


OHA - Drinking Water Program - Turbidity Monitoring Report Form							County: Washington
Conventional							Mo/Yr: May-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-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
2-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3-May	0.02	0.02	Plant Off	Plant off	0.02	0.03	0.03
4-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6-May	0.02	0.03	0.02	0.02	0.02	0.02	0.03
7-May	0.02	0.03	0.03	0.02	0.02	0.02	0.03
8-May	0.03	0.02	0.02	0.02	0.02	0.02	0.03
9-May	0.02	0.02	0.02	0.02	0.02	0.02	0.03
10-May	0.02	0.02	0.02	0.02	0.03	0.02	0.03
11-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
12-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
13-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
14-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16-May	0.02	0.02	Plant Off	Plant off	0.02	0.02	0.02
17-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
18-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
21-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
22-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24-May	0.02	0.02	0.02	0.02	0.03	0.02	0.03
25-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
26-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
27-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
28-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
31-May	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: Zac Bertz SIGNATURE:  <small>Digitally signed by Zac Bertz, DN: cn=Zac Bertz, ou=Users, ou=Water, ou=COH, DC=w2, DC=wa, DC=oregon, DC=us Reason: I attest to the accuracy and integrity of this document. Contact info: (503) 758-4446 Date: 2023.06.01 09:22:18-0700</small>		DATE: 6/1/2023	
				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) C12 Residual	Celsius	FWPS 1 (CT)	Clearwell Level (ft)	FWPS 1 Flow	FWPS 2 Flow	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	Ops Building Temp	Ops Building pH	Ops Building Potable Flow	Ops Building Pipe Detention Time (1,344 gal)	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
		(mg/L) "C"		(gpm)		(gpm)	(mg/L) "C"						Celsius	pH	(gpm)	(minutes) "T"	(mg/L) "C"	Celsius	pH	(gpm)	(minutes) "T"	C x T	(equation)
1-May	4:00	1.31	12.3	7.63	13.64	16,315	8,439	24,754	64.3	84.2	1.97	21.4	1.17	16.3	7.82	43	31.3	36.6	1.06	17.3	3.0	6.1	Y
2-May	17:00	1.26	12.4	7.78	13.05	14,008	8,441	22,449	69.9	88.0	1.97	22.3	1.13	15.5	7.86	43	31.3	35.3	0.96	18.4	2.9	5.9	Y
3-May	21:00	1.25	13.4	7.44	13.52	25,278	8,550	33,828	43.6	54.5	1.49	18.3	1.12	17.0	7.54	43	31.3	35.0	1.19	14.8	2.7	5.3	Y
4-May	19:00	1.34	12.4	7.71	13.83	21,356	8,483	29,839	51.7	69.3	1.58	21.9	1.25	16.1	7.87	43	31.3	39.1	1.09	18.0	2.7	5.3	Y
5-May	1:00	1.31	11.6	7.52	12.99	14,405	8,488	22,893	67.9	88.9	2.06	21.6	1.33	15.6	7.84	43	31.3	41.6	1.12	18.5	3.2	6.4	Y
6-May	7:00	1.34	11.7	7.60	13.06	14,146	8,455	22,601	69.3	92.9	2.10	22.1	1.18	15.6	7.65	43	31.3	36.9	1.09	17.0	3.2	6.4	Y
7-May	23:00	1.39	12.5	7.77	13.00	21,091	8,508	29,599	49.1	68.3	1.53	22.3	1.18	16.2	7.79	43	31.3	36.9	1.07	17.2	2.6	5.2	Y
8-May	3:00	1.41	12.3	7.55	13.00	14,212	8,470	22,682	68.7	96.9	2.30	21.1	1.22	16.1	7.69	43	31.3	38.1	1.14	16.8	3.4	6.9	Y
9-May	23:00	1.30	12.6	7.52	13.59	15,571	8,574	24,145	66.4	86.3	2.15	20.0	1.11	16.3	7.66	43	31.3	34.7	1.07	16.2	3.2	6.5	Y
10-May	3:00	1.30	12.2	7.46	13.34	14,935	8,543	23,478	67.6	87.8	2.16	20.3	1.10	16.2	7.71	43	31.3	34.4	1.04	16.5	3.2	6.4	Y
11-May	22:00	1.30	14.4	7.67	13.55	17,571	8,572	26,143	59.8	77.7	2.07	18.8	1.26	16.9	7.76	43	31.3	39.4	1.20	16.4	3.3	6.5	Y
12-May	23:00	1.25	15.6	7.68	13.38	20,928	8,544	29,472	50.9	63.6	1.84	17.3	1.24	18.6	7.71	43	31.3	38.8	1.35	14.3	3.2	6.4	Y
13-May	0:00	1.17	15.4	7.68	13.35	20,896	8,563	29,459	50.8	59.4	1.71	17.4	1.24	18.4	7.78	43	31.3	38.8	1.30	14.9	3.0	6.0	Y
14-May	11:00	1.25	17.3	7.73	13.52	24,795	8,538	33,333	44.4	55.5	1.76	15.8	1.28	19.2	7.80	43	31.3	40.0	1.40	14.3	3.2	6.3	Y
15-May	10:00	1.21	17.8	7.53	14.08	24,783	8,458	33,241	46.3	56.0	1.99	14.1	1.25	19.1	7.75	43	31.3	39.1	1.39	14.1	3.4	6.8	Y
16-May	22:00	1.29	18.2	7.47	13.52	15,905	17,215	33,120	57.2	73.8	2.73	13.5	1.23	20.5	7.64	43	31.3	38.4	1.57	12.3	4.3	8.6	Y
17-May	4:00	1.29	17.9	7.53	13.82	18,718	17,179	35,897	51.3	66.2	2.34	14.1	1.22	20.2	7.63	43	31.3	38.1	1.53	12.5	3.9	7.7	Y
18-May	22:00	1.24	19.3	7.56	13.24	18,775	17,084	35,859	49.1	60.9	2.36	12.9	1.18	21.0	7.63	43	31.3	36.9	1.57	11.8	3.9	7.8	Y
19-May	23:00	1.37	19.1	7.74	13.01	17,366	17,170	34,536	51.3	70.3	2.47	14.2	1.24	20.9	7.71	43	31.3	38.8	1.58	12.3	4.1	8.1	Y
20-May	0:00	1.32	18.9	7.75	13.08	17,545	17,154	34,699	51.2	67.6	2.35	14.4	1.23	21.2	7.75	43	31.3	38.4	1.58	12.2	3.9	7.9	Y
21-May	20:00	1.35	17.7	7.72	13.29	19,709	8,509	28,218	53.2	71.9	2.32	15.5	1.28	20.1	7.76	43	31.3	40.0	1.51	13.3	3.8	7.7	Y
22-May	23:00	1.32	15.0	7.58	13.13	21,916	8,520	30,436	48.0	63.3	1.81	17.5	1.25	18.5	7.81	43	31.3	39.1	1.30	15.0	3.1	6.2	Y
23-May	6:00	1.36	14.0	7.56	13.02	15,819	17,205	33,024	55.4	75.3	2.02	18.7	1.27	17.6	7.78	43	31.3	39.7	1.26	15.8	3.3	6.6	Y
24-May	11:00	1.26	14.0	7.61	13.06	19,068	17,158	36,226	47.8	60.2	1.60	18.8	1.28	16.4	7.76	43	31.3	40.0	1.18	17.0	2.8	5.6	Y
25-May	15:00	1.19	15.7	7.77	13.72	19,643	8,541	28,184	55.1	65.6	1.86	17.7	1.30	18.2	7.84	43	31.3	40.6	1.31	15.5	3.2	6.3	Y
26-May	20:00	1.16	17.3	7.69	13.19	21,015	8,592	29,607	49.9	57.9	1.88	15.4	1.24	19.4	7.72	43	31.3	38.8	1.42	13.6	3.3	6.6	Y
27-May	5:00	1.34	15.7	7.42	13.66	21,273	8,603	29,876	51.2	68.6	2.17	15.8	1.41	19.4	7.62	43	31.3	44.1	1.65	13.4	3.8	7.6	Y
28-May	4:00	1.32	15.1	7.66	13.53	17,428	8,602	26,030	60.1	79.3	2.21	17.9	1.34	18.8	7.81	43	31.3	41.9	1.41	14.8	3.6	7.3	Y
29-May	23:00	1.24	15.2	7.55	13.34	21,069	8,490	29,559	50.5	62.6	1.85	16.9	1.30	18.8	7.69	43	31.3	40.6	1.44	14.1	3.3	6.6	Y
30-May	7:00	1.28	14.3	7.51	13.40	21,149	8,514	29,663	50.5	64.7	1.82	17.8	1.31	17.8	7.66	43	31.3	40.9	1.37	15.0	3.2	6.4	Y
31-May	23:00	1.24	13.7	7.63	12.99	22,849	8,538	31,387	45.8	56.8	1.47	19.3	1.31	17.6	7.80	43	31.3	40.9	1.28	16.0	2.8	5.5	Y