

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Washington**

Conventional

Month/Year: **June 2024**

System Name: Joint Water Commission		ID#: 41 00379					WTP : TP - WTP-A	
Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day ¹ [NTU]	
1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
2	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
3	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
4	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
5	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
6	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
7	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
8	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
9	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
10	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
11	0.02	0.02	0.02	0.03	0.02	0.02	0.03	
12	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
13	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
14	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
15	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
16	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
17	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
18	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
19	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
20	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
21	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
22	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
23	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
24	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
25	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
26	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
27	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
28	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
29	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
30	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
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Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU?	Yes	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All 4-hour turbidity readings ≤ 1 NTU?	Yes	Yes	Yes
All turbidity readings < IFE ² triggers	Yes		

Notes:	PRINTED NAME: Zac Bertz	
	SIGNATURE: 	Date: 07-02-2024
	PHONE #: 503-758-4446	CERT #: 8022

¹ Including continuous NTU data, if applicable, 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)(d)(B&C))

Date		CT # 1 (Clearwell Segment)											CT # 2 (Ops Building Pipeline Segment)								Combined CT		
DATE	TIME	FWPS 1 (CT) Cl2 Residual (mg/L) "C"	FWPS 1 (CT) Temp Celsius	FWPS 1 (CT) pH	Clearwell Level (ft)	FWPS 1 Flow (gpm)	FWPS 2 Flow (gpm)	Combined FWPS Flow (gpm)	Clearwell Detention Time (T10) (minutes) "T"	Clearwell CT Achieved (min*mg/L) C x T	Clearwell Segment Giardia Log Inactivation (CTa*0.5Log)/Ctr	Clearwell Required CT (min*mg/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 (min*mg/L) C x T	Ops Bldg Giardia Log Inactivation (CTa*0.5Log)/Ctr	Ops Bldg Required CT (min*mg/L) (equation)	Total Log Inactivation Provided	Total Inactivation Ratio SCTa/Ctr	Required CT Achieved? Y/N
6/1	20:00	1.26	15.4	7.71	13.11	18,915	8,562	27,477	54.3	68.5	1.93	17.8	1.16	20.9	7.59	42	32.0	37.1	1.60	11.6	3.5	7.0	Y
6/2	1:00	1.43	15.0	7.61	13.04	18,798	8,555	27,353	54.4	77.7	2.17	17.9	0.99	21.8	7.57	42	32.0	31.7	1.49	10.7	3.7	7.3	Y
6/3	13:00	1.32	13.0	7.67	13.16	16,738	8,488	25,226	60.6	80.0	1.93	20.7	0.94	20.7	7.62	42	32.0	30.1	1.29	11.6	3.2	6.5	Y
6/4	20:00	1.39	13.0	7.87	13.16	16,879	8,556	25,435	60.1	83.5	1.86	22.4	1.05	20.2	7.59	42	32.0	33.6	1.40	12.0	3.3	6.5	Y
6/5	1:00	1.40	12.7	7.71	13.03	14,059	8,541	22,600	69.4	97.2	2.25	21.6	1.10	20.3	7.63	42	32.0	35.2	1.44	12.2	3.7	7.4	Y
6/6	20:00	1.50	16.4	7.70	13.43	15,164	8,568	23,732	67.1	100.7	2.96	17.0	1.18	20.8	7.61	42	32.0	37.8	1.60	11.8	4.6	9.1	Y
6/7	23:00	1.37	17.5	7.58	13.49	22,257	8,591	30,848	48.6	66.6	2.23	14.9	1.32	20.6	7.60	42	32.0	42.2	1.74	12.1	4.0	7.9	Y
6/8	6:00	1.41	16.5	7.59	13.69	23,218	8,607	31,825	47.5	67.0	2.09	16.1	1.29	21.0	7.59	42	32.0	41.3	1.76	11.7	3.8	7.7	Y
6/9	6:00	1.38	16.9	7.64	13.56	18,273	8,529	26,802	57.9	79.9	2.52	15.9	1.28	21.1	7.58	42	32.0	41.0	1.77	11.6	4.3	8.6	Y
6/10	14:00	1.33	16.7	7.80	14.14	20,586	8,540	29,126	54.5	72.5	2.14	17.0	1.32	20.0	7.71	42	32.0	42.2	1.60	13.2	3.7	7.5	Y
6/11	18:00	1.34	16.7	7.79	13.57	21,687	8,531	30,218	50.0	67.1	1.98	16.9	1.23	19.2	7.63	42	32.0	39.4	1.48	13.3	3.5	6.9	Y
6/12	20:00	1.33	16.0	7.85	13.29	20,286	8,513	28,799	51.9	69.1	1.91	18.1	1.13	21.2	7.62	42	32.0	36.2	1.57	11.5	3.5	7.0	Y
6/13	19:00	1.36	15.5	7.75	13.73	19,606	8,457	28,063	55.3	75.2	2.08	18.1	1.25	20.3	7.70	42	32.0	40.0	1.57	12.7	3.6	7.3	Y
6/14	14:00	1.32	14.4	7.92	13.84	15,295	17,547	32,842	60.2	79.5	1.92	20.7	1.26	19.4	7.76	42	32.0	40.3	1.45	13.9	3.4	6.8	Y
6/15	5:00	1.42	13.7	7.85	13.55	15,921	7,868	23,789	65.9	93.5	2.19	21.3	1.22	19.3	7.74	42	32.0	39.0	1.42	13.8	3.6	7.2	Y
6/16	23:00	1.40	13.0	7.72	13.43	15,801	7,896	23,697	65.7	91.9	2.16	21.2	1.12	18.4	7.69	42	32.0	35.8	1.26	14.2	3.4	6.8	Y
6/17	13:00	1.36	12.3	7.84	13.58	19,169	8,527	27,696	55.7	75.7	1.63	23.2	1.21	16.7	7.77	42	32.0	38.7	1.17	16.6	2.8	5.6	Y
6/18	13:00	1.41	12.3	7.79	13.80	18,906	7,939	26,845	57.9	81.6	1.78	22.9	1.34	16.5	7.72	41	32.8	43.9	1.31	16.7	3.1	6.2	Y
6/19	15:00	1.35	14.6	7.74	13.46	20,234	7,997	28,231	53.2	71.8	1.87	19.1	1.19	19.3	7.69	42	32.0	38.1	1.41	13.5	3.3	6.6	Y
6/20	22:00	1.34	16.6	7.68	13.59	22,258	7,847	30,105	49.5	66.4	2.03	16.4	1.14	21.0	7.61	42	32.0	36.5	1.57	11.6	3.6	7.2	Y
6/21	13:00	1.34	16.7	7.74	13.95	18,042	17,566	35,608	53.1	71.2	2.14	16.6	1.22	21.2	7.62	42	32.0	39.0	1.68	11.6	3.8	7.6	Y
6/22	20:00	1.35	15.3	7.72	13.53	13,956	17,572	31,528	63.3	85.5	2.36	18.1	1.19	20.2	7.63	42	32.0	38.1	1.53	12.4	3.9	7.8	Y
6/23	6:00	1.40	14.7	7.72	13.54	13,565	17,617	31,182	64.8	90.7	2.39	19.0	1.27	20.8	7.66	42	32.0	40.6	1.67	12.2	4.1	8.1	Y
6/24	23:00	1.37	14.3	7.74	13.53	14,991	17,616	32,607	59.8	81.9	2.09	19.6	1.14	20.9	7.63	42	32.0	36.5	1.55	11.8	3.6	7.3	Y
6/25	3:00	1.38	14.1	7.71	13.57	15,579	17,623	33,202	58.1	80.2	2.04	19.6	1.18	20.4	7.62	42	32.0	37.8	1.55	12.2	3.6	7.2	Y
6/26	17:00	1.43	14.1	7.81	13.35	19,319	17,737	37,056	48.0	68.7	1.68	20.5	1.22	19.1	7.69	42	32.0	39.0	1.42	13.7	3.1	6.2	Y
6/27	7:00	1.34	13.7	7.77	13.63	15,215	17,799	33,014	59.4	79.6	1.94	20.5	1.14	20.2	7.69	42	32.0	36.5	1.44	12.6	3.4	6.8	Y
6/28	12:00	1.42	13.2	7.80	13.48	18,297	17,783	36,080	50.7	71.9	1.66	21.6	1.27	17.9	7.72	41	32.8	41.6	1.38	15.1	3.0	6.1	Y
6/29	6:00	1.32	13.8	7.68	13.89	16,629	17,810	34,439	56.3	74.4	1.89	19.7	1.14	20.1	7.68	42	32.0	36.5	1.44	12.7	3.3	6.7	Y
6/30	7:00	1.39	13.8	7.59	13.47	16,897	17,622	34,519	54.1	75.1	1.96	19.2	1.16	20.4	7.55	42	32.0	37.1	1.57	11.9	3.5	7.0	Y

Reviewed By: Zac Bertz

Date: 07-02-2024