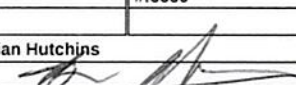


OHA - Drinking Water Services - Surface Water Quality Data Form											County: Clackamas			
Filtration with UV <i>Giardia/Crypto</i> Disinfection											Month/Year: December-2024			
System Name: Canby Utility			WS ID#: 00157				WTP ID: A							
Day	Turbidity							Viral CT's						
	12 AM [NTU]	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	0.08	0.05	OFF	OFF	.08	0.71	76.24	54.13	8.6	8	4688	Yes
2	OFF	OFF	0.06	0.04	OFF	OFF	0.06	0.69	81.31	56.10	8.1	8	4543	Yes
3	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.61	70.66	43.10	7.8	8	5025	Yes
4	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.55	83.26	45.79	7.3	8	4525	Yes
5	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.57	81.26	46.32	6.5	8	4537	Yes
6	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.54	81.76	44.15	6.0	8	4592	Yes
7	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.74	72.23	53.45	6.8	8	5325	Yes
8	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.76	74.56	56.67	8.0	8	4706	Yes
9	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.74	83.11	61.50	8.1	8	4537	Yes
10	OFF	OFF	0.06	0.06	OFF	OFF	0.09	0.70	82.06	57.44	8.6	8	4438	Yes
11	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.68	79.41	54.00	8.5	8	4533	Yes
12	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.61	81.53	49.73	8.1	8	4531	Yes
13	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.59	83.89	49.49	8.4	8	4496	Yes
14	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.73	80.35	58.66	9.4	8	4582	Yes
15	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.80	79.84	63.87	9.7	8	4705	Yes
16	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.84	75.73	63.61	8.7	8	4658	Yes
17	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.85	79.34	67.44	10.0	6	4483	Yes
18	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.71	84.42	59.94	10.1	6	4475	Yes
19	OFF	OFF	0.06	0.06	OFF	OFF	0.06	0.72	81.79	58.89	10.2	6	4570	Yes
20	OFF	OFF	OFF	0.06	OFF	OFF	0.08	0.78	72.48	56.53	8.3	8	4600	Yes
21	OFF	OFF	0.06	0.05	OFF	OFF	0.07	0.82	60.92	49.95	11.5	6	5577	Yes
22	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.76	63.01	47.89	11.2	6	4738	Yes
23	OFF	OFF	0.04	0.04	OFF	OFF	0.04	0.79	80.38	63.50	11.2	6	4692	Yes
24	OFF	OFF	0.04	0.00	OFF	OFF	0.05	0.74	79.76	59.02	11.4	6	4657	Yes
25	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.75	73.01	54.76	7.6	8	5264	Yes
26	OFF	OFF	0.06	0.06	OFF	OFF	0.08	0.65	74.57	48.47	11.3	6	4667	Yes
27	OFF	OFF	0.06	0.07	0.09	OFF	0.09	0.64	70.67	45.23	11.5	6	4592	Yes
28	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.65	68.90	44.78	11.4	6	4633	Yes
29	OFF	OFF	0.06	0.06	OFF	OFF	0.09	0.82	76.16	62.45	11.5	6	4641	Yes
30	OFF	OFF	0.08	0.08	OFF	OFF	0.09	0.86	74.01	63.65	11.3	6	4570	Yes
31	OFF	OFF	0.05	0.05	0.05	OFF	0.07	0.93	54.53	50.71	10.9	6	4727	Yes
Conventional or Direct Filtration							Monthly Summary (circle Yes or No)							
95% of the 4-hour turbidity readings ≤ 0.3 NTU?			Yes / No				Virus CT's met everyday??				All Cl2 residual at entry point ≥ 0.2 mg/L?2			
All the 4-hour turbidity readings < 1 NTU?			Yes / No				Yes / No				Yes / No			
All turbidity readings < IFE triggers?			Yes / No3											
Monthly UV Summary (circle Yes or No)							PHONE#: ( 503 ) 266-6400			CERT #:6660				
Was the volume of off-spec water produced less than 5% for the month?							Yes / No			DATE:				
							PRINTED NAME: Brian Hutchins							
							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: December-2024

System Name: Canby Utility ID# 41- 00157 WTP ID: A

Minimum UVT during month: 97.27% % Duty sensor variation from reference sensor %: 5.51%  
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month: 3.55 / 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	653	4.16	Y	1.480	0	0
2	699	4.36	Y	1.504	0	0
3	663	4.15	Y	1.610	0	0
4	549	3.65	Y	1.454	0	0
5	766	4.11	Y	1.575	0	0
6	703	4.48	Y	1.508	0	0
7	731	4.65	Y	1.489	0	0
8	555	3.65	Y	1.543	0	0
9	473	3.65	Y	1.614	0	0
10	659	4.16	Y	1.493	0	0
11	570	3.75	Y	1.485	0	0
12	806	5.05	Y	1.565	0	0
13	599	3.76	Y	1.475	0	0
14	462	3.65	Y	1.681	0	0
15	719	4.46	Y	1.506	0	0
16	791	4.58	Y	1.502	0	0
17	956	3.86	Y	1.573	0	0
18	697	4.42	Y	1.544	0	0
19	643	4.06	Y	1.589	0	0
20	616	4.35	Y	1.500	0	0
21	606	3.86	Y	1.657	0	0
22	638	4.04	Y	1.539	0	0
23	634	4.06	Y	1.465	0	0
24	698	4.42	Y	1.641	0	0
25	460	3.66	Y	1.460	0	0
26	516	3.55	Y	1.441	0	0
27	398	3.55	Y	1.584	0	0
28	512	3.55	Y	1.692	0	0
29	641	4.06	Y	1.458	0	0
30	635	4	Y	1.616	0	0
31	539	3.65	Y	1.635	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:**  
 dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350