

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County:

Yamhill

Conventional or Direct Filtration

Month/Year:

Oct-22

System Name:		City of Willamina		ID#: 41	00953	WTP : TP - A	
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	0.036	0.033	0.030	0.042	0.029	off	0.059
2	off	0.027	0.026	0.024	0.024	0.030	0.062
3	0.027	0.065	0.031	off	0.036	off	0.066
4	off	0.032	0.030	0.036	off	0.038	0.101
5	off	off	0.042	0.035	0.032	0.054	0.132
6	0.034	0.040	0.056	0.035	0.028	0.033	0.075
7	off	off	0.031	0.032	0.035	0.033	0.068
8	0.031	off	off	0.058	0.030	0.037	0.069
9	off	off	off	0.037	0.057	0.035	0.072
10	0.032	0.051	0.041	off	0.036	0.031	0.110
11	off	off	off	0.087	0.044	0.044	0.093
12	0.054	0.036	off	0.057	off	0.022	0.180
13	0.020	off	off	0.024	0.022	0.022	0.057
14	0.022	0.022	0.026	0.022	off	off	0.057
15	off	0.021	0.022	0.022	0.022	0.022	0.058
16	0.021	off	off	0.020	0.022	0.020	0.051
17	0.022	0.024	off	0.022	0.022	0.022	0.051
18	0.022	0.022	0.022	0.022	0.023	0.021	0.059
19	off	off	0.022	off	0.017	0.016	0.062
20	0.020	0.016	0.017	0.017	0.021	off	0.169
21	off	off	0.025	0.017	0.017	0.019	0.037
22	0.019	0.036	off	0.019	off	off	0.213
23	off	off	off	0.027	0.030	0.029	0.093
24	0.028	0.023	0.020	0.056	off	off	0.082
25	off	0.020	off	off	0.023	0.019	0.063
26	0.028	0.023	off	0.030	0.027	0.026	0.060
27	off	off	0.034	0.025	0.036	0.037	0.087
28	0.025	0.021	off	0.026	0.023	off	0.041
29	off	off	off	0.025	0.026	0.021	0.107
30	0.022	0.019	off	off	off	off	0.068
31	0.029	0.021	0.019	0.121	0.020	0.031	0.236

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU?	Yes / No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All 4-hour turbidity readings ≤ 1 NTU?	Yes / No	Yes / No	Yes / No
All turbidity readings < IFE ² triggers	Yes / No		

Notes:	PRINTED NAME: <i>Justin R Riggs</i>
	SIGNATURE: <i>Justin R Riggs</i> DATE: <i>11/4/2022</i>
	PHONE #: <i>5034377003</i> CERT #: <i>6997</i>

¹ Including continuous NTU 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. (333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - :	A
Disinfection Giardia Log Inactiv:	0.5

System Name:	City of Willamina	ID#: 41	00953	Month/Year:	Oct-22
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Date / Time	Residual at 1st 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]		formula	Yes / No	[GPM]	
1	830	0.72	567	408.24	16.7	7.64	14.9	YES	300
2	900	0.68	567	385.56	17.1	7.62	14.4	YES	310
3	1400	0.73	567	413.91	18.4	7.60	13.1	YES	221
4	730	0.77	567	436.59	17.1	7.61	14.5	YES	285
5	900	0.84	567	476.28	17.2	7.64	14.6	YES	256
6	1100	0.88	567	498.96	16.4	7.63	15.5	YES	333
7	1330	0.88	567	498.96	17.5	7.76	15.1	YES	252
8	900	0.89	567	504.63	16.0	7.79	16.9	YES	218
9	900	0.81	567	459.27	16.4	7.74	16.0	YES	208
10	1330	0.80	567	453.6	17.8	7.69	14.3	YES	324
11	1030	0.77	567	436.59	17.10	7.70	15.0	YES	257
12	900	0.77	567	436.59	16.20	7.63	15.5	YES	301
13	1100	0.75	567	425.25	16.50	7.66	15.3	YES	489
14	1000	0.82	567	464.94	15.80	7.72	16.5	YES	195
15	1000	0.84	567	476.28	15.80	7.66	16.2	YES	220
16	930	0.87	567	493.29	15.90	7.62	15.9	YES	257
17	1130	0.87	567	493.29	15.80	7.66	16.2	YES	274
18	800	0.92	567	521.64	15.00	7.61	16.9	YES	315
19	1100	0.86	567	487.62	15.20	7.64	16.8	YES	312
20	930	0.97	567	549.99	14.60	7.64	17.7	YES	340
21	830	0.98	567	555.66	14.40	7.59	17.6	YES	496
22	1000	0.99	567	561.33	13.60	7.39	17.3	YES	166
23	930	0.90	567	510.3	13.40	7.62	18.8	YES	239
24	1000	0.71	567	402.57	13.80	7.62	18.0	YES	399
25	1400	0.74	567	419.58	13.90	7.57	17.6	YES	318
26	1100	0.64	567	362.88	13.20	7.56	18.1	YES	295
27	1300	0.67	567	379.89	12.60	7.55	18.9	YES	369
28	1000	0.81	567	459.27	12.40	7.58	19.8	YES	314
29	1000	0.82	567	464.94	13.30	7.58	18.5	YES	253
30	930	0.79	567	447.93	12.90	7.61	19.2	YES	387
31	1000	0.62	567	351.54	14.00	7.58	17.3	YES	306

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised September 2016

Return by 10th of following month by email, fax, or mail to:

dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350