

OHA - Drinking Water Services - Surface Water Quality Data Form

Filtration with UV *Giardia*/*Crypto* Disinfection

County: Clackamas

Month/Year: August-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	0.07	0.06	0.06	0.06	0.08	0.07	0.1	0.64	34.26	21.93	25.6	2	5479	Yes	18.36
2	0.07	0.06	0.06	0.06	0.06	0.07	0.07	0.78	57.29	44.68	26.1	2	5297	Yes	29.68
3	0.07	0.06	0.06	0.06	0.06	0.07	0.07	0.74	59.27	43.86	25.4	2	4928	Yes	28.57
4	0.06	0.06	0.05	0.06	0.06	0.07	0.08	0.92	62.19	57.22	23.9	3	4764	Yes	28.98
5	0.06	0.06	0.06	0.08	0.08	0.08	0.09	0.92	49.40	45.45	23.4	3	5155	Yes	24.91
6	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.96	62.82	60.30	24.4	3	5288	Yes	32.49
7	0.07	0.06	0.07	0.06	0.07	0.07	0.07	0.97	74.21	71.98	23.5	3	4672	Yes	33.91
8	0.06	0.06	0.06	0.07	0.07	0.06	0.07	0.72	59.39	42.76	22.9	3	5817	Yes	33.79
9	0.06	0.06	0.06	0.06	0.08	0.07	0.09	0.99	42.98	42.55	23.4	3	5129	Yes	21.56
10	0.06	0.06	0.05	0.06	0.06	0.06	0.07	0.86	48.87	42.03	25.0	2	5617	Yes	26.85
11	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.90	43.96	39.56	25.9	2	5447	Yes	23.42
12	0.07	0.07	0.06	0.07	0.05	0.05	0.07	0.85	44.43	37.77	27.3	2	5596	Yes	24.32
13	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.85	41.36	35.16	27.0	2	5248	Yes	21.23
14	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.82	60.69	49.77	27.3	2	5527	Yes	32.81
15	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.81	38.48	31.17	26.0	2	5510	Yes	20.74
16	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.83	43.48	36.09	23.8	3	5338	Yes	22.70
17	0.05	0.05	0.05	0.06	0.06	0.05	0.07	0.81	51.05	41.35	24.2	3	4700	Yes	23.47
18	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.79	43.89	34.67	24.5	3	4985	Yes	21.40
19	0.05	0.04	0.05	0.05	0.06	0.05	0.06	0.88	46.23	40.68	23.9	3	5290	Yes	23.92
20	0.05	0.05	0.05	0.05	0.05	0.07	0.07	0.80	40.15	32.12	22.4	3	5694	Yes	22.36
21	0.06	0.05	0.05	0.05	0.05	0.06	0.06	0.80	64.97	51.97	24.7	3	5157	Yes	32.77
22	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.80	35.69	28.55	24.7	3	5280	Yes	18.43
23	0.06	0.05	0.07	0.07	0.08	0.08	0.10	0.81	46.67	37.80	25.2	2	4785	Yes	21.84
24	0.07	0.06	0.06	0.06	0.06	0.08	0.08	0.74	55.56	41.11	26.2	2	5037	Yes	27.37
25	0.07	0.06	0.06	0.06	0.06	0.08	0.09	0.63	44.88	28.27	25.9	2	5103	Yes	22.40
26	0.07	0.06	0.06	0.06	0.07	0.07	0.08	0.77	57.56	44.32	25.9	2	5130	Yes	28.88
27	0.06	0.06	0.05	0.06	0.06	0.07	0.07	0.73	59.40	43.36	25.9	2	5554	Yes	32.27
28	0.06	0.05	0.05	0.05	0.07	0.06	0.07	0.76	62.22	47.28	26.0	2	5017	Yes	30.53
29	0.06	0.06	0.05	0.05	0.05	0.06	0.06	0.95	47.62	45.24	26.1	2	5548	Yes	25.84
30	0.06	0.05	0.05	0.05	0.06	0.05	0.06	0.83	50.81	42.17	25.2	2	5135	Yes	25.52
31	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.78	69.22	53.99	23.8	3	4997	Yes	33.83

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 / No3

Monthly Summary (circle Yes or No)

Virus CT's met everyday?

Yes / No

All Cl2 residual at entry point $\geq$ 0.2 mg/L?2

Yes / No

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?

Yes / No

DATE: 9/3/2025

PRINTED NAME: Dean Harvey

SIGNATURE: Y

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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County: Clackamas
 Month/Year: August-2025
 WTP ID: A

System Name: Canby Utility

ID# 41- 00157

Minimum UVT during month: 97.05% %

Duty sensor variation from reference sensor %: 5.70%

Minimum Validated UVT: 54%

Min. UV Intensity achieved/intended this month: 4.55 / 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	668	5.45	Y	4.859	0	0
2	795	5.46	Y	3.949	0	0
3	701	5.16	Y	4.735	0	0
4	794	5.25	Y	4.469	0	0
5	797	5.16	Y	4.656	0	0
6	764	5.36	Y	3.970	0	0
7	720	4.94	Y	3.575	0	0
8	787	5.16	Y	3.980	0	0
9	802	5.26	Y	4.627	0	0
10	791	5.26	Y	4.688	0	0
11	787	5.36	Y	4.987	0	0
12	775	5.36	Y	4.791	0	0
13	777	5.36	Y	5.030	0	0
14	910	5.33	Y	3.850	0	0
15	648	5.08	Y	4.066	0	0
16	734	5.06	Y	3.622	0	0
17	871	5.08	Y	4.117	0	0
18	728	5.06	Y	4.361	0	0
19	867	5.06	Y	4.178	0	0
20	867	5.1	Y	4.578	0	0
21	865	5.05	Y	3.901	0	0
22	760	5.06	Y	4.817	0	0
23	612	5.16	Y	5.161	0	0
24	874	5.18	Y	4.647	0	0
25	743	5.15	Y	4.747	0	0
26	864	5.15	Y	4.551	0	0
27	734	5.16	Y	4.417	0	0
28	730	5.16	Y	3.963	0	0
29	852	5.06	Y	4.355	0	0
30	701	4.55	Y	4.145	0	0
31	710	4.55	Y	3.887	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: