

OHA - Drinking Water Program - Turbidity Monitoring Report Form					County: Washington		
Conventional					Mo/Yr: Aug-22		
System Name: Joint Water Commission ID#: OR4100379					WTP-: WTP-A		
DATE	Combined Filter Effluent						HIGHEST READING ¹ (NTU)
	0:00 (NTU)	4:00 (NTU)	8:00 (NTU)	12:00 (NTU)	16:00 (NTU)	20:00 (NTU)	
1-Aug	0.02	0.03	0.02	0.02	0.02	0.02	0.02
2-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3-Aug	0.02	0.02	0.02	0.02	0.03	0.02	0.02
4-Aug	0.03	0.02	0.02	0.02	0.02	0.02	0.02
5-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
7-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
8-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9-Aug	0.02	0.02	0.02	0.03	0.02	0.02	0.02
10-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
11-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.03
12-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
13-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.03
14-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
18-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
21-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
22-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
25-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
26-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.12
27-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.05
28-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.03
29-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
31-Aug	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Conventional					Monthly Summary (Answer Yes or No)		
95% of daily turbidity readings $\leq$ 0.3 NTU?					Yes		CT's met everyday? (see back)
All daily turbidity readings $\leq$ 1 NTU?					Yes		
All turbidity readings < IFE ² triggers					Yes		
Notes: OFF= WTP Offline for maintenance work.					Digitally signed by Zac Bertz DN: CN=Zac Bertz, OU=Users, OU=Water, OU=COH, DG=28, DC=ci, DC=hillsboro, DC=or, DC=us Reason: I attest to the accuracy and integrity of this document. Contact info: 503-758-4446 Date: 2022.09.01 12:54:56-0700		DATE:
					SIGNATURE: Zac Bertz		9/1/2022
					PHONE #: (503) 758-4446		CERT#: T08022

¹ Highest 2 hour reading, 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)(e)(B&C))

