


OHA - Drinking Water Program - Turbidity Monitoring Report Form					County: Washington				
Conventional					Mo/Yr: Nov-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-Nov	0.02	0.02	0.02	Shutdown	0.02	0.03	0.03		
2-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
3-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
4-Nov	0.02	0.02	0.02	0.02	0.02	0.03	0.03		
5-Nov	0.03	0.03	0.04	0.03	0.03	0.03	0.04		
6-Nov	0.03	0.03	0.03	0.03	0.03	0.04	0.05		
7-Nov	0.02	0.05	0.04	0.03	0.03	0.04	0.05		
8-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.04		
9-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
10-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
11-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
12-Nov	0.03	0.03	0.05	0.03	0.03	0.03	0.05		
13-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
14-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
15-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
16-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
17-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
18-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
19-Nov	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
20-Nov	0.02	0.03	0.03	0.03	0.02	0.03	0.03		
21-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
22-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
23-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
24-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
25-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
26-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
27-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
28-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
29-Nov	0.02	0.02	0.03	0.02	0.02	0.02	0.03		
30-Nov	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:				PRINTED NAME: Zachary Bertz		DocuSigned by:			
				SIGNATURE:				DATE: 12/1/2023	
				PHONE #: 503-615-6672		5E471F936DBD4EC...		CERT#: T8022	

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-Nov	21:00	1.35	9.8	7.68	13.31	15,046	8,593	23,639	66.9	90.3	1.75	25.8	1.12	16.5	7.71	42	32.0	35.8	1.10	16.3	2.9	5.7	Y
2-Nov	19:00	1.28	11.5	7.30	13.62	15,270	8,514	23,784	67.7	86.7	2.16	20.0	1.21	17.5	7.45	42	32.0	38.7	1.39	13.9	3.6	7.1	Y
3-Nov	0:00	1.34	11.7	7.45	13.02	13,310	8,447	21,757	72.7	97.4	2.32	21.0	1.29	17.5	7.58	42	32.0	41.3	1.40	14.8	3.7	7.4	Y
4-Nov	19:00	1.26	12.9	7.31	13.34	12,733	8,486	21,219	77.2	97.3	2.69	18.1	1.22	18.5	7.50	42	32.0	39.0	1.47	13.3	4.2	8.3	Y
5-Nov	0:00	1.32	13.0	7.35	12.97	11,867	8,475	20,342	79.6	105.1	2.86	18.4	1.19	18.0	8.07	42	32.0	38.1	1.12	16.9	4.0	8.0	Y
6-Nov	21:00	1.24	12.2	7.45	13.19	10,399	8,524	18,923	90.1	111.7	2.78	20.1	1.38	17.7	7.55	42	32.0	44.2	1.52	14.6	4.3	8.6	Y
7-Nov	23:00	1.35	11.9	7.63	13.44	11,839	8,516	20,355	82.6	111.5	2.52	22.1	1.27	17.4	7.67	42	32.0	40.6	1.32	15.3	3.8	7.7	Y
8-Nov	7:00	1.47	11.6	7.44	13.65	11,932	8,524	20,456	83.3	122.4	2.87	21.4	1.37	16.9	7.66	42	32.0	43.8	1.37	16.0	4.2	8.5	Y
9-Nov	23:00	1.31	9.8	7.62	13.49	8,429	8,538	16,967	109.2	143.0	2.84	25.2	1.23	16.7	7.59	42	32.0	39.4	1.27	15.5	4.1	8.2	Y
10-Nov	19:00	1.32	10.0	7.61	13.43	12,922	8,540	21,462	76.7	101.3	2.04	24.8	1.19	15.3	7.59	42	32.0	38.1	1.12	17.0	3.2	6.3	Y
11-Nov	15:00	1.41	10.9	7.49	13.58	16,640	8,545	25,185	62.8	88.5	1.96	22.6	1.20	16.0	7.56	42	32.0	38.4	1.20	16.0	3.2	6.3	Y
12-Nov	12:00	1.32	11.0	7.51	13.85	9,012	8,464	17,476	106.4	140.4	3.14	22.4	1.13	17.3	7.68	42	32.0	36.2	1.19	15.3	4.3	8.6	Y
13-Nov	23:00	1.32	11.0	7.45	13.48	8,902	8,592	17,494	104.3	137.6	3.14	21.9	1.13	17.5	7.59	42	32.0	36.2	1.24	14.6	4.4	8.8	Y
14-Nov	22:00	1.37	10.1	7.59	13.69	9,291	8,658	17,949	102.1	139.9	2.85	24.6	1.15	17.3	7.63	42	32.0	36.8	1.23	15.0	4.1	8.1	Y
15-Nov	22:00	1.35	10.2	7.78	13.45	13,724	8,681	22,405	72.9	98.4	1.89	26.1	1.11	17.2	7.79	41	32.8	36.4	1.14	16.0	3.0	6.1	Y
16-Nov	19:00	1.35	10.3	7.67	14.10	15,606	8,628	24,234	68.7	92.8	1.86	24.9	1.19	16.4	7.71	42	32.0	38.1	1.15	16.5	3.0	6.0	Y
17-Nov	0:00	1.41	10.1	7.73	12.99	12,619	8,621	21,240	75.5	106.5	2.05	26.0	1.24	17.2	7.76	42	32.0	39.7	1.24	16.0	3.3	6.6	Y
18-Nov	12:00	1.32	9.1	7.82	13.31	10,535	8,626	19,161	89.7	118.5	2.09	28.4	1.25	16.9	7.82	41	32.8	41.0	1.22	16.7	3.3	6.6	Y
19-Nov	23:00	1.39	9.2	7.67	12.97	12,579	8,682	21,261	75.5	105.0	1.95	26.9	1.27	16.9	7.58	41	32.8	41.6	1.36	15.3	3.3	6.6	Y
20-Nov	7:00	1.41	8.8	7.70	12.99	14,808	8,646	23,454	66.1	93.2	1.66	28.0	1.29	16.3	7.65	41	32.8	42.3	1.29	16.4	3.0	5.9	Y
21-Nov	6:00	1.37	8.1	7.64	13.23	12,807	8,644	21,451	76.0	104.1	1.82	28.6	1.25	16.5	7.74	41	32.8	41.0	1.23	16.7	3.0	6.1	Y
22-Nov	17:00	1.40	9.2	7.87	13.64	14,684	8,695	23,379	69.9	97.8	1.69	29.0	1.23	14.6	7.83	41	32.8	40.3	1.03	19.5	2.7	5.4	Y
23-Nov	0:00	1.39	9.4	7.64	13.41	14,006	8,697	22,703	71.4	99.3	1.89	26.3	1.32	16.0	7.71	44	30.5	40.3	1.17	17.2	3.1	6.1	Y
24-Nov	0:00	1.41	8.8	7.62	13.63	12,989	8,652	21,641	77.4	109.1	2.00	27.2	1.30	15.3	7.69	41	32.8	42.6	1.19	17.8	3.2	6.4	Y
25-Nov	0:00	1.45	7.1	7.63	13.47	10,047	8,616	18,663	94.4	136.9	2.22	30.8	1.31	15.6	7.75	41	32.8	42.9	1.20	17.9	3.4	6.8	Y
26-Nov	23:00	1.39	5.4	7.69	13.72	11,039	8,661	19,700	89.0	123.7	1.76	35.1	1.27	14.0	7.68	41	32.8	41.6	1.08	19.3	2.8	5.7	Y
27-Nov	11:00	1.35	4.9	7.90	13.38	10,663	8,649	19,312	89.3	120.5	1.54	39.1	1.30	12.7	7.77	41	32.8	42.6	0.98	21.8	2.5	5.0	Y
28-Nov	23:00	1.36	5.2	7.70	13.62	10,441	8,633	19,074	92.5	125.8	1.77	35.6	1.26	13.4	7.69	41	32.8	41.3	1.03	20.1	2.8	5.6	Y
29-Nov	5:00	1.42	5.0	7.65	13.52	10,422	8,623	19,045	92.0	130.6	1.83	35.7	1.28	14.0	7.75	41	32.8	42.0	1.06	19.8	2.9	5.8	Y
30-Nov	21:00	1.31	5.4	7.58	13.25	14,497	8,595	23,092	68.7	90.0	1.35	33.4	1.19	14.1	7.70	41	32.8	39.0	1.02	19.1	2.4	4.7	Y

CERT#: T8022