

OHA - Drinking Water Program - Turbidity Monitoring Report Form						County: Washington	
Conventional						Mo/Yr: Apr-22	
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-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
2-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
3-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
5-Apr	0.05	0.05	0.04	0.04	0.04	0.04	0.05
6-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
7-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
8-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
9-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
10-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
11-Apr	0.04	0.04	Plant off	Plant off	Plant off	0.04	0.04
12-Apr	0.04	0.04	Plant off	Plant off	Plant off	0.04	0.04
13-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
14-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
15-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
16-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
17-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
18-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
19-Apr	0.03	0.03	Plant off	Plant off	0.03	0.03	0.03
20-Apr	0.03	0.03	0.03	0.03	0.03	0.04	0.04
21-Apr	0.04	0.03	0.03	0.03	0.03	0.04	0.04
22-Apr	0.04	0.04	0.04	0.04	0.04	0.04	0.04
23-Apr	0.04	0.04	0.04	0.03	0.03	0.03	0.04
24-Apr	0.03	0.04	0.04	0.04	0.04	0.03	0.04
25-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.04
26-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
27-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.04
28-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.04

Conventional			Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 0.3 NTU?	Yes	CT's met everyday? (see back) Yes	All Cl2 residual at entry point ≥ 0.2 mg/l?	
All daily turbidity readings ≤ 1 NTU?	Yes		Yes	
All turbidity readings < IFE ² triggers	Yes			

Notes: OFF= WTP Offline for expansion or maintenance work.	PRINTED NAME: Zac Bertz		DATE:
	SIGNATURE:		5/4/2022
	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		
		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?
DATE	TIME	(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-Apr	13:00	1.33	10.2	7.84	13.03	17,350	0	17,350	71.4	95	1.79	27	1.23	13.4	7.72	43	31.3	38	0.95	20	2.7	5.5	Y
2-Apr	9:00	1.31	10.1	7.57	13.50	15,169	8,659	23,828	67.3	88	1.82	24	1.23	15.2	7.66	43	31.3	38	1.09	18	2.9	5.8	Y
3-Apr	21:00	1.26	10.8	7.76	13.43	13,997	8,659	22,656	71.6	90	1.83	25	1.12	15.9	7.65	43	31.3	35	1.06	17	2.9	5.8	Y
4-Apr	22:00	1.37	10.4	7.55	13.04	14,811	8,822	23,633	66.1	91	1.91	24	1.21	14.7	7.57	43	31.3	38	1.08	18	3.0	6.0	Y
5-Apr	8:00	1.44	9.7	7.67	13.17	16,667	8,822	25,489	60.5	87	1.66	26	1.28	14.9	7.72	43	31.3	40	1.08	18	2.7	5.5	Y
6-Apr	0:00	1.39	8.8	7.52	13.09	15,658	8,822	24,480	63.4	88	1.68	26	1.28	15.2	7.46	43	31.3	40	1.22	16	2.9	5.8	Y
7-Apr	23:00	1.05	11.0	7.68	13.22	22,168	0	22,168	56.7	59	1.29	23	1.40	15.4	7.56	43	31.3	44	1.28	17	2.6	5.1	Y
8-Apr	1:00	1.07	11.0	7.69	13.38	22,819	0	22,819	55.7	60	1.29	23	1.30	15.7	7.58	44	30.5	40	1.19	17	2.5	5.0	Y
9-Apr	21:00	1.04	10.7	7.73	13.20	21,322	8,659	29,981	49.3	51	1.07	24	1.27	15.7	7.75	43	31.3	40	1.12	18	2.2	4.4	Y
10-Apr	2:00	1.09	10.1	7.64	13.19	22,168	8,529	30,697	47.7	52	1.07	24	1.27	14.6	7.64	43	31.3	40	1.09	18	2.2	4.3	Y
11-Apr	22:00	1.08	8.4	7.71	13.11	19,661	18,359	38,020	46.2	50	0.90	28	1.22	13.1	7.69	44	30.5	37	0.91	20	1.8	3.6	Y
12-Apr	5:00	1.11	7.7	7.62	12.38	21,647	18,001	39,648	40.5	45	0.79	28	1.28	13.5	7.54	44	30.5	39	1.03	19	1.8	3.6	Y
13-Apr	6:00	1.16	8.2	7.62	13.15	16,341	8,822	25,163	61.4	71	1.29	28	1.27	13.1	7.61	44	30.5	39	0.97	20	2.3	4.5	Y
14-Apr	3:00	1.28	8.4	7.59	13.34	14,160	8,854	23,014	70.2	90	1.65	27	1.28	13.8	7.66	44	30.5	39	1.01	19	2.7	5.3	Y
15-Apr	0:00	1.27	8.3	7.88	13.84	9,831	8,854	18,685	98.2	125	2.05	30	1.29	13.5	7.83	44	30.5	39	0.93	21	3.0	6.0	Y
16-Apr	12:00	1.20	9.0	7.71	13.63	11,198	8,659	19,857	87.4	105	1.93	27	1.21	14.6	7.72	43	31.3	38	1.01	19	2.9	5.9	Y
17-Apr	19:00	1.26	9.0	7.66	13.76	11,523	8,854	20,377	85.8	108	2.02	27	1.30	14.5	7.59	43	31.3	41	1.12	18	3.1	6.3	Y
18-Apr	7:00	1.28	9.4	7.74	13.15	15,690	8,822	24,512	63.6	81	1.51	27	1.30	13.8	7.71	44	30.5	40	1.00	20	2.5	5.0	Y
19-Apr	16:00	1.14	9.3	7.62	13.69	12,174	8,854	21,028	81.6	93	1.82	26	1.18	12.9	7.68	44	30.5	36	0.88	21	2.7	5.4	Y
20-Apr	19:00	1.19	9.0	7.68	12.69	11,523	8,854	20,377	79.1	94	1.76	27	1.30	14.9	7.65	44	30.5	40	1.10	18	2.9	5.7	Y
21-Apr	0:00	1.09	9.0	7.70	12.84	10,156	9,017	19,173	88.4	96	1.81	27	1.21	14.4	7.72	44	30.5	37	0.98	19	2.8	5.6	Y
22-Apr	21:00	1.03	10.3	7.55	12.98	9,668	8,854	18,522	93.4	96	2.09	23	1.25	14.4	7.62	43	31.3	39	1.06	18	3.2	6.3	Y
23-Apr	19:00	1.00	10.7	7.58	12.92	12,337	8,659	20,996	76.5	76	1.69	23	1.24	15.0	7.58	43	31.3	39	1.12	17	2.8	5.6	Y
24-Apr	20:00	1.12	11.6	7.65	12.90	10,482	8,659	19,141	87.3	98	2.21	22	1.28	15.5	7.55	44	30.5	39	1.17	17	3.4	6.8	Y
25-Apr	20:00	0.96	11.9	7.39	12.88	9,342	8,496	17,838	96.0	92	2.37	19	1.18	16.2	7.39	44	30.5	36	1.22	15	3.6	7.2	Y
26-Apr	7:00	1.03	11.7	7.41	13.08	11,387	8,653	20,040	82.7	85	2.13	20	1.28	15.2	7.54	43	31.3	40	1.18	17	3.3	6.6	Y
27-Apr	14:00	1.14	11.4	7.61	13.90	12,301	8,658	20,959	82.5	94	2.13	22	1.26	15.3	7.57	43	31.3	39	1.16	17	3.3	6.6	Y
28-Apr	12:00	1.31	11.2	7.69	14.14	8,730	8,650	17,380	110.9	145	3.09	24	1.31	14.4	7.71	43	31.3	41	1.07	19	4.2	8.3	Y
29-Apr	23:00	1.33	10.8	7.56	13.29	8,637	8,630	17,267	105.2	140	3.03	23	1.28	15.6	7.52	43	31.3	40	1.22	16	4.2	8.5	Y
30-Apr	19:00	1.28	10.9	7.60	14.03	9,134	8,600	17,734	106.3	136	2.94	23	1.19	15.9	7.69	43	31.3	37	1.10	17	4.0	8.1	Y