OHA - Drinking Water Program - Turbidity Monitoring Report Form **County: Washington**

Conventional **Mo/Yr: Nov-21**

System Name: **Joint Water Commission ID#: OR4100379** WTP-: WTP-A

DATE	Combined Filter Effluent 0:00 (NTU)	4:00 (NTU)	8:00 (NTU)	12:00 (NTU)	16:00 (NTU)	20:00 (NTU)	HIGHEST READING [1] (NTU)
1-Nov	0.03	0.03	0.03	0.03	0.03	0.02	0.03
2-Nov	0.02	0.02	0.02	0.03	0.03	0.03	0.03
3-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
5-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
6-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
9-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
10-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11-Nov	0.03	0.03	0.02	0.03	0.03	0.03	0.03
12-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
13-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
14-Nov	0.03	0.03	0.03	0.04	0.03	0.03	0.04
15-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17-Nov	0.03	0.03	0.03	plant off	0.03	0.03	0.03
18-Nov	0.03	0.03	0.02	0.03	0.03	0.04	0.04
19-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.04
20-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
24-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
26-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
27-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30-Nov	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?	**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**		

Notes: OFF= WTP Offline for expansion or maintenance work.	**PRINTED NAME:** Zac Bertz **SIGNATURE:**	**DATE:** **12/1/2021**
	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 (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 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-Nov	1:00	1.35	6.4	7.60	14.60	19661	8171	27832	58.94	79.57	1.26	31.59	1.26	15.9	7.61	44.0	30.55	38.49	1.16	16.56	2.42	4.84	Y
2-Nov	22:00	1.18	6.7	7.73	14.22	11165	8333	19498	92.01	108.57	1.71	31.81	1.18	16.4	7.74	44.0	30.55	36.04	1.08	16.66	2.79	5.58	Y
3-Nov	20:00	0.90	7.6	7.40	12.93	22168	8333	30501	46.93	42.24	0.82	25.73	1.27	16.6	7.47	44.0	30.55	38.79	1.29	15.03	2.11	4.22	Y
4-Nov	2:00	0.85	7.6	7.60	13.33	17659	8333	25992	58.83	50.00	0.91	27.49	1.30	17.2	7.60	44.0	30.55	39.71	1.31	15.20	2.22	4.43	Y
5-Nov	20:00	0.91	8.1	7.64	13.41	8659	8171	16830	107.09	97.45	1.79	27.15	1.05	18.0	7.66	44.0	30.55	32.07	1.12	14.32	2.91	5.83	Y
6-Nov	20:00	0.81	7.5	7.64	13.38	12826	8171	20997	77.49	62.77	1.12	27.94	1.06	17.2	7.76	44.0	30.55	32.38	1.03	15.70	2.15	4.31	Y
7-Nov	22:00	0.99	6.5	7.49	13.39	14844	8171	23015	68.65	67.96	1.17	28.92	1.15	16.0	7.57	44.0	30.55	35.13	1.10	16.01	2.27	4.54	Y
8-Nov	21:00	0.90	6.6	7.61	13.28	13346	8171	21517	74.41	66.97	1.13	29.69	1.08	16.1	7.73	44.0	30.55	32.99	0.99	16.74	2.11	4.23	Y
9-Nov	5:00	0.84	6.9	7.72	13.48	12988	83333	96321	50.77	42.65	0.71	30.06	1.06	15.9	7.73	44.0	30.55	32.38	0.96	16.93	1.67	3.33	Y
10-Nov	0:00	0.91	7.0	7.57	13.38	14160	8333	22493	71.13	64.73	1.14	28.51	1.18	16.9	7.68	44.0	30.55	36.04	1.14	15.76	2.28	4.56	Y
11-Nov	15:00	1.15	7.4	7.64	14.26	12174	8333	20507	85.94	98.83	1.69	29.26	1.10	17.2	7.68	44.0	30.55	33.60	1.10	15.31	2.79	5.57	Y
12-Nov	5:00	1.17	8.3	7.79	14.49	13835	8333	22168	78.54	91.89	1.58	29.13	1.12	17.9	7.78	44.0	30.55	34.21	1.13	15.19	2.70	5.41	Y
13-Nov	13:00	1.09	9.0	7.55	14.34	8822	8333	17155	112.38	122.49	2.42	25.26	1.08	17.3	7.62	44.0	30.55	32.99	1.11	14.84	3.54	7.07	Y
14-Nov	20:00	1.26	9.3	7.60	14.50	12826	8333	21159	83.69	105.45	2.05	25.70	1.08	16.8	7.61	43.0	31.26	33.76	1.10	15.28	3.16	6.31	Y
15-Nov	11:00	1.15	9.7	7.56	13.80	13835	8171	22006	75.04	86.30	1.77	24.36	1.10	16.3	7.73	44.0	30.55	33.60	1.01	16.56	2.79	5.57	Y
16-Nov	22:00	1.23	7.7	7.53	14.80	22800	0	22800	61.68	75.86	1.36	27.82	1.08	17.6	7.61	44.0	30.55	32.99	1.14	14.49	2.50	5.00	Y
17-Nov	20:00	1.18	6.8	7.39	13.57	24154	0	24154	53.38	62.99	1.13	27.95	1.10	16.9	7.56	44.0	30.55	33.60	1.12	14.94	2.25	4.50	Y
18-Nov	23:00	0.90	6.0	7.78	13.51	11816	8496	20312	83.16	74.84	1.14	32.89	1.03	15.8	7.66	44.0	30.55	31.46	0.95	16.55	2.09	4.18	Y
19-Nov	22:00	1.01	6.7	7.77	13.54	14160	8691	22851	71.48	72.19	1.14	31.65	1.11	15.6	7.72	43.0	31.26	34.69	1.00	17.30	2.14	4.29	Y
20-Nov	6:00	1.06	6.9	7.67	13.54	14518	8496	23014	70.27	74.49	1.23	30.28	1.10	16.8	7.68	43.0	31.26	34.38	1.09	15.72	2.32	4.65	Y
21-Nov	8:00	1.06	6.2	7.73	13.59	10645	8496	19141	91.11	96.58	1.49	32.46	1.07	15.6	7.72	43.0	31.26	33.44	0.97	17.22	2.46	4.92	Y
22-Nov	23:00	1.07	4.6	7.75	13.56	14323	8496	22819	71.17	76.16	1.04	36.53	1.17	15.1	7.71	43.0	31.26	36.57	1.02	17.94	2.06	4.12	Y
23-Nov	2:00	1.07	4.6	7.74	13.69	14160	8529	22689	72.50	77.57	1.07	36.39	1.10	15.6	7.73	43.0	31.26	34.38	0.99	17.35	2.06	4.11	Y
24-Nov	21:00	1.29	4.9	7.48	13.75	12663	8496	21159	79.94	103.12	1.55	33.27	1.16	16.2	7.61	43.0	31.26	36.26	1.13	16.05	2.68	5.36	Y
25-Nov	15:00	1.20	5.3	7.69	13.47	14648	8496	23144	69.39	83.27	1.20	34.58	1.11	16.1	7.62	73.0	18.41	20.44	0.63	16.13	1.84	3.67	Y
26-Nov	23:00	1.25	6.4	7.68	14.38	14518	8496	23014	74.63	93.29	1.45	32.15	1.23	16.8	7.59	43.0	31.26	38.44	1.25	15.43	2.70	5.39	Y
27-Nov	13:00	1.23	6.9	7.51	14.35	14648	8496	23144	73.92	90.92	1.56	29.15	1.12	17.2	7.60	43.0	31.26	35.01	1.18	14.89	2.73	5.47	Y
28-Nov	20:00	1.27	7.9	7.77	14.23	19499	0	19499	69.34	88.06	1.46	30.06	1.05	17.8	7.85	43.0	31.26	32.82	1.05	15.57	2.52	5.04	Y
29-Nov	8:00	1.15	8.1	7.47	14.41	15332	8659	23991	71.23	81.91	1.56	26.26	1.16	16.6	7.59	43.0	31.26	36.26	1.17	15.51	2.73	5.46	Y
30-Nov	0:00	1.17	8.1	7.67	13.99	18522	0	18522	71.77	83.97	1.48	28.28	1.19	16.9	7.62	43.0	31.26	37.19	1.21	15.43	2.69	5.38	Y