

OHA - Drinking Water Services -Turbidity Monitoring Report Form


County: Washington

Conventional

Month/Year: August 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	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
2	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
3	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
4	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
6	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
7	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
8	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
9	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
10	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
11	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
12	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
13	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
14	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
15	0.03	0.03	0.03	0.03	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	0.02	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	
31	0.02	0.02	0.02	0.02	0.02	0.02	0.02	

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: Todd Evers	
	SIGNATURE: 	Date: 09-04-2024
	PHONE #: 541-497-3945	CERT #: 6149

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
8/1	20:00	1.31	15.8	7.62	14.34	22,928	17,571	40,499	45.0	58.9	1.75	16.8	1.02	21.4	7.49	42	32.0	32.6	1.53	10.7	3.3	6.6	Y
8/2	9:00	1.33	14.7	7.70	13.81	22,848	17,542	40,390	43.4	57.8	1.55	18.7	1.18	19.2	7.53	42	32.0	37.8	1.48	12.8	3.0	6.0	Y
8/3	22:00	1.36	15.0	7.59	13.66	20,837	17,678	38,515	46.3	62.9	1.78	17.7	1.02	21.0	7.57	42	32.0	32.6	1.45	11.3	3.2	6.5	Y
8/4	16:00	1.34	14.8	7.72	13.78	21,325	17,646	38,971	45.8	61.4	1.64	18.7	1.12	20.6	7.64	41	32.8	36.7	1.52	12.0	3.2	6.3	Y
8/5	3:00	1.33	14.7	7.72	13.53	21,209	17,673	38,882	45.2	60.1	1.59	18.8	1.01	20.8	7.67	41	32.8	33.1	1.40	11.9	3.0	6.0	Y
8/6	13:00	1.33	14.2	7.79	13.99	21,430	17,656	39,086	46.3	61.6	1.54	20.0	1.13	19.3	7.73	41	32.8	37.0	1.36	13.6	2.9	5.8	Y
8/7	20:00	1.27	15.0	7.80	13.72	21,320	17,663	38,983	45.6	57.9	1.53	18.9	0.99	20.8	7.71	42	32.0	31.7	1.32	12.0	2.9	5.7	Y
8/8	23:00	1.32	15.2	7.60	13.34	20,982	17,563	38,545	45.0	59.4	1.71	17.4	1.13	22.5	7.64	42	32.0	36.2	1.71	10.6	3.4	6.8	Y
8/9	19:00	1.29	15.0	7.71	14.04	21,117	17,557	38,674	47.1	60.7	1.66	18.3	1.17	21.1	7.71	42	32.0	37.4	1.56	12.0	3.2	6.4	Y
8/10	3:00	1.37	14.4	7.70	13.40	19,088	19,088	38,176	48.0	65.8	1.72	19.2	1.13	21.1	7.66	42	32.0	36.2	1.54	11.7	3.3	6.5	Y
