

OHA - Drinking Water Program – Turbidity Monitoring Report Form County: Yamhill Conventional or Direct Filtration

System Name: Carlton, City of ID #: 4100171 WTP-: A

Month/Year September 2023

DAY	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day ¹ [NTU]
1	OFF	/	.37	.14	.17	.22	.40
2	.15	/	.15	/	.33	.31	.37
3	/	/	.20	.20	/	/	.54
4	.39	.29	.35	.22	/	.41	.41
5	.33	/	.35	.32	.24	.29	.51
6	.21	.23	.25	.23	.20	.43	.88
7	.22	/	.25	.04	.08	.26	.54
8	.07	/	.12	.22	.08	.07	.22
9	.36	/	.18	.13	.11	.11	.24
10	.10	/	.14	.15	.10	.09	.26
11	.09	/	.14	.02	.02	.02	.14
12	.02	.02	.02	.05	/	.02	.09
13	.02	.02	.05	.05	/	.03	.06
14	.03	.03	.04	.04	.04	.03	.09
15	.03	.03	.03	.04	.04	.12	.12
16	/	.04	.05	/	.06	.05	.15
17	/	/	.07	.23	/	/	.23
18	.07	/	/	/	.25	.11	.61
19	.12	.18	.13	.15	.15	.14	.23
20	.14	.14	.14	.14	.11	.12	.19
21	.12	.12	/	.14	.14	.14	.20
22	.15	.16	.18	.07	.09	.10	.18
23	.08	.07	.16	.08	.09	.09	.22
24	.11	/	.12	.12	.13	.15	.31
25	/	.15	.15	/	.04	/	.15
26	.07	.08	.06	/	.09	.09	.20
27	.08	/	.10	.09	/	/	.34
28	.12	.19	.24	.02	.02	.02	.05
29	.02	/	.03	.03	.05	.14	.14
30	.04	/	.06	.04	/	.10	.16
31							

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)
95% of the 4-hour turbidity readings ≤ 0.3 NTU? Yes / No	CT's met everyday? (see back) Yes / No
All the 4-hour turbidity readings ≤ 1 NTU? Yes / No	
All turbidity readings < IFE triggers? Yes / No ²	
	All Cl ₂ residuals at entry point ≥ 0.2 m Yes / No

Notes:

PRINTED NAME: Bryan W. Burnham

SIGNATURE: <i>Bryan W Burnham</i>	DATE: 6/7/23
PHONE #: (503) 852-3104	CERT #: 6201

¹ Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum.

² IFE = Individ. Filter Effl. (OAR 333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program – Surface Water Quality Data Form - *Giardia* Inactivation

System Name: **Carlton, City of** ID #: **4100171** WTP:-: **A** Month/Year: **September 2023** Log Requirement (Circle One): 0.5 **(1.0)**

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT/Met ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1 /1:00	1.4	72	100	21	7.5	24	Y	522
2 /11:00	1.3	72	93	19	7.3	25	Y	521
3 /11:00	1.3	72	93	19	7.3	25	Y	524
4 /11:00	1.3	72	93	19	7.3	25	Y	529
5 /11:00	1.3	72	93	19	7.3	25	Y	527
6 /10:30	1.1	72	79	19	7.3	25	Y	530
7 /9:30	1.4	72	100	19	7.3	26	Y	504
8 /9:30	1.4	72	100	18	7.4	29	Y	503
9 /9:00	1.2	72	86	16	7.6	34	Y	504
10 /9:00	1.2	72	86	16	7.6	34	Y	502
11 /9:00	1.2	72	86	16	7.6	34	Y	506
12 /9:00	1.2	72	86	18	7.3	27	Y	522
13 /9:00	2.0	72	144	18	7.2	29	Y	588
14 /8:30	1.5	72	108	18	7.2	27	Y	574
15 /9:30	1.3	72	93	18	7.2	26	Y	578
16 /9:30	1.3	72	93	18	7.2	26	Y	544
17 /9:30	1.4	72	100	18	7.2	25	Y	544
18 /9:30	1.4	72	100	18	7.2	25	Y	540
19 /3:30	1.4	72	100	18	7.2	26	Y	592
20 /2:00	1.4	72	100	18	7.6	31	Y	543
21 /9:00	1.6	72	115	16	7.2	30	Y	531
22 /9:30	1.5	72	108	15	7.3	34	Y	528
23 /9:00	1.6	72	115	15	7.3	35	Y	540
24 /9:00	1.6	72	115	16	7.3	32	Y	530
25 /9:00	1.7	72	122	16	7.3	32	Y	547
26 /3:00	1.5	72	108	16	7.4	32	Y	536
27 /11:30	1.5	72	108	15	7.5	37	Y	526
28 /9:00	1.5	72	108	15	7.5	37	Y	532
29 /10:30	1.5	72	108	15	7.6	38	Y	531
30 /9:00	1.5	72	108	15	7.6	38	Y	542
31 /								

³ If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day. Revised January 2014
 Download form at: public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-conv-direct.pdf