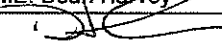


OHA - Drinking Water Services - Surface Water Quality Data Form										County: Clackamas				
Filtration with UV <i>Giardia/Crypto</i> Disinfection										Month/Year: April-2023				
System Name: Canby Utility			WS ID#: 00157				WTP ID: A							
Day	Turbidity							Viral CT's						
	12 AM [NTU]	4 AM [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	0.03	0.04	OFF	OFF	0.05	0.83	80.85	67.11	8.9	8	4388	Yes
2	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.84	81.26	68.26	8.9	8	4400	Yes
3	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.81	87.94	71.23	8.3	8	4268	Yes
4	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.68	87.52	59.52	7.9	8	4300	Yes
5	OFF	OFF	0.05	0.05	OFF	OFF	0.09	0.74	86.26	63.83	7.7	8	4428	Yes
6	OFF	OFF	0.03	0.05	OFF	OFF	0.06	0.78	83.06	64.79	8.4	8	4323	Yes
7	OFF	OFF	0.03	0.04	OFF	OFF	0.07	0.74	90.35	66.86	8.9	8	4255	Yes
8	OFF	OFF	0.03	0.05	OFF	OFF	0.06	0.74	84.45	62.49	9.3	8	4453	Yes
9	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.80	75.27	60.22	10.0	6	4447	Yes
10	OFF	OFF	0.03	0.05	OFF	OFF	0.06	0.75	88.90	66.67	9.4	8	4291	Yes
11	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.79	87.93	69.46	9.3	8	4344	Yes
12	OFF	OFF	0.03	0.04	OFF	OFF	0.04	0.76	87.36	66.40	9.1	8	4302	Yes
13	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.78	85.67	66.82	8.8	8	4324	Yes
14	OFF	OFF	0.02	0.05	OFF	OFF	0.05	0.79	85.50	67.54	8.7	8	4360	Yes
15	OFF	OFF	0.05	0.05	OFF	OFF	0.05	0.85	79.43	67.52	9.7	8	4424	Yes
16	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.83	72.92	60.52	10.0	6	4345	Yes
17	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.81	87.57	70.93	9.2	8	4383	Yes
18	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.85	84.28	71.64	9.3	8	4241	Yes
19	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.69	84.73	58.46	8.9	8	4292	Yes
20	OFF	OFF	0.02	0.04	OFF	OFF	0.05	0.72	84.47	60.82	8.6	8	4280	Yes
21	OFF	OFF	0.04	0.04	OFF	OFF	0.06	0.71	83.66	59.40	8.7	8	4309	Yes
22	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.76	82.21	62.48	9.5	8	4401	Yes
23	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.84	75.49	63.41	10.9	6	4387	Yes
24	OFF	OFF	0.04	0.04	OFF	OFF	0.04	0.8	78.32	62.65	10.5	6	4338	Yes
25	OFF	OFF	0.04	0.03	OFF	OFF	0.05	0.82	89.94	73.75	10.3	6	4207	Yes
26	OFF	OFF	0.03	0.03	OFF	OFF	0.06	0.72	83.52	60.13	10.9	6	4429	Yes
27	OFF	OFF	0.04	0.03	OFF	OFF	0.04	0.73	85.98	62.76	12.0	6	4369	Yes
28	OFF	OFF	0.03	0.04	OFF	OFF	0.04	0.74	81.67	60.43	12.8	6	4522	Yes
29	OFF	OFF	0.04	0.06	0.05	OFF	0.06	0.72	77.40	55.73	13.3	6	4712	Yes
30	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.77	76.53	58.93	13.4	6	4566	Yes
31														
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? ² Yes / No				All Cl ₂ residual at entry point ≥ 0.2 mg/L ² Yes / No			
All the 4-hour turbidity readings < 1 NTU? Yes / No														
All turbidity readings < IFE triggers? Yes / No³														
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							DATE: 5/8/23			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: April-2023
 System Name: Canby Utility ID# 41- 00157 WTP ID: A

Minimum UVT during month: 96.38% % Duty sensor variation from reference sensor %: 5.62%
 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} /cm ²]	[Y or N]	[mgal]	[mgal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * [%]
1	780	4.55	Y	1.453	0	0
2	743	4.38	Y	1.422	0	0
3	662	4.39	Y	1.481	0	0
4	756	4.45	Y	1.478	0	0
5	629	4.46	Y	1.397	0	0
6	989	4.49	Y	1.523	0	0
7	713	4.29	Y	1.362	0	0
8	748	4.39	Y	1.465	0	0
9	751	4.49	Y	1.467	0	0
10	732	4.31	Y	1.444	0	0
11	727	4.19	Y	1.447	0	0
12	633	4.10	Y	1.458	0	0
13	807	4.73	Y	1.463	0	0
14	701	4.11	Y	1.465	0	0
15	685	4.29	Y	1.491	0	0
16	669	4.01	Y	1.537	0	0
17	723	4.19	Y	1.462	0	0
18	771	4.53	Y	1.413	0	0
19	762	4.50	Y	1.411	0	0
20	758	5.31	Y	1.428	0	0
21	960	5.61	Y	1.504	0	0
22	774	4.54	Y	1.451	0	0
23	573	3.50	Y	1.559	0	0
24	977	4.65	Y	1.469	0	0
25	738	4.66	Y	1.530	0	0
26	675	4.30	Y	1.543	0	0
27	702	4.10	Y	1.593	0	0
28	807	4.60	Y	1.816	0	0
29	811	4.70	Y	1.997	0	0
30	704	4.16	Y	1.807	0	0
31				0.000	0	#DIV/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: