

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Washington

Conventional

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

<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) <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: 11/2/2021
	SIGNATURE: Zachary T Bertz	
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)	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? Y/N
		1-Oct		21:00		1.22	13.0		7.93	14.21	12842	7682	20524	83.07	101.35	2.25	22.49	1.03	18.6	8.02	45.0	29.87	30.76
2-Oct	1:00	1.36	13.0	7.82	14.11	13167	7650	20817	80.84	109.94	2.50	21.95	1.23	18.4	7.96	45.0	29.87	36.74	1.15	15.91	3.66	7.32	Y
3-Oct	9:00	1.16	12.8	7.81	14.03	12174	7487	19661	86.12	99.90	2.31	21.66	1.11	18.1	7.93	45.0	29.87	33.15	1.05	15.83	3.35	6.71	Y
4-Oct	20:00	1.12	13.3	7.46	14.29	10677	7812	18489	97.04	108.68	2.96	18.34	1.00	18.8	7.72	46.0	29.22	29.22	1.06	13.80	4.02	8.04	Y
5-Oct	12:00	1.32	13.0	7.73	14.19	10824	7845	18669	95.21	125.68	2.97	21.14	1.20	18.9	7.82	45.0	29.87	35.84	1.23	14.56	4.20	8.41	Y
6-Oct	20:00	1.16	12.2	7.68	13.96	11491	7812	19303	89.23	103.51	2.40	21.56	1.03	18.3	7.85	45.0	29.87	30.76	1.02	15.03	3.42	6.85	Y
7-Oct	6:00	1.19	12.2	7.65	13.63	11670	7812	19482	86.02	102.36	2.39	21.41	1.06	18.5	7.84	45.0	29.87	31.66	1.07	14.82	3.46	6.92	Y
8-Oct	22:00	0.99	11.3	7.72	13.73	12826	7845	20671	80.07	79.27	1.74	22.77	0.98	16.5	7.99	45.0	29.87	29.27	0.82	17.74	2.57	5.13	Y
9-Oct	1:00	1.03	11.5	7.69	13.79	13656	7812	21468	76.37	78.66	1.76	22.33	0.99	17.4	7.89	45.0	29.87	29.57	0.92	16.12	2.68	5.36	Y
10-Oct	20:00	0.98	12.0	7.77	13.57	11670	7845	19515	85.58	83.87	1.90	22.10	0.95	18.1	7.83	45.0	29.87	28.37	0.95	14.98	2.84	5.69	Y
11-Oct	5:00	1.07	11.5	7.73	13.66	11003	7845	18848	90.43	96.76	2.13	22.75	1.03	18.2	7.84	45.0	29.87	30.76	1.02	15.07	3.15	6.29	Y
12-Oct	6:00	1.07	10.4	7.82	13.68	12174	7812	19986	83.37	89.20	1.76	25.27	1.01	17.6	7.87	45.0	29.87	30.17	0.95	15.83	2.72	5.44	Y
13-Oct	4:00	1.10	9.8	7.91	13.40	12337	7845	20182	80.71	88.78	1.63	27.26	1.03	16.5	7.90	45.0	29.87	30.76	0.89	17.26	2.52	5.04	Y
14-Oct	4:00	1.24	9.9	7.72	14.38	17497	0	17497	78.09	96.83	1.88	25.71	1.05	18.2	7.81	45.0	29.87	31.36	1.05	14.94	2.93	5.86	Y
15-Oct	21:00	1.13	10.2	7.73	14.15	13656	8333	21989	77.53	87.61	1.75	24.98	0.97	17.7	7.82	45.0	29.87	28.97	0.94	15.36	2.70	5.39	Y
16-Oct	1:00	1.19	10.4	7.58	14.44	13672	8008	21680	79.57	94.68	2.01	23.53	1.01	17.3	7.77	44.0	30.55	30.85	0.99	15.56	3.00	6.01	Y
17-Oct	16:00	1.27	10.5	7.52	14.50	11165	8171	19336	94.16	119.58	2.59	23.09	1.13	18.0	7.67	45.0	29.87	33.75	1.16	14.51	3.75	7.51	Y
18-Oct	8:00	1.36	10.4	7.63	14.43	10498	8171	18669	98.55	134.03	2.74	24.42	1.14	17.7	7.77	45.0	29.87	34.05	1.11	15.38	3.85	7.70	Y
19-Oct	22:00	1.10	10.0	7.98	14.43	11182	8008	19190	93.92	103.31	1.87	27.58	1.07	17.6	8.00	45.0	29.87	31.96	0.96	16.72	2.83	5.66	Y
20-Oct	1:00	1.10	10.1	7.66	13.66	12842	8171	21013	79.03	86.93	1.78	24.44	1.04	18.8	7.77	44.0	30.55	31.77	1.12	14.12	2.90	5.81	Y
21-Oct	21:00	1.04	10.3	7.78	13.59	14681	8008	22689	70.55	73.37	1.47	25.00	1.08	17.6	7.82	45.0	29.87	32.26	1.03	15.66	2.50	4.99	Y
22-Oct	6:00	0.95	10.2	7.74	13.67	14339	8008	22347	72.38	68.76	1.40	24.55	1.05	17.3	7.87	45.0	29.87	31.36	0.97	16.22	2.37	4.73	Y
23-Oct	13:00	0.99	10.2	7.91	14.31	13005	8138	21143	81.98	81.16	1.55	26.21	0.97	17.2	7.95	45.0	29.87	28.97	0.87	16.67	2.42	4.84	Y
24-Oct	20:00	1.00	9.5	7.83	13.98	11670	7975	19645	87.91	87.91	1.64	26.72	1.04	17.1	7.91	45.0	29.87	31.06	0.93	16.66	2.58	5.15	Y
25-Oct	20:00	0.98	9.1	7.87	14.17	9900	8000	17900	101.91	99.88	1.80	27.79	0.97	16.9	7.89	45.0	29.87	28.97	0.87	16.63	2.67	5.34	Y
26-Oct	14:00	0.98	8.6	7.77	13.73	9831	8171	18002	98.92	96.94	1.75	27.73	1.04	14.3	7.90	45.0	29.87	31.06	0.78	20.00	2.52	5.05	Y
27-Oct	22:00	1.12	8.7	7.43	13.88	9993	8333	18326	98.32	110.12	2.22	24.78	1.16	17.2	7.56	45.0	29.87	34.65	1.18	14.74	3.40	6.79	Y
28-Oct	0:00	1.13	8.6	7.45	14.03	10000	8300	18300	99.40	112.32	2.23	25.16	1.19	16.7	7.54	45.0	29.87	35.54	1.17	15.18	3.40	6.81	Y
29-Oct	3:00	1.21	9.5	7.62	14.17	10498	8171	18669	96.77	117.10	2.31	25.40	1.23	17.6	7.70	45.0	29.87	36.74	1.21	15.24	3.51	7.02	Y
30-Oct	9:00	1.25	8.9	7.60	14.16	6006	8171	14177	151.61	189.51	3.59	26.37	1.18	17.5	7.66	44.0	30.55	36.04	1.20	15.03	4.79	9.58	Y
31-Oct	19:00	1.16	6.9	7.52	14.70	19824	8333	28157	58.76	68.17	1.17	29.02	1.18	15.7	7.63	44.0	30.55	36.04	1.08	16.76	2.25	4.50	Y