


OHA - Drinking Water Program - Turbidity Monitoring Report Form							County: Washington
Conventional							Mo/Yr: Dec-23
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-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
2-Dec	0.02	0.02	0.02	0.02	0.03	0.03	0.03
3-Dec	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4-Dec	0.03	0.03	0.04	0.04	0.03	0.03	0.04
5-Dec	0.02	0.02	0.02	0.02	0.02	0.04	0.04
6-Dec	0.10	0.10	0.08	0.07	0.06	0.05	0.12
7-Dec	0.04	0.04	0.03	0.03	0.03	0.02	0.04
8-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
10-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.03
11-Dec	0.03	0.03	Shutdown	Shutdown	Shutdown	0.05	0.06
12-Dec	0.02	0.02	0.02	Shutdown	0.04	0.02	0.04
13-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
14-Dec	0.02	0.04	0.03	0.02	0.02	0.02	0.04
15-Dec	0.02	0.03	0.02	0.02	0.02	0.02	0.03
16-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17-Dec	0.02	0.02	0.02	0.04	0.03	0.02	0.04
18-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.03
21-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
22-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
25-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
26-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.04
27-Dec	0.03	0.02	0.02	0.02	0.02	0.02	0.03
28-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30-Dec	0.02	0.02	0.02	0.02	0.02	0.02	0.03
31-Dec	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 daily turbidity readings ≤ 1 NTU?				Yes		All Cl2 residual at entry point ≥ 0.2 mg/l?	
All turbidity readings < IFE ² triggers				Yes		Yes	
Notes:				PRINTED NAME: Zachary Bertz		DocuSigned by:	
				SIGNATURE: 		DATE: 1/4/2024	
				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))

Date		CT # 1 (Clearwell Segment)											CT # 2 (Ops Building Pipeline Segment)								Combined CT		
DATE	TIME	FWPS 1 (CT) Cl2 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 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-Dec	22:00	1.31	6.7	7.73	13.02	12,933	7,856	20,789	75.4	98.8	1.53	32.3	1.30	14.2	7.62	41	32.8	42.6	1.14	18.7	2.7	5.3	Y
2-Dec	12:00	1.30	7.6	7.73	13.72	13,439	7,933	21,372	76.8	99.9	1.65	30.3	1.29	14.9	7.76	41	32.8	42.3	1.13	18.8	2.8	5.5	Y
3-Dec	19:00	1.26	9.6	7.56	13.27	13,536	7,844	21,380	74.0	93.2	1.88	24.8	1.30	15.9	7.56	41	32.8	42.6	1.30	16.3	3.2	6.4	Y
4-Dec	17:00	1.34	11.0	7.47	13.61	15,903	7,783	23,686	66.3	88.9	2.01	22.1	1.25	15.5	7.53	41	32.8	41.0	1.24	16.5	3.3	6.5	Y
5-Dec	15:00	1.27	12.4	7.96	13.38	17,353	7,756	25,109	60.6	76.9	1.62	23.8	1.22	16.3	7.76	41	32.8	40.0	1.18	17.0	2.8	5.6	Y
6-Dec	19:00	1.41	12.2	7.63	13.26	16,735	7,814	24,549	61.8	87.2	2.00	21.8	1.24	16.8	7.63	41	32.8	40.6	1.30	15.7	3.3	6.6	Y
7-Dec	14:00	1.44	11.5	7.60	13.97	18,507	7,787	26,294	59.8	86.1	1.90	22.7	1.43	14.8	7.68	41	32.8	46.9	1.26	18.6	3.2	6.3	Y
