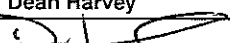


County: Clackamas

Month/Year: August-2021

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 <sup>1</sup>	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) [mg/L] <sup>2</sup>	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? <sup>2</sup> [Yes / No]
1	0.05	0.04	0.04	0.05	0.06	0.07	0.07	0.86	49.97	42.97	25.3	2	5318	Yes
2	0.06	0.05	0.05	0.06	0.07	0.07	0.08	0.86	50.59	43.51	25.8	2	5353	Yes
3	0.05	0.04	0.04	0.05	0.06	0.06	0.07	0.80	56.12	44.90	26.5	2	5540	Yes
4	0.05	0.04	0.05	0.05	0.05	0.05	0.06	0.83	51.08	42.40	25.7	2	5290	Yes
5	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.82	58.51	47.98	26.3	2	5368	Yes
6	0.04	0.03	0.04	0.05	0.05	0.05	0.06	0.83	55.63	46.17	23.9	3	5128	Yes
7	0.04	0.04	0.04	0.00	0.05	0.05	0.05	0.78	58.99	46.02	23.8	3	5473	Yes
8	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.75	59.18	44.39	23.1	3	5414	Yes
9	0.04	0.03	0.04	0.04	0.05	0.05	0.06	0.78	52.31	40.81	22.2	3	5308	Yes
10	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.78	48.66	37.96	23.2	3	5410	Yes
11	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.69	67.37	46.48	24.7	3	5465	Yes
12	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.77	50.46	38.86	26.4	2	5369	Yes
13	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.75	46.82	35.11	26.5	2	5418	Yes
14	0.04	0.05	0.04	0.04	0.05	0.05	0.05	0.82	58.44	47.92	25.9	2	5450	Yes
15	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.75	48.71	36.54	25.5	2	5398	Yes
16	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.73	57.10	41.68	25.3	2	5445	Yes
17	0.04	0.04	0.05	0.05	0.07	0.06	0.07	0.69	61.09	42.15	24.0	3	5039	Yes
18	0.04	0.04	0.04	0.04	0.06	0.05	0.07	0.77	61.50	47.36	21.4	3	5223	Yes
19	0.04	0.04	0.04	0.04	0.07	0.05	0.08	0.78	58.36	45.52	22.4	3	5844	Yes
20	0.04	0.04	0.05	0.05	0.06	0.05	0.07	0.75	61.96	46.47	22.7	3	5092	Yes
21	0.05	0.05	0.05	0.05	0.07	0.08	0.09	0.85	50.08	42.57	21.2	3	4832	Yes
22	0.05	0.05	0.05	0.05	0.06	0.60	0.07	0.92	57.74	53.13	20.7	3	4846	Yes
23	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.90	61.63	55.46	19.2	4	4861	Yes
24	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.92	57.93	53.30	19.3	4	4857	Yes
25	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.79	56.36	44.52	20.4	3	4862	Yes
26	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.77	53.85	41.47	20.9	3	4507	Yes
27	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.78	55.96	43.65	21.0	3	4891	Yes
28	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.82	59.78	49.02	20.0	3	5057	Yes
29	0.05	0.05	0.05	0.05	0.07	0.06	0.07	0.79	52.37	41.37	21.2	3	5191	Yes
30	0.05	0.05	0.05	0.06	0.07	0.06	0.07	0.7	56.21	39.35	19.4	4	4958	Yes
31	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.78	68.05	53.08	20.2	3	4958	Yes

<b>Conventional or Direct Filtration</b> 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes / No All the 4-hour turbidity readings < 1 NTU? <input checked="" type="radio"/> Yes / No All turbidity readings < IFE triggers? <input checked="" type="radio"/> Yes / No <sup>3</sup>		<b>Monthly Summary (circle Yes or No)</b> Virus CT's met everyday? <sup>2</sup> <input checked="" type="radio"/> Yes / No All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/L <sup>2</sup> <input checked="" type="radio"/> Yes / No	
<b>Monthly UV Summary (circle Yes or No)</b> Was the volume of off-spec water produced less than 5% for the month? <input checked="" type="radio"/> Yes / No		PHONE#: ( 503 ) 266-6400 DATE: 9/3/2021 PRINTED NAME: Dean Harvey SIGNATURE: 	CERT #: 6980

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

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

<sup>3</sup> 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-2021**  
**System Name:** Canby Utility **ID#** 41- 00157 **WTP ID:** A

Minimum UVT during month: 96.83% %      UVT sensor variation from reference sensor %: 4.55%  
 Minimum Validated UVT: 54%      Min. UV Intensity achieved/intended this month: 3.7 / 2.67 <sup>mwv</sup>

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 <sup>2</sup> ]	[ Y or N ]	[mgal]	[mgal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * [%]
1	618	4.16	Y	4.616	0	0
2	576	4.16	Y	4.756	0	0
3	404	4.16	Y	4.389	0	0
4	659	4.16	Y	4.619	0	0
5	639	4.06	Y	4.535	0	0
6	660	4.03	Y	4.474	0	0
7	666	4.05	Y	4.148	0	0
8	659	3.95	Y	4.337	0	0
9	553	3.93	Y	4.444	0	0
10	547	3.95	Y	4.704	0	0
11	667	4.06	Y	5.045	0	0
12	652	4.15	Y	4.847	0	0
13	572	4.16	Y	5.138	0	0
14	665	4.15	Y	4.258	0	0
15	651	4.08	Y	4.901	0	0
16	555	4.05	Y	4.361	0	0
17	526	3.85	Y	3.988	0	0
18	535	3.85	Y	4.531	0	0
19	669	4.05	Y	4.221	0	0
20	532	3.95	Y	3.961	0	0
21	633	4.05	Y	3.816	0	0
22	627	3.75	Y	3.623	0	0
23	631	3.73	Y	3.915	0	0
24	627	3.8	Y	4.110	0	0
25	669	3.94	Y	4.032	0	0
26	624	3.73	Y	3.696	0	0
27	538	3.75	Y	3.540	0	0
28	588	3.85	Y	3.700	0	0
29	557	4.06	Y	4.115	0	0
30	644	3.9	Y	3.738	0	0
31	189	3.69	Y	3.571	0	0
Monthly Cumulative % Off-Spec Water Produced <sup>4</sup>						

<sup>4</sup> 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 9.0)						
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 10<sup>th</sup> of following month by email, fax or mail to: