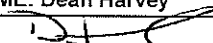


County: Clackamas  
 Month/Year: October-2021

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	OFF	OFF	0.03	0.04	0.04	OFF	0.05	0.80	82.32	65.86	14.1	6	4373	Yes
2	OFF	OFF	0.03	0.04	0.05	OFF	0.07	0.90	88.01	79.21	13.9	6	4511	Yes
3	OFF	OFF	0.03	0.04	0.05	OFF	0.07	0.88	89.98	79.18	14.0	6	4585	Yes
4	OFF	OFF	0.03	0.04	0.06	OFF	0.07	0.78	79.41	61.94	14.0	6	4800	Yes
5	OFF	OFF	0.04	0.05	0.05	OFF	0.06	0.89	81.21	72.28	14.5	6	4341	Yes
6	OFF	OFF	0.04	0.05	0.05	OFF	0.07	0.90	84.40	75.96	14.0	6	4384	Yes
7	OFF	OFF	0.04	0.04	0.04	OFF	0.08	0.90	88.57	79.72	13.4	6	4212	Yes
8	OFF	OFF	0.03	0.04	OFF	OFF	0.08	0.88	79.49	69.95	12.9	6	4535	Yes
9	OFF	OFF	0.04	0.04	0.04	OFF	0.07	0.88	79.37	69.85	12.5	6	4475	Yes
10	OFF	OFF	0.04	0.05	0.05	OFF	0.06	0.93	73.90	68.73	13.2	6	4383	Yes
11	OFF	OFF	0.04	0.04	0.05	OFF	0.08	0.88	82.82	72.88	12.9	6	4375	Yes
12	OFF	OFF	0.04	0.05	0.05	OFF	0.07	0.88	75.48	66.42	12.0	6	4459	Yes
13	OFF	OFF	0.05	0.04	OFF	OFF	0.08	0.87	85.65	74.52	11.4	6	4321	Yes
14	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.86	88.31	75.94	11.4	6	4278	Yes
15	OFF	OFF	0.05	0.05	OFF	OFF	0.08	0.86	88.14	75.80	11.2	6	4342	Yes
16	OFF	OFF	0.04	0.04	OFF	OFF	0.08	0.88	83.31	73.31	11.6	6	4434	Yes
17	OFF	OFF	0.04	0.04	OFF	OFF	0.08	0.86	79.74	68.58	11.8	6	4445	Yes
18	OFF	OFF	0.04	0.04	OFF	OFF	0.07	0.90	80.87	72.78	12.1	6	4272	Yes
19	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.84	94.33	79.23	11.7	6	4224	Yes
20	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.83	95.99	79.67	12.2	6	4234	Yes
21	OFF	OFF	0.04	0.04	OFF	OFF	0.07	0.78	95.63	74.59	12.3	6	4189	Yes
22	OFF	OFF	OFF	0.05	OFF	OFF	0.08	0.70	90.19	63.13	12.2	6	4368	Yes
23	OFF	OFF	0.05	0.05	OFF	OFF	0.08	0.68	81.17	55.20	12.4	6	4435	Yes
24	OFF	OFF	0.05	0.05	OFF	OFF	0.05	0.59	83.36	49.18	12.1	6	4468	Yes
25	OFF	OFF	0.04	0.05	OFF	OFF	0.08	0.73	85.85	62.67	11.8	6	4260	Yes
26	OFF	OFF	0.04	0.07	OFF	OFF	0.10	0.82	79.09	64.85	11.4	6	4155	Yes
27	OFF	OFF	0.06	0.02	0.03	OFF	0.06	0.92	82.25	75.67	11.2	6	4152	Yes
28	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.81	87.59	70.95	12.0	6	4258	Yes
29	OFF	OFF	0.03	0.04	OFF	OFF	0.04	0.73	97.54	71.21	11.9	6	4224	Yes
30	OFF	OFF	0.03	0.03	OFF	OFF	0.06	0.7	83.37	58.36	12.0	6	4443	Yes
31	OFF	OFF	0.03	0.04	OFF	OFF	0.04	0.69	87.21	60.17	11.6	6	4462	Yes

<b>Conventional or Direct Filtration</b> 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No All the 4-hour turbidity readings < 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No All turbidity readings < IFE triggers? <input checked="" type="radio"/> Yes / <input type="radio"/> 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 / <input type="radio"/> No All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/L? <sup>2</sup> <input checked="" type="radio"/> Yes / <input type="radio"/> 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 / <input type="radio"/> No		PHONE#: ( 503 ) 266-6400 CERT #: 6980 DATE: 11/03/2021 PRINTED NAME: Dean Harvey SIGNATURE: 	

<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:** **October-2021**  
**System Name:** Canby Utility ID# 41- 00157 WTP ID: **A**

Minimum UVT during month: 96.61% %      UVT sensor variation from reference sensor %: 6.33%  
 Minimum Validated UVT: 54%      Min. UV Intensity achieved/intended this month: 3.26 / 2.67 <sup>mW/cm<sup>2</sup></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}) * 100 [%]
1	579	3.95	Y	2.261	0	0
2	617	3.95	Y	1.842	0	0
3	650	3.95	Y	1.859	0	0
4	620	4.06	Y	1.939	0	0
5	652	4.09	Y	1.933	0	0
6	662	3.98	Y	1.868	0	0
7	517	3.76	Y	1.796	0	0
8	529	3.75	Y	1.918	0	0
9	545	3.85	Y	1.744	0	0
10	557	3.96	Y	1.645	0	0
11	667	3.95	Y	1.836	0	0
12	484	3.85	Y	1.804	0	0
13	619	3.75	Y	1.613	0	0
14	596	3.85	Y	1.655	0	0
15	603	3.85	Y	1.773	0	0
16	512	3.76	Y	1.577	0	0
17	619	3.85	Y	1.504	0	0
18	623	3.94	Y	1.703	0	0
19	626	3.95	Y	1.668	0	0
20	740	4.36	Y	1.550	0	0
21	577	3.85	Y	1.470	0	0
22	706	4.16	Y	1.673	0	0
23	710	4.13	Y	1.522	0	0
24	707	4.34	Y	1.446	0	0
25	545	3.91	Y	1.703	0	0
26	500	3.26	Y	1.377	0	0
27	541	3.46	Y	1.772	0	0
28	696	4.09	Y	1.591	0	0
29	582	3.65	Y	1.384	0	0
30	608	3.56	Y	1.505	0	0
31	687	4.35	Y	1.372	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:**