

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

Notes:	PRINTED NAME: Zac Bertz	DocuSigned by:	DATE:
	SIGNATURE:		11/1/2023
	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	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?	
		(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-Oct	10:00	1.36	15.8	7.65	13.52	16,046	0	16,046	80.1	108.9	3.18	17.1	1.24	18.5	7.87	43	31.3	38.8	1.27	15.3	4.4	8.9	Y
2-Oct	14:00	1.31	15.4	7.85	14.19	16,505	0	16,505	81.7	107.0	2.84	18.8	1.28	18.6	7.82	43	31.3	40.0	1.33	15.0	4.2	8.4	Y
3-Oct	22:00	1.40	16.2	7.46	13.91	25,328	0	25,328	52.2	73.1	2.34	15.6	1.20	18.5	7.82	43	31.3	37.5	1.25	15.0	3.6	7.2	Y
4-Oct	0:00	1.49	16.2	7.36	13.77	25,246	0	25,246	51.8	77.2	2.54	15.2	1.24	18.7	7.67	43	31.3	38.8	1.38	14.0	3.9	7.8	Y
5-Oct	20:00	1.30	17.0	7.59	13.43	13,128	8,509	21,637	75.8	98.5	3.21	15.3	1.17	19.6	7.74	43	31.3	36.6	1.36	13.4	4.6	9.1	Y
6-Oct	13:00	1.31	16.9	7.81	13.55	11,174	8,539	19,713	87.2	114.3	3.40	16.8	1.28	19.4	7.85	43	31.3	40.0	1.39	14.4	4.8	9.6	Y
7-Oct	1:00	1.36	17.0	7.61	13.17	10,269	8,506	18,775	90.9	123.6	3.97	15.6	1.25	18.9	7.82	43	31.3	39.1	1.33	14.6	5.3	10.6	Y
8-Oct	20:00	1.29	17.1	7.68	13.13	10,466	8,540	19,006	89.2	115.0	3.65	15.7	1.14	19.2	7.83	43	31.3	35.6	1.25	14.2	4.9	9.8	Y
9-Oct	21:00	1.39	16.3	7.74	13.17	11,835	8,498	20,333	81.0	112.5	3.28	17.2	1.21	19.0	7.87	43	31.3	37.8	1.28	14.7	4.6	9.1	Y
10-Oct	23:00	1.30	15.7	7.71	14.00	14,289	8,552	22,841	73.5	95.6	2.73	17.5	1.18	18.4	7.74	43	31.3	36.9	1.26	14.6	4.0	8.0	Y
11-Oct	0:00	1.35	15.6	7.57	13.16	12,793	8,531	21,324	75.8	102.3	3.04	16.8	1.18	18.4	7.85	43	31.3	36.9	1.21	15.2	4.3	8.5	Y
12-Oct	20:00	1.27	14.5	7.55	13.44	14,385	8,546	22,931	70.2	89.2	2.50	17.8	1.15	17.9	7.74	43	31.3	35.9	1.20	15.0	3.7	7.4	Y
13-Oct	2:00	1.29	14.3	7.37	13.64	14,976	8,576	23,552	68.9	88.8	2.63	16.9	1.22	17.2	7.55	43	31.3	38.1	1.29	14.8	3.9	7.8	Y
14-Oct	10:00	1.28	13.8	7.66	14.09	12,106	8,498	20,604	85.0	108.8	2.80	19.4	1.27	18.6	7.76	43	31.3	39.7	1.36	14.6	4.2	8.3	Y
15-Oct	19:00	1.37	14.5	7.59	13.80	10,969	8,457	19,426	90.4	123.8	3.39	18.3	1.28	17.8	7.66	43	31.3	40.0	1.34	14.9	4.7	9.5	Y
16-Oct	19:00	1.39	14.8	7.66	13.87	11,820	8,535	20,355	85.3	118.5	3.22	18.4	1.28	18.2	7.75	43	31.3	40.0	1.33	15.0	4.6	9.1	Y
17-Oct	16:00	1.23	14.8	7.61	13.46	10,717	8,595	19,312	89.6	110.1	3.10	17.8	0.93	19.2	7.71	42	32.0	29.8	1.12	13.3	4.2	8.4	Y
18-Oct	20:00	1.34	14.2	7.47	13.48	10,363	8,585	18,948	92.2	123.5	3.48	17.8	1.25	18.0	7.67	42	32.0	40.0	1.36	14.7	4.8	9.7	Y
19-Oct	19:00	1.41	14.2	7.74	13.78	8,741	8,574	17,315	108.2	152.6	3.85	19.8	1.24	18.1	7.77	42	32.0	39.7	1.31	15.1	5.2	10.3	Y
20-Oct	4:00	1.35	14.2	7.97	13.62	10,088	8,520	18,608	95.3	128.7	3.01	21.4	1.24	18.1	7.80	42	32.0	39.7	1.30	15.3	4.3	8.6	Y
21-Oct	21:00	1.36	14.5	7.65	13.14	8,967	8,610	17,578	101.0	137.3	3.68	18.7	1.26	18.0	7.74	42	32.0	40.3	1.33	15.1	5.0	10.0	Y
22-Oct	23:00	1.38	14.9	7.55	13.21	9,206	8,629	17,835	99.3	137.1	3.91	17.6	1.24	18.3	7.72	42	32.0	39.7	1.35	14.7	5.3	10.5	Y
23-Oct	20:00	1.34	14.5	7.71	13.52	15,204	8,690	23,894	67.3	90.1	2.37	19.0	1.24	18.3	7.79	42	32.0	39.7	1.32	15.1	3.7	7.4	Y
24-Oct	0:00	1.43	14.5	7.58	13.07	14,591	8,603	23,194	67.4	96.4	2.63	18.3	1.24	18.5	7.80	42	32.0	39.7	1.33	14.9	4.0	7.9	Y
25-Oct	15:00	1.25	12.5	7.68	13.71	12,029	8,591	20,620	83.0	103.7	2.44	21.3	1.26	15.9	7.82	42	32.0	40.3	1.13	17.9	3.6	7.1	Y
26-Oct	14:00	1.38	11.5	7.55	13.89	11,835	8,598	20,433	85.2	117.6	2.66	22.1	1.23	15.7	7.66	42	32.0	39.4	1.15	17.0	3.8	7.6	Y
27-Oct	19:00	1.38	10.8	7.76	13.77	11,254	8,525	19,779	88.2	121.7	2.44	25.0	1.20	15.8	7.72	42	32.0	38.4	1.11	17.2	3.6	7.1	Y
28-Oct	0:00	1.36	10.6	7.69	13.56	8,706	8,530	17,236	106.9	145.4	2.95	24.6	1.20	16.2	7.72	42	32.0	38.4	1.14	16.8	4.1	8.2	Y
29-Oct	1:00	1.35	9.5	7.61	13.80	8,708	8,557	17,265	108.7	146.8	2.85	25.7	1.21	15.5	7.72	42	32.0	38.7	1.10	17.6	4.0	7.9	Y
30-Oct	14:00	1.35	8.6	7.78	13.92	8,536	8,522	17,058	111.5	150.6	2.59	29.0	1.26	12.7	7.79	42	32.0	40.3	0.92	21.9	3.5	7.0	Y
31-Oct	17:00	1.24	8.7	7.82	14.09	8,920	8,496	17,416	109.0	135.2	2.34	28.9	1.16	13.9	7.78	42	32.0	37.1	0.93	19.9	3.3	6.5	Y