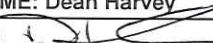


OHA - Drinking Water Services - Surface Water Quality Data Form								County: Clackamas						
Filtration with UV <i>Giardia/Crypto</i> Disinfection								Month/Year: July-2023						
System Name: Canby Utility		WS ID#: 00157			WTP ID: A									
Day	Turbidity							Viral CT's						
	12 AM [NTU]	4 AM [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	0.05	0.04	0.04	0.05	0.05	0.06	0.79	56.49	44.63	25.1	2	5527	Yes
2	0.05	0.04	0.04	0.05	0.06	0.06	0.06	0.85	58.96	50.12	24.9	3	5403	Yes
3	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.90	55.33	49.80	25.0	2	5508	Yes
4	0.05	0.04	0.05	0.04	0.05	0.06	0.06	0.97	51.83	50.28	24.5	3	5383	Yes
5	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.77	57.53	44.30	25.5	2	5253	Yes
6	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.86	56.58	48.66	26.4	2	5331	Yes
7	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.88	44.38	39.06	24.4	3	5160	Yes
8	0.05	0.04	0.05	0.05	0.05	0.05	0.06	0.80	49.06	39.25	24.2	3	5097	Yes
9	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.94	67.52	63.47	23.5	3	5171	Yes
10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.94	60.86	57.21	24.0	3	5097	Yes
11	0.04	OFF	0.05	0.04	0.06	0.05	0.06	0.91	57.73	52.53	22.8	3	5386	Yes
12	0.05	0.05	0.05	0.05	0.07	0.06	0.07	0.94	47.10	44.27	25.0	2	5557	Yes
13	0.05	OFF	0.05	0.05	0.04	0.05	0.06	0.76	52.93	40.23	25.4	2	5331	Yes
14	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.69	50.45	34.81	25.9	2	5075	Yes
15	0.05	0.05	0.05	0.04	0.05	0.06	0.06	0.76	52.09	39.59	26.7	2	5276	Yes
16	0.05	0.04	0.05	0.05	0.04	0.04	0.05	0.74	57.76	42.75	27.0	2	5570	Yes
17	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.69	61.11	42.16	26.4	2	5185	Yes
18	0.04	0.05	0.05	0.04	0.04	0.04	0.05	0.77	47.77	36.79	24.3	3	5423	Yes
19	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.81	44.21	35.81	24.9	3	5338	Yes
20	0.05	0.04	0.05	0.05	0.05	0.05	0.06	0.84	56.88	47.78	26.0	2	5466	Yes
21	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.84	56.34	47.32	26.1	2	5753	Yes
22	0.05	0.05	0.06	0.05	0.06	0.05	0.07	0.87	62.06	53.99	28.4	2	5448	Yes
23	0.04	0.04	0.04	0.04	0.05	0.06	0.06	0.80	56.66	45.33	26.6	2	5662	Yes
24	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.86	55.62	47.83	25.6	2	5182	Yes
25	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.85	72.35	61.50	24.4	3	5298	Yes
26	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.81	47.44	38.43	24.5	3	5577	Yes
27	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.9	57.68	51.91	24.8	3	5367	Yes
28	0.06	0.06	0.04	0.04	0.04	0.05	0.07	0.86	41.85	35.99	24.5	3	5450	Yes
29	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.84	57.12	47.98	25.1	2	5379	Yes
30	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.83	52.90	43.91	25.0	2	5516	Yes
31	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.83	56.22	46.66	24.8	3	5672	Yes

<b>Conventional or Direct Filtration</b>		<b>Monthly Summary (circle Yes or No)</b>	
95% of the 4-hour turbidity readings ≤ 0.3 NTU?	<u>Yes</u> / No	Virus CT's met everyday? <sup>2</sup>	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/L? <sup>2</sup>
All the 4-hour turbidity readings < 1 NTU?	<u>Yes</u> / No	<u>Yes</u> / No	<u>Yes</u> / No
All turbidity readings < IFE triggers?	<u>Yes</u> / No <sup>3</sup>		
<b>Monthly UV Summary (circle Yes or No)</b>		PHONE#: ( 503 ) 266-6400	CERT #:6980
Was the volume of off-spec water produced less than 5% for the month?		DATE: 8/8/2023	PRINTED NAME: Dean Harvey
<u>Yes</u> / No		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: July-2023  
 System Name: Canby Utility ID# 41- 00157 WTP ID: A

Minimum UVT during month 97.72% % Duty sensor variation from reference sensor %: 6.27%  
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month: 3.5 / 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
	[ <sup>gpm</sup> / <sub>unit</sub> ]	[ <sup>mW</sup> / <sub>cm<sup>2</sup></sub> ]	[ Y or N ]	[mgal]	[mgal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	684	3.99	Y	4.454	0	0
2	560	3.66	Y	4.644	0	0
3	686	4.1	Y	4.395	0	0
4	660	4.24	Y	5.122	0	0
5	638	3.99	Y	4.708	0	0
6	755	4.56	Y	5.124	0	0
7	837	4.3	Y	5.004	0	0
8	825	4.59	Y	4.254	0	0
9	787	4.69	Y	4.460	0	0
10	1125	4.8	Y	4.750	0	0
11	765	4.51	Y	4.089	0	0
12	743	4.66	Y	4.096	0	0
13	540	3.46	Y	4.152	0	0
14	660	3.9	Y	5.061	0	0
15	520	3.5	Y	5.591	0	0
16	652	4.16	Y	4.941	0	0
17	625	3.7	Y	4.590	0	0
18	653	3.98	Y	4.563	0	0
19	678	3.99	Y	5.029	0	0
20	947	4.4	Y	4.998	0	0
21	930	4.3	Y	4.825	0	0
22	856	4.29	Y	4.639	0	0
23	932	4.2	Y	4.752	0	0
24	479	4.05	Y	4.828	0	0
25	914	4.2	Y	3.853	0	0
26	636	4	Y	4.576	0	0
27	660	4.26	Y	4.444	0	0
28	915	4.64	Y	4.769	0	0
29	798	4.99	Y	4.408	0	0
30	768	4.6	Y	4.573	0	0
31	811	4.79	Y	4.759	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 9.9)						
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 10<sup>th</sup> of following month by email, fax or mail to: