


**OHA - Drinking Water Program – Turbidity Monitoring Report Form County: Clackamas
Conventional or Direct Filtration**

System Name: CLACKAMAS RIVER WATER - CLACKAMAS ID #: 4100187 WTP: A Month/Year: Feb-2025

DAY	2 AM [NTU]	6 AM [NTU]	10 AM [NTU]	2 PM [NTU]	6 PM [NTU]	10 PM [NTU]	Highest Reading of the Day ¹ [NTU]
1	off	off	0.08	0.07	off	off	0.08
2	off	0.07	0.07	off	off	off	0.07
3	off	off	0.08	0.07	0.07	0.07	0.08
4	off	off	0.08	0.1	off	off	0.1
5	off	off	0.09	0.09	0.1	0.1	0.1
6	off	off	0.08	0.08	0.09	0.09	0.09
7	off	off	0.08	0.08	0.06	0.06	0.08
8	off	off	0.07	0.06	off	off	0.07
9	off	0.07	0.06	off	off	off	0.07
10	off	off	off	0.08	0.08	0.08	0.08
11	off	off	0.03	0.08	0.08	0.08	0.08
12	off	off	0.07	0.08	0.08	0.08	0.08
13	off	off	0.07	0.08	0.08	off	0.08
14	off	off	0.07	0.07	0.07	0.07	0.07
15	off	off	off	0.08	0.07	off	0.08
16	off	off	off	0.07	0.07	off	0.07
17	off	off	0.08	0.08	off	off	0.08
18	off	off	0.07	0.09	0.09	0.09	0.09
19	off	off	0.07	0.07	0.08	0.08	0.07
20	off	off	0.08	0.09	0.08	0.08	0.09
21	off	off	0.08	0.08	off	off	0.08
22	off	off	off	0.05	0.08	off	0.08
23	off	off	off	0.04	0.06	off	0.06
24	off	off	0.05	0.08	0.08	0.08	0.08
25	off	off	0.07	0.07	0.07	0.07	0.07
26	off	off	0.06	0.04	0.08	0.08	0.08
27	off	off	0.06	0.09	off	off	0.09
28	off	off	0.06	0.06	0.08	0.07	0.08
29							
30							
31							

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met every day? (see back) <input checked="" type="radio"/> Yes / <input type="radio"/> No	All Cl ₂ residuals at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No	
All the 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No			
All turbidity readings < IFE ² triggers? <input checked="" type="radio"/> Yes / <input type="radio"/> No ²			
Notes:	PRINTED NAME: STEVE HOUCK		
	SIGNATURE: 	DATE: 3/3/25	
	PHONE #: (503) 793-3691	CERT #: T341693	

¹ Including continuous turbidity 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. (OAR 333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name: Clackamas River Water-Clackamas ID#: 4100187 WTP: A Disinfection Giardia Log Inactiv: 1

Feb-2025

Date / Time	Pre-Chlorination Segment									Post-Chlorination Segment									Total	CT Met? ³ Yes / No		
	Minimum free chlorine residual after pre-chlorination (C) ₃ [ppm or mg/L]	Peak hourly demand flow (Pre) [GPM]	Contact time (Pre) (T) [minutes]	Actual CT (Pre) C X T	pH (Pre)	temp (Pre) [° C]	Required CT (Total) formula	Actual CT / Required CT (Pre)	Percent log inactivation achieved (Pre)	Minimum free chlorine residual after post-chlorination (C) ₃ [ppm or mg/L]	Peak hourly demand flow (Post) [GPM]	Contact Time (Post) (T) [minutes]	Actual CT (Post) C X T	pH (Post)	temp (Post) [° C]	Required CT (Total) formula	Actual CT / Required CT (Post)	Percent log inactivation achieved (Post)			Actual CT / Required CT Sum of Pre and Post	Total percent of require log inactivation achieved
1/ 20:00	0.98	4249	45.0	44.1	6.95	6.2	48.7	0.9	90.6	1.06	6576	115.7	122.6	7.66	6.7	61.2	2.0	200.3	2.91	290.9	Y	
2/ 13:00	0.81	4687	57.7	46.7	6.96	5.4	50.6	0.9	92.3	1.11	4916	152.7	169.5	7.62	5.1	67.4	2.5	251.5	3.25	343.8	Y	
3/ 19:00	0.91	4166	61.8	56.3	6.98	5.7	50.4	1.1	111.7	1.10	5236	144.1	158.5	7.83	5.3	71.8	2.2	220.8	3.32	332.5	Y	
4/ 08:00	0.63	7590	36.8	23.2	7.05	5.4	50.9	0.5	45.6	1.08	9826	76.1	82.2	7.76	5.3	69.7	1.2	117.9	1.63	163.5	Y	
5/ 16:00	0.27	11999	33.7	9.1	7.01	5.7	47.4	0.2	19.2	1.22	12486	61.9	75.5	7.84	5.7	71.1	1.1	106.2	1.25	125.4	Y	
6/ 16:00	0.88	7229	33.4	29.4	7.02	5.9	50.1	0.6	58.7	1.46	8201	93.5	136.5	7.87	5.9	73.1	1.9	186.7	2.45	245.4	Y	
7/ 21:00	0.82	7298	43.6	35.8	7.02	6.3	48.6	0.7	73.7	1.03	8104	89.3	91.9	7.71	6.3	63.8	1.4	144.0	2.18	217.7	Y	
8/ 17:00	0.82	8812	37.1	30.4	7.02	6.4	48.3	0.6	62.9	1.02	10111	71.3	72.8	7.72	6.3	63.9	1.1	113.9	1.77	176.9	Y	
9/ 11:00	0.79	4576	52.5	41.5	7.00	6.1	48.9	0.8	84.9	1.07	7993	95.0	101.6	7.65	5.9	64.6	1.6	157.3	2.42	242.1	Y	
10/ 16:00	0.91	8812	36.0	32.8	7.05	6.1	50.5	0.6	65.0	1.08	9902	76.0	82.1	7.69	5.9	65.5	1.3	125.3	1.90	190.3	Y	
11/ 15:00	0.70	7173	44.3	31.0	7.07	5.0	53.2	0.6	58.3	1.01	8680	87.4	88.3	7.71	4.4	72.6	1.2	121.6	1.80	179.9	Y	
12/ 17:00	1.16	12062	32.7	37.9	7.08	4.9	56.5	0.7	67.1	1.16	12333	61.2	71.0	7.71	4.7	72.3	1.0	98.2	1.65	165.3	Y	
13/ 16:00	0.86	8895	31.6	27.8	7.05	4.3	56.6	0.5	49.1	1.15	12124	62.2	71.6	7.69	3.7	76.6	0.9	93.5	1.43	142.6	Y	
14/ 15:00	0.72	4673	53.0	38.1	7.05	4.7	54.2	0.7	70.3	1.03	5152	138.2	142.4	7.73	4.1	74.7	1.9	190.6	2.61	260.9	Y	
15/ 22:00	0.89	4541	55.9	49.8	7.02	5.2	52.6	0.9	94.7	1.04	7937	92.9	96.6	7.56	4.8	67.2	1.4	143.8	2.38	238.4	Y	
16/ 14:00	0.92	8798	38.7	35.6	7.02	5.4	52.3	0.7	68.1	1.03	9256	77.2	79.5	7.64	4.9	68.3	1.2	116.4	1.85	184.5	Y	
17/ 08:00	1.02	7123	40.4	41.2	7.05	5.4	53.5	0.8	77.0	1.00	8083	90.8	90.8	7.71	5.3	68.2	1.3	133.1	2.10	210.1	Y	
18/ 13:00	0.97	7215	45.9	44.5	7.04	6.1	50.3	0.9	88.5	1.01	7868	90.5	91.4	7.74	5.9	66.3	1.4	137.9	2.26	226.3	Y	
19/ 13:00	0.75	9472	29.4	22.1	7.02	6.5	47.5	0.5	46.5	1.04	12611	58.2	60.5	7.80	6.3	65.8	0.9	91.9	1.38	138.5	Y	
20/ 14:00	0.87	7229	42.2	36.7	7.05	7.0	47.2	0.8	77.8	0.99	8145	89.0	88.1	7.79	6.8	63.4	1.4	139.0	2.17	216.7	Y	
21/ 09:00	0.99	11972	32.7	32.3	7.05	6.9	48.1	0.7	67.2	1.19	12319	58.7	69.0	7.86	7.0	65.4	1.1	105.5	1.74	172.7	Y	
22/ 20:00	0.96	12048	34.9	33.5	7.06	8.0	44.5	0.8	75.3	1.12	12055	63.3	70.9	7.60	9.9	48.7	1.5	145.6	2.20	220.9	Y	
23/ 17:00	1.01	9895	34.5	34.9	7.06	8.0	45.0	0.8	77.6	1.09	10291	65.4	71.3	7.71	8.3	55.9	1.3	127.5	2.05	205.1	Y	
24/ 15:00	1.04	4986	54.3	56.6	7.16	7.4	48.5	1.2	116.7	1.18	8194	93.6	110.4	7.63	7.8	57.1	1.9	193.3	3.10	310.0	Y	
25/ 15:00	0.74	4562	44.6	33.0	6.99	8.1	42.4	0.8	77.8	1.07	5304	145.8	155.8	7.90	7.8	61.8	2.5	252.1	3.30	329.9	Y	
26/ 16:00	0.87	9513	39.5	34.3	6.94	8.3	41.7	0.8	82.3	1.18	12409	63.5	74.9	8.00	8.1	63.7	1.2	117.6	2.00	199.8	Y	
27/ 09:00	0.99	9638	31.5	31.2	6.97	7.5	45.0	0.7	69.3	1.16	11631	64.3	74.6	7.69	7.9	57.6	1.3	129.5	1.99	198.8	Y	
28/ 20:00	0.86	9215	33.6	28.9	6.00	6.5	33.7	0.9	85.8	1.09	9826	74.6	81.3	7.79	9.0	55.0	1.5	147.8	2.33	233.6	Y	
29/								#DIV/0!	#DIV/0!								#DIV/0!	#DIV/0!		#DIV/0!		
30/								#DIV/0!	#DIV/0!								#DIV/0!	#DIV/0!		#DIV/0!		
31/								#DIV/0!	#DIV/0!								#DIV/0!	#DIV/0!		#DIV/0!		

³ If Cl2 at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.