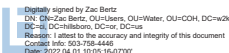


OHA - Drinking Water Program - Turbidity Monitoring Report Form						County: Washington	
Conventional						Mo/Yr: Mar-22	
System Name: Joint Water Commission ID#: OR4100379						WTP-: WTP-A	
DATE	Combined Filter Effluent						HIGHEST READING ¹ (NTU)
	0:00 (NTU)	4:00 (NTU)	8:00 (NTU)	12:00 (NTU)	16:00 (NTU)	20:00 (NTU)	
1-Mar	0.05	0.05	0.04	0.04	0.04	0.04	0.05
2-Mar	0.04	0.04	0.04	0.05	0.07	0.05	0.07
3-Mar	0.05	0.05	0.05	0.05	0.04	0.04	0.05
4-Mar	0.04	0.07	0.04	0.04	0.04	0.04	0.07
5-Mar	0.04	0.03	0.03	0.03	0.03	0.04	0.04
6-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
7-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
8-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
9-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
10-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
11-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
12-Mar	0.04	0.03	0.03	0.03	0.04	0.04	0.04
13-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
14-Mar	0.04	0.04	Plant off	Plant off	0.04	0.04	0.04
15-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
16-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
17-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
18-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
19-Mar	0.03	0.04	0.03	0.04	0.04	0.04	0.04
20-Mar	0.04	0.04	0.03	0.04	0.04	0.04	0.04
21-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
22-Mar	0.04	0.04	0.03	0.03	0.04	0.04	0.04
23-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
24-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
25-Mar	0.04	0.03	0.04	0.04	0.04	0.03	0.04
26-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
27-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
28-Mar	0.04	0.04	0.04	0.04	0.04	0.04	0.04
29-Mar	0.04	0.04	0.04	Plant off	0.04	0.04	0.04
30-Mar	0.04	0.04	0.04	Plant off	0.05	0.04	0.05
31-Mar	0.04	0.04	0.04	0.04	0.03	0.04	0.04

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

Notes: OFF= WTP Offline for expansion or maintenance work.	PRINTED NAME: Zac Bertz	 Digitally signed by Zac Bertz DN: cn=Zac Bertz, ou=Water, ou=COH, DC=w2k, c=US, DC=Washington, DC=us Reason: I attest to the accuracy and integrity of this document Certificate: 953.758-4446 Date: 2022.04.01 10:05:16-07'00'	DATE:
	SIGNATURE: Zac Bertz		4/1/2021
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 = Indivd. 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-Mar	0:00	0.98	8.8	7.72	12.55	12988	8659	21647	71.22	69.79	1.30	26.87	1.15	17.1	7.65	42.0	32.00	36.80	1.20	15.33	2.50	5.00	Y
2-Mar	21:00	1.14	10.4	7.55	13.35	13346	8854	22200	73.79	84.12	1.82	23.15	1.18	18.1	7.96	42.0	32.00	37.76	1.17	16.14	2.99	5.97	Y
3-Mar	11:00	1.29	10.3	7.52	13.55	13151	8659	21810	76.10	98.17	2.09	23.45	1.21	14.7	7.57	42.0	32.00	38.72	1.10	17.58	3.19	6.39	Y
4-Mar	23:00	1.20	9.2	7.67	13.49	11816	8822	20638	82.47	98.97	1.88	26.35	1.14	14.2	7.65	42.0	32.00	36.48	0.98	18.57	2.86	5.72	Y
5-Mar	5:00	1.25	8.9	7.72	13.34	11654	8854	20508	82.43	103.04	1.87	27.53	1.11	17.9	7.66	42.0	32.00	35.52	1.22	14.52	3.09	6.19	Y
6-Mar	20:00	1.16	8.8	7.72	13.17	12663	8854	21517	76.02	88.18	1.61	27.43	1.08	18.3	7.60	42.0	32.00	34.56	1.25	13.77	2.86	5.72	Y
7-Mar	22:00	1.24	8.4	7.72	13.22	15137	8822	23959	65.85	81.65	1.44	28.44	1.10	18.0	7.69	43.0	31.26	34.38	1.18	14.56	2.62	5.23	Y
8-Mar	19:00	1.23	8.6	7.77	13.66	15658	8822	24480	66.14	81.35	1.43	28.54	1.07	17.1	7.78	42.0	32.00	34.24	1.07	15.94	2.50	5.00	Y
9-Mar	16:00	1.23	7.7	7.81	13.25	10319	8822	19141	90.47	111.28	1.81	30.77	1.05	17.3	7.67	42.0	32.00	33.60	1.12	15.06	2.92	5.85	Y
10-Mar	20:00	1.11	8.3	7.59	12.96	17513	8659	26172	57.27	63.57	1.18	26.92	1.21	18.1	7.62	42.0	32.00	38.72	1.36	14.27	2.54	5.07	Y
11-Mar	5:00	1.10	8.0	7.62	13.41	16667	8854	35516	53.70	59.07	1.06	27.74	1.26	16.9	7.68	42.0	32.00	40.32	1.27	15.90	2.33	4.66	Y
12-Mar	22:00	1.00	8.4	7.62	13.53	15983	8691	24674	64.55	64.55	1.21	26.69	1.28	11.9	7.63	42.0	32.00	40.96	0.93	21.90	2.14	4.29	Y
13-Mar	0:00	1.02	8.4	7.65	13.36	15658	8822	24480	64.69	65.98	1.22	27.04	1.28	13.1	7.70	42.0	32.00	40.96	0.99	20.67	2.21	4.42	Y
14-Mar	0:50	1.10	8.0	7.62	13.41	16667	8854	25521	61.58	67.73	1.22	27.74	1.26	16.9	7.68	42.0	32.00	40.32	1.27	15.90	2.49	4.98	Y
15-Mar	16:00	1.03	9.3	7.74	13.75	12174	8854	21028	81.98	84.44	1.60	26.32	1.23	12.9	7.89	42.0	32.00	39.36	0.88	22.34	2.49	4.97	Y
16-Mar	1:00	1.04	9.7	7.68	13.66	12663	8854	21517	78.85	82.00	1.63	25.11	1.22	13.3	7.66	42.0	32.00	39.04	0.98	19.96	2.61	5.22	Y
17-Mar	23:00	1.13	9.2	7.64	13.38	16829	8854	25683	60.94	68.56	1.33	25.85	1.21	13.6	7.56	42.0	32.00	38.72	1.03	18.84	2.35	4.71	Y
18-Mar	0:00	1.26	9.2	7.63	13.28	16504	8822	25326	61.52	77.52	1.48	26.16	1.20	13.9	7.60	42.0	32.00	38.40	1.03	18.72	2.51	5.01	Y
19-Mar	22:00	1.26	10.4	7.73	13.33	13314	9017	22331	73.59	92.72	1.85	25.01	1.13	13.7	7.66	42.0	32.00	36.16	0.94	19.24	2.79	5.59	Y
20-Mar	8:00	1.26	10.4	7.64	13.03	13346	9017	22363	71.79	90.46	1.87	24.23	1.13	14.8	7.68	42.0	32.00	36.16	1.00	18.02	2.87	5.74	Y
21-Mar	5:00	1.39	9.0	7.61	13.28	10514	8854	19368	89.25	124.05	2.32	26.72	1.22	14.1	7.61	43.0	31.26	38.13	1.03	18.59	3.35	6.69	Y
22-Mar	21:00	1.16	10.2	7.56	13.89	8659	8822	17481	109.28	126.77	2.69	23.59	1.08	15.1	7.53	43.0	31.26	33.76	1.02	16.62	3.70	7.40	Y
23-Mar	21:00	1.17	11.1	7.69	13.06	9993	8854	18847	91.46	107.01	2.30	23.30	1.15	15.5	7.63	43.0	31.26	35.94	1.06	16.92	3.36	6.72	Y
24-Mar	1:00	1.21	10.9	7.70	13.13	9505	8822	18327	95.82	115.95	2.44	23.80	1.19	15.5	7.60	43.0	31.26	37.19	1.11	16.81	3.54	7.08	Y
25-Mar	7:00	1.16	10.1	7.64	13.52	8333	8822	17155	109.70	127.26	2.60	24.43	1.20	14.5	7.62	43.0	31.26	37.51	1.03	18.12	3.64	7.28	Y
26-Mar	22:00	1.06	11.3	7.78	13.38	11328	8822	20150	84.67	89.75	1.91	23.44	1.21	16.3	7.57	43.0	31.26	37.82	1.20	15.80	3.11	6.22	Y
27-Mar	21:00	0.92	12.0	7.68	13.67	14323	8659	22982	71.52	65.80	1.55	21.27	1.16	16.5	7.61	43.0	31.26	36.26	1.15	15.73	2.70	5.40	Y
28-Mar	1:00	0.99	12.0	7.72	13.54	13509	8659	22168	74.37	73.63	1.69	21.74	1.24	16.0	7.60	43.0	31.26	38.76	1.18	16.36	2.88	5.76	Y
29-Mar	17:00	1.03	11.6	7.67	13.22	15169	8854	24023	65.69	67.66	1.54	22.03	1.07	14.8	7.79	43.0	31.26	33.44	0.90	18.64	2.43	4.87	Y
30-Mar	7:00	1.07	10.9	7.74	11.92	16504	8659	25163	55.38	59.26	1.25	23.76	1.19	14.5	7.78	45.0	29.87	35.54	0.93	19.20	2.17	4.34	Y
31-Mar	10:00	1.38	10.6	7.58	13.93	16016	8659	24675	66.38	91.60	1.93	23.72	1.29	15.3	7.39	44.0	30.55	39.40	1.24	15.95	3.17	6.33	Y