

**OHA - Drinking Water Services – Turbidity Monitoring Report Form County:
Slow Sand, Membrane, Diatomaceous Earth Filtration or Unfiltered Systems**

System Name: Detroit Water System ID #: 00257 WTP-: A Month/Year: July 2022

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	0.01	0.01			0.01	0.01	0.01
2	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4	0.01	0.01		0.01	0.01	0.01	0.01
5	0.01	0.01	0.01			0.01	0.01
6	0.01			0.01	0.01		0.01
7			0.01	0.01	0.01	0.01	0.01
8	0.01						0.01
9	0.01	0.01	0.01	0.01	0.01	0.01	0.01
10				0.01	0.01	0.01	0.01
11	0.01						0.01
12					0.01	0.01	0.01
13	0.01	0.01	0.01	0.01	0.01	0.01	0.01
14	0.01	0.01	0.01	0.01	0.01	0.01	0.01
15	0.01	0.01	0.01				0.01
16	0.01	0.01	0.01	0.01	0.01	0.01	0.01
17				0.01	0.01	0.01	0.01
18			0.01	0.01	0.01		0.01
19		0.01	0.01	0.01	0.01	0.01	0.01
20	0.01	0.01	0.01	0.01	0.01		0.01
21			0.01	0.01			0.01
22	0.01	0.01	0.01		0.01	0.01	0.01
23	0.01	0.01		0.01	0.01	0.01	0.01
24	0.01	0.01		0.01			0.01
25					0.01	0.01	0.01
26	0.01	0.01	0.01	0.01	0.01	0.01	0.01
27			0.01	0.01	0.01	0.01	0.01
28	0.01			0.01	0.01	0.01	0.01
29	0.01	0.01			0.01	0.01	0.01
30	0.01	0.01	0.01	0.01	0.01	0.01	0.01
31				0.01	0.01	0.01	0.01

Slow Sand/Membrane/DE Filtration/Unfiltered Monthly Summary	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ² <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
Notes:	PRINTED NAME: <u>Robert Bruce</u>	
	SIGNATURE: <u>Robert Bruce</u>	DATE: <u>8-3-22</u>
	PHONE #: <u>(503) 854-3496</u>	CERT #: <u>7136</u>

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 Filtered systems only.

OHA - Drinking Water Program – Surface Water Quality Data Form - Giardia Inactivation

Name: City of Detroit

ID #41: 00257

WTP: A

Month/Year: July 2022

Log Requirement (Circle One): (0.5) 1.0

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[° C]		Use tables	Yes / No	[GPM]
110730	1.06	66	70	15.3	7.4	15	Yes	95
211130	1.07	66	71	13.5	7.4	23	Yes	120
311130	1.10	66	73	13.9	7.4	23	Yes	150
411200	1.12	66	74	14.3	7.3	23	Yes	130
510800	1.14	66	75	13.7	7.3	23	Yes	100
610815	1.17	66	77	15.2	7.3	15	Yes	75
710730	1.16	66	77	15.1	7.3	15	Yes	80
810800	1.19	66	79	15.3	7.3	15	Yes	85
912100	1.26	66	83	17.1	7.5	16	Yes	100
1012045	1.28	66	84	17.4	7.4	16	Yes	100
1112115	1.25	66	83	18.9	7.3	16	Yes	100
1210800	1.15	66	76	18.0	7.3	15	Yes	85
1310800	1.04	66	69	17.3	7.3	15	Yes	90
1410815	1.02	66	67	16.8	7.2	15	Yes	85
1510800	1.01	66	67	16.8	7.3	15	Yes	90
1612130	1.02	66	67	18.0	7.4	15	Yes	90
1712100	1.02	66	67	17.8	7.3	15	Yes	100
1810730	0.98	66	65	16.0	7.3	15	Yes	200
1910800	0.96	66	63	16.5	7.3	15	Yes	110
2010815	0.97	66	64	17.1	7.3	15	Yes	100
2110800	0.96	66	63	17.3	7.3	15	Yes	95
2210800	0.96	66	63	17.4	7.2	15	Yes	100
2311115	0.96	66	63	17.5	7.2	15	Yes	135
2411145	0.98	66	65	17.5	7.2	15	Yes	160
2511220	0.98	66	65	17.6	7.2	15	Yes	140
2611300	0.98	66	65	17.7	7.2	15	Yes	150
2711200	0.86	66	57	20.5	7.3	11	Yes	80
2811249	0.87	66	57	18.1	7.4	15	Yes	170
2911100	0.88	66	58	18.9	7.2	15	Yes	150
3011120	0.83	66	54	20.1	7.2	11	Yes	100
3111200	1.11	106	73	21.5	7.1	12	Yes	100

³ If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWS within 24 hours

Revised September 2016

Download form at: public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-conv-direct.pdf

Return by 10th of following month by email, fax, or mail to:

dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350