

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

Conventional

Mo/Yr: January-2023

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-Jan	0.04	0.04	0.04	0.04	0.04	0.04	0.05
2-Jan	0.04	0.04	0.04	0.04	0.03	0.04	0.04
3-Jan	0.04	0.04	0.04	0.03	0.04	0.04	0.04
4-Jan	0.03	0.04	0.03	0.03	0.04	0.04	0.04
5-Jan	0.04	0.04	0.04	0.04	0.04	0.04	0.04
6-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.04
7-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8-Jan	0.03	0.03	0.03	0.03	0.03	0.04	0.04
9-Jan	0.04	0.04	0.04	0.03	0.03	0.03	0.04
10-Jan	0.03	0.04	0.03	0.03	0.03	0.03	0.04
11-Jan	0.03	0.04	Plant off	0.03	0.03	0.06	0.07
12-Jan	0.03	0.03	0.04	0.04	0.04	0.04	0.04
13-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
14-Jan	0.03	0.04	0.03	0.03	0.03	0.03	0.04
15-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.04
16-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17-Jan	0.03	0.03	0.03	0.04	0.03	0.03	0.04
18-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.06
20-Jan	0.03	0.03	0.03	0.05	0.03	0.03	0.05
21-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
24-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25-Jan	0.04	0.03	0.03	0.03	0.03	0.04	0.04
26-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
27-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30-Jan	0.03	0.03	0.03	0.03	0.03	0.03	0.04
31-Jan	0.03	0.04	0.03	0.04	0.04	0.04	0.05

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

Notes: Plant off= WTP offline for maintenance work.	PRINTED NAME: Zac Bertz	DATE: 2/6/2023
	SIGNATURE: Zac Bertz	
PHONE #: (503) 758-4446	CERT#: T08022	

Digitally signed by Zac Bertz
DN: cn=Zac Bertz, ou=Users, ou=Water, ou=COH, dc=wj
DC=co, DC=Hillsboro, DC=or, DC=us
Reason: I attest to the accuracy and integrity of this document
Contact info: 503-758-4446
Date: 2023.02.06 15:19:43-08'07'

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 (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	Ops Building Temp	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) equated CT	Total Log Inactivation Provided	Total Inactivation Ratio ΣCTa/CTr	Required CT Achieved? Y/N
		(mg/L) "C"		(mg/L)		(mg/L)	(mg/L)						(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)			
1-Jan	20:00	1.38	9.4	7.63	13.24	19,575	8,500	28,075	53.4	74	1.41	26	1.05	18.20	7.53	41	32.8	34	1.28	13	2.7	5.4	Y
2-Jan	2:00	1.39	9.1	7.72	12.93	18,744	8,500	27,244	54.1	75	1.36	28	1.17	17.30	7.59	41	32.8	38	1.29	15	2.7	5.3	Y
3-Jan	1:00	1.36	8.2	7.74	13.14	16,462	8,500	24,962	61.4	83	1.42	29	1.16	15.90	7.65	41	32.8	38	1.14	17	2.6	5.1	Y
4-Jan	22:00	1.35	8.0	7.76	13.55	17,650	8,500	26,150	59.6	81	1.34	30	1.16	17.10	7.68	41	32.8	38	1.23	16	2.6	5.1	Y
5-Jan	21:00	1.36	8.7	7.92	13.50	19,644	8,500	28,144	54.2	74	1.21	30	1.15	17.00	7.64	41	32.8	38	1.23	15	2.4	4.9	Y
6-Jan	1:00	1.41	8.9	7.72	13.43	19,808	8,500	28,308	53.6	76	1.35	28	1.23	17.30	7.68	41	32.8	40	1.31	15	2.7	5.3	Y
7-Jan	12:00	1.37	8.9	7.63	13.45	18,467	8,500	26,967	57.0	78	1.44	27	1.17	17.80	7.64	41	32.8	38	1.31	15	2.8	5.5	Y
8-Jan	23:00	1.37	9.2	7.60	13.39	17,291	8,500	25,791	60.0	82	1.57	26	1.21	17.20	7.64	41	32.8	40	1.30	15	2.9	5.7	Y
9-Jan	23:00	1.35	9.4	7.55	13.31	17,805	8,500	26,305	58.2	79	1.55	25	1.13	18.50	7.53	41	32.8	37	1.39	13	2.9	5.9	Y
10-Jan	23:00	1.41	9.2	7.64	13.53	18,945	8,500	27,445	56.1	79	1.48	27	1.24	17.40	7.52	41	32.8	41	1.41	14	2.9	5.8	Y
11-Jan	12:00	1.44	9.0	7.32	12.86	19,447	8,500	27,947	52.1	75	1.55	24	1.22	15.20	7.67	41	32.8	40	1.13	18	2.7	5.4	Y
12-Jan	4:00	1.32	9.4	7.79	13.09	19,310	8,500	27,810	53.4	70	1.28	28	1.20	18.80	7.75	41	32.8	39	1.38	14	2.7	5.3	Y
13-Jan	2:00	1.33	9.8	7.57	13.32	17,476	8,500	25,976	59.1	79	1.59	25	1.20	19.20	7.57	41	32.8	39	1.51	13	3.1	6.2	Y
14-Jan	10:00	1.33	10.5	7.60	13.54	17,606	8,500	26,106	59.7	79	1.66	24	1.15	19.40	7.59	41	32.8	38	1.47	13	3.1	6.3	Y
15-Jan	0:00	1.33	10.4	7.70	12.93	17,409	8,500	25,909	57.6	77	1.54	25	1.19	18.20	7.62	41	32.8	39	1.38	14	2.9	5.8	Y
16-Jan	22:00	1.29	9.7	7.62	13.40	17,739	8,500	26,239	58.7	76	1.50	25	1.20	14.90	7.66	41	32.8	39	1.10	18	2.6	5.2	Y
17-Jan	17:00	1.28	9.8	7.74	13.42	19,872	8,500	28,372	53.4	68	1.30	26	1.24	13.70	7.90	41	32.8	41	0.95	21	2.3	4.5	Y
18-Jan	10:00	1.29	9.7	7.73	13.30	19,708	8,500	28,208	53.3	69	1.31	26	1.21	16.40	7.67	41	32.8	40	1.22	16	2.5	5.0	Y
19-Jan	8:00	1.31	9.4	7.77	13.69	26,322	8,500	34,822	42.7	56	1.02	27	1.28	15.80	7.72	41	32.8	42	1.21	17	2.2	4.5	Y
20-Jan	8:00	1.28	8.4	7.63	13.56	14,481	8,500	22,981	70.5	90	1.63	28	1.30	16.60	7.86	41	32.8	43	1.22	17	2.9	5.7	Y
21-Jan	11:00	1.32	8.1	7.65	14.07	16,487	8,500	24,987	65.6	87	1.52	29	1.35	16.00	7.72	41	32.8	44	1.28	17	2.8	5.6	Y
22-Jan	3:00	1.31	7.8	7.60	13.56	16,382	8,500	24,882	63.6	83	1.46	29	1.30	17.60	7.69	41	32.8	43	1.39	15	2.8	5.7	Y
23-Jan	12:00	1.28	7.9	7.62	13.46	15,518	8,500	24,018	66.1	85	1.48	29	1.26	17.60	7.65	41	32.8	41	1.38	15	2.9	5.7	Y
24-Jan	23:00	1.29	8.0	7.61	13.51	15,642	8,500	24,142	65.9	85	1.50	28	1.32	17.10	7.72	41	32.8	43	1.35	16	2.9	5.7	Y
25-Jan	18:00	1.29	8.0	7.61	13.62	19,153	8,500	27,653	55.9	72	1.27	28	1.27	16.81	7.66	41	32.5	41	1.30	16	2.6	5.2	Y
26-Jan	22:00	1.31	8.0	7.70	12.95	17,727	8,500	26,227	56.8	74	1.27	29	1.34	19.30	7.70	41	32.8	44	1.59	14	2.9	5.7	Y
27-Jan	19:00	1.28	8.8	7.72	13.20	19,994	8,500	28,494	52.2	67	1.20	28	1.06	19.70	7.69	41	32.8	35	1.34	13	2.5	5.1	Y
28-Jan	6:00	1.40	8.7	7.62	13.16	20,039	8,500	28,539	52.0	73	1.33	27	1.17	19.13	7.71	41	32.6	38	1.39	14	2.7	5.4	Y
29-Jan	17:00	1.31	7.2	7.68	13.30	18,168	8,500	26,668	57.1	75	1.22	31	1.16	18.60	7.78	41	32.8	38	1.31	15	2.5	5.1	Y
30-Jan	21:00	1.42	5.1	7.71	13.06	16,668	8,500	25,168	60.3	86	1.18	36	1.26	16.90	7.73	41	32.8	41	1.27	16	2.5	4.9	Y
31-Jan	21:00	1.42	5.0	7.68	13.91	16,059	8,500	24,559	66.3	94	1.30	36	1.25	17.20	7.71	41	32.8	41	1.30	16	2.6	5.2	Y