

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 Cl ₂ Residual at 1 st 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	0.06	OFF	OFF	0.06	0.55	80.22	44.12	5.3	8	4560	Yes
2	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.68	77.05	52.39	6.1	8	4610	Yes
3	OFF	OFF	0.06	0.07	OFF	OFF	0.08	0.80	78.85	63.08	6.6	8	4625	Yes
4	OFF	OFF	0.09	0.08	0.08	OFF	0.11	0.85	69.69	59.24	8.6	8	4734	Yes
5	OFF	OFF	OFF	0.05	0.05	OFF	0.09	0.73	76.52	55.86	9.4	8	4563	Yes
6	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.87	80.39	69.94	10.2	6	4590	Yes
7	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.79	82.98	65.55	9.3	8	4592	Yes
8	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.82	81.92	67.18	8.8	8	4469	Yes
9	OFF	OFF	0.06	0.05	OFF	OFF	0.07	0.85	71.13	60.46	8.1	8	4571	Yes
10	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.88	70.70	62.21	8.8	8	4609	Yes
11	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.84	80.29	67.45	8.9	8	4519	Yes
12	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.81	80.34	65.08	8.1	8	4421	Yes
13	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.83	83.64	69.43	8.0	8	4448	Yes
14	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.83	81.09	67.30	8.3	8	4544	Yes
15	OFF	OFF	0.04	0.06	OFF	OFF	0.07	0.77	69.60	53.59	7.6	8	4733	Yes
16	OFF	OFF	0.04	0.06	OFF	OFF	0.08	0.74	71.01	52.55	7.2	8	4646	Yes
17	OFF	OFF	0.05	0.05	OFF	OFF	0.12	0.69	67.96	46.89	6.7	8	4617	Yes
18	OFF	OFF	0.05	0.05	OFF	OFF	0.05	0.62	82.69	51.27	6.5	8	4685	Yes
19	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.67	72.64	48.67	7.3	8	4656	Yes
20	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.63	74.99	47.24	7.8	8	4967	Yes
21	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.64	78.52	50.25	8.1	8	4548	Yes
22	OFF	OFF	0.05	0.04	OFF	OFF	0.07	0.64	72.53	46.42	8.2	8	4594	Yes
23	OFF	OFF	0.04	0.07	OFF	OFF	0.08	0.63	71.67	45.15	7.9	8	4696	Yes
24	OFF	OFF	0.06	0.05	OFF	OFF	0.07	0.59	71.75	42.34	7.3	8	4665	Yes
25	OFF	OFF	0.05	0.07	OFF	OFF	0.09	0.58	83.19	48.25	7.3	8	4504	Yes
26	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.66	73.67	48.62	8.1	8	4663	Yes
27	OFF	OFF	0.04	0.05	OFF	OFF	0.08	0.68	80.32	54.62	8.6	8	4525	Yes
28	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.65	83.84	54.50	8.5	8	4473	Yes
29	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.71	81.68	57.99	8.9	8	4505	Yes
30	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.75	80.33	60.25	9.2	8	4569	Yes
31	OFF	OFF	0.05	0.06	OFF	OFF	0.09	0.75	66.07	49.55	9.1	8	4494	Yes

Conventional or Direct Filtration

95% of the 4-hour turbidity readings ≤ 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?² Yes / No

All Cl₂ residual at entry point ≥ 0.2 mg/L?² Yes / No

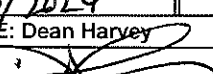
Monthly UV Summary (circle Yes or No)

Was the volume of off-spec water produced less than 5% for the month? Yes / No

PHONE#: (503) 266-6400 CERT #:6980

DATE: 01/03/2024

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 County: Clackamas
 Conventional or Direct Filtration with UV *Giardia/Crypto* Disinfection Month/Year: December-2023
 System Name: Canby Utility ID# 41- 00157 WTP ID: A

Minimum UVT during month 96.61% % Duty sensor variation from reference sensor %: 3.61%
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month: 3.5 / 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	717	4.53	Y	1.500	0	0
2	669	4.35	Y	1.482	0	0
3	516	3.49	Y	1.455	0	0
4	379	3.48	Y	1.500	0	0
5	368	3.46	Y	1.541	0	0
6	581	3.71	Y	1.397	0	0
7	654	4.15	Y	1.588	0	0
8	689	4.3	Y	1.594	0	0
9	617	3.85	Y	1.454	0	0
10	584	3.68	Y	1.510	0	0
11	691	4.46	Y	1.548	0	0
12	702	4.41	Y	1.500	0	0
13	708	4.46	Y	1.419	0	0
14	730	4.56	Y	1.433	0	0
15	595	3.7	Y	1.377	0	0
16	685	4.29	Y	1.532	0	0
17	292	3.76	Y	1.505	0	0
18	779	4.08	Y	1.394	0	0
19	681	4.34	Y	1.509	0	0
20	687	4.31	Y	1.460	0	0
21	729	4.56	Y	1.436	0	0
22	686	4.29	Y	1.443	0	0
23	526	3.51	Y	1.543	0	0
24	553	3.93	Y	1.520	0	0
25	700	4.39	Y	1.298	0	0
26	704	4.46	Y	1.462	0	0
27	582	3.69	Y	1.448	0	0
28	695	4.39	Y	1.377	0	0
29	790	4.86	Y	1.427	0	0
30	769	4.86	Y	1.335	0	0
31	608	3.79	Y	1.595	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: