

OHA - Drinking Water Services - Surface Water Quality Data Form

Filtration with UV *Giardia*/Crypto Disinfection

County: Clackamas

Month/Year: May-2025

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 1st 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	0.06	0.06	0.06	OFF	0.08	0.81	73.59	59.61	15.5	4	5086	Yes	36.61
2	OFF	OFF	0.06	0.06	0.07	OFF	0.07	0.81	72.03	58.34	16.3	4	5296	Yes	37.31
3	OFF	OFF	0.09	0.07	0.08	OFF	0.09	0.74	71.12	52.63	17.1	4	5119	Yes	35.61
4	OFF	OFF	0.08	0.06	0.06	OFF	0.08	0.77	69.82	53.76	16.7	4	5244	Yes	35.81
5	OFF	OFF	0.05	0.06	0.07	OFF	0.07	0.69	71.02	49.00	15.6	4	5371	Yes	37.31
6	OFF	OFF	0.06	0.07	0.06	0.07	0.08	0.76	63.61	48.34	16.3	4	5346	Yes	33.26
7	OFF	OFF	0.06	0.07	0.05	OFF	0.07	0.81	68.38	55.39	18.4	4	5577	Yes	37.30
8	OFF	OFF	0.06	0.05	0.05	OFF	0.08	0.74	68.66	50.81	17.9	4	5386	Yes	36.17
9	OFF	OFF	0.06	0.06	0.05	OFF	0.07	0.73	67.15	49.02	17.7	4	5490	Yes	36.06
10	OFF	OFF	0.05	0.05	0.05	OFF	0.06	0.74	66.59	49.28	18.2	4	5441	Yes	35.44
11	OFF	OFF	0.06	0.05	0.07	OFF	0.07	0.71	66.76	47.40	18.3	4	5535	Yes	36.14
12	OFF	OFF	0.07	0.06	0.07	OFF	0.10	0.71	69.27	49.18	17.4	4	5423	Yes	36.74
13	OFF	OFF	0.07	0.07	0.06	OFF	0.10	0.62	70.51	43.71	16.5	4	5290	Yes	36.48
14	OFF	OFF	0.05	0.05	0.06	OFF	0.07	0.59	72.59	42.83	16.1	4	5213	Yes	37.01
15	OFF	OFF	0.05	0.05	0.05	OFF	0.08	0.29	75.73	21.96	15.8	4	5044	Yes	37.36
16	OFF	OFF	0.05	0.05	OFF	OFF	0.08	0.44	75.54	33.24	16.1	4	5146	Yes	38.02
17	OFF	OFF	0.05	0.50	OFF	OFF	0.08	0.63	82.47	51.96	16.1	4	4716	Yes	38.04
18	OFF	OFF	0.06	0.08	0.08	OFF	0.09	0.73	80.27	58.60	16.1	4	4622	Yes	36.29
19	OFF	OFF	0.06	0.06	0.06	OFF	0.07	0.67	77.20	51.72	15.1	4	4871	Yes	36.78
20	OFF	OFF	0.06	0.05	0.06	OFF	0.07	0.66	71.10	46.93	14.9	6	5152	Yes	35.83
21	OFF	OFF	0.06	0.05	0.05	OFF	0.07	0.76	65.55	49.82	14.9	6	5512	Yes	35.34
22	OFF	OFF	0.07	0.05	0.04	OFF	0.07	0.82	68.73	56.36	15.6	4	5190	Yes	34.89
23	OFF	OFF	0.05	0.04	0.04	OFF	0.05	0.76	72.04	54.75	15.8	4	5200	Yes	36.64
24	OFF	OFF	0.05	0.05	0.05	OFF	0.06	0.77	67.68	52.11	16.1	4	5532	Yes	36.62
25	OFF	OFF	0.06	0.06	0.06	OFF	0.06	0.82	69.29	56.82	17.4	4	5331	Yes	36.13
26	OFF	OFF	0.06	0.05	0.05	OFF	0.07	0.72	58.99	42.47	17.1	4	5482	Yes	31.63
27	OFF	OFF	0.05	0.05	0.05	OFF	0.05	0.71	71.99	51.11	17.4	4	5215	Yes	36.72
28	OFF	OFF	0.05	0.05	0.05	OFF	0.06	0.67	68.54	45.92	18.5	4	5516	Yes	36.98
29	OFF	OFF	0.05	0.06	0.06	OFF	0.06	0.64	67.79	43.39	19.9	4	5482	Yes	36.35
30	OFF	OFF	0.07	0.05	0.05	OFF	0.07	0.77	65.14	50.16	19.3	4	5391	Yes	34.35
31	OFF	OFF	0.07	0.06	0.06	OFF	0.08	0.86	62.28	53.56	20.2	3	5606	Yes	34.15

Conventional or Direct Filtration

95% of the 4-hour turbidity readings $\leq$ 0.3 NTU? **Yes / No**
 All the 4-hour turbidity readings $<$ 1 NTU? **Yes / No**
 All turbidity readings $<$ IFE triggers? **Yes / No**

Monthly Summary (circle Yes or No)

Virus CT's met everyday? **Yes / No**
 All Cl₂ residual at entry point $\geq$ 0.2 mg/L? **Yes / No**

Monthly UV Summary (circle Yes or No)

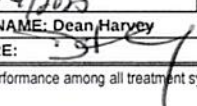
Was the volume of off-spec water produced less than 5% for the month? **Yes / No**

PHONE#: (503) 266-6400

CERT #: 6980

DATE: 6/4/2025

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))

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Conventional or Direct Filtration with UV *Giardia/Crypto* Disinfection

System Name: Canby Utility

ID# 41- 00157

County:

Month/Year:

WTP ID:

Clackamas

May-2025

A

Minimum UVT during month: 97.05% %

Duty sensor variation from reference sensor %: 3.53%

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/cm2]	[Y or N]	[mgal]	[mgal]	(Mo. Sum {B}) , (Mo. Sum {A}) * 100 [%]
1	666	4.21	Y	2.528	0	0
2	665	4.17	Y	2.653	0	0
3	564	3.76	Y	2.395	0	0
4	696	4.39	Y	2.474	0	0
5	660	4.17	Y	2.814	0	0
6	574	3.65	Y	3.079	0	0
7	614	3.88	Y	3.220	0	0
8	547	3.56	Y	2.890	0	0
9	612	3.86	Y	3.070	0	0
10	645	4.14	Y	3.100	0	0
11	644	4.08	Y	2.902	0	0
12	437	3.61	Y	2.626	0	0
13	648	4.09	Y	2.458	0	0
14	684	4.16	Y	2.411	0	0
15	667	4.23	Y	2.408	0	0
16	552	3.5	Y	2.466	0	0
17	660	4.15	Y	2.288	0	0
18	620	3.91	Y	2.405	0	0
19	639	4.06	Y	2.549	0	0
20	642	3.98	Y	2.326	0	0
21	659	4.16	Y	2.531	0	0
22	657	4.15	Y	2.580	0	0
23	721	4.08	Y	2.702	0	0
24	629	4.09	Y	3.039	0	0
25	554	3.55	Y	2.991	0	0
26	655	4.15	Y	3.090	0	0
27	639	4.16	Y	3.210	0	0
28	662	4.17	Y	3.416	0	0
29	666	4.16	Y	3.296	0	0
30	667	4.26	Y	3.274	0	0
31	663	4.17	Y	3.366	0	0
Monthly Cumulative % Off-Spec Water Produced 4						

4 If $\geq 5\%$ 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 10th of following month by email, fax or mail to: