

OHA - Drinking Water Program - Turbidity Monitoring Report Form							County: Washington
Conventional							Mo/Yr: Aug-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-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	0.03	0.02	0.02	0.02	0.03
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	0.03	0.03	0.03	0.02	0.02	0.03
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	0.03	0.03
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	0.03
26-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
27-Aug	0.02	0.02	0.02	0.02	0.02	0.02	0.02
28-Aug	0.02	0.02	0.02	0.02	0.02	0.03	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	0.03
31-Aug	0.03	0.03	0.03	0.03	0.02	0.03	0.03

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

Notes: OFF= WTP Offline for maintenance work.	PRINTED NAME: Zac Bertz SIGNATURE:	DATE: 9/5/2023 CERT#: T08022
PHONE #: (503) 758-4446		

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 (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	20:00	1.31	14.8	7.68	13.49	19,512	17,179	36,691	48.4	63.5	1.73	18.4	1.23	18.6	7.69	43	31.3	38.4	1.35	14.2	3.1	6.2	Y
2-Aug	12:00	1.35	13.4	7.79	13.73	24,428	17,178	41,606	41.0	55.4	1.31	21.1	1.35	16.6	7.73	43	31.3	42.2	1.26	16.7	2.6	5.2	Y
3-Aug	13:00	1.29	13.6	7.63	14.10	21,231	17,216	38,447	47.3	61.0	1.56	19.5	1.32	17.1	7.71	43	31.3	41.3	1.29	16.0	2.9	5.7	Y
4-Aug	2:00	1.35	14.5	7.46	13.52	20,797	17,177	37,974	46.1	62.2	1.79	17.4	1.28	18.8	7.73	43	31.3	40.0	1.40	14.3	3.2	6.4	Y
5-Aug	11:00	1.37	13.6	7.66	13.71	17,565	17,212	34,777	53.6	73.4	1.84	19.9	1.32	18.3	7.72	43	31.3	41.3	1.39	14.8	3.2	6.5	Y
6-Aug	22:00	1.30	14.7	7.64	13.74	17,730	17,070	34,800	53.4	69.4	1.90	18.2	1.21	19.0	7.57	43	31.3	37.8	1.43	13.2	3.3	6.7	Y
7-Aug	10:00	1.33	14.0	7.68	13.83	18,808	17,152	35,960	51.2	68.1	1.75	19.4	1.35	17.0	7.60	43	31.3	42.2	1.36	15.5	3.1	6.2	Y
8-Aug	1:00	1.31	15.0	7.57	13.94	17,954	17,242	35,196	53.5	70.1	2.01	17.4	1.25	19.3	7.58	43	31.3	39.1	1.50	13.0	3.5	7.0	Y
9-Aug	21:00	1.32	15.0	7.67	13.66	17,929	17,197	35,126	52.5	69.3	1.91	18.1	1.20	19.2	7.61	43	31.3	37.5	1.42	13.2	3.3	6.7	Y
10-Aug	20:00	1.23	15.2	7.81	13.55	19,587	17,197	36,784	48.5	59.7	1.60	18.6	1.16	18.8	7.67	43	31.3	36.3	1.31	13.8	2.9	5.8	Y
11-Aug	20:00	1.24	15.2	7.66	13.80	16,901	23,711	40,612	52.2	64.7	1.83	17.6	1.18	19.3	7.53	43	31.3	36.9	1.45	12.7	3.3	6.6	Y
