

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Washington

Conventional

Mo/Yr: Feb-21

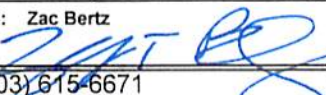
System Name: Joint Water Commission ID#: OR4100379

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-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2-Feb	0.04	0.03	0.03	0.03	0.03	0.03	0.04
3-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4-Feb	0.02	0.03	0.03	0.03	0.03	0.03	0.03
5-Feb	0.03	0.02	0.04	0.04	0.03	0.03	0.04
6-Feb	0.03	0.03	0.02	0.02	0.02	0.02	0.03
7-Feb	0.02	0.03	0.03	0.03	0.03	0.03	0.03
8-Feb	0.02	0.02	0.02	0.02	0.04	0.03	0.04
9-Feb	0.03	0.03	0.02	0.02	0.02	0.02	0.03
10-Feb	0.02	0.02	0.02	0.03	0.02	0.03	0.03
11-Feb	0.03	0.02	0.02	0.02	0.02	0.02	0.03
12-Feb	0.04	0.03	0.03	0.03	0.03	0.02	0.04
13-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
14-Feb	0.02	0.03	0.03	0.03	0.03	0.03	0.03
15-Feb	0.03	0.04	0.03	0.03	0.03	0.02	0.04
16-Feb	0.02	0.02	0.02	0.03	0.02	0.02	0.03
17-Feb	0.02	0.02	0.02	0.03	0.03	0.03	0.03
18-Feb	0.02	0.03	0.04	0.03	0.03	0.03	0.04
19-Feb	0.03	0.03	0.03	0.03	0.03	0.02	0.03
20-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.03
21-Feb	0.02	0.02	0.03	0.02	0.03	0.03	0.04
22-Feb	0.03	0.03	OFF	OFF	0.03	0.03	0.03
23-Feb	0.03	0.03	0.03	0.03	0.02	0.03	0.03
24-Feb	0.03	0.02	0.02	0.02	0.02	0.02	0.03
25-Feb	0.02	0.04	0.03	0.02	0.04	0.02	0.04
26-Feb	0.02	0.02	0.02	0.03	0.03	0.02	0.03
27-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28-Feb	0.02	0.02	0.03	0.02	0.02	0.02	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 Cl <sub>2</sub> 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>		

**Notes: OFF= WTP Offline for expansion or maintenance work.**

PRINTED NAME: Zac Bertz  
 SIGNATURE:   
 PHONE #: (503) 615-6671  
 DATE: 3/1/2021  
 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 = 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) Cl2 Residual (mg/l) *C°	Celsius	FWPS 1 (CT) pH	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)/Ct <sub>r</sub>	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)/Ct <sub>r</sub>	Ops Bldg Required CT (mg*min/L) (equation)	Total Log Inactivation Provided	Total Inactivation Ratio ΣCt <sub>a</sub> /Ct <sub>r</sub>	Required CT Achieved? Y/N
1-Feb	0:00	1.04	6.7	7.84	13.44	17334	0	17334	73.67	76.62	1.18	32.57	1.17	11.4	7.60	45.0	29.87	34.94	0.79	22.13	1.97	3.93	Y
2-Feb	23:00	0.96	7.2	7.77	13.82	20166	0	20166	65.12	62.51	1.03	30.41	1.21	11.5	7.68	45.0	29.87	36.14	0.80	22.71	1.82	3.65	Y
3-Feb	0:00	0.97	7.3	7.77	13.36	20166	0	20166	62.95	61.06	1.01	30.24	1.26	11.5	7.70	45.0	29.87	37.63	0.82	23.00	1.83	3.66	Y
4-Feb	6:00	1.24	6.7	7.58	14.30	20003	0	20003	67.93	84.23	1.39	30.34	1.24	11.2	7.54	45.0	29.87	37.03	0.84	22.13	2.22	4.45	Y
5-Feb	1:00	1.22	6.6	7.76	14.58	17334	0	17334	79.92	97.50	1.50	32.53	1.15	11.0	7.65	45.0	29.87	34.35	0.74	23.07	2.24	4.49	Y
6-Feb	8:00	1.25	7.1	7.78	14.30	14844	0	14844	91.53	114.42	1.80	31.78	1.22	11.5	7.73	45.0	29.87	36.44	0.79	23.14	2.59	5.17	Y
7-Feb	20:00	1.15	7.0	7.49	14.49	19840	0	19840	69.39	79.80	1.40	28.48	1.14	11.0	7.50	45.0	29.87	34.05	0.78	21.86	2.18	4.36	Y
8-Feb	0:00	1.23	7.1	7.59	14.49	19661	0	19661	70.03	86.13	1.45	29.60	1.20	11.4	7.52	45.0	29.87	35.84	0.83	21.59	2.29	4.57	Y
9-Feb	23:00	1.18	5.9	7.72	14.84	19661	0	19661	71.72	84.63	1.26	33.48	1.11	10.6	7.67	45.0	29.87	33.15	0.70	23.75	1.96	3.92	Y
10-Feb	20:00	1.11	5.9	7.58	12.47	23161	0	23161	51.16	56.78	0.90	31.56	0.97	9.4	7.58	46.0	29.22	28.34	0.58	24.52	1.48	2.96	Y
11-Feb	20:00	0.94	5.9	7.71	13.27	20833	0	20833	60.52	56.89	0.88	32.43	1.12	10.4	7.68	45.0	29.87	33.45	0.69	24.18	1.57	3.14	Y
12-Feb	0:00	0.91	5.8	7.80	13.34	18994	0	18994	66.73	60.73	0.90	33.62	1.28	10.3	7.75	45.0	29.87	38.23	0.75	25.42	1.65	3.31	Y
13-Feb	3:00	1.12	3.2	7.80	13.97	17659	0	17659	75.17	84.19	1.02	41.22	1.27	8.6	7.74	44.0	30.55	38.79	0.68	28.36	1.71	3.41	Y
14-Feb	15:00	0.94	2.8	8.39	13.62	19678	0	19678	65.76	61.82	0.60	51.64	0.99	7.2	8.29	45.0	29.87	29.57	0.40	36.88	1.00	2.00	Y
15-Feb	20:00	1.04	4.4	7.70	13.45	20166	0	20166	63.37	65.91	0.91	36.23	1.14	9.3	7.67	44.0	30.55	34.82	0.67	25.99	1.58	3.16	Y
16-Feb	12:00	0.94	4.7	7.87	14.07	21501	0	21501	62.18	58.45	0.78	37.33	1.14	9.8	7.70	45.0	29.87	34.05	0.67	25.41	1.45	2.91	Y
17-Feb	0:00	1.07	4.9	7.67	13.47	18327	0	18327	69.83	74.72	1.08	34.75	1.22	10.1	7.63	45.0	29.87	36.44	0.74	24.51	1.82	3.64	Y
18-Feb	0:00	1.21	5.4	7.64	14.52	17334	0	17334	79.59	96.30	1.43	33.77	1.32	10.0	7.61	45.0	29.87	39.42	0.80	24.79	2.22	4.44	Y
19-Feb	7:00	1.29	5.4	7.66	14.43	17334	0	17334	79.10	102.04	1.49	34.33	1.26	9.8	7.61	45.0	29.87	37.63	0.75	24.95	2.24	4.48	Y
20-Feb	0:00	1.23	5.9	7.75	14.38	17334	0	17334	78.82	96.95	1.42	34.04	1.21	10.3	7.67	45.0	29.87	36.14	0.74	24.51	2.16	4.32	Y
21-Feb	0:00	1.18	6.4	7.89	14.30	17008	0	17008	79.89	94.27	1.37	34.42	1.17	10.6	7.81	45.0	29.87	34.94	0.70	25.13	2.06	4.13	Y
22-Feb	22:00	1.20	7.3	7.78	13.97	24007	0	24007	55.29	66.35	1.06	31.17	1.25	11.5	7.75	45.0	29.87	37.33	0.80	23.38	1.86	3.72	Y
23-Feb	14:00	1.24	6.9	7.66	14.35	24333	0	24333	56.03	69.48	1.13	30.81	1.26	10.5	7.59	45.0	29.87	37.63	0.80	23.64	1.92	3.85	Y
24-Feb	21:00	1.15	6.4	7.56	12.78	20345	0	20345	59.69	68.64	1.13	30.42	1.25	10.2	7.52	45.0	29.87	37.33	0.79	23.50	1.92	3.84	Y
25-Feb	1:00	1.19	6.4	7.79	13.55	19499	0	19499	66.03	78.57	1.18	33.23	1.20	10.6	7.77	45.0	29.87	35.84	0.72	24.86	1.90	3.81	Y
26-Feb	12:00	1.05	6.7	7.85	13.34	21826	0	21826	58.07	60.98	0.93	32.73	1.21	11.2	7.74	45.0	29.87	36.14	0.76	23.66	1.70	3.39	Y
27-Feb	1:00	1.20	6.8	7.69	13.68	22510	0	22510	57.74	69.29	1.11	31.22	1.30	11.1	7.64	45.0	29.87	38.83	0.84	23.23	1.95	3.89	Y
28-Feb	6:00	1.10	6.8	7.72	13.85	18506	0	18506	71.11	78.22	1.25	31.19	1.16	9.7	7.70	45.0	29.87	34.65	0.68	25.64	1.93	3.86	Y