

OHA - Drinking Water Program - Turbidity Monitoring Report Form							County: <b>Washington</b>
Conventional							Mo/Yr: <b>Aug-21</b>
System Name: <b>Joint Water Commission ID#: OR4100379</b>							WTP-: WTP-A
DATE	Combined Filter Effluent						HIGHEST READING <sup>1</sup> (NTU)
	0:00 (NTU)	4:00 (NTU)	8:00 (NTU)	12:00 (NTU)	16:00 (NTU)	20:00 (NTU)	
1-Aug	0.02	0.02	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	0.02	0.02	0.02
4-Aug	0.02	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	0.02	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	0.02
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	0.02
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	0.03	0.03	0.03	0.03	0.03	0.03
18-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
24-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
26-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
27-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03
31-Aug	0.03	0.03	0.03	0.03	0.03	0.03	0.03

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

<b>Notes: OFF= WTP Offline for maintenance work.</b>	PRINTED NAME: Zac Bertz SIGNATURE: _____ PHONE #: (503) 615-6671	DATE: <b>9/1/2021</b> CERT#: <b>T08022</b>
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<sup>1</sup> Highest 2 hour reading, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. <sup>2</sup> IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

Date		CT # 1 (Clearwell Segment)											CT # 2 (Ops Building Pipeline Segment)								Combined CT		
DATE	TIME	FWPS 1 (CT) Cl2 Residual (mg/L) "C"	Celsius	FWPS 1 (CT) pH	Clearwell Level (ft)	FWPS 1 Flow (gpm)	FWPS 2 Flow (gpm)	Combined FWPS Flow (gpm)	Clearwell Detention Time (T10) (minutes) "T"	Clearwell CT Achieved (mg*min/L) C x T	Clearwell Segment Giardia Log Inactivation (CTa*0.5Log)/CTr	Clearwell Required CT (mg*min/L) (equation)	Ops Building Chlorine (mg/L) "C"	Ops Building Temp Celsius	Ops Building pH	Ops Building Potable Flow (gpm)	Ops Building Pipe Detention Time (1,344 gal) (minutes) "T"	Ops Bldg CT Achieved (mg*min/L) C x T	Ops Bldg Giardia Log Inactivation (CTa*0.5Log)/CTr	Ops Bldg Required CT (mg*min/L) (equation)	Total Log Inactivation Provided	Total Inactivation Ratio ΣCTa/CTr	Required CT Achieved? Y/N
1-Aug	9:00	1.07	12.8	7.81	13.53	15999	25651	41650	52.60	56.28	1.31	21.44	0.99	18.3	7.88	45.0	29.87	29.57	0.98	15.13	2.29	4.58	Y
2-Aug	6:00	1.07	13.2	7.79	12.99	17497	25488	42985	47.09	50.38	1.22	20.73	1.04	18.0	7.81	46.0	29.22	30.39	1.00	15.12	2.22	4.44	Y
3-Aug	6:00	1.02	13.3	7.70	13.69	14339	25521	39860	58.14	59.31	1.50	19.81	1.02	18.4	7.75	46.0	29.22	29.80	1.04	14.37	2.53	5.07	Y
4-Aug	20:00	1.05	14.2	7.96	14.43	14665	25814	40479	60.06	63.06	1.53	20.60	0.98	19.5	7.73	46.0	29.22	28.63	1.09	13.19	2.62	5.23	Y
5-Aug	6:00	1.14	13.5	7.81	14.04	12337	25684	38021	67.17	76.57	1.86	20.63	0.98	19.3	7.85	46.0	29.22	28.63	1.02	13.98	2.88	5.76	Y
6-Aug	2:00	1.16	13.5	7.64	14.65	9831	25684	35515	84.17	97.64	2.51	19.42	1.06	19.5	7.71	45.0	29.87	31.66	1.20	13.21	3.71	7.42	Y
7-Aug	9:00	1.10	13.2	7.72	14.62	9668	25684	35352	85.15	93.66	2.31	20.27	1.04	18.4	7.72	45.0	29.87	31.06	1.09	14.24	3.40	6.80	Y
8-Aug	20:00	1.12	13.6	7.65	15.06	10200	25800	36000	83.91	93.98	2.44	19.28	1.02	18.2	7.70	45.0	29.87	30.46	1.07	14.29	3.50	7.01	Y
9-Aug	22:00	1.10	13.8	7.74	14.48	16178	26009	42187	55.64	61.21	1.56	19.62	0.99	19.2	7.79	46.0	29.22	28.93	1.05	13.78	2.61	5.22	Y
10-Aug	6:00	1.11	13.1	7.64	14.50	16162	25846	42008	55.83	61.98	1.56	19.83	1.10	18.9	7.69	46.0	29.22	32.14	1.17	13.71	2.73	5.47	Y
11-Aug	21:00	1.09	14.6	7.68	13.46	19173	25326	44499	45.42	49.50	1.36	18.18	0.71	21.0	7.67	46.0	29.22	20.74	0.92	11.30	2.28	4.56	Y
12-Aug	7:00	1.07	13.7	7.71	12.81	19499	25358	44857	42.63	45.62	1.17	19.47	1.06	17.7	7.74	46.0	29.22	30.97	1.03	15.07	2.20	4.40	Y
13-Aug	20:00	1.01	14.5	7.61	13.55	18164	25358	43522	47.72	48.20	1.36	17.67	0.93	21.8	7.64	46.0	29.22	27.17	1.25	10.86	2.61	5.23	Y
14-Aug	5:00	1.04	14.1	7.75	13.62	17334	25326	42660	49.80	51.80	1.35	19.18	1.04	20.0	7.75	46.0	29.22	30.39	1.17	12.94	2.52	5.05	Y
15-Aug	16:00	1.05	13.9	7.68	14.22	17839	25326	43165	50.82	53.36	1.41	18.96	0.99	20.8	7.69	46.0	29.22	28.93	1.21	11.92	2.62	5.24	Y
16-Aug	20:00	1.02	14.8	7.72	13.31	17334	25358	42692	48.66	49.63	1.37	18.06	0.98	20.5	7.64	46.0	29.22	28.63	1.20	11.93	2.57	5.15	Y
17-Aug	19:00	1.09	14.3	7.62	14.02	15332	25488	40820	56.46	61.54	1.70	18.14	0.95	19.3	7.73	46.0	29.22	27.76	1.04	13.32	2.74	5.48	Y
18-Aug	20:00	0.94	14.1	7.69	13.46	11165	25651	36816	69.79	65.61	1.77	18.54	0.91	19.8	7.65	46.0	29.22	26.59	1.07	12.45	2.84	5.67	Y
19-Aug	20:00	1.00	14.4	7.75	13.36	11670	25521	37191	66.92	66.92	1.79	18.71	1.05	20.0	7.64	46.0	29.22	30.68	1.23	12.43	3.02	6.04	Y
20-Aug	20:00	1.03	14.2	7.74	13.27	10335	25684	36019	73.22	75.41	1.99	18.96	1.05	19.4	7.73	45.0	29.87	31.36	1.17	13.38	3.16	6.32	Y
21-Aug	0:00	1.02	14.4	7.66	12.82	10319	25651	35970	70.84	72.26	1.99	18.14	1.03	19.5	7.71	45.0	29.87	30.76	1.17	13.17	3.16	6.32	Y
22-Aug	5:00	1.08	13.9	7.62	14.82	10010	25651	35661	83.93	90.65	2.44	18.61	0.99	19.2	7.69	45.0	29.87	29.57	1.11	13.27	3.55	7.10	Y
23-Aug	8:00	1.10	13.2	7.73	14.16	19499	16504	36003	51.26	56.39	1.39	20.34	1.07	17.2	7.78	46.0	29.22	31.26	0.99	15.83	2.37	4.75	Y
24-Aug	9:00	1.11	13.5	7.80	14.46	15495	16667	32162	62.90	69.82	1.70	20.49	1.06	18.5	7.80	46.0	29.22	30.97	1.06	14.61	2.76	5.53	Y
25-Aug	6:00	1.05	14.5	7.68	14.19	14665	16504	31169	64.64	67.87	1.86	18.22	1.02	19.1	7.72	46.0	29.22	29.80	1.10	13.56	2.96	5.92	Y
26-Aug	20:00	0.89	14.9	7.53	13.76	16162	16667	32829	57.86	51.50	1.56	16.48	1.02	20.4	7.55	46.0	29.22	29.80	1.28	11.66	2.84	5.68	Y
27-Aug	20:00	0.96	14.8	7.74	13.45	11833	22331	34164	68.41	65.68	1.82	18.07	0.94	19.8	7.77	46.0	29.22	27.46	1.05	13.06	2.87	5.74	Y
28-Aug	19:00	0.89	14.9	7.57	13.43	8675	25814	34489	85.36	75.97	2.27	16.73	0.94	20.3	7.58	45.0	29.87	28.07	1.19	11.76	3.46	6.93	Y
29-Aug	9:00	1.03	14.9	7.67	13.54	9163	25814	34977	82.30	84.76	2.40	17.63	1.02	20.1	7.70	46.0	29.22	29.80	1.18	12.59	3.59	7.17	Y
30-Aug	4:00	0.99	15.8	7.72	13.63	8008	25488	33496	92.71	91.79	2.72	16.84	1.00	20.0	7.75	46.0	29.22	29.22	1.13	12.88	3.86	7.72	Y
31-Aug	23:00	1.01	14.4	7.72	13.99	20508	16667	37175	48.52	49.01	1.32	18.53	1.01	18.9	7.74	46.0	29.22	29.51	1.07	13.83	2.39	4.78	Y