

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Washington

Conventional

Mo/Yr: Jan-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-Jan	0.03	0.02	0.02	0.02	0.02	0.02	0.03
2-Jan	0.03	0.02	0.02	0.02	0.02	0.02	0.03
3-Jan	0.02	0.02	0.03	0.03	0.04	0.04	0.07
4-Jan	0.06	0.04	0.04	0.04	0.03	0.03	0.06
5-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
6-Jan	0.03	0.02	0.03	0.03	0.03	0.03	0.03
7-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.04
8-Jan	0.03	0.03	0.02	0.02	0.02	0.02	0.03
9-Jan	0.03	0.03	0.02	0.02	0.02	0.03	0.03
10-Jan	0.02	0.02	0.03	0.02	0.03	0.03	0.04
11-Jan	0.03	0.02	0.02	0.03	0.03	0.02	0.03
12-Jan	0.02	0.02	0.02	0.02	0.02	0.03	0.03
13-Jan	0.03	0.04	0.07	0.05	0.04	0.05	0.07
14-Jan	0.04	0.04	0.07	0.14	0.07	0.04	0.14
15-Jan	0.04	0.03	0.04	0.04	0.03	0.03	0.04
16-Jan	0.03	0.03	0.03	0.03	0.05	0.03	0.05
17-Jan	0.03	0.04	0.03	0.04	0.03	0.03	0.04
18-Jan	0.02	0.02	0.03	0.03	0.03	0.02	0.03
19-Jan	0.02	0.02	0.03	0.02	0.02	0.03	0.03
20-Jan	0.03	0.03	0.03	0.02	0.02	0.02	0.03
21-Jan	0.02	0.02	0.03	0.03	0.02	0.02	0.03
22-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.03
23-Jan	0.02	0.03	0.03	0.03	0.03	0.02	0.04
24-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.02
25-Jan	0.02	0.02	0.03	0.02	0.02	0.02	0.03
26-Jan	0.03	0.02	0.03	0.03	0.03	0.02	0.03
27-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.02
28-Jan	0.02	0.02	0.02	0.02	0.03	0.03	0.03
29-Jan	0.03	0.03	0.03	0.03	0.04	0.03	0.04
30-Jan	0.03	0.03	0.03	0.03	0.02	0.02	0.03
31-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.03

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 <sup>2</sup> triggers	Yes		

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

PRINTED NAME: Zac Bertz  
 SIGNATURE:   
 PHONE #: (503) 615-6671  
 DATE: 2/1/2021  
 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 Eff. (333-061-0040(1)(e)(B&C))

0

Date		CT # 1 (Clearwell Segment)										CT # 2 (Ops Building Pipeline Segment)							Combined CT				
DATE	TIME	FWPS 1 (CT) C12 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 Achieved (mg*min/L) C x T	Clearwell Segment Giardia Log Inactivation (CTa*0.5Log/CTR (equation))	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 (equation))	Ops Bldg Required CT (mg*min/L) (equation)	Total Log Inactivation Provided	Total Inactivation Ratio ΣCTa/CTR	Required CT Achieved? Y/N
1-Jan	1:00	1.12	6.4	7.68	13.06	21663	0	21663	57.28	64.16	1.01	31.66	0.90	10.5	7.26	45.0	29.87	26.88	0.66	20.22	1.68	3.36	Y
2-Jan	0:00	1.21	6.9	7.93	13.76	19157	0	19157	68.25	82.58	1.22	33.87	1.37	10.6	7.48	45.0	29.87	40.92	0.89	22.87	2.11	4.23	Y
3-Jan	14:00	1.04	7.2	7.57	14.05	19824	0	19824	67.34	70.03	1.23	28.56	1.34	11.1	7.32	45.0	29.87	40.02	0.96	20.85	2.19	4.37	Y
4-Jan	0:00	1.12	7.2	7.60	12.63	17171	0	17171	69.89	78.27	1.34	29.13	1.32	11.1	7.36	46.0	29.22	38.57	0.91	21.10	2.26	4.51	Y
5-Jan	20:00	1.13	7.2	7.46	13.22	18180	0	18180	69.09	78.07	1.41	27.73	1.38	11.2	7.44	46.0	29.22	40.32	0.93	21.70	2.34	4.67	Y
6-Jan	3:00	1.18	7.1	7.66	13.38	16829	0	16829	75.54	89.14	1.48	30.18	1.29	11.6	7.69	46.0	29.22	37.69	0.82	22.85	2.30	4.60	Y
7-Jan	1:00	1.42	6.9	7.73	14.05	17008	0	17008	78.49	111.46	1.73	32.27	0.68	11.1	7.76	45.0	29.87	20.31	0.45	22.59	2.18	4.35	Y
8-Jan	1:00	1.23	7.0	7.68	14.21	16667	0	16667	81.01	99.64	1.62	30.79	1.20	11.7	7.71	45.0	29.87	35.84	0.79	22.62	2.41	4.82	Y
9-Jan	19:00	1.18	6.4	7.67	14.60	17171	0	17171	80.79	95.33	1.50	31.77	0.70	11.2	7.65	45.0	29.87	20.91	0.48	21.64	1.98	3.97	Y
10-Jan	0:00	1.18	6.1	7.69	14.48	17171	0	17171	80.12	94.55	1.45	32.66	1.02	11.0	7.69	46.0	29.22	29.80	0.65	23.06	2.09	4.19	Y
11-Jan	12:00	1.23	6.6	7.68	14.33	25179	0	25179	54.08	66.51	1.05	31.64	0.96	10.8	7.77	45.0	29.87	28.67	0.60	23.87	1.65	3.30	Y
12-Jan	22:00	1.14	7.9	7.49	14.28	20996	0	20996	64.62	73.67	1.38	26.77	1.12	12.5	7.48	45.0	29.87	33.45	0.86	19.48	2.23	4.47	Y
13-Jan	11:00	1.16	8.3	7.87	14.12	19661	0	19661	68.24	79.16	1.32	29.95	1.18	12.5	7.62	46.0	29.22	34.48	0.83	20.65	2.16	4.31	Y
14-Jan	0:00	1.17	8.3	7.71	13.76	18994	0	18994	68.83	80.53	1.42	28.30	1.25	12.9	7.59	46.0	29.22	36.52	0.91	20.05	2.33	4.67	Y
15-Jan	21:00	1.10	7.6	7.80	13.12	20166	0	20166	61.82	68.00	1.12	30.41	0.93	11.8	7.72	45.0	29.87	27.78	0.63	21.88	1.75	3.51	Y
16-Jan	19:00	0.98	7.9	7.77	14.12	21501	0	21501	62.40	61.15	1.05	29.07	1.10	12.5	7.67	45.0	29.87	32.85	0.79	20.84	1.84	3.68	Y
17-Jan	0:00	1.08	7.9	7.58	13.60	21338	0	21338	60.56	65.40	1.19	27.46	1.11	12.3	7.58	46.0	29.22	32.43	0.79	20.57	1.98	3.96	Y
18-Jan	1:00	1.01	7.8	7.76	13.48	17497	0	17497	73.20	73.93	1.26	29.26	1.19	12.0	7.72	45.0	29.87	35.54	0.80	22.23	2.06	4.13	Y
19-Jan	11:00	1.07	6.9	7.68	13.95	17334	0	17334	76.47	81.82	1.34	30.43	1.13	9.8	7.64	46.0	29.22	33.02	0.66	24.84	2.01	4.02	Y
20-Jan	3:00	1.16	6.5	7.93	13.83	20166	0	20166	65.16	75.59	1.09	34.61	1.06	9.9	7.97	46.0	29.22	30.97	0.56	27.54	1.65	3.31	Y
21-Jan	1:00	1.12	6.4	7.83	14.21	19499	0	19499	69.24	77.55	1.16	33.44	0.96	9.5	7.74	46.0	29.22	28.05	0.54	25.76	1.70	3.41	Y
22-Jan	11:00	1.16	7.1	7.74	14.26	19515	0	19515	69.43	80.54	1.30	31.00	1.05	10.6	7.68	45.0	29.87	31.36	0.66	23.67	1.96	3.92	Y
23-Jan	9:00	1.20	6.6	7.64	13.25	21842	0	21842	57.64	69.17	1.11	31.07	1.18	10.4	7.52	45.0	29.87	35.24	0.77	23.01	1.88	3.76	Y
24-Jan	5:00	1.22	5.9	7.63	14.16	15153	0	15153	88.79	108.32	1.66	32.55	1.17	10.1	7.59	45.0	29.87	34.94	0.73	24.03	2.39	4.78	Y
25-Jan	21:00	1.14	5.6	7.73	14.56	17659	0	17659	78.34	89.31	1.31	34.14	1.17	9.7	7.67	45.0	29.87	34.94	0.69	25.39	2.00	3.99	Y
26-Jan	20:00	1.30	4.9	7.66	14.24	18001	0	18001	75.16	97.71	1.37	35.57	1.31	9.2	7.56	45.0	29.87	39.13	0.76	25.66	2.14	4.27	Y
27-Jan	11:00	1.25	4.1	7.84	14.05	18001	0	18001	74.16	92.70	1.16	39.92	1.20	8.9	7.72	45.0	29.87	35.84	0.65	27.37	1.82	3.63	Y
28-Jan	22:00	1.14	4.8	7.70	12.90	19515	0	19515	62.81	71.60	1.00	35.67	1.20	9.1	7.55	45.0	29.87	35.84	0.71	25.41	1.71	3.42	Y
29-Jan	20:00	1.08	4.8	8.01	13.64	20166	0	20166	64.27	69.41	0.87	39.68	1.03	9.9	8.03	45.0	29.87	30.76	0.55	28.05	1.42	2.85	Y
30-Jan	1:00	1.11	4.8	7.96	13.71	19840	0	19840	65.66	72.88	0.93	39.10	0.75	9.8	7.87	45.0	29.87	22.40	0.43	25.82	1.37	2.73	Y
31-Jan	20:00	0.97	6.6	7.61	13.45	17334	0	17334	73.73	71.51	1.19	29.93	1.19	11.2	7.57	45.0	29.87	35.54	0.80	22.23	1.99	3.99	Y