

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: **Washington**

Conventional

Mo/Yr: **Jul-21**

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-Jul	0.02	0.03	0.02	0.02	0.03	0.02	0.03
2-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.03
3-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4-Jul	0.02	0.03	0.02	0.02	0.02	0.02	0.03
5-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.03
6-Jul	0.02	0.02	0.02	0.03	0.02	0.02	0.03
7-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
8-Jul	0.02	0.02	0.03	0.02	0.02	0.02	0.03
9-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
10-Jul	0.02	0.02	0.02	0.03	0.02	0.02	0.03
11-Jul	0.02	0.02	0.02	0.02	0.02	0.03	0.03
12-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
13-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
14-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
18-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
21-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
22-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
25-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
26-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
27-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
28-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30-Jul	0.02	0.02	0.02	0.02	0.02	0.02	0.02
31-Jul	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) Yes	All Cl2 residual at entry point ≥ 0.2 mg/l? Yes
All daily turbidity readings ≤ 1 NTU? Yes		
All turbidity readings < IFE ² triggers Yes		

Notes: OFF= WTP Offline for expansion or maintenance work.	PRINTED NAME: Zac Bertz	DATE: 8/2/2021
	SIGNATURE:	
	PHONE #: (503) 615-6671	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	Celsius	FWPS 1 (CT)	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?
		1-Jul		12:00		0.96	11.9		7.68	14.08	13835	26009	39844	61.30	58.85	1.37	21.50	0.97	15.5	7.67	46.0	29.22	28.34
2-Jul	23:00	1.08	13.6	7.64	13.55	13672	25814	39486	59.65	64.42	1.68	19.12	1.03	18.4	7.65	46.0	29.22	30.09	1.09	13.86	2.77	5.54	Y
3-Jul	2:00	1.14	13.7	7.69	13.64	13835	25846	39681	59.46	67.79	1.74	19.48	1.05	18.2	7.66	46.0	29.22	30.68	1.09	14.13	2.83	5.65	Y
4-Jul	0:00	1.03	14.2	7.69	13.56	13835	25814	39649	59.13	60.90	1.64	18.61	0.91	19.3	7.70	46.0	29.22	26.59	1.01	13.11	2.65	5.30	Y
5-Jul	1:00	1.00	13.9	7.68	13.57	13835	25814	39649	59.17	59.17	1.57	18.85	0.92	19.0	7.68	46.0	29.22	26.88	1.01	13.29	2.58	5.16	Y
6-Jul	10:00	1.02	13.3	7.56	13.78	14323	25814	40137	58.44	59.61	1.58	18.81	1.04	15.9	7.59	46.0	29.22	30.39	0.95	16.04	2.53	5.06	Y
7-Jul	7:00	1.05	14.1	7.84	13.40	11165	25684	36849	69.46	72.94	1.84	19.84	1.01	17.7	7.71	46.0	29.22	29.51	1.00	14.82	2.83	5.67	Y
8-Jul	18:00	1.13	13.1	7.61	14.34	18994	16667	35661	52.93	59.82	1.52	19.66	1.08	17.9	7.80	46.0	29.22	31.55	1.04	15.24	2.56	5.11	Y
9-Jul	21:00	1.13	13.8	7.71	13.70	19010	16667	35677	50.54	57.11	1.47	19.47	1.13	18.4	7.65	46.0	29.22	33.02	1.18	14.02	2.64	5.29	Y
10-Jul	6:00	1.11	13.2	7.59	13.62	19678	16829	36507	48.76	54.13	1.40	19.34	1.13	17.6	7.63	45.0	29.87	33.75	1.15	14.68	2.55	5.10	Y
11-Jul	21:00	1.04	14.2	7.61	14.13	20671	16829	37500	48.60	50.55	1.40	18.09	1.07	18.1	7.53	46.0	29.22	31.26	1.15	13.59	2.55	5.10	Y
12-Jul	20:00	1.12	14.2	7.76	14.24	22835	16667	39502	45.23	50.66	1.31	19.29	1.02	18.6	7.70	46.0	29.22	29.80	1.07	13.92	2.38	4.77	Y
13-Jul	3:00	1.17	13.7	7.69	14.54	24495	16667	41162	43.59	51.01	1.30	19.55	1.04	18.6	7.72	46.0	29.22	30.39	1.08	14.05	2.39	4.77	Y
14-Jul	20:00	1.11	13.8	7.84	13.92	23324	25684	49008	40.04	44.45	1.09	20.38	1.01	18.6	7.71	46.0	29.22	29.51	1.06	13.95	2.15	4.30	Y
15-Jul	0:00	1.13	13.7	7.77	13.08	17676	25846	43522	46.90	52.99	1.32	20.04	1.07	18.4	7.72	46.0	29.22	31.26	1.09	14.29	2.42	4.83	Y
16-Jul	23:00	1.01	13.2	7.73	13.52	18490	26009	44499	46.70	47.17	1.17	20.14	1.00	17.7	7.75	45.0	29.87	29.87	0.99	15.02	2.17	4.33	Y
17-Jul	0:00	1.02	13.0	7.67	13.24	13330	26009	39339	59.38	60.57	1.52	19.98	1.00	18.3	7.75	45.0	29.87	29.87	1.03	14.43	2.55	5.10	Y
18-Jul	6:00	1.05	13.0	7.60	13.53	25000	25846	50846	36.76	38.60	0.99	19.54	1.04	18.3	7.62	45.0	29.87	31.06	1.12	13.81	2.11	4.22	Y
19-Jul	7:00	1.07	13.4	7.57	13.54	24333	25846	50179	37.60	40.23	1.07	18.86	1.07	18.0	7.59	46.0	29.22	31.26	1.12	13.99	2.18	4.37	Y
20-Jul	17:00	0.98	13.4	7.87	13.95	22673	25846	48519	41.00	40.18	0.96	20.85	1.01	17.9	7.71	46.0	29.22	29.51	1.01	14.62	1.97	3.95	Y
21-Jul	6:00	1.05	13.3	7.72	13.34	20996	16862	37858	45.29	47.56	1.19	20.02	1.03	17.8	7.77	46.0	29.22	30.09	1.00	15.08	2.19	4.37	Y
22-Jul	19:00	1.12	13.0	7.73	14.63	21338	16862	38200	49.02	54.90	1.33	20.66	0.98	18.4	7.67	46.0	29.22	28.63	1.03	13.88	2.36	4.72	Y
23-Jul	13:00	1.09	11.9	7.59	13.86	21338	16667	38005	46.54	50.73	1.20	21.14	1.08	15.0	7.64	46.0	29.22	31.55	0.91	17.42	2.11	4.21	Y
24-Jul	11:00	1.10	12.8	7.65	14.59	19824	16667	36491	52.02	57.22	1.41	20.28	1.05	18.3	7.67	45.0	29.87	31.36	1.11	14.09	2.52	5.05	Y
25-Jul	16:00	1.06	13.5	7.64	14.80	19200	16300	35500	54.38	57.65	1.50	19.21	1.00	18.6	7.64	45.0	29.87	29.87	1.10	13.58	2.60	5.20	Y
26-Jul	22:00	1.10	14.7	7.82	14.60	19499	25651	45150	48.48	53.33	1.40	19.04	0.98	18.8	7.88	46.0	29.22	28.63	0.98	14.61	2.38	4.76	Y
27-Jul	20:00	1.08	14.4	7.67	14.26	13835	25814	39649	62.18	67.15	1.83	18.33	1.04	19.0	7.66	46.0	29.22	30.39	1.14	13.38	2.97	5.93	Y
28-Jul	7:00	1.17	12.9	7.66	14.34	14323	25684	40007	60.88	71.23	1.75	20.39	1.11	17.9	7.70	46.0	29.22	32.43	1.10	14.74	2.85	5.69	Y
29-Jul	13:00	0.90	13.1	7.61	13.50	18506	25651	44157	46.73	42.06	1.10	19.15	1.03	17.4	7.74	46.0	29.22	30.09	0.98	15.32	2.08	4.16	Y
30-Jul	5:00	1.03	14.0	7.62	13.41	16504	25521	42025	50.91	52.44	1.43	18.38	1.03	19.3	7.75	46.0	29.22	30.09	1.11	13.54	2.54	5.08	Y
31-Jul	14:00	0.96	13.8	7.70	13.57	16504	25521	42025	51.52	49.46	1.30	19.03	0.95	19.6	7.75	46.0	29.22	27.76	1.06	13.15	2.35	4.71	Y