8-Dec	9:00	1.48	10.6	7.53	13.60	15,616	7,717	23,333	67.4	99.8	2.12	23.6	1.40	16.0	7.70	41	32.8	45.9	1.33	17.3	3.4	6.9	Y
9-Dec	18:00	1.38	9.6	7.68	13.69	18,550	8,575	27,125	57.7	79.6	1.51	26.3	1.34	15.6	7.73	41	32.8	43.9	1.23	17.8	2.7	5.5	Y
10-Dec	22:00	1.37	10.1	7.54	13.69	18,822	8,556	27,378	57.0	78.1	1.62	24.2	1.29	15.9	7.68	41	32.8	42.3	1.24	17.1	2.9	5.7	Y
11-Dec	20:00	1.02	10.4	8.08	14.18	23,372	17,491	40,863	43.8	44.7	0.81	27.6	1.06	16.1	7.67	41	32.8	34.7	1.06	16.3	1.9	3.7	Y
12-Dec	0:00	1.49	10.7	7.39	13.92	22,465	17,413	39,878	44.5	66.2	1.48	22.3	1.30	14.6	7.49	41	32.8	42.6	1.23	17.4	2.7	5.4	Y
13-Dec	2:00	1.42	10.3	7.52	13.48	15,056	8,654	23,710	67.7	96.1	2.02	23.8	1.25	17.5	7.63	41	32.8	41.0	1.37	15.0	3.4	6.8	Y
14-Dec	20:00	1.36	9.6	7.69	13.54	14,424	8,596	23,020	70.5	95.9	1.82	26.3	1.28	16.9	7.70	41	32.8	42.0	1.31	16.1	3.1	6.3	Y
15-Dec	20:00	1.33	9.4	7.64	13.75	14,476	8,621	23,097	71.4	94.9	1.82	26.1	1.11	18.1	7.60	41	32.8	36.4	1.30	14.0	3.1	6.2	Y
16-Dec	20:00	1.40	8.4	7.56	13.13	16,422	8,628	25,050	61.3	85.8	1.57	27.4	1.16	17.4	7.54	41	32.8	38.0	1.32	14.4	2.9	5.8	Y
17-Dec	20:00	1.38	8.0	7.73	13.40	17,696	8,637	26,333	58.7	81.0	1.36	29.8	1.12	16.7	7.65	41	32.8	36.7	1.17	15.7	2.5	5.1	Y
18-Dec	0:00	1.40	8.0	7.75	13.03	17,818	8,616	26,434	56.8	79.5	1.32	30.1	1.12	17.1	7.68	41	32.8	36.7	1.19	15.4	2.5	5.0	Y
19-Dec	22:00	1.39	9.4	7.72	13.06	16,303	8,615	24,918	61.4	85.3	1.58	27.1	1.15	17.6	7.72	41	32.8	37.7	1.24	15.2	2.8	5.6	Y
20-Dec	16:00	1.36	10.0	7.61	13.98	16,392	8,557	24,949	65.4	89.0	1.79	24.9	1.14	16.6	7.63	40	33.6	38.3	1.22	15.7	3.0	6.0	Y
21-Dec	10:00	1.36	9.6	7.51	13.13	16,906	8,763	25,669	59.7	81.1	1.64	24.7	1.14	16.9	7.63	41	32.8	37.4	1.21	15.4	2.9	5.7	Y
22-Dec	12:00	1.47	9.4	7.67	13.46	13,395	8,514	21,909	74.7	109.8	2.05	26.8	1.24	17.1	7.68	41	32.8	40.6	1.30	15.7	3.3	6.7	Y
23-Dec	23:00	1.34	8.2	7.60	13.50	11,213	8,555	19,768	86.6	116.1	2.08	27.9	1.13	18.7	7.73	41	32.8	37.0	1.31	14.2	3.4	6.8	Y
24-Dec	22:00	1.32	8.7	7.70	13.48	14,245	8,605	22,850	70.9	93.6	1.68	27.9	1.16	18.6	7.71	41	32.8	38.0	1.34	14.2	3.0	6.0	Y
25-Dec	5:00	1.37	8.9	7.61	13.64	14,068	8,534	22,602	72.6	99.5	1.85	26.8	1.17	19.2	7.63	41	32.8	38.4	1.45	13.2	3.3	6.6	Y
26-Dec	21:00	1.34	9.8	7.58	13.76	14,155	8,549	22,704	72.9	97.6	1.96	24.9	1.25	17.5	7.66	41	32.8	41.0	1.35	15.1	3.3	6.6	Y
27-Dec	20:00	1.41	10.0	7.57	13.63	14,234	8,511	22,745	71.9	101.4	2.05	24.7	1.22	19.0	7.54	41	32.8	40.0	1.53	13.1	3.6	7.2	Y
28-Dec	20:00	1.39	10.3	7.60	13.43	14,466	8,525	22,991	69.9	97.1	1.99	24.4	1.21	18.6	7.67	41	32.8	39.7	1.41	14.1	3.4	6.8	Y
29-Dec	20:00	1.38	11.7	7.53	13.28	14,449	8,506	22,955	69.2	95.5	2.20	21.7	1.17	19.0	7.56	41	32.8	38.4	1.47	13.1	3.7	7.3	Y
30-Dec	20:00	1.40	12.0	7.65	13.25	13,965	8,512	22,477	71.0	99.4	2.24	22.2	1.12	19.0	7.71	41	32.8	36.7	1.33	13.8	3.6	7.1	Y
31-Dec	19:00	1.39	11.7	7.57	14.57	16,823	8,583	25,406	66.7	92.7	2.11	22.0	1.16	19.3	7.65	41	32.8	38.0	1.44	13.2	3.5	7.1	Y