12-Aug	22:00	1.29	15.2	7.68	13.38	12,269	26,010	38,279	64.1	82.7	2.32	17.9	1.18	19.3	7.58	43	31.3	36.9	1.43	12.9	3.7	7.5	Y
13-Aug	1:00	1.30	15.2	7.53	13.42	11,995	25,993	37,988	65.5	85.2	2.52	16.9	1.25	19.9	7.50	43	31.3	39.1	1.61	12.2	4.1	8.2	Y
14-Aug	19:00	1.28	16.1	7.49	13.67	12,530	25,937	38,467	64.5	82.5	2.63	15.7	1.18	19.5	7.42	43	31.3	36.9	1.53	12.0	4.2	8.3	Y
15-Aug	23:00	1.37	16.0	7.51	13.81	13,692	26,216	39,908	60.5	82.9	2.58	16.1	1.21	20.5	7.50	43	31.3	37.8	1.63	11.6	4.2	8.4	Y
16-Aug	12:00	1.26	15.4	7.61	13.12	25,515	26,092	51,607	35.0	44.1	1.29	17.1	1.32	17.6	7.65	43	31.3	41.3	1.37	15.1	2.7	5.3	Y
17-Aug	18:00	1.30	16.1	7.68	13.42	16,977	26,086	43,063	49.6	64.5	1.91	16.9	1.27	19.3	7.57	43	31.3	39.7	1.52	13.0	3.4	6.9	Y
18-Aug	13:00	1.32	14.8	7.67	13.85	17,481	25,846	43,327	50.1	66.1	1.80	18.3	1.32	18.5	7.62	44	30.5	40.3	1.43	14.1	3.2	6.5	Y
19-Aug	23:00	1.34	15.9	7.61	13.74	18,569	17,212	35,781	51.3	68.8	2.06	16.7	1.25	19.7	7.58	43	31.3	39.1	1.54	12.7	3.6	7.2	Y
20-Aug	0:00	1.34	15.8	7.58	13.74	18,580	17,221	35,801	51.3	68.8	2.07	16.6	1.25	19.8	7.59	43	31.3	39.1	1.54	12.7	3.6	7.2	Y
21-Aug	9:00	1.35	14.4	7.57	13.82	18,404	17,293	35,697	52.0	70.2	1.93	18.2	1.32	18.3	7.57	43	31.3	41.3	1.47	14.0	3.4	6.8	Y
22-Aug	21:00	1.29	15.1	7.71	13.79	16,400	17,275	33,675	56.9	73.4	2.02	18.2	1.21	19.1	7.64	43	31.3	37.8	1.41	13.4	3.4	6.8	Y
23-Aug	22:00	1.30	15.4	7.63	13.41	16,368	17,269	33,637	55.4	72.1	2.08	17.3	1.19	19.0	7.58	43	31.3	37.2	1.41	13.2	3.5	7.0	Y
24-Aug	23:00	1.36	15.9	7.54	13.15	12,169	26,138	38,307	63.4	86.2	2.64	16.3	1.18	19.6	7.55	43	31.3	36.9	1.47	12.5	4.1	8.2	Y
25-Aug	7:00	1.34	15.2	7.46	13.02	12,782	26,033	38,815	60.4	80.9	2.44	16.6	1.29	18.8	7.55	43	31.3	40.3	1.51	13.4	3.9	7.9	Y
26-Aug	0:00	1.41	16.3	7.52	12.95	11,575	25,811	37,386	65.1	91.9	2.89	15.9	1.27	19.6	7.51	43	31.3	39.7	1.59	12.5	4.5	9.0	Y
27-Aug	6:00	1.36	16.1	7.52	12.90	19,097	17,069	36,166	47.2	64.2	2.01	16.0	1.24	19.7	7.59	43	31.3	38.8	1.52	12.7	3.5	7.1	Y
28-Aug	22:00	1.40	16.2	7.60	13.04	18,675	17,084	35,759	48.6	68.0	2.07	16.4	1.25	19.3	7.54	43	31.3	39.1	1.52	12.8	3.6	7.2	Y
29-Aug	2:00	1.39	16.4	7.63	13.02	18,754	17,095	35,849	48.3	67.2	2.05	16.4	1.22	19.4	7.57	43	31.3	38.1	1.48	12.9	3.5	7.1	Y
30-Aug	14:00	1.27	16.1	7.70	14.03	18,368	16,965	35,333	53.0	67.4	1.99	16.9	1.20	18.4	7.65	44	30.5	36.7	1.30	14.1	3.3	6.6	Y
31-Aug	21:00	1.32	16.1	7.49	13.73	19,021	8,549	27,570	56.7	74.8	2.38	15.7	1.15	19.1	7.54	43	31.3	35.9	1.40	12.9	3.8	7.5	Y