

County: Clackamas

Month/Year: September-2022

System Name: Canby Utility WS ID#: 4100157 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	0.07	0.06	0.08	0.07	0.06	0.07	0.09	0.79	51.51	40.69	22.8	3	4821	Yes
2	0.06	0.05	0.05	0.05	0.06	0.07	0.07	0.86	59.17	50.88	22.6	3	5101	Yes
3	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.87	54.90	47.76	22.1	3	4870	Yes
4	0.06	0.06	0.05	0.06	0.06	0.06	0.07	0.89	53.45	47.57	21.3	3	4908	Yes
5	0.06	0.05	0.06	0.06	0.06	0.07	0.08	0.81	51.23	41.49	21.6	3	5251	Yes
6	0.06	0.05	0.05	0.06	0.06	0.08	0.08	0.94	43.81	41.18	21.1	3	5067	Yes
7	0.06	0.05	0.06	0.06	0.07	0.07	0.08	0.96	53.76	51.61	21.7	3	4791	Yes
8	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.88	53.95	47.48	20.7	3	4817	Yes
9	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.93	55.44	51.56	20.6	3	5110	Yes
10	0.06	0.06	0.05	0.06	0.06	0.06	0.07	0.86	60.96	52.43	21.0	3	5164	Yes
11	0.05	0.05	0.05	0.06	0.05	0.05	0.06	0.82	54.95	45.06	20.2	3	5113	Yes
12	0.05	0.05	0.06	0.06	0.06	0.05	0.07	0.83	63.06	52.34	20.1	3	5083	Yes
13	0.05	OFF	0.05	0.05	0.06	0.05	0.06	0.76	70.78	53.79	20.2	3	4952	Yes
14	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.80	42.88	34.30	20.0	3	4490	Yes
15	0.05	0.04	0.05	0.06	0.06	0.05	0.06	0.80	67.74	54.19	20.2	3	4771	Yes
16	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.75	53.28	39.96	19.9	4	4661	Yes
17	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.81	68.10	55.16	18.9	4	4462	Yes
18	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.81	62.21	50.39	18.9	4	4403	Yes
19	0.04	0.04	0.05	0.04	0.05	0.05	0.06	0.88	41.16	36.22	19.7	4	4585	Yes
20	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.88	50.91	44.81	19.4	4	4735	Yes
21	0.04	0.04	0.05	0.04	0.05	0.05	0.06	0.83	53.80	44.65	19.2	4	4827	Yes
22	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.82	66.39	54.44	19.0	4	4652	Yes
23	0.04	0.04	0.04	0.04	0.06	0.05	0.06	0.85	70.63	60.03	17.9	4	4256	Yes
24	0.04	0.04	0.04	0.04	0.05	0.04	0.05	0.89	60.86	54.17	18.1	4	4450	Yes
25	0.04	0.04	0.04	0.04	0.06	0.05	0.06	0.85	55.90	47.51	18.3	4	4567	Yes
26	0.05	0.04	0.04	0.05	0.06	0.05	0.07	0.86	61.80	53.15	18.8	4	4738	Yes
27	0.04	0.04	0.05	0.05	0.05	0.04	0.05	0.93	53.74	49.98	19.5	4	4526	Yes
28	0.04	0.04	0.05	0.04	0.06	0.05	0.08	0.83	61.94	51.41	19.1	4	4407	Yes
29	0.04	0.04	0.04	0.05	0.05	OFF	0.06	0.81	61.79	50.05	18.4	4	4198	Yes
30	OFF	OFF	0.04	0.06	0.06	OFF	0.06	0.77	73.63	56.70	17.9	4	5025	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: 10/4/2022 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: **September-2022**
System Name: Canby Utility ID# 41- 00157 WTP ID: **A**

Minimum UVT during month: 97.95% %

UVT sensor variation from reference sensor %: 10.57%

Minimum Validated UVT: 54%

Min. UV Intensity achieved/intended this month: 4.96 / 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	659	5.16	Y	4.362	0	0
2	808	5.06	Y	4.317	0	0
3	807	5.06	Y	4.082	0	0
4	638	4.96	Y	3.934	0	0
5	489	5.06	Y	3.914	0	0
6	935	6.60	Y	4.202	0	0
7	901	6.50	Y	4.207	0	0
8	883	6.40	Y	3.926	0	0
9	1069	6.23	Y	4.049	0	0
10	510	6.10	Y	3.927	0	0
11	710	6.20	Y	3.995	0	0
12	714	6.24	Y	3.968	0	0
13	531	6.20	Y	3.669	0	0
14	886	6.30	Y	3.423	0	0
15	706	6.30	Y	3.726	0	0
16	929	6.20	Y	3.639	0	0
17	719	6.13	Y	3.623	0	0
18	950	6.10	Y	3.516	0	0
19	923	6.10	Y	3.715	0	0
20	775	6.10	Y	3.655	0	0
21	983	6.10	Y	3.833	0	0
22	982	6.00	Y	3.550	0	0
23	988	5.80	Y	3.423	0	0
24	777	5.80	Y	3.371	0	0
25	784	5.79	Y	3.454	0	0
26	987	5.81	Y	3.675	0	0
27	796	5.90	Y	3.404	0	0
28	747	5.80	Y	3.249	0	0
29	784	5.70	Y	2.867	0	0
30	968	5.80	Y	2.897	0	0
				0.000		
Monthly Cumulative % Off-Spec Water Produced *						0

* 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: