

OHA - Drinking Water Program - Turbidity Monitoring Report Form							County: Washington	
Conventional							Mo/Yr: Sep-22	
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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
2-Sep	0.02	0.02	0.04	0.06	0.02	0.02	0.06	
3-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
4-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
5-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
6-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
7-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
8-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
9-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.03	
10-Sep	0.02	0.02	0.02	0.02	0.02	0.04	0.04	
11-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
12-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
13-Sep	0.02	0.02	0.02	0.01	0.02	0.02	0.02	
14-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
15-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
16-Sep	0.02	0.02	0.01	0.01	0.02	0.01	0.02	
17-Sep	0.02	0.02	0.02	0.03	0.02	0.02	0.03	
18-Sep	0.02	0.02	0.02	0.02	0.01	0.02	0.02	
19-Sep	0.01	0.02	0.01	0.02	0.01	0.02	0.02	
20-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
21-Sep	0.02	0.01	0.02	0.02	0.02	0.02	0.02	
22-Sep	0.01	0.02	0.02	0.02	0.02	0.02	0.02	
23-Sep	0.02	0.01	0.01	0.01	0.02	0.01	0.02	
24-Sep	0.01	0.01	0.02	0.02	0.02	0.02	0.02	
25-Sep	0.01	0.01	0.01	0.02	0.02	0.02	0.02	
26-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
27-Sep	0.02	0.02	0.05	0.02	0.02	0.02	0.02	
28-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
29-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
30-Sep	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
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 ² triggers				Yes				
Notes: OFF= WTP Offline for maintenance work.				PRINTED NAME: Zac Bertz SIGNATURE: Zac Bertz		DATE: 		
				PHONE #: (503) 758-4446		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))

Digitally signed by Zac Bertz
 DN: cn=Zac Bertz, ou=Users, ou=Water, ou=COH,
 o=JWC, DC=jwc, DC=hillside, DC=or, DC=us
 Reason: I attest to the accuracy and integrity of this document
 Contact Info: 503-758-4446
 Date: 2022.10.03 14:55:30-0700

Date		CT # 1 (Clearwell Segment)											CT # 2 (Ops Building Pipeline Segment)								Combined CT		
DATE	TIME	FWPS 1 (CT) Cl2 Residual (mg/L) "C"	Celsius	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)/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-Sep	8:00	1.28	14.6	7.61	13.61	20357	19842	40199	45.94	58.80	1.62	18.10	1.14	18.3	7.65	44.0	30.55	34.82	1.23	14.13	2.86	5.71	Y
2-Sep	7:00	1.23	14.3	7.62	13.41	19902	19850	39752	46.09	56.70	1.54	18.43	1.12	19.1	7.68	44.0	30.55	34.21	1.27	13.51	2.80	5.61	Y
3-Sep	18:00	1.11	15.4	7.64	13.71	19651	19528	39179	47.76	53.02	1.56	17.02	1.09	18.2	7.63	44.0	30.55	33.29	1.19	14.04	2.74	5.49	Y
4-Sep	0:00	1.25	15.1	7.55	13.76	18907	19522	38429	49.45	61.81	1.81	17.07	1.10	19.5	7.54	44.0	30.55	33.60	1.35	12.46	3.16	6.32	Y
5-Sep	9:00	1.25	14.5	7.72	13.58	18999	19685	38684	48.53	60.67	1.60	18.91	1.13	18.7	7.70	44.0	30.55	34.52	1.23	14.00	2.84	5.67	Y
6-Sep	10:00	1.25	14.5	7.69	14.06	18518	19781	38299	51.25	64.06	1.71	18.70	1.14	17.2	7.68	44.0	30.55	34.82	1.13	15.38	2.84	5.69	Y
7-Sep	1:00	1.29	15.5	7.71	13.05	18975	19430	38405	46.81	60.38	1.70	17.71	1.19	19.8	7.57	44.0	30.55	36.35	1.46	12.47	3.16	6.32	Y
8-Sep	21:00	1.12	15.0	7.79	13.17	20181	19515	39696	44.91	50.30	1.36	18.50	1.16	19.7	7.67	44.0	30.55	35.43	1.36	12.99	2.72	5.45	Y
9-Sep	11:00	1.08	14.5	7.65	13.35	20312	19619	39931	45.24	48.86	1.35	18.08	1.25	18.5	7.70	44.0	30.55	38.18	1.33	14.38	2.68	5.36	Y
10-Sep	7:00	1.08	14.3	7.71	13.05	20188	19599	39787	44.45	48.01	1.28	18.73	1.23	19.2	7.66	44.0	30.55	37.57	1.39	13.49	2.67	5.35	Y
11-Sep	6:00	1.05	14.5	7.72	13.28	20828	19195	40023	44.29	46.50	1.26	18.49	1.24	19.0	7.69	44.0	30.55	37.88	1.37	13.84	2.63	5.25	Y
12-Sep	7:00	1.01	14.8	7.68	13.56	22184	19349	41533	42.91	43.33	1.22	17.78	1.20	18.7	7.65	44.0	30.55	36.65	1.32	13.85	2.54	5.08	Y
13-Sep	0:00	1.04	15.4	7.65	13.06	19263	19329	38592	46.33	48.18	1.42	16.95	1.19	18.2	7.60	44.0	30.55	36.35	1.29	14.04	2.72	5.43	Y
14-Sep	12:00	1.05	15.4	7.71	13.19	18192	18355	36547	49.49	51.96	1.50	17.35	1.22	18.3	7.68	44.0	30.55	37.27	1.29	14.42	2.79	5.58	Y
15-Sep	2:00	1.19	15.6	7.78	14.02	25585	10267	35852	43.71	52.01	1.46	17.85	1.16	19.3	7.70	44.0	30.55	35.43	1.31	13.49	2.77	5.54	Y
16-Sep	9:00	1.29	15.1	7.69	13.76	23944	10357	34301	45.36	58.51	1.62	18.06	1.19	18.7	7.70	44.0	30.55	36.35	1.29	14.09	2.91	5.82	Y
17-Sep	6:00	1.28	14.9	7.68	13.58	24169	10414	34583	44.37	56.80	1.56	18.21	1.15	18.7	7.62	44.0	30.55	35.13	1.29	13.62	2.85	5.70	Y
18-Sep	12:00	1.24	15.4	7.68	14.17	23625	10395	34020	47.22	58.56	1.67	17.53	1.16	18.6	7.66	44.0	30.55	35.43	1.27	13.93	2.94	5.88	Y
19-Sep	22:00	1.20	15.9	7.62	13.92	19689	19514	39203	48.42	58.11	1.76	16.51	1.16	18.4	7.57	44.0	30.55	35.43	1.30	13.65	3.06	6.11	Y
20-Sep	10:00	1.28	15.3	7.69	13.58	19512	19544	39056	47.57	60.89	1.71	17.80	1.21	16.8	7.66	44.0	30.55	36.96	1.17	15.80	2.88	5.76	Y
21-Sep	20:00	1.12	15.7	7.77	13.40	18128	19468	37596	49.84	55.82	1.59	17.53	1.21	19.4	7.68	44.0	30.55	36.96	1.38	13.38	2.97	5.95	Y
22-Sep	8:00	1.11	15.0	7.69	13.38	16753	19516	36269	52.99	58.82	1.65	17.81	1.31	18.3	7.70	44.0	30.55	40.01	1.36	14.68	3.01	6.03	Y
23-Sep	21:00	0.92	15.5	7.76	13.19	16882	19488	36370	51.93	47.78	1.38	17.30	1.14	18.8	7.66	44.0	30.55	34.82	1.27	13.71	2.65	5.30	Y
24-Sep	6:00	0.97	15.1	7.74	13.03	16696	19484	36180	51.76	50.21	1.42	17.74	1.18	19.0	7.66	44.0	30.55	36.04	1.33	13.59	2.74	5.48	Y
25-Sep	21:00	1.01	16.3	7.64	13.01	17808	19605	37413	49.02	49.51	1.56	15.85	1.19	18.9	7.65	44.0	30.55	36.35	1.33	13.65	2.89	5.79	Y
26-Sep	20:00	0.98	16.5	7.53	13.60	17384	19772	37156	52.15	51.11	1.71	14.96	1.19	18.6	7.56	45.0	29.87	35.54	1.32	13.47	3.03	6.05	Y
27-Sep	18:00	1.03	17.0	7.77	13.71	14700	19836	34536	60.08	61.88	1.94	15.91	1.18	19.9	7.69	44.0	30.55	36.04	1.39	12.94	3.34	6.67	Y
28-Sep	18:00	1.26	16.5	7.78	13.89	13998	20232	34230	63.03	79.42	2.34	16.95	1.10	18.7	7.72	44.0	30.55	33.60	1.20	14.05	3.54	7.08	Y
29-Sep	15:00	1.26	16.8	7.60	13.63	13993	20618	34611	61.63	77.66	2.50	15.54	1.15	18.7	7.60	44.0	30.55	35.13	1.30	13.52	3.80	7.60	Y
30-Sep	1:00	1.26	16.3	7.74	13.68	11714	20406	32120	71.43	90.00	2.66	16.92	1.16	19.8	7.67	44.0	30.55	35.43	1.37	12.90	4.03	8.06	Y