

OHA - Drinking Water Services - Surface Water Quality Data Form

Filtration with UV *Giardia*/*Crypto* Disinfection

County: Clackamas

Month/Year: March-2025

System Name: Canby Utility

WS ID#: 00157

WTP ID: A

Day	Turbidity							Viral CT's							Clearwell level (ft)
	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 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	0.06	0.08	OFF	OFF	0.08	0.77	66.30	51.05	11.5	6	4634	Yes	30.05
2	OFF	OFF	0.04	0.06	OFF	OFF	0.07	0.77	81.16	62.50	11.6	6	4589	Yes	36.43
3	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.72	73.17	52.69	11.8	6	4404	Yes	31.52
4	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.65	85.74	55.73	10.9	6	4399	Yes	36.89
5	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.63	83.33	52.50	10.5	6	4449	Yes	36.26
6	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.65	85.55	55.60	10.6	6	4342	Yes	36.33
7	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.59	83.62	49.34	9.8	8	4476	Yes	36.61
8	OFF	OFF	0.05	0.06	OFF	OFF	0.06	0.65	63.54	41.30	10.7	6	4610	Yes	28.65
9	OFF	OFF	0.04	0.06	OFF	OFF	0.06	0.65	76.77	49.90	10.6	6	4508	Yes	33.85
10	OFF	OFF	0.05	0.06	OFF	OFF	0.07	0.53	86.20	45.68	10.1	6	4397	Yes	37.07
11	OFF	OFF	0.07	0.06	OFF	OFF	0.08	0.36	88.44	31.84	10.4	6	4380	Yes	37.89
12	OFF	OFF	0.05	0.07	OFF	OFF	0.08	0.62	87.29	54.12	10.6	6	4412	Yes	37.67
13	OFF	OFF	0.07	0.06	OFF	OFF	0.08	0.66	87.63	57.83	10.4	6	4429	Yes	37.96
14	OFF	OFF	0.06	OFF	0.07	OFF	0.08	0.80	78.81	63.05	10.5	6	4399	Yes	33.91
15	OFF	OFF	0.07	0.06	OFF	OFF	0.08	0.77	74.76	57.57	11.0	6	4510	Yes	32.98
16	OFF	OFF	0.07	0.07	OFF	OFF	0.08	0.79	77.28	61.05	11.1	6	4482	Yes	33.88
17	OFF	OFF	0.07	0.07	OFF	OFF	0.08	0.77	81.46	62.72	11.0	6	4448	Yes	35.44
18	OFF	OFF	0.06	0.07	OFF	OFF	0.08	0.78	79.74	62.19	10.5	6	4348	Yes	33.91
19	OFF	OFF	0.07	0.07	OFF	OFF	0.08	0.84	88.48	74.32	10.6	6	4325	Yes	37.43
20	OFF	OFF	0.06	0.08	OFF	OFF	0.08	0.88	85.68	75.40	10.9	6	4347	Yes	36.43
21	OFF	OFF	0.06	0.05	OFF	OFF	0.07	0.87	86.89	75.59	10.8	6	4382	Yes	37.24
22	OFF	OFF	OFF	0.07	0.05	OFF	0.08	0.87	75.99	66.12	10.8	6	4585	Yes	34.08
23	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.95	78.26	74.35	11.5	6	4486	Yes	34.34
24	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.83	81.59	67.72	11.9	6	4396	Yes	35.08
25	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.82	79.93	65.55	12.6	6	4400	Yes	34.40
26	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.8	81.87	65.49	12.5	6	4371	Yes	35.00
27	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.77	84.25	64.87	12.4	6	4376	Yes	36.06
28	OFF	OFF	0.07	0.05	OFF	OFF	0.07	0.77	70.67	54.41	12.4	6	4456	Yes	30.80
29	OFF	OFF	0.05	0.07	OFF	OFF	0.08	0.75	68.09	51.06	12.1	6	4550	Yes	30.30
30	OFF	OFF	0.05	0.06	OFF	OFF	0.09	0.72	71.68	51.61	11.6	6	4577	Yes	32.09
31	OFF	OFF	0.05	0.07	OFF	OFF	0.08	0.64	85.20	54.53	10.7	6	4440	Yes	37.00

Conventional or Direct Filtration

95% of the 4-hour turbidity readings $\leq$ 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 $\geq$ 0.2 mg/L?2 Yes / No

Monthly UV Summary (circle Yes or No)

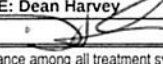
Was the volume of off-spec water produced less than 5% for the month? Yes / No

PHONE#: (503) 266-6400

CERT #:6980

DATE: 4/4/2015

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

County:
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 WTP ID:

Clackamas
 March-2025
 A

System Name: Canby Utility

ID# 41- 00157

Minimum UVT during month: 97.05% %

Duty sensor variation from reference sensor %: 5.66%

Minimum Validated UVT: 54%

Min. UV Intensity achieved/intended this month: 3.48 / 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	634	3.99	Y	1.538	0	0
2	703	4.39	Y	1.584	0	0
3	609	4.4	Y	1.522	0	0
4	647	4.44	Y	1.514	0	0
5	653	3.9	Y	1.512	0	0
6	681	4.34	Y	1.413	0	0
7	676	3.98	Y	1.579	0	0
8	664	4.34	Y	1.510	0	0
9	529	4.29	Y	1.429	0	0
10	547	3.49	Y	1.625	0	0
11	637	4.14	Y	1.527	0	0
12	602	4.25	Y	1.534	0	0
13	573	3.61	Y	1.496	0	0
14	527	3.54	Y	1.674	0	0
15	598	3.73	Y	1.392	0	0
16	508	3.48	Y	1.553	0	0
17	711	4.46	Y	1.574	0	0
18	567	3.75	Y	1.614	0	0
19	730	4.35	Y	1.436	0	0
20	753	4.45	Y	1.546	0	0
21	741	4.35	Y	1.408	0	0
22	595	3.96	Y	1.585	0	0
23	748	4.41	Y	1.469	0	0
24	631	3.98	Y	1.465	0	0
25	799	4.96	Y	1.448	0	0
26	660	4.16	Y	1.547	0	0
27	800	5.03	Y	1.480	0	0
28	636	3.98	Y	1.526	0	0
29	553	3.84	Y	1.584	0	0
30	584	3.85	Y	1.511	0	0
31	637	4.16	Y	1.577	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: