


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	0.03	0.05	0.05	OFF	0.06	0.88	75.36	66.32	9.9	8	4663	Yes
2	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.91	83.76	76.22	9.8	8	4542	Yes
3	OFF	OFF	0.05	0.03	OFF	OFF	0.06	0.86	71.58	61.56	9.0	8	4692	Yes
4	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.89	72.32	64.37	8.4	8	4685	Yes
5	OFF	OFF	0.05	0.05	0.05	OFF	0.07	0.88	83.68	73.64	8.0	8	4534	Yes
6	OFF	OFF	0.05	0.04	OFF	OFF	0.07	0.76	70.15	53.32	8.0	8	4550	Yes
7	OFF	OFF	0.06	0.06	OFF	OFF	0.08	0.71	81.65	57.97	8.2	8	4509	Yes
8	OFF	OFF	0.06	0.08	OFF	OFF	0.08	0.71	79.54	56.48	8.2	8	4509	Yes
9	OFF	OFF	0.07	0.05	OFF	OFF	0.08	0.79	83.46	65.94	7.9	8	4525	Yes
10	OFF	OFF	0.06	0.06	OFF	OFF	0.11	0.81	79.62	64.50	7.7	8	4611	Yes
11	OFF	OFF	0.06	0.08	OFF	OFF	0.09	0.79	80.19	63.35	7.5	8	4605	Yes
12	OFF	OFF	0.07	0.06	OFF	OFF	0.08	0.77	82.89	63.82	7.5	8	4538	Yes
13	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.86	83.27	71.62	7.9	8	4415	Yes
14	OFF	OFF	0.03	0.03	OFF	OFF	0.06	0.81	87.06	70.52	7.2	8	4500	Yes
15	OFF	OFF	0.03	0.05	OFF	OFF	0.06	0.89	82.62	73.53	6.9	8	4517	Yes
16	OFF	OFF	0.06	0.07	OFF	OFF	0.08	0.83	64.30	53.37	6.7	8	5708	Yes
17	OFF	OFF	0.04	0.06	OFF	OFF	0.07	0.80	79.49	63.59	7.1	8	4556	Yes
18	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.83	79.45	65.94	7.3	8	4598	Yes
19	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.87	79.98	69.59	7.9	8	4511	Yes
20	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.82	86.02	70.54	7.8	8	4552	Yes
21	OFF	OFF	0.05	0.04	OFF	OFF	0.07	0.80	73.86	59.09	8.2	8	4673	Yes
22	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.74	86.24	63.82	8.6	8	4538	Yes
23	OFF	OFF	0.03	0.03	OFF	OFF	0.07	0.71	71.70	50.91	8.4	8	5002	Yes
24	OFF	OFF	0.04	0.03	OFF	OFF	0.04	0.75	72.98	54.74	8.2	8	4700	Yes
25	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.8	69.78	55.82	8.3	8	4627	Yes
26	OFF	OFF	0.04	0.06	OFF	OFF	0.07	0.74	78.10	57.79	8.4	8	4565	Yes
27	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.78	80.07	62.45	8.1	8	4634	Yes
28	OFF	OFF	0.05	0.04	OFF	OFF	0.08	0.77	78.14	60.17	8.1	8	4667	Yes
29	OFF	OFF	0.07	0.06	OFF	OFF	0.07	0.77	80.47	61.96	7.8	8	4480	Yes
30														
31														

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 DATE: 3/5/2024 PRINTED NAME: Dean Harvey SIGNATURE: 	CERT #6980

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-2024**
System Name: **Canby Utility** ID# **41- 00157** WTP ID: **A**

Minimum UVT during month 96.16% % UVT sensor variation from reference sensor %: 4.99%
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	615	4.15	Y	1.572	0	0
2	674	4.36	Y	1.592	0	0
3	532	3.85	Y	1.496	0	0
4	517	3.75	Y	1.543	0	0
5	507	3.66	Y	1.578	0	0
6	683	4.29	Y	1.417	0	0
7	448	3.55	Y	1.450	0	0
8	443	3.54	Y	1.673	0	0
9	746	4.29	Y	1.404	0	0
10	710	4.09	Y	1.540	0	0
11	674	3.95	Y	1.472	0	0
12	643	4.04	Y	1.486	0	0
13	691	4.36	Y	1.657	0	0
14	715	4.6	Y	1.490	0	0
15	546	3.49	Y	1.466	0	0
16	656	4.15	Y	1.526	0	0
17	667	4.29	Y	1.450	0	0
18	728	4.56	Y	1.476	0	0
19	707	4.49	Y	1.380	0	0
20	758	5.33	Y	1.468	0	0
21	626	3.95	Y	1.621	0	0
22	506	3.45	Y	1.607	0	0
23	651	3.98	Y	1.514	0	0
24	1024	4.67	Y	1.501	0	0
25	804	4.38	Y	1.498	0	0
26	634	4.01	Y	1.727	0	0
27	614	3.59	Y	1.403	0	0
28	725	3.75	Y	1.483	0	0
29	673	3.81	Y	1.399	0	0
30				0.000	0	#DIV/0!
31				0.000	0	#DIV/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: