

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Washington

Conventional

Mo/Yr: Mar-21

System Name: Joint Water Commission ID#: OR4100379

WTP: WTP-A

DATE	Combined Filter Effluent						HIGHEST READING <sup>1</sup> (NTU)
	0:00 (NTU)	4:00 (NTU)	8:00 (NTU)	12:00 (NTU)	16:00 (NTU)	20:00 (NTU)	
1-Mar	0.02	0.02	0.02	0.03	0.07	0.03	0.07
2-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
5-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
6-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
9-Mar	0.03	0.03	0.03	0.02	0.03	0.03	0.03
10-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
12-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
13-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
14-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18-Mar	0.02	0.03	0.03	0.03	0.03	0.03	0.03
19-Mar	0.03	0.03	0.02	0.03	0.03	0.03	0.03
20-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
24-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
26-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
27-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
31-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03

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

<b>Notes: OFF= WTP Offline for expansion or maintenance work.</b>	PRINTED NAME: Zac Bertz	DATE: 4/1/2021
	SIGNATURE: <i>Zac Bertz</i>	
	PHONE #: 503-615-6671	CERT#: T08022

<sup>1</sup> Highest 2 hour reading, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. <sup>2</sup> 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	FWPS 2 Flow	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	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) 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"		(gpm)		(gpm)	(gpm)						(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)	(gpm)			
1-Mar	10:00	1.02	7.5	7.61	12.92	19173	0	19173	64.03	65.31	1.15	28.32	1.11	11.5	7.60	45.0	29.87	33.15	0.76	21.83	1.91	3.82	Y
2-Mar	10:00	1.05	7.4	7.62	13.43	10173	8496	18669	93.43	98.10	1.71	28.72	0.99	11.5	7.54	45.0	29.87	29.57	0.70	21.09	2.41	4.82	Y
3-Mar	1:00	1.04	7.4	7.74	13.71	9993	8171	18164	97.47	101.37	1.69	29.95	1.08	11.5	7.67	45.0	29.87	32.26	0.72	22.30	2.42	4.83	Y
4-Mar	17:00	1.14	7.1	7.62	14.31	7666	8529	16195	124.98	142.48	2.41	29.61	1.08	10.3	7.58	45.0	29.87	32.26	0.69	23.39	3.10	6.19	Y
5-Mar	20:00	1.31	7.0	7.51	14.38	10661	8659	19320	95.95	125.70	2.15	29.22	1.16	11.4	7.51	45.0	29.87	34.65	0.81	21.41	2.96	5.92	Y
6-Mar	2:00	1.28	7.0	7.61	14.44	10677	8496	19173	96.57	123.61	2.05	30.19	1.15	11.2	7.52	44.0	30.55	35.13	0.81	21.75	2.85	5.71	Y
7-Mar	2:00	1.19	7.0	7.88	14.02	11491	8333	19824	88.60	105.44	1.60	32.95	1.07	11.4	7.81	45.0	29.87	31.96	0.68	23.56	2.28	4.56	Y
8-Mar	19:00	1.27	6.5	7.60	14.29	10498	9342	19840	95.19	120.89	1.94	31.09	1.13	10.9	7.54	45.0	29.87	33.75	0.76	22.29	2.70	5.40	Y
9-Mar	21:00	1.30	6.8	7.69	14.37	11182	8496	19678	92.54	120.30	1.90	31.58	1.16	11.1	7.64	45.0	29.87	34.65	0.76	22.86	2.66	5.32	Y
10-Mar	0:00	1.34	6.8	7.68	14.14	9668	8333	18001	102.89	137.87	2.18	31.61	1.17	11.1	7.65	45.0	29.87	34.94	0.76	22.97	2.94	5.88	Y
11-Mar	23:00	1.24	7.3	7.64	13.55	9163	8496	17659	102.60	127.22	2.14	29.77	1.27	11.6	7.61	45.0	29.87	37.93	0.86	22.16	2.99	5.99	Y
12-Mar	4:00	1.24	7.1	7.71	13.63	9163	8333	17496	103.59	128.45	2.08	30.95	1.21	11.4	7.65	45.0	29.87	36.14	0.80	22.62	2.87	5.75	Y
13-Mar	20:00	1.31	7.4	7.80	13.37	9668	8333	18001	97.29	127.45	2.02	31.59	1.22	12.0	7.65	45.0	29.87	36.44	0.84	21.77	2.85	5.71	Y
14-Mar	22:00	1.14	7.3	7.80	13.40	10498	8333	18831	91.19	103.95	1.67	31.18	1.17	11.9	7.75	45.0	29.87	34.94	0.77	22.57	2.44	4.88	Y
15-Mar	20:00	1.17	6.7	7.73	13.09	12321	8496	20817	77.84	91.08	1.43	31.78	1.18	11.2	7.88	45.0	29.87	35.24	0.71	24.78	2.14	4.29	Y
16-Mar	14:00	1.21	5.9	7.78	13.81	10824	8529	19353	91.27	110.43	1.61	34.34	1.21	10.5	7.71	45.0	29.87	36.14	0.74	24.53	2.34	4.69	Y
17-Mar	0:00	1.24	6.1	7.95	13.05	10661	8333	18994	87.69	108.74	1.50	36.17	1.15	10.2	7.92	45.0	29.87	34.35	0.64	26.79	2.14	4.29	Y
18-Mar	0:00	1.30	6.7	7.45	13.84	6494	8333	14827	138.68	180.28	3.09	29.15	1.24	10.5	7.44	45.0	29.87	37.03	0.83	22.37	3.92	7.84	Y
19-Mar	23:00	1.13	7.4	7.95	13.94	9180	8496	17676	105.39	119.10	1.82	32.66	1.12	11.5	7.90	45.0	29.87	33.45	0.69	24.30	2.51	5.02	Y
20-Mar	9:00	1.32	7.4	7.70	14.17	9342	8496	17838	105.63	139.43	2.29	30.50	1.24	11.5	7.71	45.0	29.87	37.03	0.80	23.03	3.09	6.18	Y
21-Mar	5:00	1.29	7.5	7.70	14.01	9326	8529	17855	104.50	134.81	2.23	30.19	1.24	11.7	7.65	45.0	29.87	37.03	0.83	22.25	3.07	6.13	Y
22-Mar	2:00	1.42	7.0	7.64	14.43	9505	8496	18001	106.07	150.62	2.43	31.03	1.25	11.3	7.67	45.0	29.87	37.33	0.81	23.04	3.24	6.48	Y
23-Mar	3:00	1.36	7.3	7.54	14.51	10010	8496	18506	102.27	139.09	2.39	29.12	1.23	11.4	7.58	45.0	29.87	36.74	0.83	22.12	3.22	6.44	Y
24-Mar	23:00	1.22	7.2	7.59	13.54	10173	8496	18669	94.19	114.91	1.96	29.37	1.18	11.2	7.60	45.0	29.87	35.24	0.79	22.44	2.74	5.48	Y
25-Mar	20:00	1.05	7.5	7.50	13.51	11833	8333	20166	83.34	87.51	1.60	27.32	1.18	12.0	7.56	45.0	29.87	35.24	0.84	21.00	2.44	4.88	Y
26-Mar	8:00	1.08	7.2	7.82	13.58	9342	8333	17675	101.60	109.73	1.75	31.40	1.15	11.1	7.78	45.0	29.87	34.35	0.72	24.00	2.46	4.93	Y
27-Mar	19:00	0.96	8.0	7.86	13.39	9831	8333	18164	96.12	92.28	1.55	29.76	1.02	12.6	7.88	45.0	29.87	30.46	0.69	22.17	2.24	4.48	Y
28-Mar	0:00	1.09	8.2	7.74	13.68	8838	8333	17171	107.05	116.68	2.04	28.54	1.26	12.3	7.77	45.0	29.87	37.63	0.84	22.36	2.89	5.77	Y
29-Mar	23:00	1.10	7.2	7.54	13.52	9489	8171	17660	100.25	110.28	1.94	28.45	1.13	11.8	7.55	45.0	29.87	33.75	0.80	21.08	2.74	5.48	Y
30-Mar	8:00	1.13	6.5	7.80	13.52	9831	8333	18164	97.05	109.67	1.67	32.89	1.04	10.8	7.83	45.0	29.87	31.06	0.63	24.61	2.30	4.60	Y
31-Mar	15:00	1.03	6.9	7.96	14.29	12012	8333	20345	87.07	89.68	1.34	33.53	1.05	11.8	7.88	45.0	29.87	31.36	0.67	23.46	2.01	4.01	Y