0.69	69.96	48.27	15.9	4	5638	Yes
18	OFF	OFF	0.06	0.05	0.05	OFF	0.07	0.70	69.98	48.99	15.1	4	5588	Yes
19	OFF	OFF	0.03	0.03	0.03	OFF	0.08	0.75	68.66	51.49	13.8	6	5570.8	Yes
20	OFF	OFF	0.03	0.03	0.04	OFF	0.05	0.73	68.42	49.95	12.9	6	5608	Yes
21	OFF	OFF	0.04	0.04	0.04	OFF	0.05	0.74	69.10	51.14	13.4	6	5563	Yes
22	OFF	OFF	0.04	0.04	OFF	OFF	0.09	0.75	67.42	50.56	12.7	6	5446	Yes
23	OFF	OFF	0.04	0.05	0.05	OFF	0.07	0.73	70.16	51.22	11.8	6	5440	Yes
24	OFF	OFF	0.05	0.03	0.03	OFF	0.09	0.46	73.44	33.78	11.3	6	5311	Yes
25	OFF	OFF	0.04	0.04	0.04	OFF	0.05	0.68	71.27	48.47	11.8	6	5375	Yes
26	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.67	72.35	48.48	12.0	6	5371	Yes
27	OFF	OFF	0.04	0.04	0.04	OFF	0.05	0.7	70.48	49.33	12.6	6	5575	Yes
28	OFF	OFF	0.04	0.04	0.04	OFF	0.05	0.73	63.64	46.46	14.4	6	5663	Yes
29	OFF	OFF	0.04	0.04	0.04	OFF	0.05	0.74	63.76	47.18	14.1	6	5856	Yes
30	OFF	OFF	0.04	0.04	0.04	OFF	0.05	0.77	63.39	48.81	13.7	6	5850	Yes
31	OFF	OFF	0.04	0.04	0.04	OFF	0.05	0.74	64.51	47.74	13.6	6	5742	Yes

Conventional or Direct Filtration 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="checkbox"/> Yes / No All the 4-hour turbidity readings < 1 NTU? <input checked="" type="checkbox"/> Yes / No All turbidity readings < IFE triggers? <input checked="" type="checkbox"/> Yes / No ³		Monthly Summary (circle Yes or No) Virus CT's met everyday? ² <input checked="" type="checkbox"/> Yes / No All Cl ₂ residual at entry point ≥ 0.2 mg/L? ² <input checked="" type="checkbox"/> Yes / No	
Monthly UV Summary (circle Yes or No) Was the volume of off-spec water produced less than 5% for the month? <input checked="" type="checkbox"/> Yes / No		PHONE#: (503) 266-6400 CERT #:6980	DATE: 05/03/2024 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: **May-2024**
 System Name: **Canby Utility** ID# **41- 00157** WTP ID: **A**

Minimum UVT during month: 95.94% % duty sensor variation from reference sensor %: 1.95%
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month 3.5 / 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	741	4.73	Y	1.544	0	0
2	723	4.5	Y	1.621	0	0
3	665	4.19	Y	1.637	0	0
4	685	4.34	Y	1.525	0	0
5	655	4.39	Y	1.466	0	0
6	679	4.38	Y	1.722	0	0
7	731	4.67	Y	1.637	0	0
8	725	4.55	Y	1.561	0	0
9	470	3.66	Y	1.859	0	0
10	784	4.98	Y	2.234	0	0
11	792	4.96	Y	2.633	0	0
12	649	4.09	Y	2.712	0	0
13	597	3.75	Y	2.751	0	0
14	621	3.95	Y	2.596	0	0
15	507	3.46	Y	2.839	0	0
16	610	3.93	Y	2.850	0	0
17	615	3.96	Y	2.895	0	0
18	603	3.79	Y	2.803	0	0
19	654	4.11	Y	2.738	0	0
20	639	4.06	Y	2.708	0	0
21	649	4.06	Y	2.491	0	0
22	288	3.45	Y	2.190	0	0
23	564	3.56	Y	2.440	0	0
24	660	4.16	Y	2.430	0	0
25	544	3.86	Y	2.537	0	0
26	662	4.15	Y	2.472	0	0
27	510	3.56	Y	2.918	0	0
28	627	3.95	Y	2.908	0	0
29	661	4.16	Y	2.736	0	0
30	663	4.21	Y	2.840	0	0
31	662	4.16	Y	3.128	0	0
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: