

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Washington

Conventional

Mo/Yr: Feb-22

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	0.04	0.04	0.03	0.04
2-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3-Feb	0.03	0.03	0.03	0.03	0.04	0.03	0.04
4-Feb	0.03	0.04	0.04	0.04	0.04	0.04	0.04
5-Feb	0.04	0.03	0.03	0.03	0.03	0.04	0.04
6-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.04
8-Feb	0.04	0.04	Plant off	Plant off	0.04	0.04	0.04
9-Feb	0.03	0.03	Plant off	Plant off	Plant off	0.03	0.04
10-Feb	0.03	0.03	0.03	0.06	0.03	0.03	0.06
11-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
12-Feb	0.03	0.03	0.03	0.04	0.03	0.03	0.04
13-Feb	0.03	0.05	0.03	0.03	0.03	0.03	0.05
14-Feb	0.03	0.03	0.03	0.03	0.04	0.03	0.04
15-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16-Feb	0.03	0.03	0.04	0.03	0.03	0.03	0.04
17-Feb	0.04	0.03	0.03	0.03	0.03	0.03	0.04
18-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.04
19-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.04
21-Feb	0.03	0.04	0.03	0.03	0.04	0.03	0.04
22-Feb	0.03	0.03	0.04	0.04	0.03	0.03	0.04
23-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.04
24-Feb	0.03	0.03	0.03	0.03	0.04	0.04	0.04
25-Feb	0.05	0.03	0.03	0.03	0.03	0.03	0.05
26-Feb	0.03	0.03	0.04	0.03	0.03	0.03	0.04
27-Feb	0.03	0.03	0.04	0.03	0.03	0.03	0.04
28-Feb	0.04	0.04	0.04	0.04	0.04	0.05	0.06

<b>Conventional</b>		<b>Monthly Summary (Answer Yes or No)</b>	
95% of daily turbidity readings ≤ 0.3 NTU?	<b>Yes</b>	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 1 NTU?	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
All turbidity readings < IFE <sup>2</sup> triggers	<b>Yes</b>		
<b>Notes:</b>	<b>PRINTED NAME:</b> Zachary T Bertz	<small>Digitally signed by Zachary T Bertz DN: cn=Zachary T Bertz, ou=Water-WTP, cn=Zachary T Bertz Reason: I attest to the accuracy and integrity of this document Contact info: 5037584446 Date: 2022.03.01 09:11:13-0800'</small>	<b>DATE:</b> 3/1/2021
	<b>PHONE #:</b> (503) 758-4446	<b>CERT#:</b> 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)	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?
		1-Feb		14:00		0.91	6.7		7.60	11.08	6510	17969	24479	95.1	87	1.47	29	0.75	14.3	7.72	42.0	32.0	24
2-Feb	12:00	1.05	6.5	7.67	12.48	10677	8984	19661	82.6	87	1.40	31	1.12	14.9	7.75	42.0	32.0	36	0.98	18	2.4	4.7	Y
3-Feb	23:00	1.22	7.6	7.61	13.41	7845	9017	16862	113.7	139	2.41	29	1.23	17.5	7.66	42.0	32.0	39	1.30	15	3.7	7.4	Y
4-Feb	23:00	1.37	7.4	7.66	13.41	13997	8984	22981	71.1	97	1.61	30	1.28	17.2	7.65	42.0	32.0	41	1.33	15	2.9	5.9	Y
5-Feb	0:00	1.36	7.4	7.63	13.39	13835	9017	22852	71.6	97	1.63	30	1.28	17.3	7.68	42.0	32.0	41	1.32	16	2.9	5.9	Y
6-Feb	1:00	1.20	8.0	7.64	13.56	13509	8822	22331	74.2	89	1.58	28	1.36	16.6	7.71	42.0	32.0	44	1.31	17	2.9	5.8	Y
7-Feb	23:00	1.32	7.4	7.58	13.04	12337	8854	21191	76.9	102	1.74	29	1.23	17.6	7.71	42.0	32.0	39	1.29	15	3.0	6.0	Y
8-Feb	20:00	1.25	7.4	7.36	13.38	23177	9310	32487	46.0	58	1.07	27	1.36	16.4	7.57	42.0	32.0	44	1.36	16	2.4	4.9	Y
9-Feb	5:00	1.30	7.4	7.66	12.50	22168	8984	31152	44.9	58	0.97	30	1.32	17.3	7.59	42.0	32.0	42	1.40	15	2.4	4.7	Y
10-Feb	0:00	1.13	8.0	7.61	13.62	20182	9180	29362	52.9	60	1.08	28	1.10	15.5	7.68	43.0	31.3	34	1.00	17	2.1	4.2	Y
11-Feb	17:00	0.96	8.3	7.66	13.59	10677	8984	19661	89.9	86	1.59	27	1.30	17.0	7.62	42.0	32.0	42	1.34	16	2.9	5.9	Y
12-Feb	19:00	1.04	7.9	7.72	13.67	10514	9017	19531	91.6	95	1.66	29	1.13	16.6	7.65	42.0	32.0	36	1.14	16	2.8	5.6	Y
13-Feb	1:00	1.06	7.5	7.63	13.21	10156	8984	19140	91.1	97	1.68	29	1.12	16.7	7.62	42.0	32.0	36	1.16	16	2.8	5.7	Y
14-Feb	20:00	1.00	7.6	7.63	12.97	9668	8854	18522	93.3	93	1.65	28	1.08	17.2	7.70	42.0	32.0	35	1.12	15	2.8	5.5	Y
15-Feb	12:00	0.99	7.7	7.74	13.20	10189	8984	19173	90.7	90	1.54	29	1.17	13.4	7.71	42.0	32.0	37	0.93	20	2.5	4.9	Y
16-Feb	23:00	1.03	8.1	7.80	13.37	11686	9017	20703	82.2	85	1.45	29	1.01	17.4	7.64	43.0	31.3	32	1.07	15	2.5	5.0	Y
17-Feb	8:00	1.29	8.1	7.60	13.26	11816	8984	20800	80.8	104	1.86	28	1.10	15.7	7.61	42.0	32.0	35	1.07	16	2.9	5.9	Y
18-Feb	2:00	1.27	8.7	7.70	13.36	11523	8854	20377	83.3	106	1.91	28	1.07	17.6	7.66	42.0	32.0	34	1.16	15	3.1	6.1	Y
19-Feb	7:00	1.21	8.5	7.70	13.07	10189	8854	19043	90.1	109	1.95	28	1.03	17.6	7.70	42.0	32.0	33	1.11	15	3.1	6.1	Y
20-Feb	16:00	1.23	7.7	7.81	13.25	10319	8822	19141	90.5	111	1.81	31	1.05	17.3	7.67	42.0	32.0	34	1.12	15	2.9	5.8	Y
21-Feb	22:00	1.17	7.5	7.81	13.29	13151	8822	21973	74.4	87	1.41	31	0.99	16.9	7.73	42.0	32.0	32	1.01	16	2.4	4.8	Y
22-Feb	22:00	1.23	6.5	7.80	12.63	14518	8822	23340	65.1	80	1.20	33	1.01	16.5	7.70	42.0	32.0	32	1.01	16	2.2	4.4	Y
23-Feb	17:00	1.29	5.1	7.78	13.06	14323	8854	23177	68.1	88	1.20	37	1.10	11.5	7.77	43.0	31.3	34	0.74	23	1.9	3.9	Y
24-Feb	20:00	1.01	4.4	7.74	13.81	14486	8984	23470	71.1	72	0.98	37	1.17	15.6	7.80	42.0	32.0	37	1.04	18	2.0	4.0	Y
25-Feb	0:00	1.00	4.4	7.68	13.81	14811	8822	23633	70.0	70	0.98	36	1.20	16.0	7.71	42.0	32.0	38	1.13	17	2.1	4.2	Y
26-Feb	18:00	0.90	4.4	7.70	14.14	12500	8822	21322	82.5	74	1.04	36	1.17	16.2	7.65	42.0	32.0	37	1.15	16	2.2	4.4	Y
27-Feb	12:00	1.00	5.0	7.65	13.66	12337	8854	21191	80.6	81	1.19	34	1.25	14.4	7.69	42.0	32.0	40	1.06	19	2.2	4.5	Y
28-Feb	19:00	1.01	8.8	7.56	13.31	19499	8691	28190	53.6	54	1.06	25	1.12	17.0	7.57	42.0	32.0	36	1.20	15	2.3	4.5	Y

Notes: