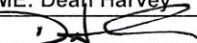


OHA - Drinking Water Services - Surface Water Quality Data Form										County: Clackamas				
Filtration with UV <i>Giardia/Crypto</i> Disinfection										Month/Year: March-2024				
System Name: Canby Utility				WS ID#: 00157				WTP ID: A						
Day	Turbidity							Viral CT's						
	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest NTU of the day ¹	Minimum 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	0.07	0.06	OFF	OFF	0.07	0.77	77.84	59.94	7.8	8	4471	Yes
2	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.81	74.32	60.20	7.6	8	4603	Yes
3	OFF	OFF	0.04	0.04	OFF	OFF	0.07	0.78	64.89	50.61	7.6	8	4582	Yes
4	OFF	OFF	0.04	0.06	OFF	OFF	0.08	0.76	81.56	61.99	7.1	8	4465	Yes
5	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.72	69.63	50.13	7.3	8	4656	Yes
6	OFF	OFF	0.03	0.04	OFF	OFF	0.08	0.79	76.91	60.76	7.0	8	4569	Yes
7	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.77	85.29	65.67	6.7	8	4535	Yes
8	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.82	82.22	67.42	6.6	8	4638	Yes
9	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.89	75.72	67.39	7.6	8	4588	Yes
10	OFF	OFF	OFF	0.06	OFF	OFF	0.08	0.78	79.81	62.25	7.9	8	4558	Yes
11	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.72	87.84	63.25	8.2	8	4417	Yes
12	OFF	OFF	0.06	0.05	OFF	OFF	0.08	0.70	76.21	53.34	8.0	8	4477	Yes
13	OFF	OFF	0.07	0.08	OFF	OFF	0.08	0.68	74.57	50.71	7.9	8	4560	Yes
14	OFF	OFF	0.06	0.03	OFF	OFF	0.09	0.66	83.16	54.88	7.6	8	4613	Yes
15	OFF	OFF	0.03	0.04	OFF	OFF	0.06	0.67	77.40	51.85	7.9	8	4683	Yes
16	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.67	70.83	47.45	8.4	8	4677	Yes
17	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.63	72.47	45.66	8.7	8	4685	Yes
18	OFF	OFF	0.03	0.04	OFF	OFF	0.07	0.62	80.04	49.62	8.9	8	4757	Yes
19	OFF	OFF	0.05	0.04	OFF	OFF	0.07	0.72	82.80	59.62	9.2	8	4534	Yes
20	OFF	OFF	0.04	0.03	OFF	OFF	0.06	0.77	77.75	59.87	9.5	8	4814	Yes
21	OFF	OFF	0.04	0.03	OFF	OFF	0.05	0.78	82.05	64.00	9.7	8	4542	Yes
22	OFF	OFF	0.04	0.04	OFF	OFF	0.04	0.80	77.46	61.97	9.8	8	4542	Yes
23	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.80	79.30	63.44	9.5	8	4613	Yes
24	OFF	OFF	0.05	0.05	OFF	OFF	0.05	0.81	77.46	62.74	9.4	8	4550	Yes
25	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.75	85.08	63.81	9.1	8	4571	Yes
26	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.75	81.75	61.31	8.9	8	4471	Yes
27	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.72	78.41	56.45	9.0	8	4642	Yes
28	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.72	82.51	59.41	8.9	8	4477	Yes
29	OFF	OFF	0.03	0.04	OFF	OFF	0.06	0.69	69.81	48.17	8.5	8	4521	Yes
30	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.75	70.18	52.63	8.6	8	4633	Yes
31	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.76	75.32	57.24	8.8	8	4663	Yes

Conventional or Direct Filtration 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="checkbox"/> Yes / No All the 4-hour turbidity readings < 1 NTU? <input checked="" type="checkbox"/> Yes / No All turbidity readings < IFE triggers? <input checked="" type="checkbox"/> Yes / No ³				Monthly Summary (circle Yes or No) Virus CT's met everyday? ² <input checked="" type="checkbox"/> Yes / No All Cl ₂ residual at entry point ≥ 0.2 mg/L? ² <input checked="" type="checkbox"/> Yes / No			
Monthly UV Summary (circle Yes or No) Was the volume of off-spec water produced less than 5% for the month? <input checked="" type="checkbox"/> Yes / No				PHONE#: (503) 266-6400 DATE: 4/5/24 PRINTED NAME: Dean Harvey SIGNATURE: 		CERT #.6980	

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

County: Clackamas
 Month/Year: March-2024
 WTP ID: A

Minimum UVT during month: 97.27% % Duty sensor variation from reference sensor %: 1.98%
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month: 3.5 / 2.67 ^{mwv}/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]	[^{mwv} /cm ²]	[Y or N]	[mgal]	[mgal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	652	3.69	Y	1.503	0	0
2	611	3.63	Y	1.384	0	0
3	505	3.58	Y	1.483	0	0
4	629	3.98	Y	1.452	0	0
5	726	4.26	Y	1.499	0	0
6	605	3.81	Y	1.511	0	0
7	689	4.33	Y	1.450	0	0
8	704	4.48	Y	1.447	0	0
9	736	4.59	Y	1.446	0	0
10	703	4.4	Y	1.359	0	0
11	656	4.14	Y	1.521	0	0
12	602	3.96	Y	1.473	0	0
13	463	3.49	Y	1.483	0	0
14	702	4.41	Y	1.494	0	0
15	692	4.36	Y	1.423	0	0
16	627	3.96	Y	1.458	0	0
17	675	4.26	Y	1.622	0	0
18	642	4.01	Y	1.651	0	0
19	693	4.39	Y	1.553	0	0
20	677	4.26	Y	1.554	0	0
21	703	4.39	Y	1.564	0	0
22	634	4	Y	1.439	0	0
23	613	3.95	Y	1.534	0	0
24	665	3.7	Y	1.395	0	0
25	638	4	Y	1.454	0	0
26	615	3.96	Y	1.551	0	0
27	676	3.99	Y	1.467	0	0
28	649	4.08	Y	1.470	0	0
29	503	3.93	Y	1.487	0	0
30	662	3.79	Y	1.348	0	0
31	720	4.15	Y	1.647	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: