

OHA - Drinking Water Services -Turbidity Monitoring Report Form


County: Washington

Conventional

Month/Year: December 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	0.03	0.02	0.02	0.03	
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	0.03	0.03	
5	0.03	0.02	0.02	0.02	0.02	0.02	0.03	
6	0.02	0.02	0.02	0.02	0.02	0.02	0.03	
7	0.03	0.03	0.04	0.04	0.03	0.03	0.04	
8	0.03	0.02	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	0.03	0.02	0.02	0.02	0.03	
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	0.03	0.03	0.03	
15	0.03	0.03	0.03	0.02	0.02	0.02	0.03	
16	0.02	0.02	0.02	0.02	0.02	0.02	0.03	
17	0.02	0.02	0.02	0.02	0.02	0.05	0.05	
18	0.02	0.03	0.03	0.03	0.03	0.02	0.05	
19	0.03	0.03	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	0.04	0.03	0.03	0.03	0.04	
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	0.03	0.03	
25	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
26	0.02	0.02	0.02	0.02	0.03	0.03	0.03	
27	0.04	0.03	0.03	0.03	0.03	0.04	0.04	
28	0.05	0.04	0.03	0.03	0.03	0.03	0.05	
29	0.02	0.04	0.03	0.02	0.02	0.02	0.04	
30	0.02	0.02	0.02	0.02	0.02	0.03	0.04	
31	0.03	0.03	0.03	0.03	0.02	0.02	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 ² triggers	Yes		

