

DATE	Combined Filter Effluent						HIGHEST READING <sup>1</sup> (NTU)
	0:00 (NTU)	4:00 (NTU)	8:00 (NTU)	12:00 (NTU)	16:00 (NTU)	20:00 (NTU)	
1-Mar	0.03	0.03	0.03	0.03	0.03	0.06	0.06
2-Mar	0.04	0.03	0.03	0.03	0.03	0.03	0.04
3-Mar	0.03	0.02	0.03	0.03	0.04	0.03	0.04
4-Mar	0.03	0.03	0.03	0.03	0.04	0.05	0.05
5-Mar	0.04	0.03	0.03	0.03	0.04	0.03	0.04
6-Mar	0.03	0.03	0.03	0.03	0.03	0.04	0.04
7-Mar	0.03	0.03	0.04	0.03	0.03	0.03	0.04
8-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
9-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
10-Mar	0.03	0.04	0.04	0.06	0.07	0.12	0.13
11-Mar	0.10	0.07	0.06	0.04	0.04	0.04	0.10
12-Mar	0.05	0.04	0.04	0.04	0.04	0.03	0.05
13-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
14-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17-Mar	0.03	0.04	0.03	0.03	0.03	0.03	0.04
18-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19-Mar	0.03	0.03	0.02	0.02	0.03	0.03	0.04
20-Mar	0.03	0.03	0.02	0.02	0.02	0.03	0.03
21-Mar	0.02	0.02	0.02	0.02	0.02	0.02	0.03
22-Mar	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23-Mar	0.02	0.02	0.02	0.02	0.02	0.02	0.03
24-Mar	0.02	0.02	0.03	0.02	0.03	0.03	0.03
25-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
26-Mar	0.03	0.03	0.04	0.03	0.03	0.03	0.04
27-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29-Mar	0.03	0.03	shutdown	shutdown	shutdown	0.03	0.03
30-Mar	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	0.03	0.03	0.03	0.03	0.02	0.03	0.04

4/11/2023

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

PRINTED NAME: <b>Zac Bertz</b>	<small>Digitally signed by Zac Bertz DN: cn=Zac Bertz, ou=Users, ou=Water, ou=COH, dc=wa, dc=dc, dc=hillaboro, dc=cor, dc=us Reason: I attest to the accuracy and integrity of this document Contact info: 503-758-4446 http://www.oregon.gov/oha/ohw/</small>	DATE: <b>4/11/2023</b>
SIGNATURE: <b>Zac Bertz</b>		
PHONE #: (503) 758-4446	CERT#: <b>T08022</b>	

