

OHA - Drinking Water Services -Turbidity Monitoring Report Form

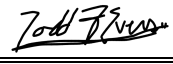
County: Washington

Conventional

Month/Year: November 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	0.02	0.02	0.02	0.02	
12	0.02	0.02	shutdown	shutdown	shutdown	0.02	0.02	
13	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
14	0.02	0.04	0.03	0.03	0.03	0.03	0.04	
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	0.04	0.03	0.02	0.04	
18	0.02	0.02	shutdown	Shutdown	shutdown	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	0.03	0.03	0.03	0.03	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								

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: 12-04-2024
	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
11/1	5:00	1.33	11.8	7.65	13.22	13,673	7,998	21,671	72.9	96.9	2.17	22.3	1.32	20.2	7.57	41	32.8	43.3	1.76	12.3	3.9	7.8	Y
11/2	20:00	1.28	11.1	7.51	13.54	11,214	7,994	19,208	87.9	112.6	2.54	22.1	1.23	20.1	7.32	41	32.8	40.3	1.80	11.2	4.3	8.7	Y
11/3	5:00	1.31	11.0	7.59	13.48	10,522	8,068	18,590	92.1	120.7	2.62	23.0	1.21	20.1	7.40	41	32.8	39.7	1.72	11.5	4.3	8.7	Y
11/4	15:00	1.34	11.3	7.70	13.62	10,655	7,992	18,647	92.3	123.6	2.63	23.5	1.09	18.4	7.63	41	32.8	35.7	1.29	13.9	3.9	7.8	Y
11/5	10:00	1.34	11.0	7.71	13.15	9,138	7,991	17,129	101.0	135.3	2.81	24.1	1.35	16.7	7.61	41	32.8	44.3	1.39	15.9	4.2	8.4	Y
11/6	20:00	1.41	10.3	7.62	13.67	14,841	8,100	22,941	70.2	99.0	2.01	24.6	1.32	18.7	7.56	41	32.8	43.3	1.59	13.6	3.6	7.2	Y
11/7	0:00	1.40	10.6	7.69	13.67	15,437	8,086	23,523	67.9	95.1	1.92	24.7	1.27	19.5	7.54	41	32.8	41.6	1.64	12.7	3.6	7.1	Y
11/8	3:00	1.49	10.2	7.62	13.61	14,195	7,972	22,167	72.7	108.4	2.17	25.0	1.30	19.0	7.58	41	32.8	42.6	1.59	13.4	3.8	7.5	Y
11/9	11:00	1.38	10.1	7.77	13.78	20,359	0	20,359	64.3	88.7	1.69	26.2	1.13	19.2	7.66	41	32.8	37.0	1.39	13.3	3.1	6.2	Y
11/10	17:00	1.33	10.9	7.74	13.88	20,306	0	20,306	64.9	86.4	1.76	24.5	1.05	20.0	7.65	41	32.8	34.4	1.38	12.5	3.1	6.3	Y
11/11	22:00	1.41	11.6	7.74	13.74	21,641	0	21,641	60.3	85.1	1.80	23.6	1.10	18.6	7.66	41	32.8	36.1	1.30	13.8	3.1	6.2	Y
11/12	22:00	1.32	10.9	7.65	13.65	18,597	8,717	27,314	57.3	75.6	1.60	23.7	0.93	19.8	7.75	41	32.8	30.5	1.18	12.9	2.8	5.5	Y
11/13	4:00	1.37	10.7	8.13	13.59	18,628	8,678	27,306	57.0	78.0	1.36	28.7	1.37	18.9	7.55	41	32.8	44.9	1.67	13.4	3.0	6.1	Y
11/14	0:00	1.36	10.9	7.85	13.28	17,699	8,577	26,276	58.2	79.2	1.55	25.5	1.12	19.2	7.77	41	32.8	36.7	1.32	13.9	2.9	5.7	Y
11/15	10:00	1.47	10.5	7.81	12.89	11,194	8,579	19,773	82.8	121.7	2.32	26.2	1.27	17.8	7.75	41	32.8	41.6	1.35	15.4	3.7	7.4	Y
11/16	23:00	1.44	9.0	7.73	13.29	15,755	8,572	24,327	64.3	92.6	1.65	28.1	1.13	19.7	7.63	40	33.6	38.0	1.49	12.8	3.1	6.3	Y
11/17	3:00	1.44	8.9	7.85	13.23	16,308	8,536	24,844	62.2	89.6	1.52	29.5	1.09	19.6	7.61	40	33.6	36.6	1.44	12.7	3.0	5.9	Y
11/18	20:00	1.30	8.9	8.08	13.02	12,037	8,703	20,740	78.6	102.2	1.62	31.5	1.08	19.1	7.73	41	32.8	35.4	1.29	13.7	2.9	5.8	Y
11/19	20:00	1.42	8.3	7.49	13.68	15,522	8,615	24,137	67.0	95.1	1.77	26.9	1.61	18.1	7.64	40	33.6	54.1	1.80	15.1	3.6	7.1	Y
11/20	1:00	1.36	8.3	7.69	13.79	16,444	8,603	25,047	64.3	87.5	1.52	28.7	1.42	17.8	7.55	40	33.6	47.7	1.64	14.5	3.2	6.3	Y
11/21	12:00	1.31	9.2	8.05	13.39	13,152	8,571	21,723	75.3	98.7	1.61	30.6	1.08	16.9	7.81	40	33.6	36.3	1.11	16.3	2.7	5.4	Y
11/22	1:00	1.41	9.3	7.85	13.32	9,599	8,568	18,167	97.0	136.7	2.39	28.6	1.24	17.9	7.74	40	33.6	41.7	1.37	15.2	3.8	7.5	Y
11/23	21:00	1.40	9.8	7.79	13.52	9,382	8,619	18,002	100.2	140.2	2.59	27.0	1.11	16.8	7.65	41	32.8	36.4	1.17	15.6	3.8	7.5	Y
11/24	13:00	1.35	9.6	7.84	13.47	9,416	8,602	18,018	99.5	134.4	2.42	27.7	1.17	18.0	7.72	40	33.6	39.3	1.32	14.8	3.7	7.5	Y
11/25	23:00	1.37	9.6	7.46	13.54	10,092	8,581	18,673	94.6	129.6	2.67	24.3	1.17	18.1	7.51	40	33.6	39.3	1.44	13.6	4.1	8.2	Y
11/26	1:00	1.37	9.5	7.47	13.71	10,075	8,585	18,660	95.9	131.4	2.68	24.5	1.19	18.1	7.47	40	33.6	40.0	1.48	13.5	4.2	8.3	Y
11/27	1:00	1.34	9.1	7.68	13.60	9,815	8,575	18,390	97.2	130.3	2.41	27.1	1.00	17.3	7.62	40	33.6	33.6	1.14	14.7	3.6	7.1	Y
11/28	21:00	1.35	8.4	7.66	13.65	7,383	17,910	25,293	105.9	143.0	2.54	28.2	1.00	18.4	7.70	40	33.6	33.6	1.19	14.1	3.7	7.5	Y
11/29	0:00	1.40	8.2	7.52	13.17	5,527	17,871	23,398	129.4	181.2	3.32	27.3	1.21	18.1	7.62	40	33.6	40.7	1.42	14.3	4.7	9.5	Y
11/30	0:00	1.40	8.0	7.87	13.02	10,106	8,577	18,683	90.9	127.3	2.02	31.4	1.34	18.1	7.69	40	33.6	45.0	1.51	14.9	3.5	7.1	Y

Reviewed By: Todd Evers

Date: 12-04-2024