

OHA - Drinking Water Services -Turbidity Monitoring Report Form

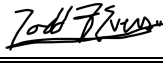
County: Washington

Conventional

Month/Year: September 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 <sup>1</sup> [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	0.03	0.02	0.03	0.03	
4	0.02	0.02	0.02	0.03	0.03	0.02	0.03	
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	0.03	0.03	
8	0.02	0.03	0.02	0.02	0.02	0.02	0.03	
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	0.02	0.02	0.02	0.02	
12	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
13	0.03	0.02	0.02	0.03	0.02	0.03	0.03	
14	0.02	0.02	0.02	0.02	0.02	0.02	0.03	
15	0.02	0.03	0.02	0.02	0.03	0.03	0.03	
16	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
17	0.02	0.02	0.02	0.03	0.02	0.02	0.03	
18	0.02	0.02	0.02	0.02	0.02	0.03	0.03	
19	0.04	0.03	0.03	0.02	0.02	0.02	0.04	
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	0.03	0.02	0.02	0.02	0.02	0.02	0.03	
23	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
24	0.02	0.03	0.02	0.02	0.02	0.02	0.03	
25	0.02	0.02	0.02	0.02	0.04	0.03	0.04	
26	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
27	0.02	0.03	0.03	0.03	0.03	0.03	0.03	
28	0.03	0.02	0.02	0.03	0.03	0.03	0.03	
29	0.03	0.02	0.02	0.02	0.02	0.03	0.03	
30	0.02	0.02	0.02	0.02	0.03	0.03	0.03	
31								

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 <sup>2</sup> triggers	Yes		

Notes:	PRINTED NAME: Todd Evers	
	SIGNATURE: 	Date: 10-02-2024
	PHONE #: 541-497-3945	CERT #: 6149

<sup>1</sup> 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. <sup>2</sup> 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
9/1	8:00	1.35	15.1	7.69	13.57	13,823	17,458	31,281	64.1	86.5	2.38	18.2	1.24	20.4	7.68	41	32.8	40.6	1.62	12.6	4.0	8.0	Y
9/2	3:00	1.32	15.3	7.74	13.59	13,824	17,483	31,307	64.2	84.7	2.33	18.2	1.16	20.9	7.74	41	32.8	38.0	1.55	12.3	3.9	7.7	Y
9/3	23:00	1.39	15.3	7.80	13.59	20,761	17,370	38,131	46.3	64.4	1.71	18.8	1.23	20.2	7.72	42	32.0	39.4	1.53	12.9	3.2	6.5	Y
9/4	8:00	1.38	15.0	7.61	13.61	21,376	17,439	38,815	45.3	62.5	1.75	17.8	1.27	19.4	7.68	41	32.8	41.6	1.55	13.5	3.3	6.6	Y
9/5	2:00	1.33	15.7	7.60	13.08	20,680	17,295	37,975	44.7	59.5	1.77	16.9	1.23	21.3	7.64	41	32.8	40.3	1.73	11.6	3.5	7.0	Y
9/6	20:00	1.33	16.2	7.58	13.43	20,975	17,212	38,187	45.5	60.5	1.87	16.2	1.09	21.9	7.61	42	32.0	34.9	1.60	10.9	3.5	6.9	Y
9/7	13:00	1.37	16.2	7.78	14.09	20,739	17,158	37,897	48.2	66.0	1.88	17.5	1.10	22.0	7.66	42	32.0	35.2	1.60	11.0	3.5	7.0	Y
9/8	20:00	1.32	16.6	7.70	13.24	20,971	17,202	38,173	44.8	59.2	1.80	16.5	1.10	22.0	7.61	42	32.0	35.2	1.63	10.8	3.4	6.9	Y
9/9	5:00	1.36	16.0	7.72	13.23	21,110	17,139	38,249	44.6	60.6	1.75	17.3	1.08	20.8	7.65	42	32.0	34.6	1.46	11.9	3.2	6.4	Y
9/10	5:00	1.37	16.0	7.73	13.72	20,548	17,177	37,725	47.2	64.7	1.86	17.4	1.13	21.3	7.68	42	32.0	36.2	1.55	11.7	3.4	6.8	Y
9/11	21:00	1.33	15.6	7.64	14.16	18,237	17,018	35,255	53.8	71.6	2.08	17.2	1.09	20.5	7.72	42	32.0	34.9	1.40	12.4	3.5	7.0	Y
9/12	3:00	1.32	15.6	7.72	13.68	15,707	17,005	32,712	58.6	77.4	2.18	17.7	1.08	20.5	7.67	42	32.0	34.6	1.42	12.2	3.6	7.2	Y
9/13	8:00	1.33	15.0	7.71	13.64	10,146	17,038	27,184	82.8	110.2	3.00	18.4	1.11	19.5	7.67	42	32.0	35.5	1.36	13.1	4.4	8.7	Y
9/14	21:00	1.32	15.7	7.66	13.52	8,233	17,077	25,310	97.0	128.0	3.72	17.2	1.07	19.8	7.64	42	32.0	34.2	1.36	12.6	5.1	10.1	Y
9/15	10:00	1.35	15.5	7.79	13.66	17,071	25,651	42,722	50.4	68.1	1.85	18.4	1.08	18.6	7.73	42	32.0	34.6	1.22	14.2	3.1	6.1	Y
9/16	11:00	1.31	15.1	7.81	13.77	8,545	17,559	26,104	95.4	124.9	3.30	18.9	1.17	19.1	7.71	42	32.0	37.4	1.36	13.7	4.7	9.3	Y
9/17	6:00	1.33	15.0	7.72	13.55	8,741	17,521	26,262	92.2	122.6	3.32	18.5	1.08	20.1	7.65	42	32.0	34.6	1.39	12.4	4.7	9.4	Y
9/18	21:00	1.31	15.9	7.63	13.25	17,511	8,473	25,984	58.7	77.0	2.29	16.8	1.27	20.5	7.61	42	32.0	40.6	1.67	12.2	4.0	7.9	Y
9/19	6:00	1.35	15.6	7.76	13.13	17,233	8,530	25,763	59.0	79.6	2.21	18.0	1.33	19.5	7.65	42	32.0	42.6	1.60	13.3	3.8	7.6	Y
9/20	20:00	1.29	15.8	7.68	13.50	19,735	8,012	27,747	54.5	70.3	2.05	17.2	1.13	20.6	7.63	42	32.0	36.2	1.51	12.0	3.6	7.1	Y
9/21	21:00	1.29	15.7	7.62	13.20	19,459	7,955	27,414	54.0	69.6	2.06	16.9	1.20	20.5	7.62	42	32.0	38.4	1.58	12.1	3.6	7.3	Y
9/22	19:00	1.28	16.2	7.59	13.76	19,377	7,917	27,294	56.5	72.3	2.24	16.2	1.03	20.9	7.57	41	32.8	33.8	1.48	11.4	3.7	7.4	Y
9/23	23:00	1.28	17.2	7.54	13.40	19,256	8,533	27,789	54.7	70.1	2.36	14.8	1.09	21.0	7.59	42	32.0	34.9	1.52	11.5	3.9	7.8	Y
9/24	3:00	1.31	17.7	7.71	13.67	20,438	8,492	28,930	53.1	69.5	2.27	15.3	1.18	21.2	7.67	42	32.0	37.8	1.60	11.8	3.9	7.7	Y
9/25	19:00	1.31	17.3	7.89	13.46	20,888	8,541	29,429	51.3	67.2	1.99	16.8	0.97	20.8	7.79	42	32.0	31.0	1.26	12.3	3.3	6.5	Y
9/26	19:00	1.32	16.2	7.78	13.85	20,219	8,570	28,789	54.2	71.6	2.06	17.4	1.34	19.3	7.72	42	32.0	42.9	1.55	13.9	3.6	7.2	Y
9/27	7:00	1.33	16.1	7.72	13.58	17,772	8,650	26,422	59.3	78.8	2.30	17.2	1.18	21.0	7.62	42	32.0	37.8	1.61	11.7	3.9	7.8	Y
9/28	20:00	1.29	16.9	7.74	13.67	16,469	8,577	25,046	63.7	82.2	2.52	16.3	1.14	20.5	7.69	42	32.0	36.5	1.47	12.4	4.0	8.0	Y
9/29	0:00	1.33	16.5	7.78	13.60	16,068	8,559	24,627	64.7	86.1	2.52	17.1	1.14	20.8	7.69	42	32.0	36.5	1.50	12.1	4.0	8.0	Y
9/30	20:00	1.30	15.7	7.80	13.60	20,338	7,905	28,243	53.6	69.6	1.92	18.1	1.06	20.8	7.70	42	32.0	33.9	1.41	12.1	3.3	6.7	Y

Reviewed By: Todd Evers

Date: 10-02-2024