Notes:	PRINTED NAME: Todd Evers	
	SIGNATURE: 	Date: 01-02-2025
	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
12/1	19:00	1.44	7.0	7.84	14.12	9,568	8,587	18,155	103.0	148.4	2.22	33.4	1.25	17.4	7.68	40	33.6	42.0	1.37	15.4	3.6	7.2	Y
12/2	20:00	1.43	5.9	7.88	13.37	10,203	8,564	18,767	92.6	132.5	1.81	36.6	1.17	15.7	7.77	40	33.6	39.3	1.12	17.6	2.9	5.9	Y
12/3	20:00	1.35	5.6	7.81	13.42	14,748	8,610	23,358	68.6	92.6	1.29	36.0	1.27	16.6	7.69	39	34.5	43.8	1.34	16.3	2.6	5.3	Y
12/4	5:00	1.41	5.3	7.73	13.24	6,894	17,861	24,755	108.6	153.2	2.13	36.0	1.33	16.1	7.66	39	34.5	45.8	1.37	16.8	3.5	7.0	Y
12/5	0:00	1.37	5.3	7.74	13.40	13,573	8,600	22,173	73.4	100.6	1.40	35.9	1.23	15.7	7.55	39	34.5	42.4	1.30	16.4	2.7	5.4	Y
12/6	0:00	1.37	5.3	7.69	13.62	10,001	8,664	18,665	95.7	131.1	1.86	35.3	1.15	15.9	7.75	39	34.5	39.6	1.15	17.2	3.0	6.0	Y
12/7	18:00	1.34	6.2	7.78	14.18	12,497	8,640	21,137	83.1	111.4	1.63	34.2	1.14	15.7	7.61	39	34.5	39.3	1.19	16.6	2.8	5.6	Y
12/8	22:00	1.28	7.4	7.67	13.12	17,439	8,612	26,051	58.2	74.5	1.24	30.0	1.09	16.0	7.59	39	34.5	37.6	1.17	16.0	2.4	4.8	Y
12/9	0:00	1.21	7.4	7.69	13.04	17,365	8,511	25,876	58.2	70.4	1.17	30.0	1.13	16.4	7.57	39	34.5	38.9	1.25	15.6	2.4	4.9	Y
12/10	18:00	1.34	6.6	7.79	13.51	11,297	8,670	19,967	86.0	115.2	1.73	33.4	1.06	16.2	7.80	39	34.5	36.5	1.07	17.0	2.8	5.6	Y
12/11	10:00	1.27	5.9	7.87	13.48	15,427	8,677	24,104	66.3	84.2	1.18	35.7	1.06	14.0	7.65	39	34.5	36.5	0.98	18.6	2.2	4.3	Y
12/12	11:00	1.32	6.3	7.85	13.77	14,472	8,616	23,088	71.5	94.4	1.36	34.7	1.19	16.4	7.67	39	34.5	41.0	1.26	16.3	2.6	5.2	Y
12/13	3:00	1.34	6.6	7.80	13.49	12,558	8,607	21,165	78.8	105.6	1.58	33.5	1.29	16.3	7.66	39	34.5	44.5	1.35	16.5	2.9	5.9	Y
12/14	5:00	1.33	7.0	7.88	13.62	8,795	8,557	17,352	106.5	141.6	2.11	33.5	1.26	16.8	7.67	39	34.5	43.4	1.36	16.0	3.5	6.9	Y
12/15	21:00	1.42	7.8	7.65	13.59	14,884	8,604	23,488	68.9	97.9	1.66	29.5	1.23	17.0	7.54	39	34.5	42.4	1.42	14.9	3.1	6.2	Y
12/16	14:00	1.33	8.1	7.64	13.68	14,305	8,552	22,857	71.8	95.5	1.68	28.5	1.21	15.2	7.58	39	34.5	41.7	1.22	17.1	2.9	5.8	Y
12/17	23:00	1.45	9.3	7.58	13.57	15,197	8,541	23,738	67.7	98.2	1.88	26.1	1.21	18.0	7.54	39	34.5	41.7	1.49	13.9	3.4	6.8	Y
12/18	0:00	1.44	9.3	7.56	13.67	15,527	8,533	24,060	67.0	96.5	1.87	25.9	1.18	18.0	7.61	39	34.5	40.7	1.43	14.3	3.3	6.6	Y
12/19	17:00	1.37	10.0	7.73	13.31	10,657	8,597	19,254	89.0	121.9	2.34	26.0	1.24	16.0	7.59	40	33.6	41.7	1.28	16.3	3.6	7.2	Y
12/20	6:00	1.43	10.0	7.77	13.22	13,118	8,582	21,700	74.5	106.6	2.00	26.6	1.15	18.7	7.57	40	33.6	38.6	1.45	13.4	3.5	6.9	Y
12/21	2:00	1.42	9.8	7.77	13.71	12,132	8,606	20,738	82.4	117.0	2.17	26.9	1.15	18.7	7.61	40	33.6	38.6	1.42	13.6	3.6	7.2	Y
12/22	13:00	1.28	9.5	7.76	13.54	7,999	8,670	16,669	113.9	145.8	2.71	26.9	1.22	15.1	7.65	39	34.5	42.0	1.19	17.6	3.9	7.8	Y
12/23	0:00	1.41	9.5	7.79	13.67	16,228	8,699	24,927	64.4	90.8	1.64	27.6	1.26	16.6	7.62	39	34.5	43.4	1.37	15.9	3.0	6.0	Y
12/24	0:00	1.38	9.5	7.75	13.46	14,167	8,600	22,767	71.2	98.2	1.81	27.1	1.22	17.8	7.59	39	34.5	42.0	1.46	14.4	3.3	6.5	Y
12/25	12:00	1.33	9.2	7.80	13.59	14,212	8,538	22,750	71.7	95.4	1.70	28.0	1.10	18.0	7.58	40	33.6	37.0	1.32	14.0	3.0	6.1	Y
12/26	18:00	1.35	8.9	7.85	13.26	9,063	8,561	17,624	101.1	136.6	2.34	29.2	1.08	17.5	7.48	40	33.6	36.3	1.31	13.9	3.6	7.3	Y
12/27	14:00	1.36	9.4	7.80	13.53	12,898	8,566	21,464	77.4	105.2	1.90	27.7	1.18	18.2	7.60	39	34.5	40.7	1.45	14.0	3.3	6.7	Y
12/28	9:00	1.37	9.5	7.82	13.57	12,955	8,516	21,471	77.4	106.0	1.91	27.8	1.20	17.5	7.59	40	33.6	40.3	1.37	14.7	3.3	6.6	Y
12/29	2:00	1.30	9.6	7.67	13.60	12,708	8,526	21,234	78.8	102.4	1.97	25.9	1.04	18.9	7.55	39	34.5	35.8	1.39	12.9	3.4	6.7	Y
12/30	11:00	1.42	9.3	7.79	13.74	11,315	8,522	19,837	87.6	124.4	2.22	28.0	1.23	16.7	7.59	40	33.6	41.3	1.33	15.5	3.5	7.1	Y
12/31	0:00	1.43	8.9	7.70	13.64	11,382	8,565	19,947	86.4	123.6	2.21	27.9	1.13	18.6	7.52	39	34.5	38.9	1.48	13.2	3.7	7.4	Y

Reviewed By: Todd Evers

Date: 01-02-2025