


OHA - Drinking Water Program - Turbidity Monitoring Report Form							County: Washington
Conventional							Mo/Yr: February 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-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.03
2-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3-Feb	0.02	0.02	0.02	0.03	0.02	0.02	0.03
4-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
7-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
8-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9-Feb	0.02	0.02	0.02	0.03	0.02	0.03	0.03
10-Feb	0.03	0.02	0.02	0.02	0.02	0.02	0.03
11-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
12-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.03
13-Feb	0.03	0.02	Shutdown	0.02	0.02	0.02	0.03
14-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15-Feb	0.02	0.03	0.02	0.03	0.03	0.03	0.03
16-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.04
18-Feb	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19-Feb	0.03	0.04	0.03	0.03	0.03	0.03	0.04
20-Feb	0.03	0.03	Shutdown	Shutdown	0.03	0.03	0.03
21-Feb	0.02	0.02	0.02	0.03	0.03	0.03	0.03
22-Feb	0.02	0.02	0.02	0.02	0.02	0.03	0.03
23-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
25-Feb	0.03	0.02	0.02	0.02	0.02	0.02	0.03
26-Feb	0.02	0.02	0.02	0.02	0.02	0.02	0.02
27-Feb	0.02	0.03	0.03	0.02	0.02	0.02	0.03
28-Feb	0.02	0.02	Shutdown	Shutdown	0.02	0.02	0.02
29-Feb	0.02	0.04	0.04	0.03	0.03	0.02	0.04

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

Notes: 	PRINTED NAME: Zachary Bertz SIGNATURE:  PHONE #: (503) 758-4446	DATE: 3/5/2024 CERT#: T08022
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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"	FWPS 1 (CT) Temp (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 (min*mg/L) C x T	Clearwell Segment Giardia Log Inactivation (CTa*0.5Log)/CTr	Clearwell Required CT (min*mg/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 (min*mg/L) C x T	Ops Bldg Giardia Log Inactivation (CTa*0.5Log)/CTr	Ops Bldg Required CT (min*mg/L) (equation)	Total Log Inactivation Provided	Total Inactivation Ratio SCTa/CTr	Required CT Achieved? Y/N
1-Feb	0:00	1.30	13.0	7.56	13.47	15,937	7,947	23,884	65.3	84.9	2.14	19.8	1.04	17.8	7.73	40	33.6	34.9	1.17	14.9	3.3	6.6	Y
2-Feb	9:00	1.38	10.6	7.59	13.71	16,400	8,015	24,415	64.8	89.4	1.88	23.8	1.27	16.5	7.75	40	33.6	42.7	1.27	16.8	3.1	6.3	Y
3-Feb	21:00	1.39	9.3	7.57	13.68	15,777	8,027	23,804	66.8	92.9	1.80	25.8	1.32	16.6	7.72	40	33.6	44.4	1.34	16.6	3.1	6.3	Y
4-Feb	22:00	1.35	8.7	7.68	13.43	14,016	8,048	22,064	72.4	97.8	1.76	27.8	1.32	14.9	7.66	40	33.6	44.4	1.22	18.2	3.0	6.0	Y
5-Feb	21:00	1.29	9.2	7.73	13.55	20,504	8,601	29,105	52.4	67.6	1.24	27.2	1.30	15.7	7.81	40	33.6	43.7	1.20	18.2	2.4	4.9	Y
6-Feb	11:00	1.35	9.5	7.46	13.70	20,786	8,533	29,319	52.4	70.7	1.45	24.4	1.34	13.3	7.69	40	33.6	45.0	1.10	20.5	2.6	5.1	Y
7-Feb	14:00	1.30	9.3	7.57	14.10	14,506	8,537	23,043	73.2	95.1	1.86	25.5	1.31	14.5	7.76	40	33.6	44.0	1.14	19.3	3.0	6.0	Y
8-Feb	20:00	1.49	8.6	7.44	13.51	13,083	8,606	21,689	76.3	113.7	2.18	26.1	1.45	16.4	7.51	40	33.6	48.7	1.54	15.8	3.7	7.4	Y
9-Feb	21:00	1.35	8.7	7.63	13.54	10,490	17,055	27,545	80.1	108.1	1.98	27.3	1.30	16.5	7.79	40	33.6	43.7	1.28	17.1	3.3	6.5	Y
10-Feb	23:00	1.36	8.8	7.63	13.21	11,604	17,364	28,968	71.8	97.7	1.80	27.2	1.36	16.0	7.74	40	33.6	45.7	1.31	17.5	3.1	6.2	Y
11-Feb	5:00	1.40	8.7	7.56	13.35	11,469	17,263	28,732	73.3	102.7	1.91	26.8	1.30	16.9	7.72	40	33.6	43.7	1.35	16.2	3.3	6.5	Y
12-Feb	23:00	1.38	9.0	7.67	12.79	7,946	17,253	25,199	94.2	130.0	2.38	27.3	1.27	16.8	7.77	40	33.6	42.7	1.29	16.6	3.7	7.3	Y
13-Feb	23:00	1.44	8.7	7.50	13.56	18,533	8,625	27,158	57.1	82.3	1.56	26.4	1.27	16.8	7.68	40	33.6	42.7	1.33	16.0	2.9	5.8	Y
14-Feb	0:00	1.45	8.6	7.54	13.05	16,775	8,610	25,385	59.9	86.8	1.61	27.0	1.29	16.8	7.66	40	33.6	43.3	1.36	15.9	3.0	5.9	Y
15-Feb	23:00	1.38	7.6	7.35	13.64	16,061	8,568	24,629	65.0	89.6	1.68	26.7	1.26	16.2	7.55	40	33.6	42.3	1.33	15.9	3.0	6.0	Y
16-Feb	0:00	1.42	7.7	7.42	13.58	16,090	8,582	24,672	64.6	91.7	1.68	27.3	1.23	16.2	7.59	45	29.9	36.7	1.14	16.1	2.8	5.6	Y
17-Feb	19:00	1.45	7.7	7.57	13.94	14,943	8,551	23,494	70.5	102.3	1.77	28.9	1.37	15.6	7.78	40	33.6	46.0	1.26	18.2	3.0	6.1	Y
18-Feb	12:00	1.39	8.0	7.53	14.03	16,045	8,576	24,621	66.9	92.9	1.67	27.8	1.32	16.1	7.82	40	33.6	44.4	1.25	17.8	2.9	5.8	Y
19-Feb	19:00	1.35	8.9	7.51	14.04	16,222	8,483	24,705	66.4	89.6	1.74	25.8	1.26	16.5	7.78	40	33.6	42.3	1.25	16.9	3.0	6.0	Y
20-Feb	21:00	1.46	9.7	7.48	13.71	22,782	8,803	31,585	48.2	70.4	1.44	24.5	1.28	16.5	7.85	41	32.8	42.0	1.20	17.4	2.6	5.3	Y
21-Feb	6:00	1.43	9.5	7.58	13.26	14,376	17,581	31,957	60.6	86.7	1.69	25.7	1.25	16.2	7.84	43	31.3	39.1	1.11	17.7	2.8	5.6	Y
22-Feb	23:00	1.25	10.0	7.46	12.92	15,667	8,612	24,279	62.8	78.5	1.68	23.3	1.36	16.0	7.81	41	32.8	44.6	1.24	17.9	2.9	5.9	Y
23-Feb	20:00	1.28	9.7	7.59	13.59	10,532	17,464	27,996	79.7	102.0	2.04	25.0	1.34	14.5	7.87	40	33.6	45.0	1.11	20.2	3.2	6.3	Y
24-Feb	0:00	1.32	9.3	7.45	13.00	8,939	17,374	26,313	87.0	114.9	2.34	24.5	1.32	16.1	7.83	41	32.8	43.3	1.21	17.9	3.6	7.1	Y
25-Feb	20:00	1.34	9.1	7.58	13.05	8,670	17,325	25,995	89.6	120.0	2.30	26.1	1.15	15.8	7.83	41	32.8	37.7	1.06	17.9	3.4	6.7	Y
26-Feb	23:00	1.43	8.7	7.57	12.99	7,620	17,307	24,927	98.9	141.4	2.62	27.0	1.26	16.6	7.86	41	32.8	41.3	1.19	17.3	3.8	7.6	Y
27-Feb	5:00	1.38	8.2	7.61	13.11	8,342	17,302	25,644	92.8	128.1	2.27	28.2	1.26	14.6	7.88	41	32.8	41.3	1.04	20.0	3.3	6.6	Y
28-Feb	23:00	1.51	9.3	7.61	13.57	21,191	8,611	29,802	51.0	77.0	1.45	26.5	1.27	14.8	7.77	41	32.8	41.6	1.10	18.9	2.5	5.1	Y
29-Feb	2:00	1.39	9.6	7.67	13.64	21,319	8,601	29,920	51.0	70.9	1.35	26.2	1.24	13.8	7.79	41	32.8	40.6	1.00	20.3	2.4	4.7	Y