

OHA - Drinking Water Services - Surface Water Quality Data Form										County: Clackamas				
Filtration with UV <i>Giardia/Crypto</i> Disinfection										Month/Year: September-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	0.06	0.05	0.05	0.05	0.05	0.06	0.06	0.79	62.66	49.50	24.0	3	5417	Yes
2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.75	60.95	45.71	22.0	3	5579	Yes
3	0.04	0.04	0.05	0.04	0.04	0.04	0.05	0.76	63.49	48.25	21.7	3	5725	Yes
4	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.75	55.04	41.28	22.3	3	5755	Yes
5	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.86	47.11	40.51	23.8	3	5619	Yes
6	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.79	52.30	41.32	24.1	3	5855	Yes
7	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.77	55.42	42.67	24.3	3	5459	Yes
8	0.04	0.04	0.04	0.04	0.40	0.04	0.04	0.77	64.77	49.87	23.7	3	5517	Yes
9	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.82	53.59	43.94	24.0	3	5596	Yes
10	0.04	0.04	0.04	0.04	0.05	OFF	0.05	0.80	59.77	47.82	23.7	3	5106	Yes
11	OFF	OFF	0.05	0.05	0.05	0.04	0.05	0.87	66.60	57.94	22.2	3	4954	Yes
12	OFF	OFF	0.04	0.04	0.04	OFF	0.05	0.90	65.17	58.66	21.3	3	5213	Yes
13	OFF	OFF	0.04	0.04	0.05	OFF	0.05	0.85	64.48	54.81	20.1	3	5117	Yes
14	OFF	OFF	0.04	0.04	0.04	0.04	0.04	0.90	62.06	55.85	20.6	3	5142	Yes
15	OFF	OFF	0.04	0.05	0.05	0.04	0.05	0.85	63.65	54.10	20.8	3	5129	Yes
16	OFF	OFF	0.04	0.04	0.04	OFF	0.06	0.79	65.19	51.50	19.6	4	5282	Yes
17	OFF	OFF	0.04	0.04	0.04	OFF	0.07	0.79	69.36	54.79	20.1	3	5034	Yes
18	OFF	OFF	0.05	0.06	0.06	OFF	0.08	0.78	64.05	49.96	19.3	4	5234	Yes
19	OFF	OFF	0.04	0.04	0.04	OFF	0.09	0.68	63.98	43.51	19.4	4	5513	Yes
20	OFF	OFF	0.04	0.04	0.05	OFF	0.07	0.72	58.86	42.38	19.7	4	5546	Yes
21	OFF	OFF	0.04	0.04	0.04	OFF	0.06	0.70	46.75	32.73	19.4	4	5338	Yes
22	OFF	OFF	0.04	0.04	0.05	OFF	0.08	0.70	59.63	41.74	18.9	4	5432	Yes
23	OFF	OFF	0.04	0.05	0.05	OFF	0.06	0.69	57.65	39.78	19.5	4	5617	Yes
24	OFF	OFF	0.05	0.05	0.05	OFF	0.05	0.83	60.51	50.23	20.2	3	5165	Yes
25	OFF	OFF	0.07	0.05	0.05	OFF	0.07	0.8	62.89	50.31	20.8	3	5329	Yes
26	OFF	OFF	0.06	0.03	0.04	OFF	0.06	0.76	67.64	51.41	19.6	4	5092	Yes
27	OFF	OFF	0.03	0.03	0.04	OFF	0.04	0.77	63.28	48.72	19.2	4	5513	Yes
28	OFF	OFF	0.03	0.04	0.03	OFF	0.04	0.82	64.82	53.15	18.8	4	5792	Yes
29	OFF	OFF	0.03	0.04	0.04	OFF	0.04	0.83	66.12	54.88	17.9	4	5135	Yes
30	OFF	OFF	0.04	0.04	0.05	OFF	0.08	0.81	64.88	52.55	18.2	4	5678	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? Yes / No				All Cl2 residual at entry point ≥ 0.2 mg/L? 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: <i>10/01/2024</i>			PRINTED NAME: <i>Dean Harvey</i>				
							SIGNATURE: <i>[Signature]</i>							

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: September-2024
A

Minimum UVT during month: 98.40% % Duty sensor variation from reference sensor %: 5.12%
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month: 4.75 / 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	759	4.86	Y	4.188	0	0
2	639	5.33	Y	4.112	0	0
3	760	4.76	Y	3.627	0	0
4	778	4.86	Y	4.605	0	0
5	769	4.95	Y	4.354	0	0
6	662	5.16	Y	4.064	0	0
7	659	4.75	Y	4.059	0	0
8	659	5.06	Y	3.989	0	0
9	843	5.26	Y	3.973	0	0
10	783	4.96	Y	3.685	0	0
11	788	4.94	Y	3.450	0	0
12	781	4.86	Y	2.896	0	0
13	774	4.96	Y	3.119	0	0
14	801	4.98	Y	3.084	0	0
15	793	4.98	Y	3.253	0	0
16	786	4.9	Y	3.160	0	0
17	862	5.36	Y	2.691	0	0
18	740	4.86	Y	2.953	0	0
19	869	5.38	Y	2.768	0	0
20	848	5.36	Y	3.060	0	0
21	857	5.36	Y	2.833	0	0
22	857	5.38	Y	3.062	0	0
23	1028	6.38	Y	3.374	0	0
24	878	5.46	Y	3.160	0	0
25	857	5.34	Y	2.885	0	0
26	831	5.16	Y	2.342	0	0
27	865	5.43	Y	2.477	0	0
28	849	5.36	Y	2.470	0	0
29	864	5.4	Y	2.579	0	0
30	847	5.31	Y	2.695	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: