


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	0.04	0.05	0.04	OFF	0.06	0.97	74.34	72.11	8.3	8	4563	Yes
2	OFF	OFF	0.05	0.05	0.05	OFF	0.06	0.80	84.07	67.26	9.0	8	4508	Yes
3	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.62	82.89	51.39	9.8	8	4517	Yes
4	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.66	73.09	48.24	11.7	6	4725	Yes
5	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.59	64.00	37.76	11.6	6	4858	Yes
6	OFF	OFF	0.07	0.06	OFF	OFF	0.10	0.61	73.60	44.90	11.5	6	4684	Yes
7	OFF	OFF	0.05	0.06	0.05	OFF	0.08	0.75	82.27	61.70	11.4	6	4521	Yes
8	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.71	72.57	51.53	10.4	6	4942	Yes
9	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.71	82.78	58.77	10.0	6	4796	Yes
10	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.76	74.24	56.43	9.4	8	4627	Yes
11	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.78	72.47	56.53	9.8	8	4702	Yes
12	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.78	68.43	53.38	9.6	8	4733	Yes
13	OFF	OFF	0.04	0.03	OFF	OFF	0.07	0.79	78.06	61.67	9.3	8	4617	Yes
14	OFF	OFF	0.03	0.05	OFF	OFF	0.05	0.79	82.34	65.05	9.3	8	4619	Yes
15	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.87	81.73	71.10	9.4	8	4615	Yes
16	OFF	OFF	0.03	0.04	OFF	OFF	0.04	0.84	83.71	70.31	9.3	8	4535	Yes
17	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.84	83.45	70.10	8.9	8	4642	Yes
18	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.80	63.22	50.58	9.2	8	5634	Yes
19	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.73	75.05	54.79	8.9	8	4652	Yes
20	OFF	OFF	0.06	0.07	OFF	OFF	0.07	0.67	80.61	54.01	8.3	8	4608	Yes
21	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.65	81.48	52.96	7.8	8	4694	Yes
22	OFF	OFF	0.03	0.03	OFF	OFF	0.06	0.70	76.12	53.28	8.3	8	4775	Yes
23	OFF	OFF	0.04	0.04	OFF	OFF	0.04	0.75	73.13	54.85	8.2	8	4879	Yes
24	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.75	73.75	55.31	7.8	8	4590	Yes
25	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.74	74.83	55.38	6.9	8	4704	Yes
26	OFF	OFF	0.03	0.05	OFF	OFF	0.06	0.75	69.92	52.44	6.0	8	4698	Yes
27	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.68	83.92	57.07	4.8	12	4521	Yes
28	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.64	83.61	53.51	4.0	12	4561	Yes
29	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.63	85.81	54.06	4.0	12	4517	Yes
30	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.61	77.88	47.51	4.2	12	4588	Yes
31														

<b>Conventional or Direct Filtration</b> 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 <sup>3</sup>		<b>Monthly Summary (circle Yes or No)</b> Virus CT's met everyday? <sup>2</sup> <input checked="" type="checkbox"/> Yes / No All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/L? <sup>2</sup> <input checked="" type="checkbox"/> 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="checkbox"/> Yes / No		PHONE#: (503) 266-6400 DATE: 12/6/2023 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: **November-2023**  
 System Name: Canby Utility ID# 41- 00157 WTP ID: A

Minimum UVT during month 96.61% %      UVT sensor variation from reference sensor %: 0.75%  
 Minimum Validated UVT: 54%      Min. UV Intensity achieved/intended this month 3.5 / 2.67 <sup>mvv</sup>/cm<sup>2</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	631	4.24	Y	1.514	0	0
2	784	3.93	Y	1.603	0	0
3	586	3.75	Y	1.583	0	0
4	720	4.56	Y	1.560	0	0
5	576	4.49	Y	1.622	0	0
6	413	3.55	Y	1.615	0	0
7	365	3.45	Y	1.549	0	0
8	678	4.26	Y	1.595	0	0
9	733	5.71	Y	1.581	0	0
10	550	3.45	Y	1.492	0	0
11	576	3.91	Y	1.601	0	0
12	664	4.17	Y	1.557	0	0
13	652	4.1	Y	1.668	0	0
14	898	5.56	Y	1.525	0	0
15	439	3.46	Y	1.581	0	0
16	741	4.69	Y	1.446	0	0
17	871	5.36	Y	1.463	0	0
18	606	3.86	Y	1.530	0	0
19	699	4.35	Y	1.438	0	0
20	698	3.63	Y	1.641	0	0
21	706	4.45	Y	1.516	0	0
22	583	3.69	Y	1.583	0	0
23	727	4.58	Y	1.566	0	0
24	731	4.56	Y	1.436	0	0
25	728	4.58	Y	1.340	0	0
26	715	4.49	Y	1.582	0	0
27	736	4.58	Y	1.584	0	0
28	697	4.35	Y	1.502	0	0
29	700	4.4	Y	1.493	0	0
30	732	4.61	Y	1.433	0	0
31				0.000	0	#DIV/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.

<b>For previous page calculation - Required CT for viral inactivation (for pH range of 6.0 to 9.9)</b>						
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:**