Date		CT # 1 (Clearwell Segment)											CT # 2 (Ops Building Pipeline Segment)								Combined CT		
		FWPS 1 (CT) Cl2 Residual		FWPS 1 (CT)	Clearwell Level	FWPS 1 Flow	FWPS 2 Flow	Combined FWPS Flow	Clearwell Detention Time (T10)	Clearwell CT Achieved (mg*min/L)	Clearwell Segment Giardia Log Inactivation	Clearwell Required CT (mg*min/L)	Ops Building Chlorine	Ops Building Temp	Ops Building pH	Ops Building Potable Flow	Ops Building Pipe Detention Time (1,344 gal)	Ops Bldg CT Achieved (mg*min/L)	Ops Bldg Giardia Log Inactivation	Ops Bldg Required CT (mg*min/L)	Total Log Inactivation	Total Inactivation Ratio	Required CT Achieved?
DATE	TIME	(mg/L) "C"	Celsius	pH	(ft)	(gpm)	(gpm)	(gpm)	(minutes) "T"	C x T	(CTa*0.5Log)/CTr	(equation)	(mg/L) "C"	Celsius	pH	(gpm)	(minutes) "T"	C x T	(CTa*0.5Log)/CTr	(equation)	Provided	ΣCTa/CTr	Y/N
1-Aug	2:00	0.96	15.4	7.78	12.90	10882	29005	39887	66.71	64.04	1.82	17.62	1.22	20.0	7.74	44.0	30.55	37.27	1.42	13.16	3.23	6.47	Y
2-Aug	21:00	1.05	15.7	7.56	14.40	12392	28614	41006	67.21	70.57	2.19	16.09	1.21	20.2	7.78	44.0	30.55	36.96	1.40	13.16	3.60	7.19	Y
3-Aug	8:00	1.02	14.4	7.72	13.01	14148	28720	42868	54.55	55.64	1.50	18.55	1.21	17.9	7.75	44.0	30.55	36.96	1.22	15.18	2.72	5.43	Y
4-Aug	8:00	1.21	14.1	7.69	13.64	20382	19426	39808	46.19	55.88	1.46	19.12	1.05	19.2	7.72	45.0	29.87	31.36	1.16	13.51	2.62	5.24	Y
5-Aug	22:00	1.19	14.8	7.60	13.82	19745	19382	39127	48.03	57.16	1.62	17.62	1.02	20.6	7.73	44.0	30.55	31.16	1.27	12.31	2.89	5.78	Y
6-Aug	20:00	1.20	15.2	7.66	13.92	20770	19184	39954	46.53	55.84	1.59	17.56	1.14	19.1	7.67	44.0	30.55	34.82	1.29	13.49	2.88	5.76	Y
7-Aug	5:00	1.24	14.2	7.54	13.47	20052	19362	39414	46.24	57.34	1.59	18.03	1.23	20.0	7.66	44.0	30.55	37.57	1.47	12.79	3.06	6.12	Y
8-Aug	20:00	1.18	15.3	7.71	14.08	19750	19240	38990	48.99	57.81	1.63	17.73	1.15	19.5	7.70	44.0	30.55	35.13	1.32	13.30	2.95	5.90	Y
9-Aug	16:00	1.15	14.7	7.85	13.66	20460	19319	39779	46.16	53.08	1.37	19.36	1.13	20.6	7.66	44.0	30.55	34.52	1.42	12.14	2.79	5.58	Y
10-Aug	19:00	1.14	15.1	7.71	13.90	19996	19542	39538	47.74	54.43	1.52	17.88	1.24	19.3	7.71	44.0	30.55	37.88	1.39	13.67	2.91	5.81	Y
11-Aug	19:00	1.00	15.1	7.67	13.70	18692	19579	38271	49.66	49.66	1.43	17.34	1.25	19.6	7.72	44.0	30.55	38.18	1.42	13.46	2.85	5.70	Y
12-Aug	22:00	0.93	14.8	7.78	13.18	19844	19789	39633	45.44	42.26	1.16	18.28	1.12	19.6	7.81	44.0	30.55	34.21	1.25	13.71	2.40	4.81	Y
13-Aug	2:00	1.03	14.3	7.69	13.06	19190	19804	38994	46.25	47.64	1.29	18.49	1.20	19.5	7.70	44.0	30.55	36.65	1.37	13.37	2.66	5.32	Y
14-Aug	5:00	1.04	14.1	7.68	13.06	20112	19733	39845	44.56	46.35	1.24	18.69	1.12	19.0	7.72	44.0	30.55	34.21	1.24	13.81	2.48	4.96	Y
15-Aug	23:00	0.99	15.2	7.67	13.36	19244	19523	38767	47.34	46.86	1.36	17.21	1.20	18.6	7.58	44.0	30.55	36.65	1.35	13.59	2.71	5.42	Y
16-Aug	23:00	1.02	15.3	7.71	13.03	20610	19719	40329	43.60	44.47	1.28	17.41	1.18	18.5	7.77	44.0	30.55	36.04	1.23	14.64	2.51	5.02	Y
17-Aug	20:00	0.94	15.8	7.64	13.91	23558	19551	43109	41.83	39.32	1.21	16.26	1.13	19.5	7.66	44.0	30.55	34.52	1.32	13.07	2.53	5.06	Y
18-Aug	16:00	1.11	15.6	7.73	13.04	16200	28600	44800	49.10	54.50	1.57	17.37	1.19	19.1	7.72	44.0	30.55	36.35	1.31	13.82	2.88	5.77	Y
19-Aug	11:00	1.21	14.4	7.61	13.31	18600	26696	45296	45.52	55.08	1.51	18.20	1.16	18.5	7.66	44.0	30.55	35.43	1.26	14.02	2.78	5.55	Y
20-Aug	6:00	1.31	15.1	7.50	13.59	20272	19383	39655	46.24	60.57	1.80	16.87	1.13	20.1	7.55	44.0	30.55	34.52	1.43	12.05	3.23	6.45	Y
21-Aug	5:00	1.22	14.7	7.70	13.46	20805	19420	40225	44.83	54.69	1.48	18.46	1.10	18.9	7.70	44.0	30.55	33.60	1.22	13.76	2.70	5.40	Y
22-Aug	1:00	1.22	15.3	7.64	13.78	20081	19311	39392	47.28	57.68	1.66	17.35	1.06	19.9	7.69	44.0	30.55	32.38	1.27	12.77	2.93	5.86	Y
23-Aug	22:00	1.29	15.8	7.57	13.04	17819	19369	37188	49.22	63.50	1.93	16.49	1.11	20.0	7.58	44.0	30.55	33.91	1.38	12.24	3.31	6.62	Y
24-Aug	21:00	1.26	16.4	7.67	13.44	20711	19388	40099	44.94	56.63	1.73	16.38	1.20	20.0	7.66	44.0	30.55	36.65	1.44	12.74	3.17	6.33	Y
25-Aug	1:00	1.24	15.6	7.69	13.31	19248	19454	38702	47.18	58.51	1.68	17.37	1.21	20.3	7.63	44.0	30.55	36.96	1.49	12.36	3.18	6.36	Y
26-Aug	6:00	1.30	15.0	7.79	13.05	19076	19595	38671	46.53	60.49	1.60	18.88	1.16	19.8	7.70	44.0	30.55	35.43	1.36	13.05	2.96	5.92	Y
27-Aug	2:00	1.25	15.1	7.70	13.11	17401	19533	36934	50.36	62.94	1.74	18.04	1.13	19.8	7.71	44.0	30.55	34.52	1.32	13.05	3.07	6.13	Y
28-Aug	20:00	1.28	15.1	7.77	13.50	18047	19543	37590	50.35	64.45	1.73	18.58	1.12	19.1	7.71	44.0	30.55	34.21	1.25	13.66	2.99	5.97	Y
29-Aug	20:00	1.25	15.7	7.71	13.38	18000	19417	37417	50.08	62.59	1.80	17.40	1.12	19.8	7.71	44.0	30.55	34.21	1.31	13.04	3.11	6.22	Y
30-Aug	20:00	1.28	15.7	7.72	13.31	18000	19427	37427	49.81	63.75	1.82	17.52	1.15	19.9	7.75	44.0	30.55	35.13	1.33	13.19	3.15	6.30	Y
31-Aug	23:00	1.20	15.7	7.59	13.75	19594	19647	39241	47.96	57.55	1.74	16.55	1.09	20.2	7.61	44.0	30.55	33.29	1.37	12.19	3.10	6.21	Y