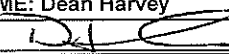


Day	Turbidity							Viral CT's						
	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest NTU of the day <sup>1</sup>	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) [mg/L] <sup>2</sup>	Contact Time (T) [minutes]	Actual CT C X T	Temp (°C)	Required CT [from table next page]	Peak Hour Demand Flow [gpm]	Required CT Met? <sup>2</sup> [Yes / No]
1	OFF	OFF	0.05	0.05	OFF	OFF	0.07	0.56	82.98	46.47	15.0	4	4784	Yes
2	OFF	OFF	0.04	0.03	OFF	OFF	0.05	0.60	81.32	48.79	14.5	6	4756	Yes
3	OFF	OFF	0.03	0.04	0.03	OFF	0.04	0.60	76.72	46.03	13.8	6	4836	Yes
4	OFF	OFF	0.05	0.04	0.04	OFF	0.06	0.62	80.58	49.96	14.3	6	4517	Yes
5	OFF	OFF	0.03	0.04	0.04	OFF	0.07	0.60	75.17	45.10	14.8	6	5035	Yes
6	OFF	OFF	0.04	0.03	0.04	OFF	0.06	0.58	82.31	47.74	15.8	4	4693	Yes
7	OFF	OFF	OFF	0.04	0.04	OFF	0.06	0.58	76.48	44.36	15.1	4	4446	Yes
8	OFF	OFF	0.05	0.04	OFF	OFF	0.07	0.72	73.90	53.21	14.2	6	4773	Yes
9	OFF	OFF	0.04	0.05	OFF	OFF	0.06	0.79	82.61	65.26	13.8	6	4676	Yes
10	OFF	OFF	0.04	0.05	0.04	0.05	0.06	0.77	66.26	51.02	13.9	6	4953	Yes
11	OFF	OFF	OFF	0.04	0.04	OFF	0.07	0.66	78.41	51.75	15.7	4	4766	Yes
12	OFF	OFF	0.05	0.05	0.05	OFF	0.06	0.70	73.51	51.46	17.2	4	5274	Yes
13	OFF	OFF	0.05	0.05	0.05	OFF	0.07	0.70	72.84	50.98	18.0	4	5219	Yes
14	OFF	OFF	0.06	0.06	0.08	0.06	0.08	0.67	70.26	47.08	18.9	4	5413	Yes
15	OFF	OFF	0.06	0.06	0.06	OFF	0.07	0.64	69.28	44.34	19.6	4	5413	Yes
16	OFF	OFF	0.06	0.07	0.06	0.06	0.07	0.66	64.46	42.54	19.7	4	5591	Yes
17	OFF	OFF	0.07	0.07	0.06	0.06	0.09	0.70	68.24	47.77	20.1	3	4742	Yes
18	OFF	0.06	0.05	0.05	0.04	0.04	0.07	0.74	70.14	51.90	17.7	4	4519	Yes
19	OFF	OFF	0.04	0.04	0.04	0.06	0.08	0.64	70.33	45.01	17.0	4	4998	Yes
20	OFF	OFF	0.04	0.04	0.04	OFF	0.06	0.58	85.47	49.57	16.2	4	4547	Yes
21	OFF	OFF	0.04	0.03	0.04	OFF	0.06	0.31	80.98	25.10	15.5	4	4804	Yes
22	OFF	OFF	0.04	0.04	0.05	OFF	0.06	0.69	73.93	51.01	14.6	6	5190	Yes
23	OFF	OFF	0.06	0.05	0.05	OFF	0.07	0.88	74.38	65.45	15.2	4	5075	Yes
24	OFF	OFF	0.05	0.04	0.05	OFF	0.07	0.69	82.00	56.58	15.4	4	4663	Yes
25	OFF	OFF	OFF	0.06	0.06	OFF	0.08	0.35	94.86	33.20	15.8	4	4181	Yes
26	OFF	OFF	0.08	0.04	0.04	OFF	0.08	0.36	79.96	28.79	15.7	4	4695	Yes
27	OFF	OFF	0.04	0.03	0.04	OFF	0.06	0.39	79.65	31.06	16.3	4	4869	Yes
28	OFF	OFF	0.04	0.05	0.03	OFF	0.05	0.34	75.49	25.67	16.0	4	5159	Yes
29	OFF	OFF	0.03	0.04	0.06	OFF	0.06	0.71	74.60	52.97	16.4	4	5305	Yes
30	OFF	OFF	0.04	0.04	0.04	0.05	0.05	0.71	66.95	47.54	17.6	4	5931	Yes
31	OFF	OFF	0.05	0.05	0.05	0.05	0.08	0.67	65.93	44.17	19.2	4	5513	Yes

