

OHA - DWS

Membrane Filter Monthly Operating Report

County: Marion

System Name: Detroit Water System

Month/Year: June/2025

PWS ID#: 41 - 00257

Minimum test pressure applied || req'd: 17.48 psi || 17.48 psi

Plant ID: WTP - A (e.g., "A")

DIT = Direct Integrity Test-on filter(s) [Yes, No, or "off" if all filters are offline] ⇌

PDR = Pressure Decay Rate

LRC = Log Removal Credit

PDR_{Max} [psi/min]

LRC [log removal]

0.080

4.00

DIT
Daily

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest LRV [U] (>15 min duration)	Highest PDR of day [psi/min]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	.0139		.0139	.036	4.454	
2	.0161		.0161	.034	4.459	
3	.022		.022	.034	4.492	
4	.022		.022	.034	4.479	
5	.022		.022	.031	2.73	(2 min. out of PDR Test)
6	.023		.023	.030	4.567	
7	.023		.023	.033	4.482	
8	.023		.023	.030	4.467	
9	.023		.023	.034	4.466	
10	.023		.023	.038	4.4	
11	.023		.023	.038	4.407	
12	.023		.023	.039	4.462	
13	.023		.023	.033	4.482	
14	.025		.025	.034	4.473	
15	.028		.028	.031	4.506	
16	.032		.032	.034	4.39	
17	.035		.035	.034	4.267	
18	.04		.04	.022	4.474	
19	.046		.046	.029	4.465	
20	.051		.051	.029	4.449	
21	.059		.059	.034	4.423	
22	.065		.065	.035	4.443	
23	.075		.075	.036	4.443	
24	.087		.087	.023	4.458	
25	.102		.102	.023	4.45	
26	.116		.116	.034	4.452	
27	.134		.134	.032	4.496	
28	.022		.022	.032	4.427	
29	.157		.157	.034	4.514	
30	.041		.041	.034	4.436	
31						

Compliance summary (operator to complete any blank fields)

95% of daily turbidity readings ≤ 1 NTU? [Y/N]	All turbidity readings ≤ 5 NTU? [Y/N]	All IFE turbidity readings ≤ 0.15 NTU? [Y/N]	Performance std met? [Y/N] (PDR ≤ PDR _{Max} , LRV ≥ LRC)	DIT Daily?
CT's met daily? (p. 2)	All Cl ₂ residual at EP ≥ 0.2 mg/L?	PDR ≤ PDR _{Max} ?	LRV _{ambient} ≥ LRC?	

PRINTED NAME: Robert Bruce
SIGNATURE: Robert Bruce
Notes:

DATE: 7-6-2025
WT CERT #: 7134
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