

OHA - Drinking Water Program - Turbidity Monitoring Report Form Conventional System Name: Joint Water Commission ID#: OR4100379	County: Washington Mo/Yr: Nov-22 WTP-: WTP-A
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DATE	Combined Filter Effluent						HIGHEST READING ¹ (NTU)
	0:00 (NTU)	4:00 (NTU)	8:00 (NTU)	12:00 (NTU)	16:00 (NTU)	20:00 (NTU)	
1-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
2-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5-Nov	0.02	0.03	0.03	0.09	0.05	0.04	0.09
6-Nov	0.03	0.03	0.02	0.02	0.02	0.02	0.03
7-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
8-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9-Nov	0.03	0.03	0.03	0.02	0.02	0.02	0.03
10-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
11-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
12-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
13-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
14-Nov	0.02	0.02	Shutdown	Shutdown	Shutdown	0.02	0.02
15-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
18-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20-Nov	0.02	0.02	0.02	0.02	0.02	0.03	0.03
21-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
22-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
25-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
26-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
27-Nov	0.02	0.03	0.03	0.04	0.02	0.02	0.04
28-Nov	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29-Nov	0.02	0.02	0.02	0.03	0.02	N/A: offline power bump	0.03
30-Nov	0.02	0.02	0.02	0.02	0.02	0.03	0.03

Conventional	Monthly Summary (Answer Yes or No)
95% of daily turbidity readings ≤ 0.3 NTU? Yes All daily turbidity readings ≤ 1 NTU? Yes All turbidity readings < IFE ² triggers Yes	CT's met everyday? (see back) Yes All Cl2 residual at entry point ≥ 0.2 mg/l? Yes

Notes: OFF= WTP Offline for expansion or maintenance work.	PRINTED NAME: Chris Wilson SIGNATURE:	DATE: 12/1/2022 CERT#: T6340
PHONE #: 503-615-6671		

¹ Highest 2 hour reading, 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)(e)(B&C))

Date		CT # 1 (Clearwell Segment)											CT # 2 (Ops Building Pipeline Segment)							Combined CT			
DATE	TIME	FWPS 1 (CT) Cl ₂ Residual (mg/L) *C'	Celsius	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 (mg*min/L) C x T	Clearwell Segment Giardia Log Inactivation (CTa*0.5log/CTr)	Clearwell Required CT (mg*min/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 (mg*min/L) C x T	Ops Bldg Giardia Log Inactivation (CTa*0.5log/CTr)	Ops Bldg Required CT (mg*min/L) (equation)	Total Log Inactivation Provided	Total Inactivation Ratio ΣCTa/CTr	Required CT Achieved? Y/N
1-Nov	4:00	1.38	14.4	7.67	13.49	15917	11790	27707	61.31	84.61	2.23	18.97	1.11	18.4	7.46	43.0	31.26	34.69	1.33	13.03	3.56	7.12	Y
2-Nov	1:00	1.41	13.5	7.91	13.46	14192	11810	26002	67.16	94.70	2.15	22.07	1.16	17.4	7.58	43.0	31.26	36.26	1.24	14.65	3.38	6.77	Y
3-Nov	16:00	1.26	11.5	7.61	13.93	11547	11878	23425	82.03	103.36	2.32	22.28	1.11	17.1	7.45	43.0	31.26	34.69	1.22	14.16	3.54	7.09	Y
4-Nov	22:00	0.94	11.7	7.82	13.68	12627	11970	24597	74.85	70.36	1.54	22.84	1.02	19.2	7.60	43.0	31.26	31.88	1.24	12.88	2.78	5.56	Y
5-Nov	23:00	1.18	11.8	7.65	13.23	17619	12624	30243	54.65	64.48	1.47	21.96	1.09	18.2	7.57	43.0	31.26	34.07	1.24	13.73	2.71	5.42	Y
6-Nov	7:00	1.14	11.4	7.86	13.18	17452	12315	29767	55.11	62.83	1.30	24.17	1.19	18.8	7.58	43.0	31.26	37.19	1.39	13.39	2.69	5.38	Y
7-Nov	0:00	1.14	10.4	7.71	13.15	12717	12142	24859	71.34	81.33	1.66	24.50	0.98	18.3	7.37	43.0	31.26	30.63	1.23	12.50	2.89	5.77	Y
8-Nov	1:00	1.13	9.1	7.71	13.00	12095	12187	24282	73.38	82.92	1.55	26.69	0.99	18.7	7.36	43.0	31.26	30.94	1.27	12.14	2.83	5.66	Y
9-Nov	3:00	1.14	9.0	7.42	13.55	10619	12251	22870	84.82	96.70	1.99	24.26	1.28	14.9	7.50	43.0	31.26	40.01	1.17	17.04	3.17	6.33	Y
10-Nov	3:00	1.37	8.3	7.75	13.66	11026	12210	23236	83.03	113.75	1.94	29.39	1.30	14.5	7.61	43.0	31.26	40.63	1.11	18.26	3.05	6.10	Y
11-Nov	20:00	1.45	8.4	7.94	13.55	12433	12019	24452	75.01	108.76	1.72	31.56	1.27	13.9	7.67	43.0	31.26	39.69	1.02	19.37	2.75	5.50	Y
12-Nov	18:00	1.40	8.8	7.67	13.57	10909	11943	22852	83.55	116.98	2.11	27.70	1.36	14.2	7.51	43.0	31.26	42.51	1.18	18.08	3.29	6.57	Y
13-Nov	17:00	1.28	8.8	7.76	13.59	12880	11927	24807	73.22	93.73	1.66	28.22	1.24	13.3	7.64	43.0	31.26	38.76	0.98	19.86	2.64	5.27	Y
14-Nov	23:00	1.23	8.0	7.98	13.47	14035	12187	26222	67.42	82.93	1.29	32.07	1.27	14.1	7.52	43.0	31.26	39.69	1.10	18.08	2.39	4.78	Y
15-Nov	22:00	1.47	8.0	7.79	13.60	15941	11931	27872	61.60	90.56	1.47	30.78	1.37	13.5	7.58	42.0	32.00	43.84	1.13	19.46	2.60	5.19	Y
16-Nov	2:00	1.37	7.8	7.81	13.49	15174	11927	27101	63.62	87.17	1.40	31.07	1.32	14.3	7.59	43.0	31.26	41.26	1.12	18.41	2.52	5.05	Y
17-Nov	7:00	1.35	6.5	7.72	13.07	10191	11900	22091	85.05	114.81	1.75	32.78	1.30	13.6	7.59	42.0	32.00	41.60	1.08	19.25	2.83	5.66	Y
18-Nov	2:00	1.40	6.1	7.74	13.22	10829	11908	22737	81.93	114.70	1.68	34.13	1.37	14.2	7.60	42.0	32.00	43.84	1.17	18.71	2.85	5.70	Y
19-Nov	3:00	1.27	5.5	7.71	14.16	12907	12038	24945	76.03	96.56	1.39	34.65	1.25	13.5	7.50	42.0	32.00	40.00	1.07	18.64	2.47	4.93	Y
20-Nov	2:00	1.38	5.6	7.72	13.13	13752	11966	25718	67.05	92.53	1.32	34.98	1.25	13.2	7.46	42.0	32.00	40.00	1.07	18.73	2.39	4.78	Y
21-Nov	2:00	1.43	5.6	7.82	13.46	15588	11900	27488	62.13	88.84	1.22	36.50	1.24	13.1	7.48	42.0	32.00	39.68	1.05	18.98	2.26	4.53	Y
22-Nov	0:00	1.25	6.0	7.79	13.03	9385	11871	21256	90.60	113.26	1.65	34.39	1.23	11.2	7.55	42.0	32.00	39.36	0.89	22.18	2.53	5.07	Y
23-Nov	20:00	1.26	7.3	7.71	13.52	10691	11861	22552	84.72	106.75	1.74	30.60	1.11	14.2	7.53	42.0	32.00	35.52	1.00	17.70	2.75	5.49	Y
24-Nov	6:00	1.21	7.3	7.69	13.56	10560	11866	22426	85.81	103.83	1.72	30.21	1.16	14.5	7.50	42.0	32.00	37.12	1.08	17.26	2.79	5.59	Y
25-Nov	23:00	1.40	6.8	7.73	13.59	12424	11836	24260	75.50	105.70	1.63	32.42	1.23	13.2	7.61	42.0	32.00	39.36	1.00	19.75	2.63	5.25	Y
26-Nov	0:00	1.40	6.9	7.74	13.55	12309	11834	24143	75.85	106.18	1.64	32.32	1.23	14.1	7.61	42.0	32.00	39.36	1.06	18.61	2.70	5.40	Y
27-Nov	21:00	1.31	7.8	7.73	13.67	13670	11844	25514	70.28	92.07	1.54	29.97	1.19	14.1	7.51	42.0	32.00	38.08	1.07	17.85	2.60	5.21	Y
28-Nov	7:00	1.33	8.1	7.71	13.45	18205	11856	30061	54.67	72.71	1.24	29.22	1.14	17.3	7.52	42.0	32.00	36.48	1.27	14.39	2.51	5.02	Y
29-Nov	2:00	1.30	7.7	7.66	13.45	17995	11778	29773	55.26	71.84	1.22	29.39	1.11	17.0	7.39	42.0	32.00	35.52	1.27	13.95	2.50	4.99	Y
30-Nov	0:00	1.31	6.7	7.77	13.52	14451	11788	26239	66.50	87.11	1.33	32.77	1.26	15.1	7.27	42.0	32.00	40.32	1.31	15.40	2.64	5.28	Y