<sup>1</sup> Highest 2 hour reading, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. <sup>2</sup> 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		FWPS 1 (CT)	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
		(mg/L) ""C""	Celsius																				
1-Mar	0:00	1.32	6.4	7.57	12.93	17152	8519	25671	58.3	77.0	1.24	31.1	1.10	17.5	7.57	42	32.0	35.2	1.22	14.4	2.5	4.9	Y
2-Mar	2:00	1.36	6.8	7.65	13.59	16286	7891	24177	64.8	88.1	1.41	31.3	1.18	18.2	7.80	42	32.0	37.8	1.25	15.1	2.7	5.3	Y
3-Mar	9:00	1.35	7.5	7.88	13.43	13991	8474	22465	71.9	97.1	1.50	32.5	1.22	15.5	7.87	42	32.0	39.0	1.05	18.6	2.5	5.1	Y
4-Mar	23:00	1.34	7.3	7.51	13.52	16080	8477	24557	64.4	86.3	1.50	28.7	1.20	16.6	7.74	42	32.0	38.4	1.17	16.5	2.7	5.3	Y
5-Mar	9:00	1.35	7.4	7.56	13.49	15970	8485	24455	64.6	87.3	1.50	29.1	1.21	14.0	7.74	42	32.0	38.7	0.99	19.6	2.5	5.0	Y
6-Mar	20:00	1.37	8.3	7.57	14.10	18777	8477	27254	58.9	80.7	1.46	27.5	1.14	15.7	7.85	42	32.0	36.5	1.01	18.1	2.5	4.9	Y
7-Mar	10:00	1.34	8.6	7.63	13.84	19259	8459	27718	56.6	75.8	1.38	27.5	1.13	14.2	7.76	42	32.0	36.2	0.94	19.3	2.3	4.6	Y
8-Mar	6:00	1.26	8.1	7.59	13.93	15556	8502	24058	68.2	86.0	1.55	27.8	1.07	18.5	7.79	41	32.8	35.1	1.20	14.6	2.8	5.5	Y
9-Mar	0:00	1.36	8.0	7.53	13.04	12021	8477	20498	79.2	107.7	1.95	27.7	1.31	18.6	7.67	42	32.0	41.9	1.47	14.2	3.4	6.8	Y
10-Mar	11:00	1.31	8.0	7.61	13.94	18129	8579	26708	59.9	78.5	1.39	28.3	1.13	18.5	7.71	41	32.8	37.0	1.30	14.2	2.7	5.4	Y
11-Mar	20:00	1.39	8.9	7.67	13.04	18548	8536	27084	55.0	76.4	1.39	27.5	1.16	18.2	7.73	41	32.8	38.0	1.29	14.7	2.7	5.4	Y
12-Mar	19:00	1.38	8.7	7.54	13.37	19712	8483	28195	53.6	73.9	1.39	26.6	1.15	19.2	7.66	41	32.8	37.7	1.41	13.4	2.8	5.6	Y
13-Mar	0:00	1.43	8.7	7.49	12.93	15087	8456	23543	65.0	93.0	1.77	26.2	1.15	18.1	7.60	41	32.8	37.7	1.34	14.1	3.1	6.2	Y
14-Mar	9:00	1.37	8.7	7.48	13.13	17076	8489	25565	59.5	81.5	1.57	26.0	1.23	16.3	7.70	42	32.0	39.4	1.18	16.6	2.8	5.5	Y
15-Mar	21:00	1.39	8.9	7.59	13.52	16495	8532	25027	63.0	87.6	1.64	26.7	1.12	20.3	7.59	41	32.8	36.7	1.52	12.1	3.2	6.3	Y
16-Mar	22:00	1.33	9.2	7.55	13.68	17889	8511	26400	59.5	79.2	1.54	25.6	1.03	19.5	7.55	41	32.8	33.8	1.36	12.4	2.9	5.8	Y
17-Mar	20:00	1.42	9.6	7.69	13.65	20915	8500	29415	52.0	73.8	1.39	26.5	1.29	17.2	7.63	41	32.8	42.3	1.38	15.4	2.8	5.5	Y
18-Mar	18:00	1.34	10.1	7.67	14.31	19513	8474	27987	57.8	77.5	1.54	25.2	1.15	18.5	7.66	42	32.0	36.8	1.31	14.0	2.9	5.7	Y
19-Mar	22:00	1.35	10.2	7.67	13.98	20424	8523	28947	54.3	73.3	1.46	25.1	1.14	19.0	7.66	42	32.0	36.5	1.35	13.5	2.8	5.6	Y
20-Mar	3:00	1.37	10.1	7.67	13.52	18839	8484	27323	56.3	77.2	1.52	25.3	1.16	19.0	7.65	42	32.0	37.1	1.37	13.5	2.9	5.8	Y
21-Mar	22:00	1.34	9.6	7.65	13.58	14140	8514	22654	72.0	96.5	1.86	25.9	1.29	14.9	7.76	42	32.0	41.3	1.10	18.8	3.0	5.9	Y
22-Mar	20:00	1.31	9.8	7.56	13.51	14287	8505	22792	71.0	93.1	1.89	24.6	1.12	17.6	7.57	42	32.0	35.8	1.25	14.3	3.1	6.3	Y
23-Mar	21:00	1.33	9.4	7.60	13.29	12391	8548	20939	78.6	104.5	2.03	25.7	1.20	16.5	7.76	42	32.0	38.4	1.15	16.7	3.2	6.4	Y
24-Mar	20:00	1.25	8.6	7.65	13.49	14181	8597	22778	71.3	89.1	1.63	27.4	1.14	18.7	7.66	41	32.8	37.4	1.35	13.8	3.0	6.0	Y
25-Mar	23:00	1.27	8.0	7.60	13.28	9912	17346	27258	81.9	104.0	1.85	28.1	1.02	19.3	7.57	41	32.8	33.4	1.32	12.7	3.2	6.3	Y
26-Mar	14:00	1.32	8.4	7.75	14.06	13385	17279	30664	68.3	90.1	1.55	29.0	1.16	18.4	7.67	41	32.8	38.0	1.34	14.2	2.9	5.8	Y
27-Mar	22:00	1.29	9.2	7.71	13.42	17677	17347	35024	52.1	67.2	1.24	27.0	0.99	19.8	7.63	42	32.0	31.7	1.27	12.5	2.5	5.0	Y
28-Mar	23:00	1.42	9.0	7.47	13.80	17196	8511	25707	62.1	88.2	1.73	25.5	1.25	18.7	7.61	42	32.0	40.0	1.46	13.7	3.2	6.4	Y
29-Mar	23:00	1.32	9.4	7.69	13.44	20317	8646	28963	52.3	69.1	1.30	26.5	1.14	18.6	7.64	42	32.0	36.5	1.32	13.8	2.6	5.2	Y
30-Mar	18:00	1.33	9.8	7.63	13.11	18985	8561	27546	54.2	72.1	1.42	25.3	1.20	15.1	7.67	42	32.0	38.4	1.08	17.7	2.5	5.0	Y
31-Mar	19:00	1.36	9.9	7.90	13.63	14331	8559	22890	71.4	45027.0	1.75	27.8	1.19	16.3	7.77	42	32.0	38.1	1.12	17.0	2.9	5.7	Y

Notes: