


OHA - Drinking Water Services - Surface Water Quality Data Form										County: Clackamas				
Filtration with UV <i>Giardia/Crypto</i> Disinfection										Month/Year: January-2025				
System Name: Canby Utility			WS ID#: 00157			WTP ID: A								
Day	Turbidity							Viral CT's						
	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	0.05	0.05	OFF	OFF	0.06	1.00	80.25	80.25	11.0	6	4631	Yes
2	OFF	OFF	0.04	0.06	OFF	OFF	0.06	0.99	68.63	67.95	11.1	6	5129	Yes
3	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.89	81.49	72.53	11.0	6	4533	Yes
4	OFF	OFF	0.06	0.05	OFF	OFF	0.09	0.84	62.18	52.23	11.5	6	4635	Yes
5	OFF	OFF	0.06	0.05	OFF	OFF	0.07	0.82	60.10	49.28	11.7	6	5194	Yes
6	OFF	OFF	0.06	0.04	OFF	OFF	0.06	0.71	67.55	47.96	11.7	6	4913	Yes
7	OFF	OFF	0.06	0.05	OFF	OFF	0.06	0.61	86.08	52.51	10.5	6	4567	Yes
8	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.65	84.67	55.03	10.5	6	4567	Yes
9	OFF	OFF	0.06	0.06	OFF	OFF	0.08	0.65	81.36	52.88	9.8	8	4646	Yes
10	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.59	80.27	47.36	9.5	8	4634	Yes
11	OFF	OFF	0.06	0.07	OFF	OFF	0.10	0.69	75.20	51.89	10.3	6	4669	Yes
12	OFF	OFF	0.06	0.07	0.05	OFF	0.09	0.63	76.34	48.09	10.3	6	4673	Yes
13	OFF	OFF	OFF	0.06	0.07	OFF	0.08	0.62	83.24	51.61	9.6	8	4483	Yes
14	OFF	OFF	0.07	0.05	0.06	OFF	0.08	0.66	75.15	49.60	9.1	8	4702	Yes
15	OFF	OFF	0.05	0.05	OFF	OFF	0.08	0.71	83.18	59.06	8.4	8	4473	Yes
16	OFF	OFF	0.04	0.04	OFF	OFF	0.07	0.69	75.02	51.76	8.6	8	4654	Yes
17	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.55	87.19	47.95	7.8	8	4463	Yes
18	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.72	66.04	47.55	8.2	8	5160	Yes
19	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.75	69.30	51.97	7.8	8	4727	Yes
20	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.74	75.15	55.61	7.1	8	4892	Yes
21	OFF	OFF	0.05	0.05	OFF	OFF	0.05	0.71	83.14	59.03	5.9	8	4544	Yes
22	OFF	OFF	0.05	0.07	OFF	OFF	0.07	0.54	82.85	44.74	5.7	8	4662	Yes
23	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.51	83.16	42.41	5.5	8	4571	Yes
24	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.51	80.54	41.08	5.6	8	4571	Yes
25	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.56	76.52	42.85	6.9	8	4750	Yes
26	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.54	76.64	41.38	6.5	8	4648	Yes
27	OFF	OFF	0.05	0.06	0.06	OFF	0.07	0.56	79.22	44.36	5.7	8	4494	Yes
28	OFF	OFF	0.06	0.06	OFF	OFF	0.06	0.66	81.94	54.08	5.1	8	4609	Yes
29	OFF	OFF	0.06	0.06	OFF	OFF	0.09	0.74	72.12	53.37	5.5	8	4928	Yes
30	OFF	OFF	0.06	0.06	OFF	OFF	0.06	0.7	81.67	57.17	4.6	12	4642	Yes
31	OFF	OFF	0.07	0.06	OFF	OFF	0.08	0.74	80.75	59.76	5.4	8	4711	Yes

Conventional or Direct Filtration				Monthly Summary (circle Yes or No)			
95% of the 4-hour turbidity readings ≤ 0.3 NTU?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		Virus CT's met everyday??	<input checked="" type="radio"/> Yes	<input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/L??
All the 4-hour turbidity readings < 1 NTU?	<input checked="" type="radio"/> Yes	<input type="radio"/> No					<input checked="" type="radio"/> Yes
All turbidity readings < IFE triggers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No					<input checked="" type="radio"/> Yes
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?				DATE: 2/5/25	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))

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

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

System Name: Canby Utility ID# 41- 00157

Minimum UVT during month: 96.83% % Duty sensor variation from reference sensor %: 1.21%
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month: 3.45 / 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	547	3.75	Y	1.431	0	0
2	638	4.06	Y	1.541	0	0
3	616	3.9	Y	1.522	0	0
4	484	3.65	Y	1.608	0	0
5	589	3.76	Y	1.553	0	0
6	531	3.75	Y	1.655	0	0
7	768	4.79	Y	1.515	0	0
8	616	3.9	Y	1.539	0	0
9	625	3.89	Y	1.694	0	0
10	633	3.98	Y	1.536	0	0
11	617	3.9	Y	1.504	0	0
12	364	3.45	Y	1.753	0	0
13	620	3.95	Y	1.366	0	0
14	539	3.45	Y	1.790	0	0
15	781	3.75	Y	1.555	0	0
16	658	4.16	Y	1.528	0	0
17	544	3.95	Y	1.556	0	0
18	654	4.16	Y	1.510	0	0
19	623	4.06	Y	1.625	0	0
20	737	4.05	Y	1.565	0	0
21	566	3.76	Y	1.465	0	0
22	624	3.89	Y	1.630	0	0
23	478	3.75	Y	1.453	0	0
24	736	3.89	Y	1.648	0	0
25	494	3.49	Y	1.448	0	0
26	660	4.17	Y	1.417	0	0
27	657	3.73	Y	1.729	0	0
28	742	4.15	Y	1.390	0	0
29	680	4.09	Y	1.538	0	0
30	740	4.25	Y	1.641	0	0
31	918	4.29	Y	1.548	0	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: