

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

County: Clackamas

Month/Year: September-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 Cl2 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	0.06	0.05	0.05	0.05	0.07	0.06	0.07	0.83	58.19	48.29	24.5	3	5303	Yes	30.18
2	0.06	0.05	0.05	0.06	0.06	0.06	0.07	0.88	52.31	46.03	24.0	3	5207	Yes	26.64
3	0.06	0.06	0.05	0.06	0.06	0.06	0.08	0.83	45.91	38.10	24.9	3	5002	Yes	22.46
4	0.06	0.05	0.05	0.05	0.06	0.06	0.06	0.98	63.34	62.08	24.6	3	5002	Yes	30.99
5	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.81	56.16	45.49	25.2	2	4919	Yes	27.02
6	0.06	0.05	0.05	0.05	0.07	0.06	0.07	0.90	64.31	57.88	24.7	3	4100	Yes	25.79
7	0.06	0.05	0.07	0.06	0.06	0.06	0.07	0.84	59.01	49.57	23.7	3	4586	Yes	26.47
8	0.06	0.05	0.05	0.05	0.06	0.06	0.06	0.89	57.13	50.85	23.0	3	4397	Yes	24.57
9	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.80	82.40	65.92	22.9	3	3809	Yes	30.70
10	0.07	0.06	0.07	0.07	0.08	0.07	0.08	0.79	41.57	32.84	23.0	3	4638	Yes	18.86
11	OFF	OFF	0.06	0.07	0.07	OFF	0.08	0.76	64.24	48.82	22.9	3	5155	Yes	32.39
12	OFF	OFF	0.05	0.06	0.06	OFF	0.07	0.97	68.15	66.11	22.0	3	4970	Yes	33.13
13	OFF	OFF	0.05	0.06	0.07	OFF	0.08	0.80	64.52	51.62	21.8	3	5256	Yes	33.17
14	OFF	OFF	0.06	0.06	0.06	OFF	0.06	0.67	67.29	45.08	22.0	3	5154	Yes	33.92
15	OFF	OFF	0.06	0.06	0.08	OFF	0.09	0.66	68.61	45.28	21.0	3	5107	Yes	34.27
16	OFF	OFF	0.06	0.06	0.07	OFF	0.07	0.66	64.56	42.61	20.9	3	5166	Yes	32.62
17	OFF	OFF	0.06	0.07	0.07	0.08	0.09	0.75	59.49	44.62	21.2	3	5286	Yes	30.76
18	OFF	OFF	0.05	0.05	0.06	OFF	0.07	0.74	67.67	50.07	22.3	3	4983	Yes	32.98
19	OFF	OFF	0.05	0.06	0.08	OFF	0.08	0.68	66.37	45.13	21.4	3	4994	Yes	32.42
20	OFF	OFF	0.05	0.05	0.06	OFF	0.09	0.86	64.20	55.22	21.2	3	5169	Yes	32.46
21	OFF	OFF	0.04	0.05	0.05	0.05	0.10	0.69	63.86	44.06	21.3	3	5237	Yes	32.71
22	OFF	OFF	0.05	0.05	0.06	OFF	0.07	0.80	74.10	59.28	20.4	3	5160	Yes	37.40
23	OFF	OFF	0.05	0.05	0.06	OFF	0.08	0.68	65.36	44.45	20.0	3	5107	Yes	32.65
24	OFF	OFF	0.05	0.05	0.06	OFF	0.07	0.84	64.81	54.44	20.4	3	5258	Yes	33.33
25	OFF	OFF	0.05	0.05	0.09	OFF	0.09	0.76	64.51	49.03	20.7	3	5273	Yes	33.27
26	OFF	OFF	0.05	0.05	0.07	OFF	0.07	0.71	62.89	44.65	20.1	3	5303	Yes	32.62
27	OFF	OFF	0.05	0.05	0.07	OFF	0.07	0.8	61.85	49.48	19.2	4	5364	Yes	32.45
28	OFF	OFF	0.04	0.04	0.06	OFF	0.07	0.78	64.62	50.40	18.7	4	5153	Yes	32.57
29	OFF	OFF	0.04	0.05	0.04	OFF	0.05	0.78	70.60	55.06	19.1	4	4869	Yes	33.62
30	OFF	OFF	0.04	0.04	0.04	OFF	0.04	0.74	76.64	56.71	18.5	4	5092	Yes	38.17
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? Yes / No
 All Cl2 residual at entry point ≥ 0.2 mg/L?2 Yes / No

Monthly UV Summary (circle Yes or No)

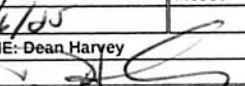
Was the volume of off-spec water produced less than 5% for the month? Yes / No

PHONE#: (503) 266-6400

CERT #:6980

DATE: 10/6/25

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))

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

County:
Month/Year:

Clackamas
September-2025

System Name: Canby Utility

ID# 41- 00157

WTP ID:

A

Minimum UVT during month: 96.61 %

Duty sensor variation from reference sensor %: 5.14%

Minimum Validated UVT: 54%

Min. UV Intensity achieved/intended this month: 4.05 / 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	633	4.66	Y	4.180	0	0
2	866	5.28	Y	3.884	0	0
3	854	4.96	Y	4.317	0	0
4	648	4.51	Y	3.588	0	0
5	779	4.65	Y	3.781	0	0
6	700	4.6	Y	3.623	0	0
7	694	4.46	Y	3.597	0	0
8	856	4.81	Y	3.594	0	0
9	581	4.45	Y	2.803	0	0
10	708	4.56	Y	3.652	0	0
11	805	4.46	Y	3.353	0	0
12	906	5.28	Y	3.187	0	0
13	760	4.46	Y	3.412	0	0
14	908	5.79	Y	2.965	0	0
15	763	4.86	Y	2.942	0	0
16	898	5.3	Y	2.997	0	0
17	779	4.94	Y	3.584	0	0
18	773	4.86	Y	2.900	0	0
19	542	4.73	Y	3.073	0	0
20	661	4.86	Y	3.207	0	0
21	664	4.86	Y	3.016	0	0
22	666	4.86	Y	3.015	0	0
23	448	4.14	Y	3.112	0	0
24	651	4.76	Y	3.282	0	0
25	557	4.76	Y	3.228	0	0
26	723	4.75	Y	2.973	0	0
27	667	4.66	Y	3.023	0	0
28	676	4.05	Y	2.822	0	0
29	1021	5.26	Y	2.668	0	0
30	617	4.66	Y	2.247	0	0
31				0.000	0	#DIV/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:

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