

OHA - Drinking Water Program - Turbidity Monitoring Report Form **County: Washington**

Conventional

Mo/Yr: Oct-22

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-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
2-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3-Oct	0.02	0.02	0.02	0.01	0.01	0.02	0.02
4-Oct	0.02	0.02	0.01	0.02	0.02	0.02	0.02
5-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
7-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
8-Oct	0.02	0.01	0.02	0.01	0.02	0.01	0.02
9-Oct	0.01	0.02	0.02	0.02	0.02	0.02	0.02
10-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
11-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
12-Oct	0.02	0.02	0.02	Plant Off	0.02	0.02	0.02
13-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
14-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17-Oct	0.02	0.02	0.02	Plant Off	0.02	0.02	0.02
18-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19-Oct	0.05	0.02	0.02	0.02	0.02	0.02	0.05
20-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
21-Oct	0.02	0.02	0.03	0.03	0.03	0.04	0.04
22-Oct	0.04	0.04	0.05	0.06	0.04	0.04	0.06
23-Oct	0.04	0.04	0.04	0.03	0.03	0.03	0.04
24-Oct	0.03	0.03	0.03	0.03	0.04	0.03	0.04
25-Oct	0.03	0.04	0.04	0.04	0.04	0.03	0.04
26-Oct	0.04	0.04	0.04	0.04	0.03	0.02	0.05
27-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
28-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30-Oct	0.02	0.02	0.02	0.02	0.02	0.02	0.02
31-Oct	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 daily turbidity readings ≤ 1 NTU?	Yes	All Cl2 residual at entry point ≥ 0.2 mg/l?
All turbidity readings < IFE ² triggers	Yes	Yes

Notes:	PRINTED NAME: Zac Bertz	DATE: 11/2/2022
	SIGNATURE: 	<small>Digitally signed by Zac Bertz DN: cn=Zac Bertz, ou=Users, ou=Water, ou=COH DC=WZK, DC=rd, DC=hillboro, DC=or, DC=us Reason: I am approving this document Contact Info: 503-758-4446 Date: 2022.11.02 09:35:16-07'00'</small>
	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) Cl2 Residual	Celsius	FWPS 1 (CT)	Clearwell Level	FWPS 1 Flow	FWPS 2 Flow	Combined FWPS Flow	Clearwell Detention Time (T10)	Clearwell CT Achieved (mg*min/L)	Clearwell Segment Giardia Log Inactivation	Clearwell Required CT (mg*min/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 (mg*min/L)	Ops Bldg Giardia Log Inactivation	Ops Bldg Required CT (mg*min/L)	Total Log Inactivation	Total Inactivation Ratio	Required CT Achieved?
		(mg/L) "C"		(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	ΣCTa/CTr	Y/N	
1-Oct	1:00	1.25	16.1	7.69	13.68	10123	19972	30095	80.6	100.8	3.0	16.8	1.11	19.1	7.68	44	30.5	33.9	1.3	13.5	4.3	8.5	Y
2-Oct	3:00	1.31	16.5	7.69	13.76	10524	19722	30246	78.8	103.2	3.1	16.5	1.16	19.8	7.61	44	30.5	35.4	1.4	12.6	4.5	9.1	Y
3-Oct	9:00	1.27	16.6	7.73	13.72	10271	19657	29928	80.2	101.8	3.1	16.5	1.18	18.3	7.67	48	28.0	33.0	1.2	14.3	4.2	8.5	Y
4-Oct	12:00	1.23	16.5	7.78	14.08	11360	19687	31047	75.9	93.3	2.8	16.9	1.17	18.3	7.71	44	30.5	35.7	1.2	14.5	4.0	8.0	Y
5-Oct	20:00	1.12	16.9	7.88	13.54	10474	19830	30304	77.8	87.1	2.6	16.9	1.12	19.5	7.71	44	30.5	34.2	1.3	13.3	3.9	7.7	Y
6-Oct	0:00	1.14	16.6	7.82	13.12	10201	19824	30025	77.0	87.7	2.6	16.9	1.14	19.6	7.71	44	30.5	34.8	1.3	13.2	3.9	7.8	Y
7-Oct	15:00	0.88	16.8	7.65	13.63	8684	20035	28719	90.8	79.9	2.6	15.2	1.14	19.9	7.61	44	30.5	34.8	1.4	12.5	4.0	8.1	Y
8-Oct	21:00	0.95	17.1	7.66	13.03	8656	19823	28479	87.2	82.8	2.8	15.0	1.11	20.0	7.54	44	30.5	33.9	1.4	12.1	4.2	8.3	Y
9-Oct	18:00	0.88	17.4	7.74	13.74	8582	19876	28458	92.5	81.4	2.7	15.1	1.13	20.1	7.63	44	30.5	34.5	1.4	12.4	4.1	8.2	Y
10-Oct	1:00	0.88	17.0	7.79	13.97	10296	19733	30029	81.4	71.6	2.3	15.8	1.10	19.9	7.65	44	30.5	33.6	1.3	12.6	3.6	7.2	Y
11-Oct	23:00	0.97	16.9	7.80	14.05	10625	19668	30293	79.9	77.5	2.4	16.1	1.08	20.8	7.67	44	30.5	33.0	1.4	12.0	3.8	7.6	Y
12-Oct	6:00	0.99	16.3	7.82	13.17	10178	19530	29708	77.6	76.8	2.3	16.9	1.10	19.6	7.63	44	30.5	33.6	1.3	12.8	3.6	7.2	Y
13-Oct	9:00	1.34	16.0	7.74	14.22	10275	19615	29890	83.1	111.4	3.2	17.4	1.15	19.4	7.66	44	30.5	35.1	1.3	13.2	4.5	9.1	Y
14-Oct	20:00	1.13	16.9	7.91	13.57	21833	10635	32468	48.2	54.5	1.6	17.1	1.05	20.2	7.65	44	30.5	32.1	1.3	12.3	2.9	5.8	Y
15-Oct	9:00	1.19	16.8	7.71	13.83	21693	10424	32117	49.6	59.0	1.8	16.1	1.00	20.0	7.57	44	30.5	30.5	1.3	12.0	3.1	6.2	Y
16-Oct	3:00	1.20	17.2	7.65	13.78	18449	10558	29007	56.5	67.8	2.2	15.3	0.98	20.4	7.56	44	30.5	29.9	1.3	11.7	3.5	7.0	Y
17-Oct	7:00	1.19	17.1	7.65	13.62	17259	10423	27682	59.1	70.4	2.3	15.4	1.19	19.7	7.55	44	30.5	36.3	1.5	12.5	3.7	7.5	Y
18-Oct	21:00	1.19	16.7	7.72	13.54	15908	10735	26643	62.6	74.5	2.3	16.2	1.06	20.5	7.45	44	30.5	32.4	1.4	11.2	3.7	7.5	Y
19-Oct	5:00	1.17	16.6	7.83	13.63	16402	10603	27005	61.6	72.0	2.1	17.0	1.17	19.3	7.60	44	30.5	35.7	1.4	13.0	3.5	7.0	Y
20-Oct	6:00	0.94	16.6	7.77	13.16	13715	10622	24337	68.9	64.7	2.0	16.2	1.11	19.6	7.64	44	30.5	33.9	1.3	12.9	3.3	6.6	Y
21-Oct	21:00	0.86	15.8	7.80	13.06	6061	20288	26349	116.3	100.0	2.9	17.1	1.15	19.9	7.63	44	30.5	35.1	1.4	12.6	4.3	8.6	Y
22-Oct	20:00	0.89	15.3	7.71	13.09	6308	20329	26637	112.8	100.4	2.9	17.2	1.06	19.2	7.50	44	30.5	32.4	1.3	12.5	4.2	8.5	Y
23-Oct	5:00	0.98	14.8	7.74	13.12	6343	20203	26546	112.7	110.4	3.0	18.1	1.19	19.0	7.54	44	30.5	36.3	1.4	13.0	4.4	8.9	Y
24-Oct	20:00	1.00	14.7	7.85	13.24	14925	11213	26138	64.0	64.0	1.7	19.0	1.07	19.1	7.57	44	30.5	32.7	1.3	12.9	2.9	5.9	Y
25-Oct	2:00	1.05	14.5	7.76	12.90	14645	11072	25717	63.5	66.7	1.8	18.8	1.08	18.5	7.57	44	30.5	33.0	1.2	13.4	3.0	6.0	Y
26-Oct	1:00	1.26	13.4	7.84	13.11	14210	11462	25672	65.7	82.8	1.9	21.3	1.06	20.2	7.53	43	31.3	33.1	1.4	11.8	3.4	6.7	Y
27-Oct	11:00	1.31	12.2	7.69	14.02	13658	11597	25255	72.4	94.9	2.2	22.0	1.15	17.2	7.52	43	31.3	35.9	1.2	14.5	3.4	6.8	Y
28-Oct	8:00	1.39	12.4	7.71	13.69	15570	11826	27396	63.3	88.0	2.0	22.1	1.26	17.4	7.51	43	31.3	39.4	1.4	14.4	3.4	6.7	Y
29-Oct	12:00	1.41	12.9	7.77	13.64	14765	11857	26621	65.9	92.9	2.1	21.8	1.19	18.1	7.44	43	31.3	37.2	1.4	13.3	3.5	7.0	Y
30-Oct	4:00	1.44	13.4	7.70	13.63	15434	11823	27257	63.5	91.4	2.2	20.6	1.19	17.7	7.50	43	31.3	37.2	1.3	14.0	3.5	7.1	Y
31-Oct	11:00	1.35	14.4	7.70	13.57	15426	11817	27243	63.3	85.4	2.2	19.1	1.11	18.3	7.49	43	31.3	34.7	1.3	13.3	3.5	7.1	Y