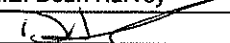


OHA - Drinking Water Services - Surface Water Quality Data Form								County: Clackamas						
Filtration with UV <i>Giardia/Crypto</i> Disinfection								Month/Year: May-2022						
System Name: Canby Utility		WS ID#: 00157		WTP ID: A										
Day	Turbidity							Viral CT's						
	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest NTU of the day ¹	Minimum Cl ₂ Residual at 1 st User (C) [mg/L] ²	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? ² [Yes / No]
1	OFF	OFF	0.03	0.04	OFF	OFF	0.06	0.72	88.67	63.84	9.9	8	4416	Yes
2	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.67	89.82	60.18	9.8	8	4298	Yes
3	OFF	OFF	0.04	0.06	OFF	OFF	0.07	0.76	92.25	70.11	10.2	6	4185	Yes
4	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.78	80.63	62.89	10.1	6	4169	Yes
5	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.78	92.02	71.77	10.4	6	4140	Yes
6	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.81	89.94	72.85	10.8	6	4188	Yes
7	OFF	OFF	OFF	0.05	OFF	OFF	0.06	0.76	96.60	73.42	10.4	6	3701	Yes
8	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.71	88.22	62.63	10.0	6	4309	Yes
9	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.72	91.60	65.95	9.7	8	4189	Yes
10	OFF	OFF	0.07	0.07	0.05	OFF	0.11	0.68	81.38	55.34	9.4	8	4265	Yes
11	OFF	OFF	0.06	0.05	OFF	OFF	0.07	0.63	87.35	55.03	9.7	8	4366	Yes
12	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.67	89.44	59.93	10.1	6	4282	Yes
13	OFF	OFF	0.05	0.04	OFF	OFF	0.09	0.74	83.51	61.80	9.5	8	4252	Yes
14	OFF	OFF	0.03	0.03	OFF	OFF	0.06	0.75	79.52	59.64	10.0	6	4315	Yes
15	OFF	OFF	0.04	0.02	OFF	OFF	0.05	0.73	76.46	55.82	10.9	6	4387	Yes
16	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.69	88.48	61.05	10.9	6	4303	Yes
17	OFF	OFF	0.03	0.02	OFF	OFF	0.04	0.67	87.59	58.69	10.8	6	4313	Yes
18	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.71	85.08	60.41	11.1	6	4319	Yes
19	OFF	OFF	0.03	0.03	OFF	OFF	0.03	0.68	88.23	60.00	10.7	6	4349	Yes
20	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.68	87.45	59.46	10.3	6	4326	Yes
21	OFF	OFF	0.04	0.03	OFF	OFF	0.05	0.71	89.52	63.56	10.1	6	4260	Yes
22	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.68	108.28	73.63	11.1	6	3623	Yes
23	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.61	82.80	50.51	11.3	6	4634	Yes
24	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.62	81.49	50.53	12.5	6	4647	Yes
25	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.68	81.95	55.72	13.3	6	4625	Yes
26	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.71	81.92	58.17	13.9	6	4655	Yes
27	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.76	88.78	67.47	14.1	6	4262	Yes
28	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.77	85.46	65.81	13.8	6	4436	Yes
29	OFF	OFF	0.04	0.04	OFF	OFF	0.04	0.74	85.26	63.09	13.1	6	4396	Yes
30	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.72	81.86	58.94	12.6	6	4524	Yes
31	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.75	84.70	63.52	12.5	6	4365	Yes

Conventional or Direct Filtration				Monthly Summary (circle Yes or No)			
95% of the 4-hour turbidity readings ≤ 0.3 NTU?	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Virus CT's met everyday? ²		<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		All Cl ₂ residual at entry point ≥ 0.2 mg/L? ²	
All the 4-hour turbidity readings < 1 NTU?	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No					<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	
All turbidity readings < IFE triggers?	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No ³						
Monthly UV Summary (circle Yes or No)				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 / <input type="checkbox"/> No		DATE: 06/06/2022	
						PRINTED NAME: Dean Harvey	
						SIGNATURE: 	

¹ Highest NTU of the day is for optimization, not compliance. Highest is only for state-wide tracking of performance among all treatment systems.

² If CT not met or Cl₂ at entry point (1st user) < 0.2 mg/L, notify DWS within 24 hours.

³ 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: **May-2022**
 System Name: Canby Utility ID# 41- 00157 WTP ID: **A**

Minimum UVT during month 96.38% % UVT sensor variation from reference sensor %: 1.76%
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month 3.66 / 2.67 ^{mW/cm²}

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 ²]	[Y or N]	[mgal]	[mgal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	754	4.23	Y	1.411	0	0
2	652	4.44	Y	1.521	0	0
3	545	4.25	Y	1.424	0	0
4	631	3.89	Y	1.378	0	0
5	693	4.36	Y	1.600	0	0
6	663	4.13	Y	1.516	0	0
7	659	4.23	Y	1.264	0	0
8	660	4.13	Y	1.497	0	0
9	537	4.13	Y	1.324	0	0
10	363	3.75	Y	0.940	0	0
11	690	4.24	Y	2.030	0	0
12	647	4.14	Y	1.557	0	0
13	596	3.8	Y	1.460	0	0
14	617	3.88	Y	1.323	0	0
15	618	3.8	Y	1.388	0	0
16	775	4.48	Y	1.608	0	0
17	684	4.34	Y	1.508	0	0
18	700	4.34	Y	1.522	0	0
19	702	4.24	Y	1.508	0	0
20	577	3.66	Y	1.565	0	0
21	593	3.75	Y	1.595	0	0
22	585	3.95	Y	1.612	0	0
23	572	4.05	Y	1.847	0	0
24	575	3.98	Y	1.794	0	0
25	610	4.29	Y	1.723	0	0
26	570	4.05	Y	1.777	0	0
27	724	4.56	Y	1.727	0	0
28	640	4.21	Y	1.682	0	0
29	642	4.04	Y	1.436	0	0
30	623	3.95	Y	1.548	0	0
31	824	4.84	Y	1.831	0	0
Monthly Cumulative % Off-Spec Water Produced ⁴						

⁴ 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 6.6 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 10th of following month by email, fax or mail to: