

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: **Washington**

Conventional

Mo/Yr: **Jun-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-Jun	0.02	0.02	0.03	0.03	0.03	0.03	0.03
2-Jun	0.03	0.03	0.03	0.03	0.02	0.02	0.03
3-Jun	0.02	0.02	0.03	0.02	0.02	0.02	0.03
4-Jun	0.03	0.02	0.02	0.02	0.02	0.02	0.03
5-Jun	0.03	0.02	0.03	0.03	0.03	0.02	0.03
6-Jun	0.02	0.03	0.03	0.03	0.03	0.03	0.04
7-Jun	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8-Jun	0.03	0.03	0.03	0.03	0.03	0.03	0.03
9-Jun	0.03	0.03	0.03	0.03	0.03	0.03	0.03
10-Jun	0.03	0.02	0.02	0.02	0.02	0.02	0.03
11-Jun	0.02	0.02	0.02	0.02	0.02	0.02	0.02
12-Jun	0.02	0.02	0.03	0.02	0.02	0.02	0.03
13-Jun	0.03	0.03	0.03	0.02	0.02	0.03	0.03
14-Jun	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15-Jun	0.02	0.02	OFF	OFF	0.02	0.03	0.03
16-Jun	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17-Jun	0.02	0.02	0.02	0.02	0.02	0.02	0.02
18-Jun	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19-Jun	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20-Jun	0.02	0.02	0.02	0.02	0.02	0.02	0.02
21-Jun	0.02	0.02	0.02	0.02	0.02	0.02	0.02
22-Jun	0.02	0.02	0.02	0.02	0.02	0.02	0.03
23-Jun	0.02	0.02	0.02	0.02	0.03	0.02	0.03
24-Jun	0.02	0.03	0.02	0.02	0.02	0.02	0.03
25-Jun	0.02	0.03	0.02	0.02	0.03	0.03	0.03
26-Jun	0.02	0.02	0.03	0.03	0.02	0.02	0.03
27-Jun	0.02	0.02	0.02	0.03	0.02	0.02	0.03
28-Jun	0.02	0.02	0.02	0.02	0.02	0.03	0.03
29-Jun	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30-Jun	0.02	0.02	0.02	0.03	0.02	0.02	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		DATE: 7/1/2021
	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 = Indivd. 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	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"		(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-Jun	21:00	1.31	13.8	7.67	14.36	17171	17318	34489	57.09	74.78	1.91	19.58	1.09	19.9	7.58	46.0	29.22	31.85	1.30	12.30	3.20	6.41	Y
2-Jun	13:00	1.19	13.1	7.80	13.60	19336	17318	36654	49.12	58.46	1.38	21.23	1.07	18.7	7.62	46.0	29.22	31.26	1.16	13.49	2.54	5.07	Y
3-Jun	6:00	1.20	13.5	7.73	13.52	16488	17155	33643	55.63	66.76	1.65	20.17	1.15	19.8	7.63	46.0	29.22	33.60	1.32	12.70	2.98	5.96	Y
4-Jun	11:00	1.19	12.5	7.68	13.65	16829	17318	34147	55.15	65.63	1.55	21.14	1.16	18.0	7.66	46.0	29.22	33.89	1.17	14.50	2.72	5.44	Y
5-Jun	6:00	1.18	12.5	7.75	13.62	13167	17350	30517	66.95	79.00	1.82	21.66	1.10	19.5	7.74	46.0	29.22	32.14	1.20	13.42	3.02	6.04	Y
6-Jun	23:00	1.14	10.4	7.77	13.57	13167	17350	30517	66.70	76.04	1.52	25.03	1.15	17.4	7.76	46.0	29.22	33.60	1.07	15.65	2.59	5.19	Y
7-Jun	14:00	1.13	9.8	7.68	13.66	12663	17318	29981	69.30	78.30	1.55	25.20	1.14	15.1	7.63	46.0	29.22	33.31	0.96	17.36	2.51	5.03	Y
8-Jun	23:00	1.32	10.6	7.81	13.34	12679	17350	30029	67.58	89.21	1.74	25.57	1.22	18.4	7.59	47.0	28.60	34.89	1.26	13.85	3.00	6.01	Y
9-Jun	0:00	1.28	10.4	7.75	13.23	11654	17513	29167	71.55	91.58	1.81	25.25	1.20	18.2	7.60	46.0	29.22	35.06	1.25	14.06	3.06	6.12	Y
10-Jun	21:00	1.14	10.1	7.69	13.60	13493	17350	30843	65.56	74.74	1.51	24.82	1.18	17.2	7.65	46.0	29.22	34.48	1.13	15.28	2.63	5.27	Y
11-Jun	0:00	1.12	10.0	7.66	13.56	13835	17187	31022	64.19	71.90	1.46	24.66	1.15	17.1	7.63	46.0	29.22	33.60	1.10	15.21	2.56	5.12	Y
12-Jun	2:00	0.86	9.6	7.67	13.26	7161	17318	24479	106.14	91.28	1.85	24.67	0.88	17.9	7.64	46.0	29.22	25.71	0.92	14.04	2.77	5.53	Y
13-Jun	7:00	1.14	11.1	7.63	13.82	18831	8171	27002	57.90	66.00	1.45	22.73	0.92	16.9	7.63	46.0	29.22	26.88	0.89	15.02	2.35	4.69	Y
14-Jun	10:00	0.86	11.8	7.51	14.23	16016	8171	24187	68.43	58.85	1.46	20.17	0.87	16.6	7.50	46.0	29.22	25.42	0.88	14.52	2.33	4.67	Y
15-Jun	23:00	1.07	13.1	7.55	14.00	12842	18164	31006	69.56	74.42	1.95	19.10	0.91	19.6	7.69	46.0	29.22	26.59	1.04	12.80	2.99	5.97	Y
16-Jun	20:00	0.86	12.5	7.65	13.07	15658	17643	33301	55.75	47.94	1.19	20.14	0.85	18.6	7.59	46.0	29.22	24.83	0.95	13.10	2.14	4.28	Y
17-Jun	1:00	0.87	12.3	7.70	13.60	15999	17513	33512	57.10	49.68	1.19	20.88	0.86	19.1	7.62	46.0	29.22	25.13	0.98	12.83	2.17	4.34	Y
18-Jun	21:00	0.91	13.8	7.83	13.24	15999	17350	33349	55.69	50.68	1.28	19.85	0.88	19.3	7.75	46.0	29.22	25.71	0.97	13.31	2.24	4.48	Y
19-Jun	13:00	0.92	12.8	7.72	13.41	16162	17350	33512	55.95	51.47	1.26	20.39	0.80	19.1	7.62	46.0	29.22	23.37	0.92	12.74	2.18	4.36	Y
20-Jun	3:00	0.91	13.1	7.83	13.12	14502	17155	31657	59.84	54.45	1.31	20.79	0.80	19.5	7.67	46.0	29.22	23.37	0.93	12.63	2.23	4.47	Y
21-Jun	21:00	0.82	14.5	7.57	13.26	22005	17155	39160	43.19	35.42	1.04	17.04	0.82	20.3	7.61	46.0	29.22	23.96	1.02	11.73	2.06	4.12	Y
22-Jun	1:00	0.86	13.7	7.81	13.20	21175	16992	38167	44.44	38.22	0.97	19.73	0.80	19.9	7.68	46.0	29.22	23.37	0.95	12.35	1.92	3.83	Y
23-Jun	6:00	1.00	13.5	7.76	12.99	22510	16992	39502	41.61	41.61	1.04	19.94	0.98	18.7	7.70	46.0	29.22	28.63	1.04	13.76	2.08	4.17	Y
24-Jun	19:00	1.03	13.5	7.80	14.28	19824	17025	36849	50.71	52.23	1.29	20.30	0.91	19.9	7.67	46.0	29.22	26.59	1.07	12.46	2.35	4.71	Y
25-Jun	21:00	1.06	13.9	7.63	13.70	22510	16992	39502	43.88	46.51	1.25	18.63	0.92	20.2	7.53	46.0	29.22	26.88	1.16	11.60	2.41	4.81	Y
26-Jun	11:00	1.04	12.4	7.65	14.70	23177	17155	40332	45.89	47.73	1.15	20.78	0.91	19.4	7.58	46.0	29.22	26.59	1.07	12.46	2.22	4.43	Y
27-Jun	5:00	1.13	13.8	7.66	14.54	22835	16829	39664	46.11	52.10	1.36	19.12	0.94	20.1	7.64	46.0	29.22	27.46	1.13	12.19	2.49	4.98	Y
28-Jun	23:00	1.01	14.5	7.90	14.31	18831	25814	44645	48.79	49.28	1.25	19.67	0.97	21.1	7.72	46.0	29.22	28.34	1.20	11.79	2.45	4.91	Y
29-Jun	13:00	1.06	13.1	7.71	14.17	19336	25814	45150	47.31	50.14	1.24	20.24	0.96	18.2	7.65	46.0	29.22	28.05	1.01	13.93	2.25	4.49	Y
30-Jun	13:00	1.12	12.3	7.63	13.86	19840	25814	45654	45.33	50.77	1.21	20.96	1.04	16.9	7.59	46.0	29.22	30.39	1.01	15.00	2.22	4.45	Y