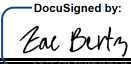


OHA - Drinking Water Program - Turbidity Monitoring Report Form						County: Washington	
Conventional						Mo/Yr: Jul-23	
System Name: Joint Water Commission ID#: OR4100379						WTP-: WTP-A	
DATE	Combined Filter Effluent						HIGHEST READING ¹ (NTU)
	0:00 (NTU)	4:00 (NTU)	8:00 (NTU)	12:00 (NTU)	16:00 (NTU)	20:00 (NTU)	
1-Jul	0.02	0.02	0.02	0.02	0.02	0.03	0.03
2-Jul	0.02	0.02	0.02	0.02	0.03	0.02	0.03
3-Jul	0.02	0.03	0.02	0.02	0.03	0.03	0.03
4-Jul	0.03	0.02	0.03	0.02	0.03	0.03	0.03
5-Jul	0.03	0.02	0.03	0.03	0.02	0.03	0.03
6-Jul	0.02	0.02	0.02	0.03	0.02	0.03	0.03
7-Jul	0.02	0.03	0.02	0.03	0.02	0.02	0.03
8-Jul	0.02	0.02	0.02	0.02	0.03	0.02	0.03
9-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
10-Jul	0.02	0.02	0.02	0.03	0.02	0.02	0.03
11-Jul	0.02	0.02	0.02	0.03	0.03	0.03	0.03
12-Jul	0.02	0.02	0.02	0.02	0.02	0.03	0.03
13-Jul	0.03	0.02	0.02	0.02	0.03	0.03	0.03
14-Jul	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15-Jul	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16-Jul	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17-Jul	0.03	0.03	0.03	0.03	0.03	0.03	0.03
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	0.02	0.02	0.02	0.03
27-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
28-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.03
30-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
31-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Conventional						Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 0.3 NTU?						Yes	
All daily turbidity readings ≤ 1 NTU?						Yes	
All turbidity readings < IFE ² triggers						Yes	
CT's met everyday? (see back)						Yes	
All Cl2 residual at entry point ≥ 0.2 mg/l?						Yes	
PRINTED NAME: Zac Bertz						DocuSigned by:	
SIGNATURE: 						DATE: 8/2/2023	
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		
DATE	TIME	FWPS 1 (CT) Cl2 Residual	Celsius	FWPS 1 (CT)	Clearwell Level (ft)	FWPS 1 Flow	FWPS 2 Flow	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	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) C x T	Ops Bldg Giardia Log Inactivation (CTa*0.5Log)/CTr	Ops Bldg Required CT (mg*min/L) (equation)	Total Log Inactivation	Total Inactivation Ratio	Required CT Achieved?
		(mg/L) "C"		pH		(gpm)	(gpm)						(mg/L) "C"	Celsius	pH	(gpm)	(minutes) "T"	C x T	(CTa*0.5Log)/CTr	(equation)	Provided	ΣCTa/CTr	Y/N
1-Jul	2:00	1.28	14.6	7.63	13.33	19,664	17,070	36,734	47.6	61.0	1.67	18.2	1.24	18.5	7.76	43	31.3	38.8	1.32	14.7	3.0	6.0	Y
2-Jul	20:00	1.23	14.6	7.71	13.39	19,036	16,943	35,979	49.2	60.5	1.62	18.7	1.16	18.3	7.73	43	31.3	36.3	1.24	14.6	2.9	5.7	Y
3-Jul	20:00	1.22	15.0	7.60	13.18	12,985	26,089	39,074	60.3	73.6	2.11	17.4	1.16	18.5	7.57	43	31.3	36.3	1.34	13.6	3.4	6.9	Y
4-Jul	20:00	1.21	14.9	7.65	13.67	23,871	17,144	41,015	41.7	50.4	1.41	17.9	1.15	18.5	7.74	43	31.3	35.9	1.25	14.4	2.7	5.3	Y
5-Jul	10:00	1.27	13.8	7.59	13.61	21,076	17,182	38,258	45.9	58.3	1.54	18.9	1.22	18.0	7.71	43	31.3	38.1	1.28	14.9	2.8	5.6	Y
6-Jul	10:00	1.38	13.9	7.71	13.85	20,030	17,183	37,213	48.7	67.2	1.69	19.9	1.31	16.2	7.81	43	31.3	40.9	1.16	17.6	2.9	5.7	Y
7-Jul	15:00	1.32	13.5	7.82	13.92	19,037	17,280	36,317	50.9	67.2	1.59	21.1	1.27	16.6	7.87	43	31.3	39.7	1.14	17.4	2.7	5.5	Y
8-Jul	11:00	1.32	13.2	7.63	13.38	19,382	17,303	36,685	48.2	63.7	1.58	20.1	1.21	17.5	7.79	43	31.3	37.8	1.19	15.8	2.8	5.6	Y
9-Jul	16:00	1.28	13.7	7.67	14.02	18,847	17,212	36,059	51.8	66.3	1.69	19.6	1.18	17.5	7.69	43	31.3	36.9	1.21	15.2	2.9	5.8	Y
10-Jul	19:00	1.27	13.5	7.73	13.72	18,779	17,224	36,003	50.8	64.5	1.59	20.3	1.20	17.1	7.81	43	31.3	37.5	1.15	16.4	2.7	5.5	Y
11-Jul	20:00	1.19	14.6	7.80	13.96	17,560	17,185	34,745	54.6	65.0	1.69	19.2	1.08	18.4	7.86	43	31.3	33.8	1.12	15.1	2.8	5.6	Y
12-Jul	19:00	1.23	14.4	7.78	13.22	16,649	17,205	33,854	53.9	66.4	1.71	19.4	1.21	18.2	7.75	43	31.3	37.8	1.27	14.9	3.0	6.0	Y
13-Jul	22:00	1.21	15.0	7.75	13.22	19,620	17,154	36,774	47.3	57.2	1.55	18.4	1.22	18.9	7.77	43	31.3	38.1	1.33	14.3	2.9	5.8	Y
14-Jul	11:00	1.24	13.9	7.67	13.66	19,240	17,207	36,447	49.6	61.5	1.59	19.3	1.40	16.9	7.76	43	31.3	43.8	1.31	16.6	2.9	5.8	Y
15-Jul	2:00	1.22	15.1	7.70	13.73	19,565	17,240	36,805	49.2	60.0	1.67	18.0	1.36	19.0	7.78	43	31.3	42.5	1.46	14.5	3.1	6.3	Y
16-Jul	1:00	1.24	15.4	7.48	14.07	20,438	17,328	37,766	48.6	60.2	1.85	16.3	1.18	17.7	7.75	43	31.3	36.9	1.20	15.3	3.1	6.1	Y
17-Jul	21:00	1.22	14.6	7.77	13.40	21,562	17,237	38,799	44.3	54.1	1.42	19.1	1.19	18.2	7.75	43	31.3	37.2	1.25	14.8	2.7	5.3	Y
18-Jul	7:00	1.26	13.1	7.49	13.50	22,972	17,228	40,200	42.4	53.4	1.40	19.1	1.22	17.3	7.71	43	31.3	38.1	1.22	15.6	2.6	5.2	Y
19-Jul	7:00	1.23	14.1	7.57	13.94	22,322	17,499	39,821	44.7	55.0	1.50	18.3	1.23	18.0	7.76	43	31.3	38.4	1.27	15.2	2.8	5.5	Y
20-Jul	23:00	1.31	15.1	7.60	13.60	20,712	17,469	38,181	46.4	60.8	1.74	17.5	1.14	19.2	7.74	43	31.3	35.6	1.30	13.8	3.0	6.1	Y
21-Jul	15:00	1.27	14.6	7.62	13.60	21,267	17,491	38,758	45.4	57.6	1.59	18.1	1.19	17.3	7.76	43	31.3	37.2	1.18	15.8	2.8	5.5	Y
22-Jul	12:00	1.31	14.3	7.63	13.53	19,462	17,492	36,954	48.5	63.6	1.70	18.7	1.17	18.6	7.67	43	31.3	36.6	1.31	14.0	3.0	6.0	Y
23-Jul	4:00	1.33	15.0	7.42	13.76	19,209	17,494	36,703	49.9	66.3	2.01	16.5	1.17	18.9	7.68	43	31.3	36.6	1.33	13.8	3.3	6.7	Y
24-Jul	14:00	1.33	14.1	7.68	13.67	19,636	17,474	37,110	48.7	64.7	1.68	19.3	1.22	16.3	7.69	43	31.3	38.1	1.15	16.5	2.8	5.7	Y
25-Jul	11:00	1.36	14.0	7.56	14.04	19,433	17,022	36,455	50.7	68.9	1.85	18.7	1.23	15.4	7.65	49	27.4	33.7	0.97	17.3	2.8	5.6	Y
26-Jul	21:00	1.34	15.4	7.80	13.51	17,244	17,005	34,249	53.7	72.0	1.94	18.5	1.26	18.5	7.77	43	31.3	39.4	1.33	14.8	3.3	6.5	Y
27-Jul	0:00	1.35	15.2	7.55	13.31	16,697	17,049	33,746	54.3	73.3	2.14	17.1	1.28	18.2	7.71	43	31.3	40.0	1.35	14.8	3.5	7.0	Y
28-Jul	8:00	1.33	13.6	7.43	13.16	16,354	17,077	33,431	54.6	72.6	1.99	18.2	1.31	17.4	7.63	43	31.3	40.9	1.35	15.2	3.3	6.7	Y
29-Jul	20:00	1.28	14.3	7.68	13.53	16,505	17,087	33,592	55.7	71.3	1.88	18.9	1.29	18.1	7.75	43	31.3	40.3	1.33	15.1	3.2	6.4	Y
30-Jul	23:00	1.33	14.0	7.68	13.40	15,859	17,170	33,029	56.9	75.6	1.95	19.4	1.27	18.0	7.81	43	31.3	39.7	1.28	15.5	3.2	6.4	Y
31-Jul	23:00	1.40	14.2	7.52	13.13	19,256	17,203	36,459	47.6	66.7	1.83	18.2	1.28	18.0	7.74	43	31.3	40.0	1.32	15.1	3.2	6.3	Y