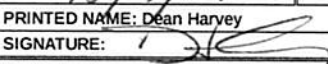


OHA - Drinking Water Services - Surface Water Quality Data Form										County: Clackamas				
Filtration with UV Giardia/Crypto Disinfection										Month/Year: November-2024				
System Name: Canby Utility			WS ID#: 00157				WTP ID: A							
Day	Turbidity							Viral CT's						
	12 AM [NTU]	4 AM [NTU]	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	OFF	OFF	0.03	0.06	OFF	OFF	0.06	0.82	64.71	53.06	12.7	6	5517	Yes
2	OFF	OFF	0.03	0.03	0.07	OFF	0.08	0.80	68.03	54.42	12.7	6	4761	Yes
3	OFF	OFF	0.07	0.07	0.06	OFF	0.08	0.71	59.29	42.10	12.7	6	4840	Yes
4	OFF	OFF	OFF	0.04	0.06	OFF	0.07	0.42	74.64	31.35	12.3	6	4967	Yes
5	OFF	OFF	0.05	0.05	OFF	OFF	0.05	0.93	73.01	67.90	12.0	6	4963	Yes
6	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.78	84.38	65.82	11.4	6	4517	Yes
7	OFF	OFF	0.04	0.03	OFF	OFF	0.04	0.55	79.29	43.61	10.7	6	4860	Yes
8	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.66	84.72	55.91	10.2	6	4644	Yes
9	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.81	65.23	52.84	10.6	6	5371	Yes
10	OFF	OFF	0.04	0.03	OFF	OFF	0.04	0.81	73.10	59.21	10.7	6	4775	Yes
11	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.73	78.86	57.57	11.4	6	4658	Yes
12	OFF	OFF	0.04	0.04	OFF	OFF	0.09	0.68	73.87	50.23	11.5	6	4667	Yes
13	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.65	83.36	54.18	11.6	6	4538	Yes
14	OFF	OFF	0.07	0.06	OFF	OFF	0.07	0.70	81.81	57.27	11.6	6	4569	Yes
15	OFF	OFF	0.06	0.06	0.05	OFF	0.07	0.79	72.10	56.96	11.4	6	4867	Yes
16	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.91	75.92	69.09	11.2	6	4646	Yes
17	OFF	OFF	0.04	0.04	OFF	OFF	0.07	0.86	76.01	65.37	11.2	6	4759	Yes
18	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.80	80.20	64.16	10.8	6	4638	Yes
19	OFF	OFF	0.04	0.05	OFF	OFF	0.07	0.70	89.05	62.34	10.6	6	4458	Yes
20	OFF	OFF	0.05	0.06	OFF	OFF	0.08	0.71	87.00	61.77	10.6	6	4467	Yes
21	OFF	OFF	0.05	0.07	OFF	OFF	0.08	0.69	75.64	52.19	10.6	6	4581	Yes
22	OFF	OFF	0.07	0.07	OFF	OFF	0.08	0.68	78.93	53.67	10.7	6	4833	Yes
23	OFF	OFF	0.07	0.05	OFF	OFF	0.08	0.84	66.22	55.62	11.1	6	5319	Yes
24	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.88	76.43	67.26	11.1	6	4754	Yes
25	OFF	OFF	0.05	0.04	OFF	OFF	0.07	0.84	81.77	68.69	10.7	6	4600	Yes
26	OFF	OFF	0.06	0.06	OFF	OFF	0.07	0.73	82.77	60.42	10.5	6	4522	Yes
27	OFF	OFF	0.06	0.06	OFF	OFF	0.08	0.7	70.85	49.60	10.5	6	4586	Yes
28	OFF	OFF	0.06	0.07	OFF	OFF	0.08	0.67	71.98	48.23	9.9	8	4892	Yes
29	OFF	OFF	0.06	0.06	OFF	OFF	0.06	0.66	81.05	53.50	9.2	8	4488	Yes
30	OFF	OFF	0.06	0.07	OFF	OFF	0.08	0.66	73.93	48.79	9.1	8	4673	Yes
31														

Conventional or Direct Filtration			Monthly Summary (circle Yes or No)		
95% of the 4-hour turbidity readings ≤ 0.3 NTU?	Yes / No	Yes / No	Virus CT's met everyday? 2	Yes / No	All Cl2 residual at entry point ≥ 0.2 mg/L? 2
All the 4-hour turbidity readings < 1 NTU?	Yes / No	Yes / No		Yes / No	Yes / No
All turbidity readings < IFE triggers? 3	Yes / No	Yes / No		Yes / No	Yes / No
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	Yes / No	DATE: 12/9/24		
			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: Clackamas
 Month/Year: November-2024

System Name: Canby Utility

ID# 41- 00157

WTP ID: A

Minimum UVT during month: 95.06% %

Duty sensor variation from reference sensor %: 6.85%

Minimum Validated UVT: 54%

Min. UV Intensity achieved/intended this month: 3.45 / 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	528	3.56	Y	1.624	0	0
2	512	4.76	Y	1.548	0	0
3	493	3.54	Y	1.613	0	0
4	515	3.55	Y	1.758	0	0
5	710	4.46	Y	1.599	0	0
6	709	4.46	Y	1.566	0	0
7	732	4.56	Y	1.624	0	0
8	729	4.56	Y	1.574	0	0
9	540	3.45	Y	1.588	0	0
10	644	4.06	Y	1.645	0	0
11	790	4.64	Y	1.508	0	0
12	588	3.69	Y	1.663	0	0
13	612	3.99	Y	1.541	0	0
14	559	3.51	Y	1.611	0	0
15	468	3.45	Y	1.656	0	0
16	616	3.88	Y	1.605	0	0
17	636	3.99	Y	1.516	0	0
18	619	4.49	Y	1.803	0	0
19	772	4.79	Y	1.493	0	0
20	564	3.86	Y	1.541	0	0
21	528	3.95	Y	1.759	0	0
22	703	4.23	Y	1.658	0	0
23	694	4.46	Y	1.570	0	0
24	722	4.56	Y	1.566	0	0
25	565	4.15	Y	1.618	0	0
26	716	5.49	Y	1.521	0	0
27	554	4.16	Y	1.543	0	0
28	790	4.96	Y	1.738	0	0
29	680	4.26	Y	1.356	0	0
30	638	4.01	Y	1.566	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: