

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: **Washington**

Conventional

Mo/Yr: **May-21**

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	OFF	OFF	0.02	0.02	0.02
4-May	0.02	0.02	0.00	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	0.02	0.02	0.02	0.02	0.02	0.02
7-May	0.03	0.02	0.02	0.02	0.02	0.02	0.03
8-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
10-May	0.02	0.02	0.02	0.02	0.02	0.02	0.02
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	0.02	0.02	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	0.03	0.03	0.02	0.03	0.05	0.04	0.05
21-May	0.04	0.04	0.04	0.04	0.05	0.03	0.05
22-May	0.03	0.03	0.03	0.03	0.03	0.04	0.04
23-May	0.03	0.03	0.04	0.03	0.03	0.03	0.04
24-May	0.03	0.03	0.03	0.04	0.03	0.03	0.04
25-May	0.03	0.03	0.03	0.03	0.03	0.03	0.03
26-May	0.03	0.03	0.02	0.02	0.02	0.03	0.03
27-May	0.03	0.02	0.02	0.02	0.02	0.02	0.03
28-May	0.02	0.02	0.02	0.03	0.03	0.03	0.03
29-May	0.02	0.03	0.02	0.02	0.02	0.02	0.03
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) 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: OFF= WTP Offline for expansion or maintenance work.	PRINTED NAME: Zac Bertz	DATE: 6/1/2021
	SIGNATURE:	
	PHONE #: (503) 615-6671	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 = Indiv. 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 (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-May		2:00		1.14	13.1		7.68	14.10	12500	17500	30000	72.12	82.22	2.04	20.20	1.28	17.5	7.71	46.0	29.22	37.40
2-May	14:00	1.14	11.0	7.71	14.00	16950	8250	25200	64.07	73.04	1.55	23.54	1.38	16.2	7.68	46.0	29.22	40.32	1.19	16.89	2.75	5.49	Y
3-May	18:00	1.10	11.1	7.81	13.80	14700	18300	33000	61.46	67.61	1.40	24.12	0.97	17.3	7.43	45.0	29.87	28.97	1.06	13.65	2.46	4.93	Y
4-May	0:00	1.21	11.4	7.71	14.29	10100	18100	28200	86.05	104.12	2.25	23.10	1.04	17.2	7.71	45.0	29.87	31.06	1.01	15.37	3.26	6.53	Y
5-May	3:00	1.29	11.8	7.71	14.42	7161	17806	24967	114.81	148.11	3.26	22.71	1.13	18.5	7.65	46.0	29.22	33.02	1.19	13.93	4.45	8.89	Y
6-May	21:00	1.10	12.7	7.88	13.78	6999	17676	24675	111.92	123.12	2.77	22.22	1.09	18.0	7.97	46.0	29.22	31.85	0.99	16.14	3.76	7.51	Y
7-May	12:00	1.01	11.1	7.85	13.82	6999	17676	24675	112.25	113.37	2.34	24.21	1.07	17.2	7.82	46.0	29.22	31.26	0.97	16.07	3.31	6.63	Y
8-May	13:00	1.08	9.8	7.71	13.91	17659	8529	26188	61.17	66.07	1.30	25.32	1.09	17.2	7.75	46.0	29.22	31.85	1.01	15.69	2.32	4.64	Y
9-May	2:00	1.03	9.7	7.73	13.52	15999	8496	24495	64.68	66.62	1.30	25.53	1.12	17.3	7.73	46.0	29.22	32.72	1.05	15.52	2.36	4.72	Y
10-May	17:00	0.97	10.4	7.74	13.95	13151	8529	21680	78.55	76.20	1.57	24.28	1.16	14.9	7.71	46.0	29.22	33.89	0.93	18.16	2.50	5.00	Y
11-May	20:00	1.06	12.2	7.78	13.27	15332	8496	23828	65.79	69.74	1.58	22.08	1.22	18.4	7.73	46.0	29.22	35.65	1.22	14.59	2.80	5.60	Y
12-May	23:00	1.27	12.9	7.78	13.98	17334	8691	26025	62.28	79.10	1.84	21.55	1.28	18.9	7.77	46.0	29.22	37.40	1.30	14.42	3.13	6.26	Y
13-May	12:00	1.26	12.1	7.83	14.21	13672	17676	31348	67.53	85.09	1.84	23.14	1.21	18.1	7.79	48.0	28.00	33.88	1.11	15.20	2.95	5.90	Y
14-May	0:00	1.26	12.7	7.81	14.12	11654	17839	29493	76.07	95.85	2.17	22.05	1.26	18.5	7.75	46.0	29.22	36.81	1.25	14.67	3.43	6.86	Y
15-May	22:00	1.23	11.7	7.73	14.08	11507	17513	29020	76.92	94.61	2.07	22.86	1.17	18.2	7.74	46.0	29.22	34.18	1.16	14.76	3.23	6.45	Y
16-May	8:00	1.28	11.5	7.76	13.96	11344	17513	28857	77.13	98.73	2.10	23.55	1.20	17.8	7.74	46.0	29.22	35.06	1.15	15.21	3.25	6.50	Y
17-May	7:00	1.23	11.7	7.63	13.78	10335	17513	27848	82.01	100.87	2.29	22.07	1.15	18.1	7.69	46.0	29.22	33.60	1.15	14.55	3.44	6.88	Y
18-May	21:00	1.23	10.9	7.69	14.31	16992	8333	25325	65.25	80.26	1.69	23.77	1.15	17.4	7.70	46.0	29.22	33.60	1.10	15.30	2.79	5.57	Y
19-May	8:00	1.31	9.8	7.66	14.12	17008	8496	25504	64.15	84.03	1.65	25.54	1.24	15.8	7.70	46.0	29.22	36.23	1.05	17.20	2.70	5.40	Y
20-May	12:00	2.00	8.7	8.09	13.56	13509	17318	30827	65.33	130.66	1.88	34.82	1.31	14.7	7.63	46.0	29.22	38.27	1.05	18.18	2.93	5.86	Y
21-May	1:00	1.12	8.5	7.72	13.37	17334	8138	25472	60.16	67.38	1.21	27.86	1.12	16.3	7.68	46.0	29.22	32.72	1.00	16.29	2.21	4.43	Y
22-May	0:00	1.03	9.1	7.85	13.06	13005	8333	21338	74.52	76.76	1.38	27.75	1.17	17.4	7.50	45.0	29.87	34.94	1.23	14.24	2.61	5.22	Y
23-May	23:00	1.02	10.4	7.90	13.00	20329	0	20329	60.76	61.98	1.20	25.86	1.19	17.9	7.58	45.0	29.87	35.54	1.25	14.22	2.45	4.90	Y
24-May	20:00	0.98	10.1	7.77	12.41	19173	8333	27506	51.05	50.03	1.00	25.07	1.14	17.8	7.64	45.0	29.87	34.05	1.17	14.55	2.17	4.33	Y
25-May	22:00	1.05	10.6	7.67	13.96	10156	17643	27799	84.12	88.33	1.87	23.59	1.15	18.2	7.57	46.0	29.22	33.60	1.22	13.82	3.09	6.18	Y
26-May	8:00	1.01	10.4	7.63	13.60	11003	17676	28679	76.85	77.62	1.65	23.46	1.12	16.4	7.55	46.0	29.22	32.72	1.06	15.42	2.72	5.43	Y
27-May	14:00	1.09	11.3	7.66	13.28	19336	8496	27832	54.09	58.95	1.31	22.54	1.18	16.5	7.58	46.0	29.22	34.48	1.11	15.60	2.41	4.83	Y
28-May	12:00	1.09	11.1	7.63	14.32	14665	8496	23161	73.70	80.33	1.78	22.60	1.17	17.3	7.63	46.0	29.22	34.18	1.14	15.04	2.91	5.83	Y
29-May	6:00	1.19	11.0	7.67	14.23	15332	8333	23665	70.77	84.22	1.80	23.34	1.24	17.4	7.60	46.0	29.22	36.23	1.22	14.90	3.02	6.04	Y
30-May	18:00	1.04	13.1	7.67	14.91	15332	8333	23665	74.16	77.12	1.94	19.90	1.14	19.8	7.64	46.0	29.22	33.31	1.31	12.73	3.25	6.49	Y
31-May	21:00	1.12	14.2	7.69	14.37	10156	17350	27506	86.89	97.31	2.59	18.80	1.10	20.3	7.58	46.0	29.22	32.14	1.34	11.98	3.93	7.86	Y