

OHA - Drinking Water Services -Turbidity Monitoring Report Form

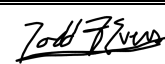
County: Washington

Conventional

Month/Year: October 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	0.03	0.03	
2	0.02	0.03	0.02	0.02	0.03	0.02	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	0.02	0.03	0.03	
5	0.04	0.04	0.03	0.03	0.03	0.03	0.04	
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	0.02	0.02	0.02	0.02	0.02	0.03	
9	0.03	0.02	0.02	0.02	0.02	0.02	0.03	
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	0.03	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	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
17	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
18	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
19	0.02	0.03	0.03	0.03	0.03	0.03	0.03	
20	0.03	0.03	0.04	0.03	0.03	0.03	0.04	
21	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
22	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
23	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
24	0.03	0.03	0.02	0.03	0.03	0.03	0.03	
25	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
26	0.02	0.03	0.02	0.03	0.03	0.03	0.03	
27	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
28	0.03	0.03	0.03	Shutdown	0.02	0.02	0.03	
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: 11-05-2024
	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
10/1	9:00	1.36	15.3	7.81	13.79	21,092	7,926	29,018	52.6	71.5	1.91	18.8	1.21	18.4	7.70	42	32.0	38.7	1.34	14.4	3.2	6.5	Y
10/2	23:00	1.39	16.4	7.74	13.24	19,144	7,886	27,030	55.0	76.4	2.24	17.1	1.24	22.3	7.67	42	32.0	39.7	1.80	11.0	4.0	8.1	Y
10/3	1:00	1.37	16.4	7.64	12.70	20,607	7,851	28,458	49.5	67.8	2.07	16.4	1.18	21.9	7.66	42	32.0	37.8	1.69	11.2	3.8	7.5	Y
10/4	19:00	1.32	15.8	7.64	13.61	19,871	7,921	27,792	54.7	72.2	2.13	17.0	1.08	21.5	7.56	42	32.0	34.6	1.58	10.9	3.7	7.4	Y
10/5	12:00	1.35	15.2	7.66	13.11	13,033	7,904	20,937	75.3	101.7	2.85	17.9	1.03	21.8	7.58	42	32.0	33.0	1.53	10.7	4.4	8.8	Y
10/6	14:00	1.40	15.5	7.75	13.32	13,064	7,915	20,979	76.4	106.9	2.94	18.2	1.10	22.1	7.59	42	32.0	35.2	1.65	10.7	4.6	9.2	Y
10/7	12:00	1.44	15.9	7.65	13.28	12,727	8,470	21,197	76.9	110.8	3.23	17.2	1.17	21.4	7.65	42	32.0	37.4	1.63	11.5	4.9	9.7	Y
10/8	21:00	1.32	16.8	7.81	13.25	16,766	8,511	25,277	60.9	80.4	2.38	16.9	1.02	21.8	7.80	42	32.0	32.6	1.40	11.7	3.8	7.6	Y
10/9	0:00	1.36	16.7	7.72	13.07	15,649	8,520	24,169	63.7	86.6	2.62	16.5	1.00	21.1	7.63	42	32.0	32.0	1.40	11.4	4.0	8.0	Y
10/10	20:00	1.28	15.9	7.72	13.62	15,541	8,562	24,103	66.7	85.4	2.47	17.3	1.00	20.7	7.63	42	32.0	32.0	1.36	11.7	3.8	7.7	Y
10/11	0:00	1.37	15.8	7.66	13.52	15,012	8,546	23,558	68.2	93.4	2.71	17.2	0.99	21.4	7.63	42	32.0	31.7	1.41	11.2	4.1	8.3	Y
10/12	19:00	1.26	16.2	7.71	14.03	12,354	8,514	20,868	83.2	104.9	3.11	16.8	1.09	20.8	7.64	42	32.0	34.9	1.47	11.8	4.6	9.2	Y
10/13	2:00	1.36	15.9	7.67	13.57	11,946	8,520	20,466	82.7	112.5	3.28	17.1	1.10	21.0	7.64	42	32.0	35.2	1.51	11.7	4.8	9.6	Y
10/14	23:00	1.30	16.7	7.69	13.60	13,742	8,545	22,287	73.8	96.0	2.95	16.2	1.08	21.7	7.66	42	32.0	34.6	1.54	11.2	4.5	9.0	Y
10/15	14:00	1.25	17.1	7.80	13.64	14,440	8,522	22,962	71.1	88.8	2.71	16.4	1.04	19.7	7.68	42	32.0	33.3	1.29	12.9	4.0	8.0	Y
10/16	5:00	1.30	16.8	7.69	13.61	12,311	8,552	20,863	80.9	105.2	3.26	16.1	1.13	21.2	7.66	42	32.0	36.2	1.55	11.7	4.8	9.6	Y
10/17	19:00	1.37	15.8	7.70	13.77	13,151	8,588	21,739	77.4	106.1	3.04	17.5	1.12	21.7	7.58	42	32.0	35.8	1.64	10.9	4.7	9.4	Y
10/18	0:00	1.41	15.3	7.74	13.49	12,598	8,557	21,155	78.7	110.9	3.01	18.4	1.13	22.2	7.57	42	32.0	36.2	1.72	10.5	4.7	9.5	Y
10/19	20:00	1.34	15.6	7.72	13.46	10,542	8,609	19,151	90.7	121.6	3.42	17.8	1.03	21.1	7.58	41	32.8	33.8	1.50	11.3	4.9	9.8	Y
10/20	20:00	1.37	15.4	7.67	13.42	10,855	8,587	19,442	88.4	121.1	3.41	17.7	1.16	21.4	7.62	42	32.0	37.1	1.63	11.4	5.0	10.1	Y
10/21	15:00	1.42	15.5	7.70	13.79	10,169	8,615	18,784	95.7	135.9	3.79	17.9	1.26	20.2	7.61	42	32.0	40.3	1.62	12.4	5.4	10.8	Y
10/22	21:00	1.40	14.3	7.70	13.18	12,661	8,598	21,259	76.5	107.1	2.77	19.4	1.08	21.5	7.58	41	32.8	35.4	1.61	11.0	4.4	8.7	Y
10/23	23:00	1.31	13.7	7.70	13.41	13,998	8,555	22,553	71.7	93.9	2.35	19.9	1.03	21.2	7.60	41	32.8	33.8	1.50	11.3	3.9	7.7	Y
10/24	1:00	1.30	13.7	7.70	13.57	14,311	8,548	22,859	71.2	92.6	2.32	19.9	1.01	20.3	7.59	41	32.8	33.1	1.39	11.9	3.7	7.4	Y
10/25	22:00	1.24	13.7	7.61	13.61	12,782	8,644	21,426	78.3	97.1	2.54	19.1	1.21	18.9	7.65	42	32.0	38.7	1.42	13.7	4.0	7.9	Y
10/26	21:00	1.33	14.6	7.71	14.16	14,035	8,569	22,604	75.5	100.4	2.66	18.9	1.16	20.5	7.56	41	32.8	38.0	1.61	11.8	4.3	8.5	Y
10/27	1:00	1.33	14.7	7.65	13.52	11,902	8,546	20,448	82.6	109.9	2.99	18.4	1.14	21.0	7.59	41	32.8	37.4	1.62	11.5	4.6	9.2	Y
10/28	16:00	1.30	13.5	7.65	13.48	13,327	8,030	21,357	75.8	98.6	2.49	19.8	0.90	18.6	7.67	41	32.8	29.5	1.09	13.6	3.6	7.2	Y
10/29	0:00	1.26	12.8	7.70	13.67	12,904	8,552	21,456	78.2	98.5	2.34	21.0	1.07	18.1	7.68	43	31.3	33.4	1.16	14.4	3.5	7.0	Y
10/30	21:00	1.30	12.0	7.74	13.39	14,114	8,050	22,164	71.8	93.3	2.06	22.7	1.11	20.2	7.63	41	32.8	36.4	1.48	12.3	3.5	7.1	Y
10/31	21:00	1.36	11.9	7.71	13.79	13,544	8,083	21,627	76.5	104.0	2.29	22.7	1.32	19.5	7.58	41	32.8	43.3	1.67	13.0	4.0	7.9	Y

Reviewed By: Todd Evers

Date: 11-05-2024