8/11	23:00	1.42	14.9	7.77	13.10	18,717	17,510	36,227	48.5	68.8	1.80	19.1	1.17	20.8	7.73	42	32.0	37.4	1.52	12.4	3.3	6.6	Y
8/12	6:00	1.49	14.3	7.85	13.22	19,788	17,538	37,326	46.8	69.7	1.69	20.7	1.26	20.0	7.72	42	32.0	40.3	1.54	13.1	3.2	6.4	Y
8/13	23:00	1.47	13.8	7.60	14.07	19,867	17,398	37,265	49.7	73.0	1.88	19.4	1.17	20.4	7.57	41	32.8	38.4	1.60	12.0	3.5	7.0	Y
8/14	0:00	1.49	13.9	7.61	13.19	18,885	17,507	36,392	48.5	72.2	1.86	19.4	1.18	20.5	7.54	42	32.0	37.8	1.61	11.8	3.5	6.9	Y
8/15	2:00	1.41	14.6	7.68	13.62	17,761	17,610	35,371	52.5	74.1	1.96	18.9	1.27	20.2	7.56	42	32.0	40.6	1.66	12.2	3.6	7.3	Y
8/16	10:00	1.40	14.0	7.73	13.81	15,350	17,709	33,059	59.8	83.7	2.10	20.0	1.20	18.5	7.66	41	32.8	39.3	1.40	14.1	3.5	7.0	Y
8/17	19:00	1.40	14.7	7.63	13.54	14,812	17,642	32,454	60.4	84.5	2.30	18.4	1.11	20.9	7.60	42	32.0	35.5	1.53	11.6	3.8	7.7	Y
8/18	22:00	1.40	15.1	7.53	13.72	14,914	17,622	32,536	60.9	85.2	2.47	17.2	1.10	21.0	7.60	42	32.0	35.2	1.53	11.5	4.0	8.0	Y
8/19	4:00	1.38	14.8	7.67	13.61	14,501	17,588	32,089	61.8	85.2	2.31	18.5	1.18	19.4	7.60	42	32.0	37.8	1.46	12.9	3.8	7.5	Y
8/20	12:00	1.40	15.0	7.76	13.64	12,557	17,184	29,741	69.8	97.7	2.59	18.9	1.17	18.8	7.72	42	32.0	37.4	1.33	14.1	3.9	7.8	Y
8/21	20:00	1.35	15.1	7.83	13.54	21,449	8,527	29,976	50.4	68.1	1.78	19.1	1.03	20.4	7.77	42	32.0	33.0	1.30	12.7	3.1	6.2	Y
8/22	22:00	1.41	14.8	7.74	13.28	21,523	8,556	30,079	49.3	69.5	1.83	19.0	1.05	20.3	7.69	42	32.0	33.6	1.35	12.4	3.2	6.4	Y
8/23	8:00	1.39	14.5	7.70	13.37	21,538	8,581	30,119	49.6	68.9	1.81	19.1	1.11	20.0	7.67	42	32.0	35.5	1.40	12.7	3.2	6.4	Y
8/24	1:00	1.45	14.2	7.71	13.38	20,880	8,556	29,436	51.0	73.9	1.88	19.7	1.11	19.5	7.63	42	32.0	35.5	1.38	12.9	3.3	6.5	Y
8/25	20:00	1.37	14.9	7.81	13.19	19,981	8,544	28,525	52.2	71.5	1.85	19.3	1.08	20.6	7.61	41	32.8	35.4	1.49	11.8	3.3	6.7	Y
8/26	21:00	1.34	15.6	7.68	13.49	20,653	8,522	29,175	51.9	69.5	1.99	17.5	1.09	20.5	7.60	42	32.0	34.9	1.47	11.9	3.5	6.9	Y
8/27	11:00	1.44	15.2	7.79	13.33	20,003	8,507	28,510	52.7	75.9	2.01	18.9	1.10	19.1	7.69	42	32.0	35.2	1.30	13.5	3.3	6.6	Y
8/28	20:00	1.54	15.1	7.77	13.42	17,118	14,806	31,924	55.1	84.9	2.22	19.1	1.19	19.6	7.67	41	32.8	39.0	1.49	13.1	3.7	7.4	Y
8/29	9:00	1.40	14.1	7.73	13.49	15,916	17,267	33,183	57.0	79.8	2.01	19.8	1.30	18.4	7.68	41	32.8	42.6	1.47	14.5	3.5	7.0	Y
8/30	21:00	1.32	15.5	7.69	13.55	13,546	17,384	30,930	65.1	85.9	2.44	17.6	1.13	21.0	7.71	42	32.0	36.2	1.50	12.0	3.9	7.9	Y
8/31	8:00	1.38	14.6	7.69	13.43	13,638	17,407	31,045	64.1	88.5	2.35	18.9	1.23	20.4	7.69	41	32.8	40.3	1.60	12.6	3.9	7.9	Y

Reviewed By: Todd Evers

Date: 09-04-2024