

OHA - Drinking Water Services -Turbidity Monitoring Report Form


County: Washington

Conventional

Month/Year: July 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	0.02	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	0.02	0.02	0.02	0.02	
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	0.03	
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	0.03	0.02	0.03	
25	0.02	0.03	0.02	0.02	0.02	0.02	0.03	
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	0.03	
28	0.02	0.02	0.03	0.03	0.03	0.03	0.03	
29	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
30	0.03	0.03	0.03	0.02	0.03	0.03	0.03	
31	0.03	0.03	0.03	0.03	0.03	0.03	0.03	

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: 08-05-2024
	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
7/1	10:00	1.33	14.1	7.71	13.64	16,222	17,488	33,710	56.7	75.3	1.93	19.5	1.14	18.2	7.59	42	32.0	36.5	1.31	13.9	3.2	6.5	Y
7/2	6:00	1.39	13.8	7.65	13.56	17,339	17,534	34,873	53.4	74.2	1.89	19.6	1.07	20.0	7.64	42	32.0	34.2	1.37	12.5	3.3	6.5	Y
7/3	6:00	1.38	13.6	7.71	13.59	17,283	17,463	34,746	53.7	74.0	1.82	20.3	1.14	19.8	7.62	42	32.0	36.5	1.44	12.6	3.3	6.5	Y
7/4	4:00	1.38	13.7	7.62	13.53	16,994	17,557	34,551	54.1	74.6	1.91	19.5	1.24	20.2	7.60	42	32.0	39.7	1.61	12.4	3.5	7.0	Y
7/5	20:00	1.32	15.5	7.63	13.75	20,548	17,615	38,163	47.1	62.2	1.80	17.3	1.20	21.2	7.49	42	32.0	38.4	1.74	11.0	3.5	7.1	Y
7/6	1:00	1.37	14.9	7.62	13.65	21,052	17,625	38,677	45.9	62.8	1.75	18.0	1.12	21.8	7.52	42	32.0	35.8	1.69	10.6	3.4	6.9	Y
7/7	2:00	1.34	14.9	7.59	13.67	21,100	17,630	38,730	45.8	61.4	1.73	17.7	1.18	21.3	7.51	42	32.0	37.8	1.71	11.0	3.4	6.9	Y
7/8	20:00	1.34	16.2	7.66	13.66	21,869	19,860	41,729	43.5	58.3	1.75	16.7	1.13	21.9	7.52	42	32.0	36.2	1.71	10.6	3.5	6.9	Y
7/9	22:00	1.34	16.0	7.55	13.63	23,066	17,612	40,678	42.5	57.0	1.75	16.2	1.09	22.4	7.55	42	32.0	34.9	1.70	10.3	3.5	6.9	Y
7/10	22:00	1.41	14.7	7.70	13.69	23,002	17,676	40,678	42.8	60.3	1.60	18.9	1.23	20.6	7.56	42	32.0	39.4	1.66	11.8	3.3	6.5	Y
7/11	6:00	1.37	14.4	7.68	13.67	21,239	17,653	38,892	45.6	62.5	1.64	19.0	1.17	21.5	7.59	42	32.0	37.4	1.67	11.2	3.3	6.6	Y
7/12	5:00	1.34	14.2	7.58	13.60	21,198	17,636	38,834	45.4	60.9	1.64	18.5	1.18	21.1	7.59	42	32.0	37.8	1.64	11.5	3.3	6.6	Y
7/13	19:00	1.31	15.7	7.76	13.97	20,913	17,590	38,503	47.2	61.8	1.73	17.8	1.12	21.4	7.64	42	32.0	35.8	1.57	11.4	3.3	6.6	Y
7/14	19:00	1.30	15.6	7.68	13.82	20,150	17,576	37,726	48.1	62.6	1.80	17.4	1.17	18.2	7.63	42	32.0	37.4	1.32	14.2	3.1	6.2	Y
7/15	3:00	1.36	14.7	7.64	13.58	20,333	17,627	37,960	46.9	63.8	1.74	18.3	1.11	21.8	7.59	42	32.0	35.5	1.63	10.9	3.4	6.7	Y
7/16	12:00	1.39	14.1	7.71	14.13	20,752	17,602	38,354	48.0	66.8	1.70	19.7	1.18	19.5	7.62	41	32.8	38.7	1.49	13.0	3.2	6.4	Y
7/17	6:00	1.35	14.4	7.63	13.59	20,216	17,715	37,931	47.1	63.6	1.71	18.6	1.09	21.7	7.59	42	32.0	34.9	1.60	10.9	3.3	6.6	Y
7/18	21:00	1.32	14.7	7.57	13.59	23,139	17,359	40,498	42.4	56.0	1.57	17.8	1.15	21.5	7.55	42	32.0	36.8	1.67	11.0	3.2	6.5	Y
7/19	10:00	1.38	14.3	7.65	13.89	24,119	17,385	41,504	41.9	57.8	1.52	19.0	1.29	19.4	7.51	42	32.0	41.3	1.63	12.7	3.2	6.3	Y
7/20	22:00	1.34	15.8	7.57	13.62	21,497	17,302	38,799	45.1	60.5	1.82	16.6	1.11	22.2	7.57	42	32.0	35.5	1.69	10.5	3.5	7.0	Y
7/21	1:00	1.35	15.4	7.58	13.56	20,800	17,315	38,115	46.2	62.3	1.82	17.1	1.16	21.0	7.55	42	32.0	37.1	1.63	11.4	3.5	6.9	Y
7/22	18:00	1.30	14.7	7.62	13.54	20,890	17,579	38,469	45.8	59.5	1.65	18.1	1.09	19.6	7.52	42	32.0	34.9	1.42	12.3	3.1	6.1	Y
7/23	17:00	1.26	14.6	7.76	14.14	22,001	17,488	39,489	45.9	57.8	1.51	19.1	1.13	20.4	7.61	42	32.0	36.2	1.50	12.1	3.0	6.0	Y
7/24	9:00	1.35	13.8	7.65	13.66	20,854	17,536	38,390	46.3	62.5	1.60	19.5	1.20	18.0	7.56	41	32.8	39.3	1.40	14.0	3.0	6.0	Y
7/25	20:00	1.31	14.1	7.70	13.38	21,025	17,551	38,576	45.0	59.0	1.52	19.4	1.11	20.6	7.57	42	32.0	35.5	1.52	11.7	3.0	6.1	Y
7/26	0:00	1.34	13.7	7.63	13.12	20,860	17,556	38,416	44.4	59.6	1.53	19.5	1.09	21.1	7.57	42	32.0	34.9	1.54	11.3	3.1	6.1	Y
7/27	23:00	1.37	14.0	7.55	13.50	18,478	17,612	36,090	50.4	69.1	1.86	18.6	1.13	20.5	7.52	42	32.0	36.2	1.56	11.6	3.4	6.8	Y
7/28	1:00	1.37	13.9	7.57	13.44	18,759	17,562	36,321	49.6	68.0	1.80	18.9	1.14	20.8	7.51	42	32.0	36.5	1.61	11.3	3.4	6.8	Y
7/29	1:00	1.42	13.8	7.59	13.05	18,555	17,469	36,024	48.7	69.1	1.79	19.3	1.20	19.2	7.52	42	32.0	38.4	1.50	12.8	3.3	6.6	Y
7/30	0:00	1.37	13.5	7.54	13.08	17,687	17,485	35,172	50.7	69.4	1.81	19.2	1.06	20.6	7.50	42	32.0	33.9	1.49	11.3	3.3	6.6	Y
7/31	23:00	1.30	14.8	7.59	14.14	18,875	17,566	36,441	51.9	67.5	1.90	17.8	1.06	21.7	7.52	41	32.8	34.7	1.64	10.6	3.5	7.1	Y

Reviewed By: Todd Evers

Date: 08-05-2024