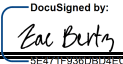


OHA - Drinking Water Program - Turbidity Monitoring Report Form					County: Washington			
Conventional					Mo/Yr: January-2024			
System Name: Joint Water Commission ID#: OR4100379					WTP-: WTP-A			
DATE	Combined Filter Effluent						HIGHEST READING ¹ (NTU)	
	0:00 (NTU)	4:00 (NTU)	8:00 (NTU)	12:00 (NTU)	16:00 (NTU)	20:00 (NTU)		
1-Jan	0.02	0.02	0.02	0.02	0.03	0.02	0.03	
2-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
3-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
4-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.03	
5-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
6-Jan	0.02	0.02	0.02	0.02	0.07	0.09	0.09	
7-Jan	0.04	0.03	0.04	0.03	0.02	0.02	0.04	
8-Jan	0.02	0.02	0.02	0.04	0.02	0.02	0.04	
9-Jan	0.02	0.02	0.03	0.03	0.02	0.02	0.03	
10-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
11-Jan	0.02	0.02	0.02	0.02	0.05	0.02	0.05	
12-Jan	0.03	0.03	0.03	0.02	0.02	0.03	0.03	
13-Jan	0.02	0.02	0.04	0.03	0.03	0.03	0.04	
14-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
15-Jan	0.02	0.02	0.02	0.02	0.03	0.03	0.05	
16-Jan	0.02	0.02	0.02	0.03	0.02	0.02	0.04	
17-Jan	0.02	0.02	0.03	0.02	0.03	0.02	0.03	
18-Jan	0.03	0.02	0.02	0.02	0.02	0.02	0.03	
19-Jan	0.02	0.02	0.03	0.03	0.02	0.02	0.04	
20-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
21-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
22-Jan	0.02	0.04	0.02	Shutdown	0.02	0.03	0.04	
23-Jan	0.02	0.02	0.02	0.02	0.02	0.02	0.03	
24-Jan	0.02	0.06	0.03	0.03	0.02	0.02	0.06	
25-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
26-Jan	0.03	0.03	0.02	0.02	0.02	0.02	0.03	
27-Jan	0.02	0.02	0.02	0.04	0.03	0.03	0.04	
28-Jan	0.02	0.03	0.03	0.03	0.03	0.03	0.03	
29-Jan	0.03	0.03	0.03	0.03	0.03	0.04	0.05	
30-Jan	0.03	0.03	0.02	0.02	0.02	0.02	0.03	
31-Jan	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	
All turbidity readings < IFE ² triggers					Yes			
Notes:					PRINTED NAME: Zachary Bertz		DATE: 2/2/2024	
					SIGNATURE: 			
					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)	FWPS 1 (CT) Temp	FWPS 1 (CT)	Clearwell Level	FWPS 1 Flow	FWPS 2 Flow	Combined FWPS Flow	Clearwell Detention Time (T10)	Clearwell CT Achieved (min*mg/L)	Clearwell Segment Giardia Log Inactivation	Clearwell Required CT (min*mg/L)	Ops Building Chlorine	Ops Building Temp	Ops Building pH	Ops Building Potable Flow	Ops Building Pipe Detention Time (1,344 gal)	Ops Bldg CT Achieved (min*mg/L)	Ops Bldg Giardia Log Inactivation	Ops Bldg Required CT (min*mg/L)	Total Log Inactivation	Total Inactivation Ratio	Required CT Achieved?
		(mg/L) "C"	Celsius	pH	(ft)	(gpm)	(gpm)	(gpm)	(minutes) "T"	C x T	(CTa*0.5Log)/CTr	(equation)	(mg/L) "C"	Celsius	pH	(gpm)	(minutes) "T"	C x T	(CTa*0.5Log)/CTr	(equation)	Provided	SCTa/CTr	Y/N
1-Jan	19:00	1.37	11.7	7.71	13.68	14,697	8,535	23,232	70.2	96.2	2.09	23.1	1.04	18.2	7.71	41	32.8	34.1	1.19	14.4	3.3	6.5	Y
2-Jan	0:00	1.37	11.8	7.87	12.97	13,746	8,487	22,233	70.5	96.5	1.99	24.2	1.09	19.4	7.71	41	32.8	35.7	1.34	13.3	3.3	6.7	Y
3-Jan	0:00	1.39	11.1	7.65	13.11	12,930	8,486	21,416	74.9	104.2	2.21	23.6	1.11	19.6	7.65	41	32.8	36.4	1.41	12.9	3.6	7.2	Y
4-Jan	12:00	1.28	13.1	7.70	13.91	16,844	8,514	25,358	63.7	81.5	1.97	20.7	1.15	14.1	7.76	41	32.8	37.7	0.97	19.5	2.9	5.9	Y
5-Jan	3:00	1.30	12.2	7.62	13.57	13,084	8,517	21,601	76.8	99.8	2.33	21.4	1.21	17.6	7.74	41	32.8	39.7	1.29	15.4	3.6	7.2	Y
6-Jan	23:00	1.37	12.4	7.51	13.96	15,781	8,594	24,375	67.4	92.4	2.25	20.5	1.22	13.9	7.59	41	32.8	40.0	1.07	18.7	3.3	6.6	Y
7-Jan	6:00	1.36	12.7	7.68	13.85	19,126	8,613	27,739	56.8	77.3	1.82	21.3	1.23	17.6	7.69	41	32.8	40.3	1.33	15.2	3.1	6.3	Y
8-Jan	7:00	1.35	13.5	7.65	13.69	18,946	8,566	27,512	56.7	76.5	1.92	19.9	1.23	18.5	7.71	41	32.8	40.3	1.40	14.4	3.3	6.6	Y
9-Jan	11:00	1.34	13.6	7.59	13.46	18,988	8,552	27,540	55.6	74.5	1.93	19.3	1.28	15.6	7.73	41	32.8	42.0	1.18	17.7	3.1	6.2	Y
10-Jan	19:00	1.33	12.3	7.41	13.57	15,633	8,591	24,224	66.1	87.9	2.21	19.9	1.28	16.1	7.70	41	32.8	42.0	1.24	16.9	3.5	6.9	Y
11-Jan	22:00	1.40	9.0	7.53	13.26	15,466	8,653	24,119	65.1	91.1	1.75	26.0	1.21	12.7	7.79	41	32.8	39.7	0.91	21.8	2.7	5.3	Y
12-Jan	21:00	1.33	8.9	7.61	13.22	16,053	8,028	24,081	63.6	84.6	1.58	26.7	1.17	17.7	7.78	41	32.8	38.4	1.24	15.5	2.8	5.6	Y
13-Jan	21:00	1.33	6.6	7.81	13.04	18,877	8,103	26,980	54.6	72.6	1.08	33.6	1.11	16.4	7.81	40	33.6	37.3	1.10	17.0	2.2	4.4	Y
14-Jan	19:00	1.36	5.8	7.54	13.48	20,381	8,577	28,958	52.4	71.3	1.11	32.2	1.16	15.0	7.61	40	33.6	39.0	1.12	17.4	2.2	4.5	Y
15-Jan	23:00	1.35	6.4	7.69	12.98	22,422	8,586	31,008	46.5	62.7	0.96	32.6	1.10	16.1	7.71	40	33.6	37.0	1.11	16.7	2.1	4.1	Y
16-Jan	11:00	1.37	6.1	7.58	13.23	19,040	17,528	36,568	48.3	66.1	1.03	32.1	1.25	14.8	7.72	40	33.6	42.0	1.13	18.5	2.2	4.3	Y
17-Jan	0:00	1.33	6.4	7.72	13.02	18,507	17,497	36,004	48.6	64.7	0.98	32.9	1.10	15.7	7.73	40	33.6	37.0	1.07	17.2	2.1	4.1	Y
18-Jan	2:00	1.33	7.6	7.66	13.63	18,509	17,357	35,866	51.0	67.8	1.14	29.7	1.08	16.7	7.68	40	33.6	36.3	1.15	15.8	2.3	4.6	Y
19-Jan	14:00	1.33	8.1	7.67	13.31	19,123	17,247	36,370	48.5	64.6	1.12	28.8	0.97	17.3	7.56	40	33.6	32.6	1.14	14.3	2.3	4.5	Y
20-Jan	0:00	1.28	8.5	7.54	13.56	16,646	17,173	33,819	55.4	70.9	1.33	26.6	1.09	17.4	7.53	40	33.6	36.6	1.28	14.3	2.6	5.2	Y
21-Jan	22:00	1.35	10.9	7.62	13.75	20,468	17,285	37,753	47.4	64.0	1.36	23.5	1.11	16.3	7.63	40	33.6	37.3	1.17	16.0	2.5	5.1	Y
22-Jan	0:00	1.35	11.6	7.56	13.33	19,773	17,215	36,988	47.3	63.9	1.45	22.0	1.19	16.5	7.64	40	33.6	40.0	1.25	16.0	2.7	5.4	Y
23-Jan	4:00	1.37	11.4	7.60	13.63	14,261	17,363	31,624	62.9	86.1	1.90	22.6	1.11	18.7	7.62	40	33.6	37.3	1.38	13.6	3.3	6.6	Y
24-Jan	21:00	1.34	12.2	8.01	14.48	21,846	8,617	30,463	53.0	71.0	1.44	24.7	1.17	18.6	7.78	40	33.6	39.3	1.35	14.6	2.8	5.6	Y
25-Jan	6:00	1.42	13.1	7.83	13.39	19,676	8,632	28,308	53.6	76.1	1.73	22.0	1.16	19.5	7.69	40	33.6	39.0	1.47	13.3	3.2	6.4	Y
26-Jan	21:00	1.34	12.7	7.51	13.36	18,525	8,600	27,125	56.3	75.5	1.89	19.9	1.25	18.6	7.67	40	33.6	42.0	1.49	14.1	3.4	6.8	Y
27-Jan	1:00	1.33	12.7	7.52	13.46	18,205	8,594	26,799	57.6	76.6	1.92	20.0	1.22	19.5	7.66	41	32.8	40.0	1.51	13.2	3.4	6.9	Y
28-Jan	7:00	1.32	12.8	7.37	13.39	18,096	8,567	26,663	57.6	76.1	2.03	18.8	0.97	19.7	7.59	40	33.6	32.6	1.32	12.3	3.3	6.7	Y
29-Jan	23:00	1.36	14.1	7.55	13.57	19,494	7,926	27,420	55.4	75.4	2.04	18.5	1.31	19.1	7.68	40	33.6	44.0	1.59	13.8	3.6	7.3	Y
30-Jan	21:00	1.32	13.7	7.70	13.38	19,854	8,017	27,871	53.7	70.9	1.78	20.0	1.26	19.8	7.78	40	33.6	42.3	1.56	13.6	3.3	6.7	Y
31-Jan	4:00	1.39	13.6	7.70	13.61	19,755	7,997	27,752	54.9	76.3	1.88	20.2	1.25	20.5	7.77	40	33.6	42.0	1.63	12.9	3.5	7.0	Y