

OHA - Drinking Water Services - Surface Water Quality Data Form
Filtration with UV *Giardia*/Crypto Disinfection

County: Clackamas

Month/Year: November-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	0.05	0.04	OFF	OFF	0.05	0.92	77.59	71.38	11.9	6	4769	Yes	36.19
2	OFF	OFF	0.05	0.07	OFF	OFF	0.08	0.94	66.16	62.19	11.9	6	4707	Yes	30.46
3	OFF	OFF	0.06	0.06	OFF	OFF	0.08	0.74	74.57	55.18	12.5	6	4504	Yes	32.85
4	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.83	82.41	68.40	12.3	6	4507	Yes	36.33
5	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.77	78.43	60.39	12.8	6	4405	Yes	33.79
6	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.78	83.84	65.39	13.1	6	4478	Yes	36.72
7	OFF	OFF	0.07	0.07	OFF	OFF	0.08	0.81	79.19	64.15	13.1	6	4529	Yes	35.08
8	OFF	OFF	0.05	0.05	0.04	OFF	0.06	0.86	72.34	62.21	12.8	6	4674	Yes	33.07
9	OFF	OFF	0.05	0.04	OFF	OFF	0.07	0.87	70.77	61.57	12.5	6	4642	Yes	32.13
10	OFF	OFF	0.04	0.04	OFF	OFF	0.04	0.91	81.38	74.06	12.4	6	4441	Yes	35.35
11	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.89	77.98	69.40	12.4	6	4459	Yes	34.01
12	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.88	82.96	73.00	12.5	6	4374	Yes	35.49
13	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.85	88.49	75.21	12.6	6	4378	Yes	37.89
14	OFF	OFF	0.04	0.04	OFF	OFF	0.04	0.76	84.75	64.41	13.3	6	4465	Yes	37.01
15	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.72	75.60	54.43	13.6	6	4583	Yes	33.89
16	OFF	OFF	0.06	0.06	OFF	OFF	0.06	0.70	71.26	49.88	13.8	6	4600	Yes	32.06
17	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.40	87.35	34.94	13.4	6	4423	Yes	37.79
18	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.50	89.13	44.56	12.4	6	4375	Yes	38.14
19	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.72	84.72	61.00	11.9	6	4447	Yes	36.85
20	OFF	OFF	0.06	0.05	OFF	OFF	0.06	0.55	87.19	47.95	11.0	6	4402	Yes	37.54
21	OFF	OFF	0.06	0.06	OFF	OFF	0.06	0.82	88.01	72.17	10.6	6	4432	Yes	38.15
22	OFF	OFF	0.05	0.06	OFF	OFF	0.09	1.00	80.45	80.45	10.5	6	4571	Yes	35.97
23	OFF	OFF	0.07	0.08	OFF	OFF	0.08	0.92	78.54	72.26	10.5	6	4569	Yes	35.10
24	OFF	OFF	0.07	0.06	0.07	OFF	0.08	0.86	84.04	72.27	10.4	6	4381	Yes	36.01
25	OFF	OFF	0.07	0.08	OFF	OFF	0.09	0.97	84.63	82.09	10.6	6	4413	Yes	36.53
26	OFF	OFF	OFF	0.04	0.04	OFF	0.05	0.87	77.71	67.61	10.7	6	4493	Yes	34.15
27	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.77	64.26	49.48	11.3	6	4848	Yes	30.47
28	OFF	OFF	0.07	0.04	0.06	OFF	0.07	0.82	70.45	57.77	11.7	6	4548	Yes	31.34
29	OFF	OFF	0.05	0.05	0.04	OFF	0.06	0.78	69.50	54.21	11.5	6	4675	Yes	31.78
30	OFF	OFF	0.06	0.04	OFF	OFF	0.06	0.88	75.59	66.52	11.5	6	4619	Yes	34.15
31															

Conventional or Direct Filtration

 95% of the 4-hour turbidity readings ≤ 0.3 NTU? ☒ Yes ☐ No
 All the 4-hour turbidity readings < 1 NTU? ☒ Yes ☐ No
 All turbidity readings < IFE triggers? ☒ Yes ☐ No3

Monthly Summary (circle Yes or No)

 Virus CT's met everyday?2 ☒ Yes ☐ No
 All Cl₂ residual at entry point ≥ 0.2 mg/L?2 ☒ Yes ☐ No

Monthly UV Summary (circle Yes or No)

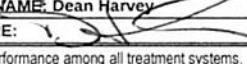
 Was the volume of off-spec water produced less than 5% for the month? ☒ Yes ☐ No

PHONE#: (503) 266-6400

CERT #:6980

DATE: 12/5/25

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

County:
Month/Year:

Clackamas
 November-2025

System Name: Canby Utility

ID# 41- 00157

WTP ID:

A

Minimum UVT during month: 96.16% %

Duty sensor variation from reference sensor %: 1.82%

Minimum Validated UVT: 54%

Min. UV Intensity achieved/intended this month: 3.49 / 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	726	4.56	Y	1.571	0	0
2	559	3.55	Y	1.289	0	0
3	686	4.29	Y	1.933	0	0
4	665	4.94	Y	1.600	0	0
5	718	4.94	Y	1.641	0	0
6	771	4.94	Y	1.735	0	0
7	726	4.94	Y	1.717	0	0
8	593	4.06	Y	1.535	0	0
9	537	3.98	Y	1.925	0	0
10	438	3.66	Y	1.661	0	0
11	667	5.34	Y	1.545	0	0
12	798	5.34	Y	1.639	0	0
13	575	3.95	Y	1.545	0	0
14	733	4.61	Y	1.551	0	0
15	870	5.44	Y	1.568	0	0
16	708	4.35	Y	1.581	0	0
17	732	4.59	Y	1.628	0	0
18	730	4.78	Y	1.594	0	0
19	690	4.94	Y	1.586	0	0
20	755	4.96	Y	1.591	0	0
21	560	3.56	Y	1.531	0	0
22	804	5.03	Y	1.583	0	0
23	808	5	Y	1.550	0	0
24	511	3.55	Y	1.528	0	0
25	482	3.49	Y	1.953	0	0
26	624	5.04	Y	1.393	0	0
27	623	4.78	Y	1.866	0	0
28	662	4.19	Y	1.599	0	0
29	653	4.09	Y	1.666	0	0
30	598	3.79	Y	1.721	0	0
31				0.000	0	#DIV/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 6.0 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:

dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350