

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: **Washington**

Conventional

Mo/Yr: **Sep-21**

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-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
5-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
6-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
9-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
10-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
12-Sep	0.03	0.03	0.03	0.03	0.02	0.03	0.03
13-Sep	0.03	0.03	0.03	0.03	0.02	0.02	0.03
14-Sep	0.02	0.03	0.03	0.02	0.02	0.02	0.03
15-Sep	0.02	0.03	0.03	0.03	0.03	0.03	0.03
16-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
24-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
26-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
27-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30-Sep	0.03	0.03	0.03	0.03	0.03	0.03	0.03

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

Notes: OFF= WTP Offline for expansion or maintenance work.	PRINTED NAME: Zac Bertz	DATE: 10/4/2021
	SIGNATURE:	
	PHONE #: (503) 615-6671	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 = 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
		(mg/L) "C"		(mg/L) "C"		(minutes) "T"																	
1-Sep	17:00	1.14	14.5	7.59	13.82	21159	16504	37663	46.81	53.36	1.50	17.80	1.08	17.6	7.69	46.0	29.22	31.55	1.06	14.92	2.56	5.11	Y
2-Sep	0:00	1.14	14.7	7.65	14.53	18164	16667	34831	55.61	63.40	1.76	17.96	1.05	19.3	7.77	46.0	29.22	30.68	1.12	13.68	2.89	5.77	Y
3-Sep	21:00	1.07	15.5	7.64	13.97	19010	16667	35677	51.53	55.14	1.64	16.83	0.99	20.2	7.63	46.0	29.22	28.93	1.19	12.14	2.83	5.66	Y
4-Sep	12:00	1.08	15.4	7.64	14.10	19400	16800	36200	51.09	55.17	1.63	16.97	1.04	19.6	7.69	45.4	29.60	30.79	1.18	13.00	2.81	5.62	Y
5-Sep	23:00	1.12	16.9	7.63	14.63	19336	16504	35840	53.33	59.73	1.94	15.36	1.07	20.7	7.64	46.0	29.22	31.26	1.31	11.89	3.26	6.52	Y
6-Sep	0:00	1.12	16.9	7.61	14.64	18994	16504	35498	54.14	60.64	1.99	15.25	1.10	20.9	7.63	46.0	29.22	32.14	1.37	11.73	3.36	6.72	Y
7-Sep	18:00	1.18	16.4	7.48	14.12	18994	16667	35661	52.12	61.50	2.03	15.13	1.17	21.0	7.53	46.0	29.22	34.18	1.51	11.31	3.54	7.09	Y
8-Sep	21:00	1.06	17.1	7.58	13.64	11995	25651	37646	66.76	70.77	2.39	14.78	1.02	21.8	7.60	46.0	29.22	29.80	1.38	10.81	3.77	7.54	Y
9-Sep	11:00	1.03	16.6	7.61	13.63	11328	25651	36979	69.85	71.95	2.34	15.40	1.07	20.1	7.67	46.0	29.22	31.26	1.25	12.52	3.58	7.17	Y
10-Sep	20:00	1.04	16.9	7.78	14.33	14844	22656	37500	60.65	63.08	1.96	16.09	1.07	20.6	7.73	46.0	29.22	31.26	1.26	12.38	3.22	6.44	Y
11-Sep	3:00	1.11	16.3	7.69	13.64	12663	25651	38314	63.92	70.95	2.17	16.33	0.99	20.7	7.73	46.0	29.22	28.93	1.19	12.18	3.36	6.72	Y
12-Sep	2:00	1.10	16.4	7.65	13.60	18994	16341	35335	50.39	55.43	1.74	15.97	0.99	20.7	7.65	46.0	29.22	28.93	1.22	11.82	2.96	5.92	Y
13-Sep	20:00	1.02	16.0	7.66	13.58	18164	16341	34505	52.17	53.22	1.63	16.31	0.95	20.9	7.64	46.0	29.22	27.76	1.20	11.57	2.83	5.66	Y
14-Sep	6:00	1.01	15.7	7.68	13.61	17839	16504	34343	52.96	53.49	1.60	16.74	0.95	20.2	7.69	46.0	29.22	27.76	1.12	12.35	2.72	5.44	Y
15-Sep	8:00	1.01	16.1	7.68	13.34	22835	7357	30192	47.92	48.40	1.48	16.30	0.96	20.1	7.82	46.0	29.22	28.05	1.07	13.07	2.56	5.11	Y
16-Sep	9:00	1.14	15.3	7.58	14.60	19824	7194	27018	59.53	67.86	2.02	16.82	1.14	18.8	7.80	46.0	29.22	33.31	1.15	14.45	3.17	6.34	Y
17-Sep	22:00	1.09	15.3	7.60	14.36	19157	7357	26514	60.14	65.55	1.95	16.85	1.01	20.5	7.84	46.0	29.22	29.51	1.14	12.89	3.09	6.18	Y
18-Sep	6:00	1.03	15.3	7.69	13.97	21338	7324	28662	53.29	54.89	1.59	17.30	1.06	19.9	7.84	46.0	29.22	30.97	1.15	13.50	2.73	5.47	Y
19-Sep	4:00	1.18	15.1	7.54	13.96	19173	7520	26693	58.25	68.74	2.04	16.87	1.00	20.3	7.75	46.0	29.22	29.22	1.16	12.62	3.19	6.39	Y
20-Sep	17:00	1.17	14.7	7.80	14.42	19336	7520	26856	59.73	69.89	1.83	19.05	0.96	20.0	7.88	46.0	29.22	28.05	1.04	13.46	2.88	5.75	Y
21-Sep	2:00	1.31	14.5	7.74	14.76	16016	7520	23536	71.88	94.16	2.45	19.18	1.19	19.9	7.80	46.0	29.22	34.77	1.29	13.50	3.74	7.48	Y
22-Sep	10:00	1.16	14.0	7.65	14.42	12600	7400	20000	86.18	99.97	2.65	18.86	1.09	19.1	7.80	45.0	29.87	32.55	1.16	14.08	3.81	7.61	Y
23-Sep	22:00	1.06	14.9	7.93	14.26	13900	7200	21100	78.82	83.55	2.15	19.48	1.07	19.3	7.93	45.0	29.87	31.96	1.10	14.55	3.24	6.49	Y
24-Sep	14:00	1.07	15.0	7.48	14.08	15169	7324	22493	72.09	77.14	2.35	16.40	1.10	20.2	7.65	46.0	29.22	32.14	1.30	12.38	3.65	7.30	Y
25-Sep	20:00	1.02	15.2	8.04	13.40	13700	7300	21000	74.82	76.32	1.93	19.79	1.04	21.0	7.94	45.0	29.87	31.06	1.20	12.99	3.12	6.25	Y
26-Sep	20:00	1.06	15.2	7.93	13.44	13200	7500	20700	77.09	81.71	2.14	19.09	1.00	20.9	8.04	45.0	29.87	29.87	1.11	13.51	3.25	6.49	Y
27-Sep	14:00	1.12	14.9	7.82	13.47	12600	7500	20100	80.32	89.96	2.39	18.83	1.10	19.3	7.94	45.0	29.87	32.85	1.12	14.65	3.51	7.02	Y
28-Sep	22:00	1.07	13.5	7.73	14.67	15800	7400	23200	72.44	77.51	1.95	19.88	1.16	18.3	7.93	45.0	29.87	34.65	1.10	15.71	3.05	6.11	Y
29-Sep	13:00	1.19	13.1	7.55	14.10	15658	7682	23340	69.77	83.03	2.14	19.36	1.31	17.7	7.71	46.0	29.22	38.27	1.25	15.33	3.39	6.78	Y
30-Sep	16:00	1.19	13.6	7.65	14.89	15169	7682	22851	75.69	90.07	2.32	19.43	1.22	18.2	7.69	45.0	29.87	36.44	1.25	14.57	3.57	7.14	Y