

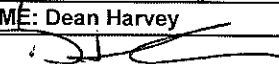
System Name: Canby Utility      WS ID#: 00157      WTP ID: A

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	0.05	0.04	OFF	OFF	0.08	0.75	74.96	56.22	5.3	8	4370	Yes
2	OFF	OFF	0.04	0.04	OFF	OFF	0.09	0.76	77.73	59.08	5.1	8	4414	Yes
3	OFF	OFF	OFF	0.05	0.03	OFF	0.05	0.73	80.38	58.67	5.6	8	4344	Yes
4	OFF	OFF	0.05	0.03	0.04	OFF	0.06	0.73	66.64	48.65	7.5	8	4285	Yes
5	OFF	OFF	0.04	0.04	0.03	OFF	0.06	0.71	73.05	51.87	8.0	8	4224	Yes
6	OFF	OFF	0.04	0.05	0.03	OFF	0.07	0.72	76.25	54.90	9.0	8	4217	Yes
7	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.69	82.34	56.82	9.4	8	4255	Yes
8	OFF	OFF	0.03	0.03	OFF	OFF	0.03	0.72	79.88	57.51	8.9	8	4407	Yes
9	OFF	OFF	0.02	0.03	OFF	OFF	0.05	0.73	73.44	53.61	8.2	8	4459	Yes
10	OFF	OFF	0.02	0.04	0.05	OFF	0.06	0.75	73.24	54.93	8.0	8	4245	Yes
11	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.76	87.74	66.68	8.0	8	4194	Yes
12	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.72	88.46	63.69	8.5	8	4259	Yes
13	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.75	84.21	63.16	8.9	8	4293	Yes
14	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.76	78.81	59.90	8.3	8	4316	Yes
15	OFF	OFF	0.04	0.03	OFF	OFF	0.05	0.76	87.33	66.37	7.2	8	4273	Yes
16	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.76	81.21	61.72	7.0	8	4352	Yes
17	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.75	82.91	62.18	7.0	8	4374	Yes
18	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.74	86.61	64.09	7.0	8	4174	Yes
19	OFF	OFF	0.03	0.05	OFF	OFF	0.07	0.77	91.26	70.27	7.6	8	4179	Yes
20	OFF	OFF	0.04	0.05	OFF	OFF	0.08	0.79	86.15	68.06	8.8	8	4207	Yes
21	OFF	OFF	0.04	0.06	OFF	OFF	0.08	0.79	83.40	65.89	8.0	8	4271	Yes
22	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.79	83.65	66.08	7.7	8	4504	Yes
23	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.83	77.13	64.02	6.6	8	4519	Yes
24	OFF	OFF	0.04	0.05	OFF	OFF	0.08	0.78	88.32	68.89	5.8	8	4318	Yes
25	OFF	OFF	0.04	0.06	OFF	OFF	0.08	0.78	89.12	69.51	5.2	8	4231	Yes
26	OFF	OFF	0.04	0.06	OFF	OFF	0.07	0.81	89.40	72.41	4.7	12	4267	Yes
27	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.87	90.28	78.54	4.3	12	4266	Yes
28	OFF	OFF	0.05	0.06	OFF	OFF	0.09	0.89	83.58	74.39	3.9	12	4494	Yes
29	OFF	OFF	0.06	0.05	OFF	OFF	0.07	0.9	84.00	75.60	4.0	12	4472	Yes
30	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.83	82.35	68.35	4.3	12	4487	Yes
31	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.76	87.96	66.85	4.6	12	4374	Yes

**Conventional or Direct Filtration**  
 95% of the 4-hour turbidity readings ≤ 0.3 NTU? Yes / No  
 All the 4-hour turbidity readings < 1 NTU? Yes / No  
 All turbidity readings < IFE triggers? Yes / No<sup>3</sup>

**Monthly Summary (circle Yes or No)**  
 Virus CT's met everyday?<sup>2</sup> Yes / No  
 All Cl<sub>2</sub> residual at entry point ≥ 0.2 mg/L?<sup>2</sup> Yes / No

**Monthly UV Summary (circle Yes or No)**  
 Was the volume of off-spec water produced less than 5% for the month? Yes / No

PHONE#: (503) 266-6400      CERT #: 6980  
 DATE: 2/1/22  
 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:** **January-2022**  
**System Name:** Canby Utility **ID#** 41- 00157 **WTP ID:** A

Minimum UVT during month 97.95% %      UVT sensor variation from reference sensor %: 8.83%  
 Minimum Validated UVT: 54%      Min. UV Intensity achieved/intended this month: 3.1 / 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	484	3.15	Y	1.500	0	0
2	542	3.16	Y	1.340	0	0
3	507	3.15	Y	1.497	0	0
4	624	3.64	Y	1.541	0	0
5	466	3.25	Y	1.622	0	0
6	298	3.06	Y	1.571	0	0
7	759	4.39	Y	1.538	0	0
8	537	3.26	Y	1.451	0	0
9	523	3.15	Y	1.284	0	0
10	411	3.15	Y	1.665	0	0
11	655	3.89	Y	1.455	0	0
12	567	3.34	Y	1.471	0	0
13	754	4.39	Y	1.460	0	0
14	576	3.38	Y	1.688	0	0
15	594	3.49	Y	1.688	0	0
16	662	3.89	Y	1.233	0	0
17	767	4.49	Y	1.370	0	0
18	762	4.56	Y	1.542	0	0
19	638	4.26	Y	1.421	0	0
20	751	4.39	Y	1.464	0	0
21	537	4.05	Y	1.493	0	0
22	631	4.08	Y	1.469	0	0
23	561	3.95	Y	1.486	0	0
24	345	3.65	Y	1.525	0	0
25	768	4.48	Y	1.514	0	0
26	537	3.45	Y	1.492	0	0
27	613	4.42	Y	1.457	0	0
28	600	4.25	Y	1.785	0	0
29	518	3.66	Y	1.542	0	0
30	492	3.66	Y	1.346	0	0
31	609	4.23	Y	1.524	0	0
Monthly Cumulative % Off-Spec Water Produced <sup>4</sup>						0

<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 8.0)						
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: