


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	0.04	0.03	OFF	OFF	0.04	0.75	86.29	64.72	10.8	6	4219	Yes
2	OFF	OFF	0.03	0.03	0.03	OFF	0.03	0.74	84.67	62.66	10.5	6	4149	Yes
3	OFF	OFF	0.03	0.03	OFF	OFF	0.08	0.69	87.14	60.13	10.7	6	4158	Yes
4	OFF	OFF	0.03	0.04	OFF	OFF	0.04	0.66	83.40	55.04	11.6	6	4194	Yes
5	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.65	85.70	55.70	11.3	6	4209	Yes
6	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.67	80.41	53.87	11.0	6	4416	Yes
7	OFF	OFF	0.02	0.03	OFF	OFF	0.06	0.73	75.64	55.22	10.1	6	4482	Yes
8	OFF	OFF	0.04	0.03	0.03	OFF	0.05	0.77	88.01	67.77	9.7	8	4075	Yes
9	OFF	OFF	0.05	0.04	OFF	OFF	0.05	0.78	84.14	65.63	10.0	6	3908	Yes
10	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.83	94.90	78.77	9.9	8	4070	Yes
11	OFF	OFF	0.04	0.04	OFF	OFF	0.05	0.82	85.97	70.50	10.6	6	4255	Yes
12	OFF	OFF	0.05	0.05	OFF	OFF	0.06	0.77	83.13	64.01	11.7	6	4200	Yes
13	OFF	OFF	0.04	0.05	OFF	OFF	0.05	0.71	83.20	59.07	11.4	6	4419	Yes
14	OFF	OFF	0.05	0.04	OFF	OFF	0.06	0.62	76.71	47.56	12.2	6	4486	Yes
15	OFF	OFF	0.03	0.03	OFF	OFF	0.03	0.61	91.28	55.68	11.9	6	4273	Yes
16	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.70	90.61	63.42	11.1	6	4201	Yes
17	OFF	OFF	0.03	0.04	OFF	OFF	0.04	0.79	91.84	72.55	10.9	6	4139	Yes
18	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.84	91.68	77.01	10.1	6	4124	Yes
19	OFF	OFF	0.03	0.03	OFF	OFF	0.04	0.84	87.36	73.38	10.3	6	4205	Yes
20	OFF	OFF	0.07	0.05	OFF	OFF	0.07	0.84	84.50	70.98	9.9	8	4483	Yes
21	OFF	OFF	0.03	0.03	OFF	OFF	0.05	0.84	87.32	73.35	9.2	8	4420	Yes
22	OFF	OFF	0.04	0.03	OFF	OFF	0.05	0.74	92.24	68.26	8.5	8	4264	Yes
23	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.73	89.38	65.25	9.0	8	4229	Yes
24	OFF	OFF	OFF	0.04	OFF	OFF	0.07	0.68	86.03	58.50	8.4	8	4294	Yes
25	OFF	OFF	0.04	0.05	OFF	OFF	0.09	0.66	73.06	48.22	8.6	8	4629	Yes
26	OFF	OFF	0.05	0.03	OFF	OFF	0.06	0.65	93.70	60.90	9.1	8	3997	Yes
27	OFF	OFF	0.04	0.03	OFF	OFF	0.05	0.65	82.89	53.88	9.8	8	4428	Yes
28	OFF	OFF	0.04	0.03	OFF	OFF	0.04	0.67	84.32	56.49	10.5	6	4444	Yes
29	OFF	OFF	0.02	0.03	OFF	OFF	0.03	0.69	86.01	59.35	11.1	6	4272	Yes
30	OFF	OFF	0.03	0.04	OFF	OFF	0.05	0.67	86.66	58.06	10.9	6	4351	Yes
31														

Conventional or Direct Filtration 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No All the 4-hour turbidity readings < 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No All turbidity readings < IFE triggers? <input checked="" type="radio"/> Yes / <input type="radio"/> No ³		Monthly Summary (circle Yes or No) Virus CT's met everyday? ² <input checked="" type="radio"/> Yes / <input type="radio"/> No All Cl ₂ residual at entry point ≥ 0.2 mg/L? ² <input checked="" type="radio"/> Yes / <input type="radio"/> No	
Monthly UV Summary (circle Yes or No) Was the volume of off-spec water produced less than 5% for the month? <input checked="" type="radio"/> Yes / <input type="radio"/> No		PHONE#: (503) 266-6400 DATE: 12/8/21 PRINTED NAME: Dean Harvey SIGNATURE: 	CERT #: 6980

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 Month/Year:
 System Name: Canby Utility ID# 41- 00157 WTP ID:

County: Clackamas
 November-2021
 A

Minimum UVT during month: 98.40% %
 Minimum Validated UVT: 54%
 UVT sensor variation from reference sensor %: 8.16%
 Min. UV Intensity achieved/intended this month: 2.76 / 2.67 mWV/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]	[mWV/cm ²]	[Y or N]	[mgal]	[mgal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	582	3.66	Y	1.665	0	0
2	462	3.46	Y	1.520	0	0
3	646	3.78	Y	1.463	0	0
4	639	3.76	Y	1.530	0	0
5	496	3.6	Y	1.441	0	0
6	647	3.79	Y	1.417	0	0
7	508	3.25	Y	1.496	0	0
8	421	3.15	Y	1.480	0	0
9	436	3.25	Y	1.349	0	0
10	560	3.28	Y	1.439	0	0
11	580	3.4	Y	1.431	0	0
12	498	3.35	Y	1.407	0	0
13	487	3.15	Y	1.225	0	0
14	550	3.28	Y	1.550	0	0
15	570	3.38	Y	1.289	0	0
16	562	3.46	Y	1.497	0	0
17	691	4.39	Y	1.482	0	0
18	583	3.93	Y	1.463	0	0
19	570	3.39	Y	1.465	0	0
20	626	3.65	Y	1.547	0	0
21	688	4.01	Y	1.534	0	0
22	584	3.51	Y	1.399	0	0
23	564	3.36	Y	1.342	0	0
24	555	3.33	Y	1.699	0	0
25	453	2.76	Y	1.558	0	0
26	563	3.35	Y	1.331	0	0
27	543	3.66	Y	1.391	0	0
28	538	3.23	Y	1.319	0	0
29	645	3.75	Y	1.425	0	0
30	580	3.43	Y	1.608	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: