

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: **Washington**

Conventional

Mo/Yr: **Apr-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-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
5-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
6-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
9-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
10-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
12-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
13-Apr	0.03	0.03	OFF	OFF	0.03	0.02	0.03
14-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02
18-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02
21-Apr	0.02	0.02	0.02	0.02	0.03	0.02	0.03
22-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23-Apr	0.02	0.02	0.02	0.02	0.03	0.03	0.04
24-Apr	0.03	0.03	0.03	0.03	0.02	0.02	0.03
25-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.03
26-Apr	0.03	0.03	OFF	OFF	0.02	0.03	0.03
27-Apr	0.02	0.02	OFF	OFF	0.02	0.02	0.02
28-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.03
30-Apr	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: 5/3/2021
	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 = Indiv. 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)	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? Y/N
		(mg/L) ""C""		(mg/L) ""C""		(mg/L) ""C""	(mg/L) ""C""						(mg/L) ""C""	(mg/L) ""C""	(mg/L) ""C""	(mg/L) ""C""	(mg/L) ""C""	(mg/L) ""C""					
1-Apr	0:00	1.32	7.3	7.64	14.39	11670	8171	19841	90.10	118.94	1.98	30.05	1.10	13.9	7.57	45.0	29.87	32.85	0.90	18.31	2.88	5.75	Y
2-Apr	21:00	1.31	9.2	7.72	13.95	9342	8171	17513	104.76	137.24	2.53	27.17	0.95	13.3	7.69	45.0	29.87	28.37	0.72	19.58	3.25	6.50	Y
3-Apr	11:00	1.28	8.9	7.60	13.89	12337	8171	20508	83.08	106.34	2.01	26.46	0.93	13.7	7.59	45.0	29.87	27.78	0.76	18.33	2.77	5.53	Y
4-Apr	11:00	1.29	9.7	7.63	13.92	10156	8138	18294	97.74	126.09	2.48	25.38	1.24	14.0	7.58	45.0	29.87	37.03	1.00	18.55	3.48	6.96	Y
5-Apr	20:00	1.26	8.5	7.75	13.90	11344	8333	19677	88.78	111.86	1.95	28.62	1.16	13.6	7.68	45.0	29.87	34.65	0.88	19.58	2.84	5.68	Y
6-Apr	9:00	1.33	8.2	7.72	14.10	12158	8333	20491	85.06	113.13	1.94	29.13	1.21	11.7	7.65	46.0	29.22	35.35	0.80	22.18	2.74	5.48	Y
7-Apr	8:00	1.18	8.9	7.68	13.77	12174	8333	20507	82.98	97.92	1.82	26.92	1.18	13.1	7.56	45.0	29.87	35.24	0.91	19.41	2.73	5.45	Y
8-Apr	8:00	1.34	8.3	7.65	13.92	9668	8333	18001	101.29	135.73	2.40	28.25	1.26	12.9	7.65	45.0	29.87	37.63	0.92	20.52	3.32	6.64	Y
9-Apr	5:00	1.19	7.9	7.67	13.78	9831	8333	18164	98.92	117.71	2.05	28.73	1.11	13.1	7.67	45.0	29.87	33.15	0.83	20.05	2.88	5.75	Y
10-Apr	5:00	1.20	8.5	7.78	13.64	7503	8333	15836	121.76	146.12	2.54	28.74	1.17	13.6	7.74	45.0	29.87	34.94	0.87	20.04	3.41	6.83	Y
11-Apr	20:00	1.18	8.5	7.66	13.74	14681	8333	23014	70.87	83.63	1.52	27.46	1.12	13.5	7.68	46.0	29.22	32.72	0.83	19.62	2.36	4.71	Y
12-Apr	2:00	1.08	8.1	7.66	13.71	14486	8333	22819	71.51	77.23	1.38	27.88	1.80	13.1	7.69	45.0	29.87	53.76	1.23	21.84	2.62	5.23	Y
13-Apr	2:00	1.11	9.3	7.66	13.39	13509	13672	27181	67.61	75.05	1.45	25.81	1.08	13.8	7.69	46.0	29.22	31.55	0.82	19.22	2.27	4.55	Y
14-Apr	0:00	1.10	9.2	7.55	13.77	9342	17676	27018	88.67	97.54	1.95	24.96	1.09	14.2	7.59	46.0	29.22	31.85	0.88	18.06	2.84	5.67	Y
15-Apr	18:00	1.19	10.2	7.71	14.40	7015	17676	24691	116.74	138.93	2.78	24.97	1.25	14.7	7.70	46.0	29.22	36.52	0.99	18.53	3.77	7.54	Y
16-Apr	21:00	1.21	12.0	7.78	13.93	8496	17513	26009	96.96	117.33	2.58	22.76	1.21	15.8	7.73	46.0	29.22	35.35	1.02	17.33	3.60	7.19	Y
17-Apr	19:00	1.01	12.2	7.54	14.68	6657	17480	24137	124.44	125.68	3.11	20.19	1.16	16.0	7.54	46.0	29.22	33.89	1.07	15.85	4.18	8.36	Y
18-Apr	6:00	1.22	11.9	7.57	14.31	6510	17513	24023	123.48	150.64	3.54	21.30	1.23	14.9	7.59	47.0	28.60	35.17	1.00	17.51	4.54	9.08	Y
19-Apr	13:00	1.12	12.1	7.68	14.78	6794	17676	24470	122.97	137.73	3.19	21.61	1.26	18.5	7.61	46.0	29.22	36.81	1.32	13.93	4.51	9.02	Y
20-Apr	11:00	1.16	12.0	7.84	14.17	9489	17676	27165	90.12	104.53	2.26	23.12	1.25	16.7	7.80	47.0	28.60	35.74	1.06	16.83	3.32	6.65	Y
21-Apr	14:00	1.10	12.3	7.56	13.80	8675	18815	27490	93.14	102.45	2.51	20.40	1.22	16.7	7.55	46.0	29.22	35.65	1.17	15.29	3.68	7.35	Y
22-Apr	0:00	1.06	13.4	7.72	12.56	11003	13314	24317	75.16	79.67	2.00	19.91	1.15	13.4	7.72	46.0	29.22	33.60	0.84	20.12	2.84	5.67	Y
23-Apr	7:00	1.02	12.0	7.75	13.50	15999	8496	24495	64.58	65.87	1.49	22.04	1.16	17.1	7.75	46.0	29.22	33.89	1.06	15.92	2.56	5.12	Y
24-Apr	4:00	1.01	11.5	7.59	13.34	15511	8333	23844	65.70	66.36	1.54	21.51	1.22	17.2	7.55	46.0	29.22	35.65	1.21	14.79	2.75	5.50	Y
25-Apr	22:00	0.92	10.3	7.73	12.91	13330	17480	30810	62.75	57.73	1.19	24.22	1.14	15.9	7.79	46.0	29.22	33.31	0.95	17.46	2.15	4.29	Y
26-Apr	20:00	0.88	10.1	7.83	13.46	14827	17806	32633	59.86	52.68	1.04	25.32	1.16	15.8	7.75	46.0	29.22	33.89	0.98	17.36	2.02	4.03	Y
27-Apr	1:00	1.07	10.0	7.69	12.92	16178	17676	33854	53.66	57.42	1.16	24.78	1.21	16.1	7.71	46.0	29.22	35.35	1.05	16.86	2.21	4.41	Y
28-Apr	0:00	1.01	10.4	7.68	13.76	14500	17300	31800	62.66	63.29	1.33	23.88	1.33	16.6	7.68	46.0	29.22	38.86	1.19	16.35	2.51	5.03	Y
29-Apr	18:00	1.05	12.5	7.65	14.30	15800	8600	24400	69.00	72.45	1.76	20.57	1.21	16.6	7.64	46.0	29.22	35.35	1.11	15.89	2.87	5.75	Y
30-Apr	14:00	1.03	12.5	7.67	14.17	23100	8600	31700	49.42	50.90	1.23	20.68	1.25	16.9	7.72	46.0	29.22	36.52	1.13	16.12	2.36	4.73	Y