

OHA - Drinking Water Program - Turbidity Monitoring Report Form						County: Washington	
Conventional						Mo/Yr: May-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-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3-May	0.03	0.03	0.03	0.03	0.03	0.03	0.04
4-May	0.03	0.03	Plant off	Plant off	0.03	0.03	0.03
5-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
6-May	0.03	0.03	0.03	0.03	0.03	0.03	0.04
7-May	0.03	0.03	0.03	0.03	0.03	0.04	0.04
8-May	0.04	0.04	0.04	0.04	0.03	0.03	0.04
9-May	0.03	0.04	0.04	0.04	0.05	0.04	0.05
10-May	0.04	0.04	Plant off	Plant off	0.04	0.04	0.04
11-May	0.04	0.04	0.02	0.02	0.02	0.02	0.04
12-May	0.02	0.03	0.03	0.03	0.03	0.03	0.03
13-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
14-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20-May	0.03	0.03	0.02	0.03	0.02	0.02	0.03
21-May	0.02	0.03	0.03	0.03	0.03	0.03	0.03
22-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
25-May	0.02	0.02	Plant off	Plant off	0.02	0.02	0.02
26-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
27-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
28-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
31-May	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	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		DATE:
	SIGNATURE:		6/1/2022
	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-May	4:00	1.31	11.1	7.67	13.37	8672	8592	17264	105.61	138.34	2.94	23.50	1.29	15.1	7.73	43.0	31.26	40.32	1.10	18.32	4.04	8.09	Y
2-May	21:00	1.32	11.9	7.55	13.59	9339	8478	17817	101.37	133.81	3.13	21.39	1.26	15.2	7.71	44.0	30.55	38.49	1.07	18.01	4.20	8.39	Y
3-May	20:00	1.27	12.4	7.61	13.95	14112	8445	22557	74.21	94.24	2.24	21.02	1.17	16.6	7.63	44.0	30.55	35.74	1.13	15.76	3.37	6.75	Y
4-May	0:00	1.32	12.3	7.57	13.05	9360	8426	17786	97.28	128.41	3.06	20.99	1.22	16.3	7.59	44.0	30.55	37.27	1.17	15.94	4.23	8.46	Y
5-May	2:00	1.13	12.5	7.55	13.09	9667	8415	18082	95.08	107.44	2.68	20.01	1.19	16.4	7.63	44.0	30.55	36.35	1.14	16.01	3.82	7.64	Y
6-May	23:00	0.97	11.5	7.64	13.05	9409	8494	17903	96.72	93.82	2.15	21.79	1.23	15.5	7.75	44.0	30.55	37.57	1.05	17.85	3.20	6.41	Y
7-May	8:00	1.04	11.5	7.75	13.06	10095	8499	18594	91.42	95.07	2.08	22.83	1.19	15.9	7.74	44.0	30.55	36.35	1.05	17.24	3.14	6.27	Y
8-May	3:00	1.01	10.9	7.69	12.98	10944	8460	19404	85.14	85.99	1.85	23.18	1.22	15.8	7.74	44.0	30.55	37.27	1.07	17.42	2.92	5.85	Y
9-May	20:00	1.15	10.2	7.70	13.84	11929	8441	20370	84.62	97.31	1.96	24.77	1.33	15.1	7.74	43.0	31.26	41.57	1.13	18.48	3.09	6.18	Y
10-May	3:00	1.14	10.2	7.50	13.17	10762	8431	19193	87.63	99.90	2.17	23.05	1.31	14.9	7.69	43.0	31.26	43.00	1.17	18.34	3.34	6.68	Y
11-May	22:00	1.16	11.7	7.88	13.60	21894	0	21894	59.02	68.46	1.43	23.92	1.11	15.4	7.84	44.0	30.55	33.91	0.92	18.33	2.36	4.71	Y
12-May	1:00	1.26	11.7	7.81	13.43	22954	0	22954	55.59	70.05	1.48	23.60	1.13	14.7	7.80	44.0	30.55	34.52	0.91	18.96	2.39	4.79	Y
13-May	0:00	1.29	11.1	7.68	13.20	20293	0	20293	61.80	79.73	1.69	23.53	1.20	15.4	7.76	44.0	30.55	36.65	1.02	17.98	2.71	5.43	Y
14-May	20:00	1.18	11.6	7.60	13.56	16620	0	16620	77.52	91.48	2.09	21.86	1.14	15.3	7.57	44.0	30.55	34.82	1.04	16.76	3.13	6.26	Y
15-May	23:00	1.08	12.7	7.57	13.58	17062	0	17062	75.62	81.67	2.06	19.78	1.13	16.4	7.60	44.0	30.55	34.52	1.10	15.73	3.16	6.32	Y
16-May	12:00	1.24	12.9	7.62	13.61	18828	0	18828	68.68	85.17	2.10	20.25	1.15	15.8	7.67	44.0	30.55	35.13	1.04	16.84	3.15	6.29	Y
17-May	0:00	1.33	12.7	7.60	13.48	18252	0	18252	70.17	93.33	2.27	20.58	1.18	16.4	7.67	44.0	30.55	36.04	1.11	16.23	3.38	6.76	Y
18-May	0:00	1.31	12.6	7.54	13.13	6389	8347	14736	133.24	174.55	4.32	20.21	1.09	16.7	7.76	44.0	30.55	33.29	1.02	16.28	5.34	10.68	Y
19-May	12:00	1.09	11.6	7.97	13.38	4924	8456	13380	166.69	181.69	3.68	24.66	1.12	15.4	7.85	44.0	30.55	34.15	0.93	18.41	4.61	9.22	Y
20-May	20:00	1.05	11.6	7.42	13.47	13415	8740	22155	74.30	78.01	1.93	20.23	1.26	15.9	7.44	44.0	30.55	38.49	1.24	15.55	3.17	6.33	Y
21-May	7:00	1.10	10.9	7.77	13.17	13105	8426	21531	74.53	81.99	1.70	24.09	1.18	15.6	7.75	44.0	30.55	36.04	1.02	17.63	2.72	5.45	Y
22-May	21:00	0.92	12.9	7.50	13.31	10642	8268	18910	89.70	82.52	2.21	18.68	1.20	16.4	7.54	44.0	30.55	36.65	1.18	15.51	3.39	6.78	Y
23-May	12:00	0.96	13.3	7.74	13.30	5021	17363	22384	142.21	136.52	3.42	19.96	1.22	16.3	7.79	44.0	30.55	37.27	1.09	17.16	4.50	9.01	Y
24-May	6:00	0.98	13.1	7.50	13.04	8682	8258	16940	103.70	101.62	2.74	18.56	1.26	16.5	7.70	44.0	30.55	38.49	1.17	16.45	3.91	7.81	Y
25-May	15:00	0.97	13.2	7.30	11.96	14334	8341	22675	62.93	61.04	1.78	17.11	1.11	16.2	7.58	44.0	30.55	33.91	1.07	15.79	2.86	5.72	Y
26-May	4:00	1.15	13.8	7.47	13.26	11865	8225	20090	81.81	94.08	2.63	17.86	1.16	17.1	7.57	44.0	30.55	35.43	1.19	14.89	3.82	7.65	Y
27-May	6:00	1.17	13.5	7.74	13.29	9667	8234	17901	96.93	113.41	2.81	20.18	1.18	17.0	7.85	44.0	30.55	36.04	1.08	16.67	3.89	7.78	Y
28-May	0:00	1.15	13.0	7.63	13.43	9585	8203	17788	98.70	113.51	2.84	19.98	1.13	17.0	7.76	44.0	30.55	34.52	1.08	16.03	3.92	7.83	Y
29-May	9:00	1.21	11.7	7.68	13.21	8420	8268	16688	107.65	130.26	2.91	22.41	1.22	16.2	7.73	44.0	30.55	37.27	1.10	16.90	4.01	8.02	Y
30-May	21:00	1.19	12.6	7.47	13.06	9701	8210	17911	95.04	113.09	2.91	19.43	1.21	15.8	7.53	44.0	30.55	36.96	1.15	16.10	4.06	8.12	Y
31-May	11:00	1.23	12.4	7.76	14.00	10041	8251	18292	98.97	121.73	2.76	22.06	1.30	14.4	7.73	44.0	30.55	39.71	1.03	19.22	3.79	7.58	Y