

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

Conventional

Mo/Yr: January-2022

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

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: 2/2/2022
	SIGNATURE: Zachary T Bertz	
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)	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 (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
		1-Jan		5:00		1.08	2.0		7.69	13.51	25,000	0	25,000	51.3	55	0.65	43	1.21	15.0	7.67	42	32.0	39
2-Jan	0:00	1.14	1.7	7.63	13.19	23,014	0	23,014	54.5	62	0.72	43	1.16	15.0	7.63	42	32.0	37	1.06	18	1.8	3.6	Y
3-Jan	1:00	0.96	2.6	7.72	13.50	21,159	0	21,159	60.6	58	0.71	41	1.17	15.5	7.58	43	31.3	37	1.10	17	1.8	3.6	Y
4-Jan	23:00	1.03	3.0	7.63	13.51	19,987	0	19,987	64.2	66	0.85	39	1.11	16.1	7.63	42	32.0	36	1.10	16	1.9	3.9	Y
5-Jan	13:00	1.10	3.0	7.73	13.96	19,824	0	19,824	66.9	74	0.91	41	1.03	14.2	7.71	42	32.0	33	0.88	19	1.8	3.6	Y
6-Jan	10:00	1.34	3.6	7.79	13.91	20,833	0	20,833	63.4	85	1.04	41	1.22	13.6	7.73	42	32.0	39	0.97	20	2.0	4.0	Y
7-Jan	8:00	1.18	4.7	7.78	14.06	20,182	0	20,182	66.2	78	1.05	37	1.08	15.9	7.69	42	32.0	35	1.03	17	2.1	4.2	Y
8-Jan	15:00	1.29	4.5	7.59	13.77	20,345	0	20,345	64.3	83	1.17	36	1.15	15.8	7.57	42	32.0	37	1.13	16	2.3	4.6	Y
9-Jan	14:00	1.31	4.3	7.82	14.51	20,150	0	20,150	68.4	90	1.14	39	1.20	16.5	7.75	42	32.0	38	1.15	17	2.3	4.6	Y
10-Jan	4:00	1.33	3.5	7.73	14.26	17,513	0	17,513	77.4	103	1.28	40	1.26	16.7	7.65	42	32.0	40	1.26	16	2.5	5.1	Y
11-Jan	0:00	1.37	3.5	7.82	14.60	17,513	0	17,513	79.2	109	1.30	42	1.28	16.4	7.74	42	32.0	41	1.22	17	2.5	5.0	Y
12-Jan	6:00	1.17	4.5	7.84	14.17	19,336	0	19,336	69.6	81	1.06	38	1.18	16.6	7.77	42	32.0	38	1.14	17	2.2	4.4	Y
13-Jan	0:00	1.15	4.7	7.73	13.65	9,668	9,017	18,685	97.8	113	1.55	36	1.33	16.6	7.68	42	32.0	43	1.30	16	2.8	5.7	Y
14-Jan	23:00	1.04	5.2	7.71	13.70	9,342	9,017	18,359	101.0	105	1.53	34	1.15	15.9	7.69	42	32.0	37	1.09	17	2.6	5.2	Y
15-Jan	23:00	1.11	4.4	7.70	13.61	13,672	8,984	22,656	73.6	82	1.12	37	1.24	15.7	7.51	42	32.0	40	1.23	16	2.3	4.7	Y
16-Jan	20:00	1.03	4.2	7.74	13.71	16,178	9,017	25,195	64.4	66	0.89	37	1.07	16.7	7.77	42	32.0	34	1.05	16	1.9	3.9	Y
17-Jan	10:00	1.13	4.2	7.81	13.80	14,811	9,017	23,828	69.7	79	1.02	39	1.11	13.6	7.80	42	32.0	36	0.87	20	1.9	3.8	Y
18-Jan	20:00	1.15	3.8	7.68	13.57	10,840	8,984	19,824	88.7	102	1.34	38	1.17	14.2	7.69	42	32.0	37	0.99	19	2.3	4.7	Y
19-Jan	0:00	1.21	3.7	7.68	13.18	10,645	8,854	19,499	87.7	106	1.38	39	1.23	16.0	7.64	43	31.3	38	1.16	17	2.5	5.1	Y
20-Jan	11:00	1.38	4.9	7.78	14.77	10,026	9,017	19,043	102.8	142	1.89	38	1.14	12.4	7.76	42	32.0	36	0.84	22	2.7	5.5	Y
21-Jan	21:00	1.28	5.2	7.51	14.58	11,523	8,854	20,377	90.9	116	1.77	33	1.10	16.3	7.53	42	32.0	35	1.14	15	2.9	5.8	Y
22-Jan	0:00	1.29	4.8	7.59	14.45	11,165	8,854	20,019	92.5	119	1.71	35	1.11	15.4	7.55	42	32.0	36	1.08	16	2.8	5.6	Y
23-Jan	0:00	1.18	3.9	7.59	14.11	10,352	8,659	19,011	96.4	114	1.55	37	1.09	17.0	7.46	42	32.0	35	1.22	14	2.8	5.6	Y
24-Jan	8:00	1.23	3.1	7.60	14.01	9,993	8,984	18,977	97.8	120	1.54	39	1.13	16.3	7.58	42	32.0	36	1.15	16	2.7	5.4	Y
25-Jan	11:00	1.17	3.1	7.75	14.64	9,342	8,984	18,326	108.0	126	1.54	41	1.09	12.9	7.78	42	32.0	35	0.83	21	2.4	4.7	Y
26-Jan	20:00	1.08	2.7	7.80	13.66	10,514	9,017	19,531	91.5	99	1.16	42	1.00	16.7	7.79	42	32.0	32	0.98	16	2.1	4.3	Y
27-Jan	0:00	1.06	2.6	7.83	13.41	8,171	9,017	17,188	110.1	117	1.35	43	1.12	15.0	7.67	42	32.0	36	1.01	18	2.4	4.7	Y
28-Jan	23:00	0.87	1.5	7.53	13.51	9,147	9,017	18,164	101.3	88	1.08	41	1.11	13.9	7.54	42	32.0	36	0.98	18	2.1	4.1	Y
29-Jan	12:00	1.01	1.5	7.63	14.43	9,180	9,017	18,197	107.9	109	1.27	43	1.12	16.7	7.68	42	32.0	36	1.13	16	2.4	4.8	Y
30-Jan	3:00	1.06	1.4	7.68	13.41	9,342	9,017	18,359	98.8	105	1.18	44	1.15	15.2	7.65	42	32.0	37	1.06	17	2.2	4.5	Y
31-Jan	20:00	1.05	6.7	7.68	13.56	9,342	8,822	18,164	100.4	105	1.71	31	1.07	15.8	7.86	42	32.0	34	0.96	18	2.7	5.3	Y