<b>Conventional or Direct Filtration</b> 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All the 4-hour turbidity readings < 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All turbidity readings < IFE triggers? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No <sup>3</sup>		<b>Monthly Summary (circle Yes or No)</b> Virus CT's met everyday? <sup>2</sup> <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/L? <sup>2</sup> <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	
<b>Monthly UV Summary (circle Yes or No)</b> Was the volume of off-spec water produced less than 5% for the month? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		PHONE#: ( 503 ) 266-6400 DATE: 6/4/21 PRINTED NAME: Dean Harvey SIGNATURE: 	CERT #: 6980

<sup>1</sup> Highest NTU of the day is for optimization, not compliance. Highest is only for state-wide tracking of performance among all treatment systems.

<sup>2</sup> If CT not met or Cl<sub>2</sub> at entry point (1st user) < 0.2 mg/L, notify DWS within 24 hours.

<sup>3</sup> 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:** **May-2021**  
**System Name: Canby Utility** ID# 41- 00157 WTP ID: **A**

Minimum UVT during month 98.17% %      UVT sensor variation from reference sensor %: 3.45%  
 Minimum Validated UVT: 54%      Min. UV Intensity achieved/intended this month 3.45 / 2.67 <sup>mvv/cm2</sup>

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]	[ <sup>mvv</sup> /cm <sup>2</sup> ]	[ Y or N ]	[mgal]	[mgal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	695	4.75	Y	2.110	0	0
2	639	4.55	Y	2.198	0	0
3	753	4.65	Y	2.639	0	0
4	748	4.75	Y	2.209	0	0
5	753	4.75	Y	2.648	0	0
6	752	4.85	Y	2.412	0	0
7	743	4.75	Y	2.572	0	0
8	739	4.55	Y	2.473	0	0
9	640	4.65	Y	2.128	0	0
10	737	4.75	Y	2.963	0	0
11	547	4.78	Y	3.283	0	0
12	748	4.86	Y	2.992	0	0
13	757	4.96	Y	3.130	0	0
14	749	4.96	Y	3.362	0	0
15	757	4.96	Y	3.209	0	0
16	750	4.96	Y	3.373	0	0
17	424	4.96	Y	3.210	0	0
18	568	4.75	Y	2.573	0	0
19	735	4.65	Y	3.113	0	0
20	648	4.55	Y	2.193	0	0
21	555	4.31	Y	2.492	0	0
22	718	4.25	Y	2.593	0	0
23	585	4.45	Y	2.694	0	0
24	711	4.55	Y	2.240	0	0
25	712	3.45	Y	2.327	0	0
26	715	4.25	Y	2.499	0	0
27	735	4.45	Y	2.374	0	0
28	640	4.45	Y	2.962	0	0
29	752	4.45	Y	2.962	0	0
30	648	4.56	Y	3.092	0	0
31	724	4.76	Y	3.650	0	0
Monthly Cumulative % Off-Spec Water Produced <sup>4</sup>						0

<sup>4</sup> 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 9.0)						
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 10<sup>th</sup> of following month by email, fax or mail to: