


OHA - Drinking Water Services - Surface Water Quality Data Form										County: Clackamas					
Filtration with UV <i>Giardia/Crypto</i> Disinfection										Month/Year: June-2022					
System Name: Canby Utility				WS ID#: 00157				WTP ID: A							
Day	Turbidity							Viral CT's							Clearwell level (ft)
	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	0.04	0.04	0.03	OFF	0.06	0.66	81.49	53.78	12.4	6	4656	Yes	37.11
2	OFF	OFF	0.03	0.04	0.04	OFF	0.06	0.72	85.50	61.56	13.5	6	4555	Yes	38.09
3	OFF	OFF	0.03	0.03	0.04	OFF	0.05	0.74	82.24	60.86	14.4	6	4714	Yes	37.92
4	OFF	OFF	0.03	0.04	OFF	OFF	0.06	0.85	78.69	66.88	14.6	6	4436	Yes	34.14
5	OFF	OFF	0.03	0.05	OFF	OFF	0.06	0.78	75.78	59.11	14.2	6	4497	Yes	33.33
6	OFF	OFF	0.05	0.04	OFF	OFF	0.07	0.74	89.76	66.42	14.7	6	4275	Yes	37.53
7	OFF	OFF	0.05	0.05	0.05	OFF	0.08	0.52	84.26	43.82	14.2	6	4590	Yes	37.83
8	OFF	OFF	0.06	0.04	OFF	OFF	0.06	0.64	80.07	51.25	13.6	6	4760	Yes	37.28
9	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.47	83.28	39.14	13.9	6	4572	Yes	37.24
10	OFF	OFF	0.05	0.03	OFF	OFF	0.07	0.75	85.36	64.02	14.4	6	4543	Yes	37.93
11	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.74	80.65	59.68	14.6	6	4447	Yes	35.08
12	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.66	77.45	51.12	13.9	6	4438	Yes	33.62
13	OFF	OFF	0.04	0.04	0.04	OFF	0.05	0.46	87.42	40.21	13.2	6	4283	Yes	36.62
14	OFF	OFF	0.04	0.04	0.06	OFF	0.07	0.76	82.39	62.61	12.9	6	4362	Yes	35.15
15	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.82	88.13	72.26	12.5	6	4274	Yes	36.84
16	OFF	OFF	0.03	0.06	OFF	OFF	0.06	0.80	87.13	69.71	12.4	6	4304	Yes	36.68
17	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.77	90.11	69.39	13.0	6	4257	Yes	37.52
18	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.78	84.72	66.08	12.8	6	4463	Yes	36.98
19	OFF	OFF	0.04	0.04	0.04	OFF	0.08	0.73	82.25	60.04	12.9	6	4419	Yes	35.55
20	OFF	OFF	0.05	0.04	0.05	OFF	0.07	0.71	80.56	57.20	13.3	6	4471	Yes	35.23
21	OFF	OFF	0.05	0.05	0.05	OFF	0.08	0.57	81.32	46.36	13.4	6	4771	Yes	37.95
22	OFF	OFF	0.05	0.05	0.05	OFF	0.07	0.45	75.42	33.94	14.4	6	5071	Yes	37.41
23	OFF	OFF	0.04	0.03	0.03	OFF	0.08	0.65	71.34	46.37	16.1	4	5343	Yes	37.28
24	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.76	73.12	55.57	16.5	4	4725	Yes	33.79
25	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.75	90.15	67.62	17.1	4	3680	Yes	32.45
26	0.04	0.04	0.04	0.04	0.06	0.06	0.07	0.75	69.12	51.84	19.4	4	4411	Yes	29.82
27	0.05	0.05	0.04	0.05	0.06	0.06	0.07	0.69	68.72	47.42	20.4	3	4078	Yes	27.41
28	0.05	0.05	0.05	0.05	0.04	0.04	0.06	0.63	59.23	37.32	21.1	3	4329	Yes	25.08
29	0.04	0.04	0.06	0.05	0.04	0.05	0.06	0.73	56.13	40.98	18.9	4	4007	Yes	22.00
30	0.04	0.04	0.06	0.05	0.06	0.06	0.06	0.76	58.17	44.21	18.6	4	4754	Yes	27.05
31															

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		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		<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: 7/7/2022	
				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: **June-2022**
 System Name: Canby Utility ID# 41- 00157 WTP ID: A

Minimum UVT during month: _____ % UVT sensor variation from reference sensor %:
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month: 3.5 / 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	569	3.95	Y	1.857	0	0
2	590	3.95	Y	2.151	0	0
3	595	3.95	Y	2.079	0	0
4	584	3.95	Y	1.919	0	0
5	497	3.86	Y	1.738	0	0
6	737	4.65	Y	1.720	0	0
7	695	4.36	Y	1.707	0	0
8	597	3.86	Y	1.982	0	0
9	611	3.86	Y	1.876	0	0
10	493	3.66	Y	1.903	0	0
11	587	3.71	Y	1.652	0	0
12	474	3.46	Y	1.633	0	0
13	447	3.46	Y	1.443	0	0
14	862	4.28	Y	1.733	0	0
15	619	3.99	Y	1.799	0	0
16	645	4.19	Y	1.853	0	0
17	639	3.93	Y	1.775	0	0
18	730	4.17	Y	1.628	0	0
19	582	3.84	Y	1.458	0	0
20	679	3.95	Y	1.886	0	0
21	576	3.66	Y	2.091	0	0
22	205	3.56	Y	2.194	0	0
23	584	3.76	Y	2.610	0	0
24	569	3.59	Y	3.145	0	0
25	595	4.04	Y	3.189	0	0
26	585	3.71	Y	3.784	0	0
27	723	4.16	Y	4.065	0	0
28	660	3.86	Y	3.841	0	0
29	559	3.65	Y	3.518	0	0
30	540	3.65	Y	3.741	0	0
Monthly Cumulative % Off-Spec Water Produced ⁴						

⁴ If ≥5% of total water produced is off-spec., notify DWS within 24 hours.

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: