

OHA - Drinking Water Program - Turbidity Monitoring Report Form							County: Washington
Conventional							Mo/Yr: Jul-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-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
2-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
7-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
8-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
10-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
11-Jul	0.02	0.02	0.02	0.02	0.03	0.02	0.03
12-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
13-Jul	0.02	0.02	0.02	0.03	0.02	0.02	0.03
14-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
18-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
21-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
22-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
25-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
26-Jul	0.02	0.02	0.02	0.08	0.12	0.07	0.12
27-Jul	0.05	0.05	0.04	0.03	0.03	0.03	0.05
28-Jul	0.03	0.03	0.02	0.02	0.02	0.02	0.03
29-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
31-Jul	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

	PRINTED NAME: Zac Bertz SIGNATURE: Zac Bertz Digitally signed by Zac Bertz DN: cn=Zac Bertz, o=Joint Water Commission, ou=OHA, email=Zac.Bertz@jwc.com Reason I listed in the summary and integrity of this document C=US, E=Zac.Bertz@jwc.com, OU=OHA, O=Joint Water Commission, CN=Zac Bertz	DATE: 8/1/2022
	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-Jul	7:00	0.94	16.2	7.67	13.18	17428	6722	24150	60.64	57.00	1.78	16.01	1.13	19.7	7.79	44.0	30.55	34.52	1.27	13.54	3.06	6.11	Y
2-Jul	2:00	1.02	16.7	7.72	13.04	16913	6706	23619	61.59	62.83	1.97	15.92	1.15	20.2	7.72	44.0	30.55	35.13	1.37	12.78	3.35	6.70	Y
3-Jul	6:00	1.05	15.3	7.69	13.03	16406	6744	23150	63.14	66.29	1.91	17.34	1.28	19.4	7.67	44.0	30.55	39.10	1.45	13.44	3.37	6.73	Y
4-Jul	7:00	1.01	14.7	7.65	13.04	16807	6855	23662	61.74	62.36	1.76	17.70	1.24	18.8	7.64	44.0	30.55	37.88	1.38	13.77	3.14	6.27	Y
5-Jul	23:00	1.05	15.6	7.68	13.67	16611	6903	23514	65.32	68.59	2.03	16.93	1.16	19.3	7.74	44.0	30.55	35.43	1.29	13.70	3.32	6.64	Y
6-Jul	0:00	1.06	15.5	7.68	13.51	17254	6871	24125	62.52	66.27	1.94	17.06	1.16	19.4	7.72	44.0	30.55	35.43	1.31	13.50	3.25	6.51	Y
7-Jul	6:00	1.27	14.9	7.64	13.46	16337	6765	23102	65.43	83.09	2.32	17.92	1.11	19.3	7.70	44.0	30.55	33.91	1.26	13.42	3.58	7.16	Y
8-Jul	22:00	1.25	16.4	7.87	13.43	16783	6788	23571	63.75	79.69	2.26	17.62	1.20	19.6	7.73	44.0	30.55	36.65	1.36	13.43	3.63	7.25	Y
9-Jul	5:00	1.26	16.1	7.56	13.58	17099	6802	23901	63.42	79.91	2.49	16.05	1.12	19.5	7.72	44.0	30.55	34.21	1.28	13.35	3.77	7.54	Y
10-Jul	22:00	1.23	16.6	7.67	13.80	18383	6596	24979	60.77	74.74	2.32	16.11	1.12	19.7	7.72	44.0	30.55	34.21	1.30	13.17	3.62	7.24	Y
11-Jul	20:00	1.23	17.5	7.58	13.54	16634	15739	32373	56.26	69.20	2.36	14.67	1.08	20.4	7.87	44.0	30.55	32.99	1.25	13.23	3.60	7.21	Y
12-Jul	16:00	1.23	17.4	7.89	14.06	20040	15455	35495	50.39	61.97	1.87	16.57	1.15	20.3	7.76	44.0	30.55	35.13	1.36	12.89	3.23	6.47	Y
13-Jul	21:00	1.22	16.7	7.64	13.32	20064	15342	35406	47.75	58.26	1.84	15.81	1.18	20.8	7.69	44.0	30.55	36.04	1.48	12.18	3.32	6.64	Y
14-Jul	10:00	1.09	15.3	7.64	14.02	21330	15420	36750	47.76	52.06	1.52	17.10	1.28	18.4	7.69	44.0	30.55	39.10	1.35	14.47	2.87	5.75	Y
15-Jul	8:00	1.10	16.2	7.62	13.57	18328	15023	33351	52.58	57.84	1.81	16.00	1.13	19.7	7.76	44.0	30.55	34.52	1.29	13.39	3.10	6.19	Y
16-Jul	0:00	1.03	16.0	7.75	13.05	18315	15030	33345	50.59	52.11	1.54	16.88	1.13	20.0	7.72	44.0	30.55	34.52	1.34	12.93	2.88	5.76	Y
17-Jul	20:00	1.02	14.8	7.71	13.57	18068	15051	33119	53.18	54.24	1.51	18.00	1.13	19.3	7.76	44.0	30.55	34.52	1.26	13.75	2.76	5.52	Y
18-Jul	2:00	0.99	14.3	7.72	12.91	17471	15172	32643	51.91	51.39	1.38	18.61	1.15	18.9	7.76	44.0	30.55	35.13	1.24	14.16	2.62	5.24	Y
19-Jul	23:00	1.15	15.8	7.66	13.09	16617	15156	31773	54.83	63.05	1.88	16.77	1.20	19.6	7.72	44.0	30.55	36.65	1.37	13.38	3.25	6.50	Y
20-Jul	10:00	1.10	15.2	7.71	13.13	20850	12116	32966	47.50	52.25	1.48	17.68	1.18	18.8	7.77	44.0	30.55	36.04	1.26	14.35	2.73	5.47	Y
21-Jul	11:00	1.36	15.2	7.78	13.32	16497	14991	31488	56.24	76.48	2.05	18.69	1.22	17.8	7.77	44.0	30.55	37.27	1.21	15.41	3.25	6.51	Y
22-Jul	1:00	1.34	15.6	7.73	13.64	17145	14768	31913	55.98	75.01	2.10	17.83	1.14	19.9	7.73	44.0	30.55	34.82	1.33	13.08	3.44	6.87	Y
23-Jul	12:00	1.33	14.0	7.75	13.34	17494	14796	32290	53.84	71.60	1.79	19.95	1.22	18.6	7.82	44.0	30.55	37.27	1.25	14.89	3.05	6.09	Y
24-Jul	6:00	1.36	14.3	7.62	13.56	17287	14842	32129	55.22	75.10	2.01	18.70	1.21	18.3	7.77	44.0	30.55	36.96	1.24	14.89	3.25	6.50	Y
25-Jul	23:00	1.24	15.8	7.56	13.03	20485	18551	39036	44.33	54.97	1.68	16.33	1.07	20.2	7.65	44.0	30.55	32.68	1.32	12.34	3.01	6.01	Y
26-Jul	23:00	1.30	15.6	7.62	13.58	22622	19054	41676	42.41	55.14	1.62	17.04	1.17	19.9	7.60	44.0	30.55	35.74	1.43	12.50	3.05	6.09	Y
27-Jul	21:00	1.14	16.0	7.63	13.35	24256	19266	43522	39.31	44.82	1.37	16.35	1.25	20.0	7.61	44.0	30.55	38.18	1.52	12.58	2.89	5.78	Y
28-Jul	14:00	0.96	15.1	7.75	13.18	20221	28204	48425	41.70	40.04	1.13	17.78	1.25	18.0	7.77	44.0	30.55	38.18	1.25	15.26	2.38	4.75	Y
29-Jul	7:00	0.97	14.9	7.76	13.16	14913	28367	43280	53.03	51.44	1.42	18.11	1.22	19.3	7.78	44.0	30.55	37.27	1.33	14.00	2.75	5.50	Y
30-Jul	22:00	0.95	16.2	7.54	12.87	11454	28293	39747	64.15	60.94	2.00	15.27	1.24	18.6	7.78	44.0	30.55	37.88	1.29	14.70	3.28	6.57	Y
31-Jul	1:00	0.98	15.9	7.78	13.07	11392	28436	39828	65.37	64.06	1.87	17.09	1.27	20.4	7.67	44.0	30.55	38.79	1.55	12.55	3.42	6.84	Y