

OHA - Drinking Water Services - Surface Water Quality Data Form										County: Clackamas					
Filtration with UV <i>Giardia</i> /Crypto Disinfection										Month/Year: April-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	OFF	OFF	0.06	0.06	OFF	OFF	0.08	0.69	69.13	47.70	11.2	6	4573	Yes	30.92
2	OFF	OFF	0.06	0.06	OFF	OFF	0.08	0.72	80.18	57.73	11.2	6	4417	Yes	34.64
3	OFF	OFF	0.06	0.07	OFF	OFF	0.07	0.71	84.82	60.22	11.0	6	4355	Yes	36.13
4	OFF	OFF	0.07	0.06	OFF	OFF	0.08	0.46	86.15	39.63	10.6	6	4511	Yes	38.01
5	OFF	OFF	0.06	0.04	OFF	OFF	0.07	0.81	80.50	65.21	11.5	6	4581	Yes	36.07
6	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.73	81.85	59.75	12.7	6	4533	Yes	36.29
7	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.64	81.66	52.27	12.7	6	4487	Yes	35.84
8	OFF	OFF	0.04	0.06	OFF	OFF	0.08	0.59	86.68	51.14	12.7	6	4364	Yes	37.00
9	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.74	85.45	63.23	12.1	6	4353	Yes	36.38
10	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.75	88.05	66.04	12.2	6	4402	Yes	37.91
11	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.76	83.59	63.53	12.1	6	4467	Yes	36.52
12	OFF	OFF	0.06	0.06	0.05	OFF	0.07	0.90	63.63	57.26	12.8	6	4607	Yes	28.67
13	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.91	71.06	64.66	12.3	6	4659	Yes	32.38
14	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.82	79.57	65.24	12.2	6	4658	Yes	36.25
15	OFF	OFF	0.05	0.05	OFF	OFF	0.05	0.84	81.69	68.62	12.6	6	4621	Yes	36.92
16	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.87	78.60	68.38	13.3	6	4762	Yes	36.61
17	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.84	76.30	64.10	13.6	6	4829	Yes	36.04
18	OFF	OFF	0.05	0.06	0.05	OFF	0.06	0.74	74.72	55.29	13.8	6	4892	Yes	35.75
19	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.80	66.24	53.00	14.8	6	4749	Yes	30.77
20	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.76	70.22	53.37	14.8	6	4854	Yes	33.34
21	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.72	76.99	55.43	14.2	6	4758	Yes	35.83
22	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.67	82.50	55.28	13.6	6	4610	Yes	37.20
23	OFF	OFF	0.04	0.04	0.05	OFF	0.05	0.32	77.08	24.67	13.3	6	4999	Yes	37.69
24	OFF	OFF	0.05	0.04	0.05	OFF	0.07	0.65	72.23	46.95	14.2	6	5073	Yes	35.84
25	OFF	OFF	0.05	0.05	0.04	OFF	0.07	0.68	75.94	51.64	14.7	6	4887	Yes	36.30
26	OFF	OFF	0.06	0.05	0.06	OFF	0.08	0.64	76.08	48.69	15.1	4	4882	Yes	36.33
27	OFF	OFF	0.08	0.04	0.05	OFF	0.10	0.63	77.35	48.73	15.2	4	4884	Yes	36.95
28	OFF	OFF	0.06	0.05	0.06	OFF	0.06	0.69	72.53	50.05	14.8	6	5266	Yes	37.36
29	OFF	OFF	0.07	0.07	0.07	OFF	0.07	0.81	83.20	67.39	15.0	4	4633	Yes	37.70
30	OFF	OFF	0.06	0.06	0.05	OFF	0.08	0.82	73.55	60.31	15.1	4	4942	Yes	35.55
31															

Conventional or Direct Filtration 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <u>Yes</u> / No All the 4-hour turbidity readings < 1 NTU? <u>Yes</u> / No All turbidity readings < IFE triggers? <u>Yes</u> / No3		Monthly Summary (circle Yes or No) Virus CT's met everyday?2 <u>Yes</u> / No All Cl2 residual at entry point ≥ 0.2 mg/L?2 <u>Yes</u> / No	
Monthly UV Summary (circle Yes or No) Was the volume of off-spec water produced less than 5% for the month? <u>Yes</u> / No		PHONE#: (503) 266-6400 CERT #: 6980 DATE: 5/5/2025 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))

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

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

System Name: Canby Utility

ID# 41- 00157

Minimum UVT during month: 97.50% %

Duty sensor variation from reference sensor %: 3.92%

Minimum Validated UVT: 54%

Min. UV Intensity achieved/intended this month: 3.66 / 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	641	4.16	Y	1.571	0	0
2	653	4.19	Y	1.581	0	0
3	686	4.34	Y	1.516	0	0
4	756	4.79	Y	1.521	0	0
5	566	3.96	Y	1.498	0	0
6	625	3.96	Y	1.539	0	0
7	560	4.1	Y	1.566	0	0
8	654	4.08	Y	1.537	0	0
9	761	4.76	Y	1.572	0	0
10	479	3.75	Y	1.462	0	0
11	457	3.66	Y	1.534	0	0
12	464	3.66	Y	1.672	0	0
13	629	3.96	Y	1.596	0	0
14	629	3.95	Y	1.678	0	0
15	652	4.08	Y	1.704	0	0
16	647	4.13	Y	1.778	0	0
17	646	4.05	Y	1.866	0	0
18	622	3.93	Y	1.913	0	0
19	638	4.08	Y	1.873	0	0
20	659	4.15	Y	1.948	0	0
21	661	4.23	Y	1.657	0	0
22	758	4.74	Y	1.821	0	0
23	743	4.66	Y	2.096	0	0
24	522	3.8	Y	2.071	0	0
25	772	4.63	Y	2.268	0	0
26	759	4.65	Y	2.237	0	0
27	656	4.15	Y	2.186	0	0
28	663	4.17	Y	2.284	0	0
29	663	4.17	Y	2.178	0	0
30	713	4.48	Y	2.202	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: