

OHA - Drinking Water Services - Surface Water Quality Data Form										County: Clackamas				
Filtration with UV <i>Giardia/Crypto</i> Disinfection										Month/Year: October-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	0.05	0.05	0.05	OFF	0.06	0.78	64.81	50.55	17.5	4	5761	Yes
2	OFF	OFF	0.05	0.05	0.05	OFF	0.08	0.77	63.52	48.91	17.2	4	5946	Yes
3	OFF	OFF	0.03	0.03	0.04	OFF	0.08	0.80	59.97	47.98	17.5	4	5742	Yes
4	OFF	OFF	0.04	0.04	0.04	OFF	0.07	0.71	62.19	44.16	16.5	4	5540	Yes
5	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.75	73.22	54.91	15.9	4	5242	Yes
6	OFF	OFF	0.04	0.04	0.04	OFF	0.07	0.52	67.52	35.11	15.8	4	5713	Yes
7	OFF	OFF	0.05	0.06	0.05	OFF	0.06	0.81	66.82	54.12	16.0	4	5594	Yes
8	OFF	OFF	0.06	0.06	0.06	OFF	0.08	0.83	69.00	57.27	16.5	4	5475	Yes
9	OFF	OFF	0.04	0.04	0.05	OFF	0.09	0.79	66.44	52.48	16.8	4	5634	Yes
10	OFF	OFF	0.05	0.05	0.05	OFF	0.07	0.73	66.52	48.56	16.7	4	5578	Yes
11	OFF	OFF	0.06	0.06	0.06	OFF	0.06	0.52	68.07	35.40	15.8	4	5584	Yes
12	OFF	OFF	0.07	0.06	OFF	OFF	0.09	0.79	70.62	55.79	15.6	4	5400	Yes
13	OFF	OFF	0.04	0.04	0.05	OFF	0.06	0.51	71.27	36.35	15.6	4	5421	Yes
14	OFF	OFF	0.05	0.05	OFF	OFF	0.08	0.79	69.60	54.98	15.9	4	5488	Yes
15	OFF	OFF	0.06	6.00	OFF	OFF	0.07	0.79	72.11	56.97	16.6	4	5284	Yes
16	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.81	72.60	58.81	17.0	4	5250	Yes
17	OFF	OFF	0.06	0.06	OFF	OFF	0.08	0.73	73.98	54.00	16.7	4	5155	Yes
18	OFF	OFF	0.07	0.06	OFF	OFF	0.08	0.46	77.99	35.88	15.8	4	4967	Yes
19	OFF	OFF	0.06	0.04	OFF	OFF	0.09	0.75	79.51	59.63	15.2	4	4871	Yes
20	OFF	OFF	0.04	0.04	OFF	OFF	0.07	0.81	78.31	63.43	15.2	4	4786	Yes
21	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.76	77.07	58.57	15.3	4	4988	Yes
22	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.79	84.03	66.38	15.3	4	4631	Yes
23	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.73	79.81	58.26	14.3	6	4808	Yes
24	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.62	82.56	51.19	13.4	6	4692	Yes
25	OFF	OFF	0.04	0.04	OFF	OFF	0.07	0.67	76.02	50.93	12.9	6	4960	Yes
26	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.84	74.45	62.53	13.5	6	4771	Yes
27	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.82	75.52	61.93	13.8	6	4798	Yes
28	OFF	OFF	0.06	0.04	OFF	OFF	0.08	0.68	82.05	55.79	13.8	6	4750	Yes
29	OFF	OFF	0.03	0.05	OFF	OFF	0.06	0.68	76.86	52.27	13.6	6	4794	Yes
30	OFF	OFF	0.03	0.05	OFF	OFF	0.06	0.7	80.38	56.27	13.1	6	4663	Yes
31	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.64	84.21	53.90	12.6	6	4600	Yes

Conventional or Direct Filtration			Monthly Summary (circle Yes or No)		
95% of the 4-hour turbidity readings ≤ 0.3 NTU?	Yes / No	(Yes)	Virus CT's met everyday? 2	Yes / No	(Yes)
All the 4-hour turbidity readings < 1 NTU?	Yes / No	(Yes)	All Cl2 residual at entry point ≥ 0.2 mg/L? 2	Yes / No	(Yes)
All turbidity readings < IFE triggers?	Yes / No 3	(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? Yes / No (Yes)			DATE: 11/5/24		
			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
 System Name: Canby Utility ID# 41- 00157 WTP ID: _____

County: Clackamas
 Month/Year: October-2024
A

Minimum UVT during month: 96.16% % Duty sensor variation from reference sensor %: 6.25%
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month: 3.69 / 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	732	4.56	Y	2.559	0	0
2	899	4.84	Y	2.694	0	0
3	732	4.56	Y	2.506	0	0
4	849	5.28	Y	2.490	0	0
5	859	5.38	Y	2.157	0	0
6	296	4.5	Y	2.358	0	0
7	802	5.06	Y	2.633	0	0
8	543	4.55	Y	2.329	0	0
9	792	4.93	Y	2.312	0	0
10	669	4.76	Y	2.257	0	0
11	781	4.85	Y	2.122	0	0
12	778	4.86	Y	2.163	0	0
13	780	4.88	Y	2.329	0	0
14	777	4.95	Y	2.164	0	0
15	782	4.96	Y	1.954	0	0
16	663	4.55	Y	1.902	0	0
17	788	4.9	Y	1.941	0	0
18	789	4.88	Y	1.868	0	0
19	772	4.86	Y	1.688	0	0
20	786	4.94	Y	1.878	0	0
21	663	4.36	Y	1.843	0	0
22	804	4.66	Y	1.823	0	0
23	644	4.05	Y	1.717	0	0
24	653	4.14	Y	1.725	0	0
25	528	3.69	Y	1.731	0	0
26	663	4.16	Y	1.648	0	0
27	641	4.05	Y	1.659	0	0
28	616	3.95	Y	1.708	0	0
29	588	3.94	Y	1.655	0	0
30	523	3.95	Y	1.643	0	0
31	605	3.85	Y	1.662	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: