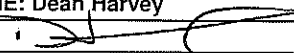


<b>OHA - Drinking Water Services - Surface Water Quality Data Form</b>										County: Clackamas				
<b>Filtration with UV <i>Giardia/Crypto</i> Disinfection</b>										Month/Year: February-2023				
System Name: Canby Utility				WS ID#: 00157			WTP ID: A							
Day	Turbidity							Viral CT's						
	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	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.76	87.41	66.43	3.3	12	4275	Yes
2	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.79	81.72	64.56	3.4	12	4394	Yes
3	OFF	OFF	0.04	0.06	OFF	OFF	0.07	0.73	90.19	65.84	3.8	12	4309	Yes
4	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.74	82.63	61.15	5.2	8	4307	Yes
5	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.73	82.63	60.32	6.6	8	4442	Yes
6	OFF	OFF	0.06	0.06	OFF	OFF	0.08	0.79	81.07	64.05	7.1	8	4328	Yes
7	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.74	86.18	63.78	7.2	8	4343	Yes
8	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.82	89.05	73.02	6.8	8	4286	Yes
9	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.86	88.06	75.73	6.6	8	4320	Yes
10	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.87	87.61	76.22	7.2	8	4396	Yes
11	OFF	OFF	0.06	0.07	OFF	OFF	0.08	0.92	73.96	68.04	7.5	8	4559	Yes
12	OFF	OFF	0.07	0.06	OFF	OFF	0.08	0.90	78.62	70.76	7.0	8	4402	Yes
13	OFF	OFF	0.08	0.04	OFF	OFF	0.10	0.85	84.87	72.14	7.0	8	4367	Yes
14	OFF	OFF	0.04	0.03	OFF	OFF	0.07	0.84	88.43	74.28	6.6	8	4226	Yes
15	OFF	OFF	0.05	0.06	0.04	OFF	0.07	0.63	78.32	49.34	5.8	8	4321	Yes
16	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.79	85.76	67.75	5.3	8	4287	Yes
17	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.77	87.49	67.37	5.3	8	4332	Yes
18	OFF	OFF	0.04	0.03	OFF	OFF	0.04	0.70	77.02	53.91	6.3	8	4455	Yes
19	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.68	78.64	53.47	7.0	8	4462	Yes
20	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.64	80.55	51.55	7.5	8	4397	Yes
21	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.60	86.97	52.18	7.5	8	4398	Yes
22	OFF	OFF	0.03	0.05	OFF	OFF	0.06	0.62	85.76	53.17	7.3	8	4367	Yes
23	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.70	78.20	54.74	6.3	8	4270	Yes
24	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.64	82.97	53.10	5.1	8	4356	Yes
25	OFF	OFF	0.04	0.03	OFF	OFF	0.05	0.68	78.85	53.62	4.0	12	4414	Yes
26	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.7	80.06	56.04	4.2	12	4383	Yes
27	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.68	85.08	57.85	4.3	12	4366	Yes
28	OFF	OFF	0.04	0.05	OFF	OFF	0.08	0.72	85.50	61.56	4.8	12	4293	Yes
29														
30														
31														
<b>Conventional or Direct Filtration</b>								<b>Monthly Summary (circle Yes or No)</b>						
95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="checkbox"/> Yes / No								Virus CT's met everyday? <sup>2</sup> <input checked="" type="checkbox"/> Yes / No						
All the 4-hour turbidity readings < 1 NTU? <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						
All turbidity readings < IFE triggers? <input checked="" type="checkbox"/> Yes / 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? <input checked="" type="checkbox"/> Yes / No								DATE: 3/6/2023						
								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: **February-2023**  
 System Name: **Canby Utility** ID# **41- 00157** WTP ID: **A**

Minimum UVT during month: **97.5 %** UVT sensor variation from reference sensor %: **15.53%**  
 Minimum Validated UVT: **54%** Min. UV Intensity achieved/intended this month: **3.5 / 2.67<sup>mw</sup>/cm<sup>2</sup>**

Date	Peak Hourly Demand Flow [gpm/unit]	Minimum Intensity [ <sup>mw</sup> /cm <sup>2</sup> ]	All Lamps On? [ Y or N ]	Daily Water Produced {A} [mgal]	Water outside Validated Conditions {B} [mgal]	Cumulative % Off-Spec Water Produced (Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	593	4.05	Y	1.427	0	0
2	604	3.91	Y	1.540	0	0
3	679	3.83	Y	1.448	0	0
4	601	3.91	Y	1.410	0	0
5	788	4.91	Y	1.494	0	0
6	680	3.81	Y	1.575	0	0
7	573	3.73	Y	1.485	0	0
8	545	3.68	Y	1.406	0	0
9	563	3.73	Y	1.454	0	0
10	547	3.79	Y	1.471	0	0
11	633	3.83	Y	1.556	0	0
12	638	3.81	Y	1.510	0	0
13	556	3.83	Y	1.500	0	0
14	181	3.46	Y	1.294	0	0
15	582	3.51	Y	1.616	0	0
16	610	3.68	Y	1.425	0	0
17	602	3.68	Y	1.388	0	0
18	569	3.79	Y	1.598	0	0
19	618	3.75	Y	1.452	0	0
20	614	3.75	Y	1.574	0	0
21	619	3.69	Y	1.529	0	0
22	755	4.70	Y	1.491	0	0
23	616	3.59	Y	1.501	0	0
24	812	4.71	Y	1.451	0	0
25	594	3.53	Y	1.480	0	0
26	787	4.64	Y	1.431	0	0
27	593	3.59	Y	1.496	0	0
28	672	3.49	Y	1.507	0	0
29				0.000	0	#DIV/0!
30				0.000	0	#DIV/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.

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: