



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Water Use Advisory Council

February 11, 2025

WUAC Chair Order

November 12, 2024

- Laura Campbell, Michigan Farm Bureau (1-5)
- Bryan Burroughs, Michigan Trout Unlimited (6)
- Pat Staskiewicz, Michigan American Water Works Association (7-13)

Agenda

Water Use Advisory Council (WUAC) Meeting

Hosted by the Department of Environment, Great Lakes, and Energy (EGLE)

Tuesday, February 11, 2025

1:00 p.m. - 4:00 p.m.

**Lee Walker Conference Room, North Atrium, Constitution Hall
525 West Allegan, Lansing, MI 48933**

Remote Option Available Via Teams

[Click here to join the meeting](#)

Or call in (audio only)

+1 248-509-0316,,296143542 United States, Troy

Phone Conference ID: 296 143 542#

Agenda (cont.)

AGENDA

1. Welcome
2. Roll Call
3. Approval of Minutes-Roll Call Vote Discussion
4. Approval of Agenda-Roll Call Vote Discussion
5. Public Comment (Three Minute Limit)
6. Committee Chairs Report
 - a. Data Collection Committee
 - b. Models Committee
 - c. Conservation and Efficiency Committee
 - d. Implementation Committee
 - e. New Topics

Agenda (cont.)

- 7. Legislative Report Recommendations Outreach Plan**
- 8. Wellogic Triage Update**
- 9. EGLE Update**
- 10. Senate Bill 1181**
- 11. Future**
 - a. 2025 Meeting Dates (at Con Hall unless others offer to host) (*Quorum critical meetings)**
 - April 8
 - June 10
 - August 12
 - October 14
 - December 9
 - b. Formats**
 - c. Quorum**
- 12. Open Comments (Three Minute Limit)**
- 13. Motion to Adjourn**

1. Welcome



2. Roll Call



3. Approval of Minutes –Roll Call Vote



4. Approval of Agenda—Roll Call Vote

5. Public Comment

3 Minute Limit

6. Committee Chairs Reports

Data Collection Committee

Update

Models Committee

Update

Implementation Committee

Update

Conservation and Efficiency Committee

Update

Water Conservation and Efficiency Committee (WCEC)

- Met in January and February
 - Refine committee workplan
 - Update from Alliance for Water Efficiency (AWE) project
 - Committee schedule – moving to bimonthly
- Implementing existing projects funded by WUAC
 - Water Conservation BMP Project (2020)
 - AWE presented early results at 2/6 WCEC meeting
 - Gathered feedback and suggestions from committee
 - Team identified: education needs, main drivers for water conservation
 - Water Conservation and Efficiency Practices in Agriculture (2020)
 - Educators are presenting at many winter meetings
 - Connecting with growers and equipment suppliers
 - Ag Irrigation Water and Energy Efficiency Pilot Program (2022)
 - Determining grant administration process

Water Conservation and Efficiency Committee (WCEC)

- Climate Migration and Water Use Research Project Concept
 - Regional interest in the topic
 - Will continue providing updates to WCEC
 - Avoid duplication but ensure proposed regional study is detailed enough to achieve Michigan goals

7. Legislative Report Recommendations Outreach Plan

8. Wellogic Triage Update



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9. EGLE Program Update

Outline

- WUAU Staffing Update
- Funded Projects
 - WUAC Recommendations
 - Other Funding Sources
- Integrated Assessment Case Study
- 327 Metrics
- Michigan Potash
- Questions

Water Use Assessment Unit Staffing

- Garrett Link started 2/3/2025
 - SSR Geologist
- Mike Jugle starts 3/3/2025
 - SSR Geologist

Funded Projects

Information Technology (IT) Projects:

- Environmental Quality Information System (EQUIS)
- Water Withdrawal Assessment Tool (WWAT) updates
 - User interface (WUAC recommendation)
 - Depletion tools (revisions to “batch tools”)
 - Aquifer properties (e.g., transmissivity, storage coefficient; WUAC recommendation)

Funded Projects (continued)

ARPA/legislative appropriations for WUAC recommendations:

- New data provider to National Ground Water Monitoring Network (USGS grant)
- MI Hydrologic Framework & MI Integrated Water Management Database
- Increase water conservation & efficiency in agriculture
- Advancing Michigan's water conservation & efficiency efforts
- Data gap analysis & recommendations for future data collection priorities
- Transition probability mapping in Calhoun & Cass Counties

Funded Projects (continued)

ARPA/legislative appropriations for WUAC recommendations:

- Cumulative downstream depletion tracking (complex water budget)
- USGS research project in water management areas
- Inland Lakes
- USGS study:
 - Aerial magnetic (AEM) survey
 - Additional monitoring wells
 - Additional stream gages
 - Groundwater modeling



Funded Projects (continued)

Groundwater Proposal for Change (PFC):

- PFAS Soil Fate (MPART)
- Historical PFAS (WRD)
- Sampling & Analytical (MMD)
- Groundwater mapping & monitoring wells (GRMD)

Water Use Data Collection by USGS (joint funding agreements):

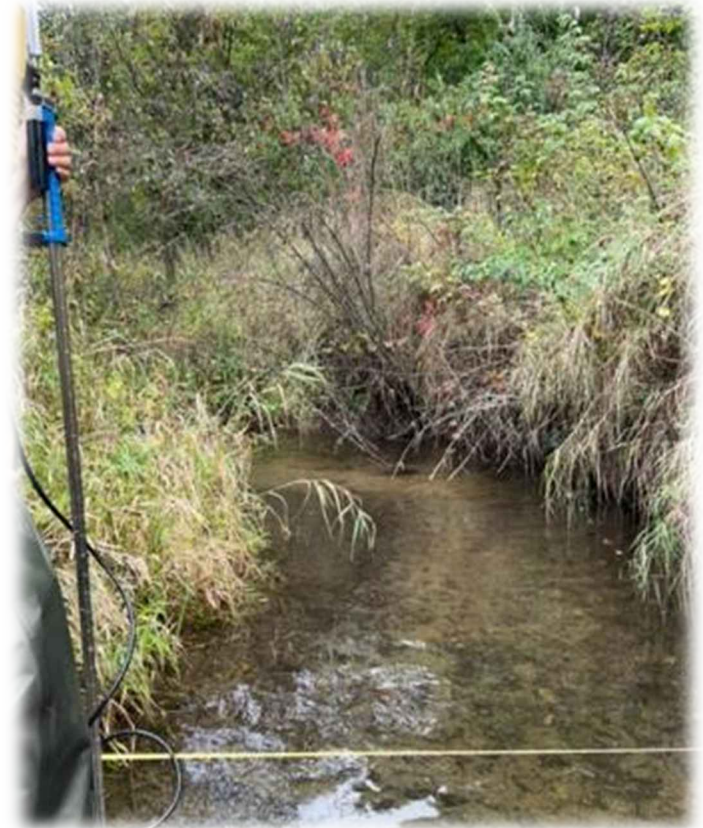
- Stream gages
- Miscellaneous flow measurements
- Michindoh Aquifer modeling

Other GRMD grant supports:

- Michigan Geological Survey (MGS) operations

Other Funded Projects:

- Water User Committee Guidebook (OGL)



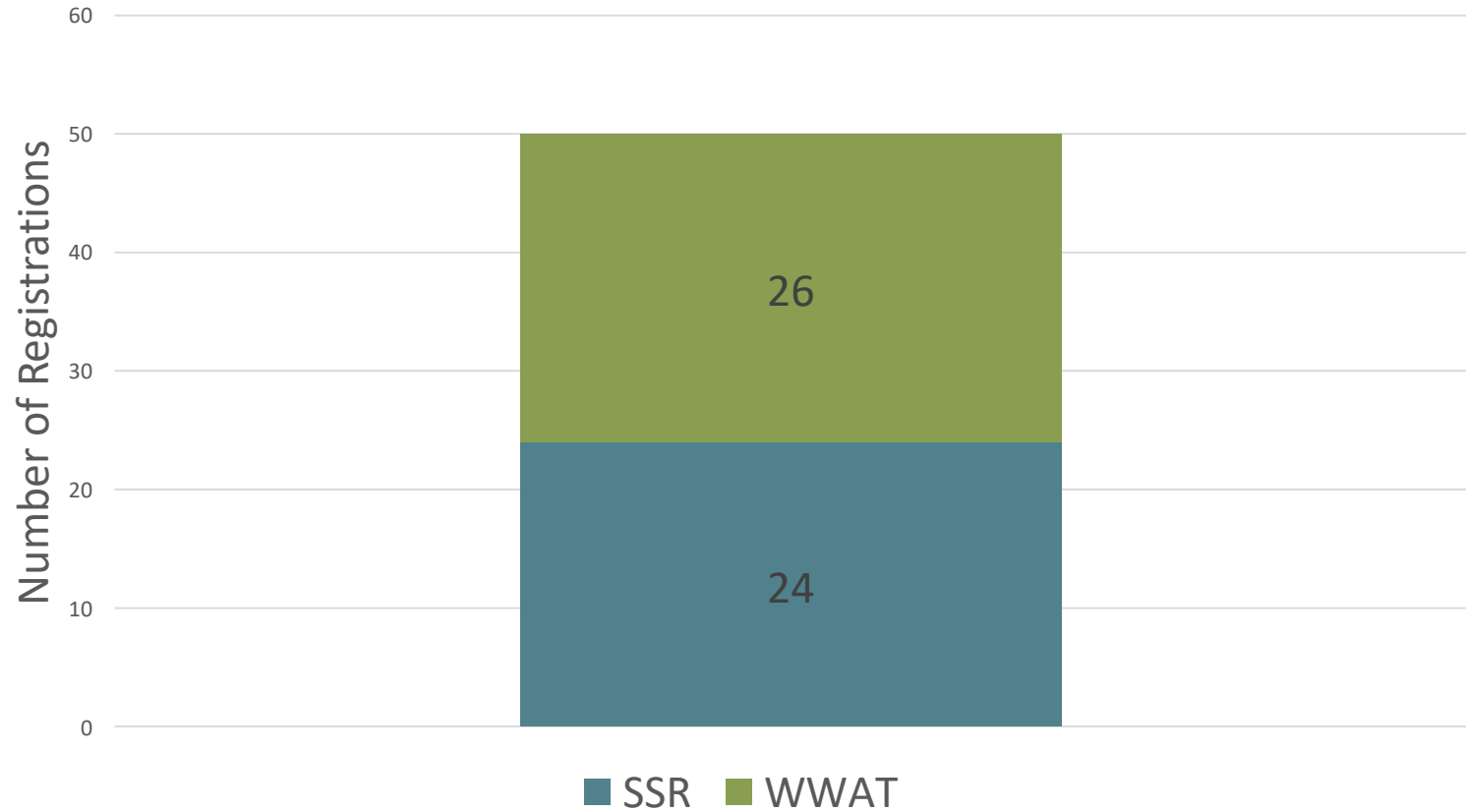
WMA 10018, 9/25/24

Stream Flow Measured to be 2.99 cfs

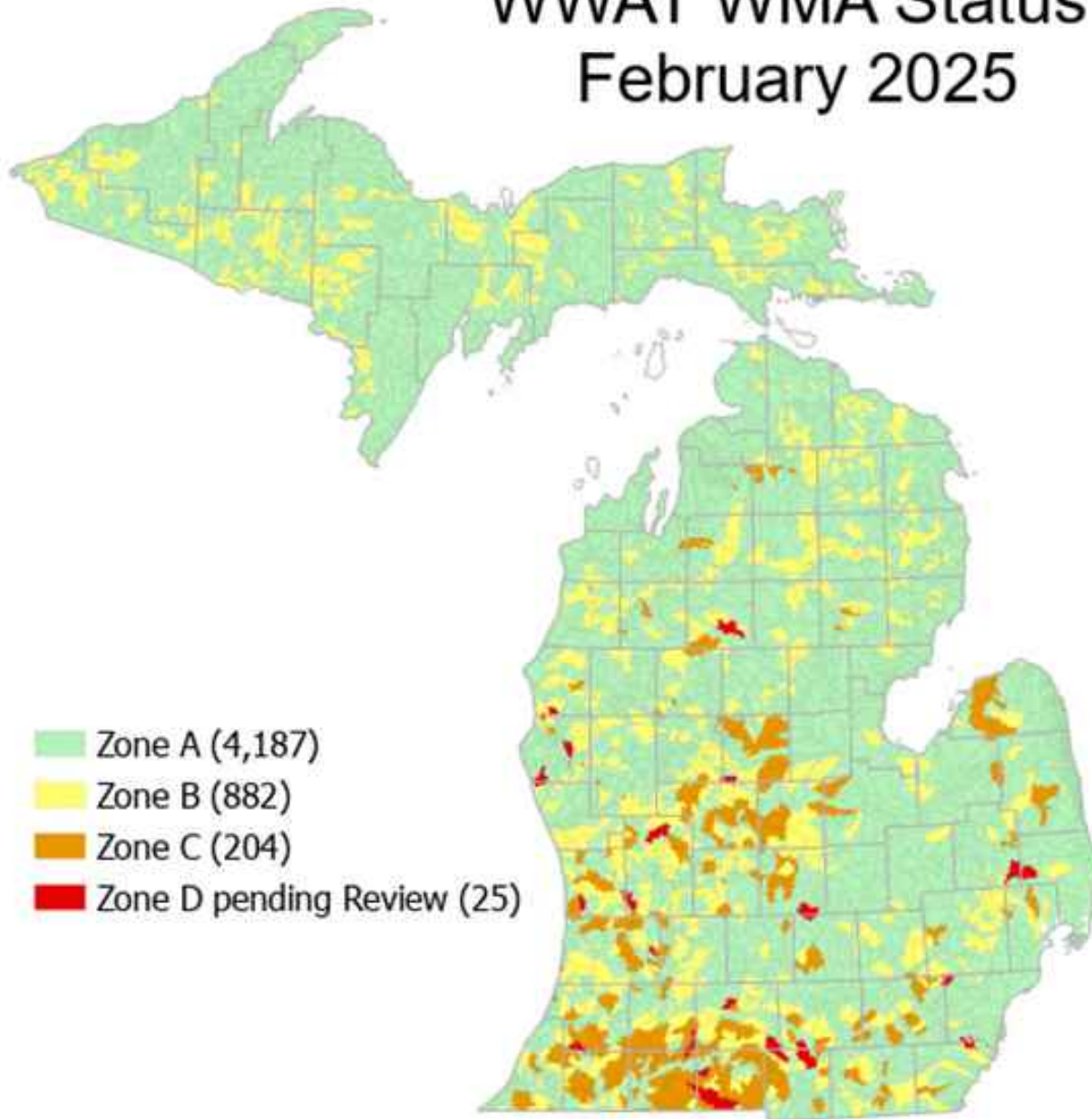
Integrated Assessment Case Study

- Draft Guidebooks
- Draft Final report
- Next Steps

Registrations Requested January 2025 through February 6, 2025: WWAT & SSR



WWAT WMA Status February 2025



Michigan Potash Update

- Comment period for revisions to proposed air permit closes by midnight 2/13/2025

egle-aqd-ptipubliccomments@michigan.gov

- Public information meeting 2/5/2025
- WRD virtual public hearing on wetlands permit application 2/13/2025
- GRMD Part 625 Mineral Wells Solution Mining & Disposal Wells permits

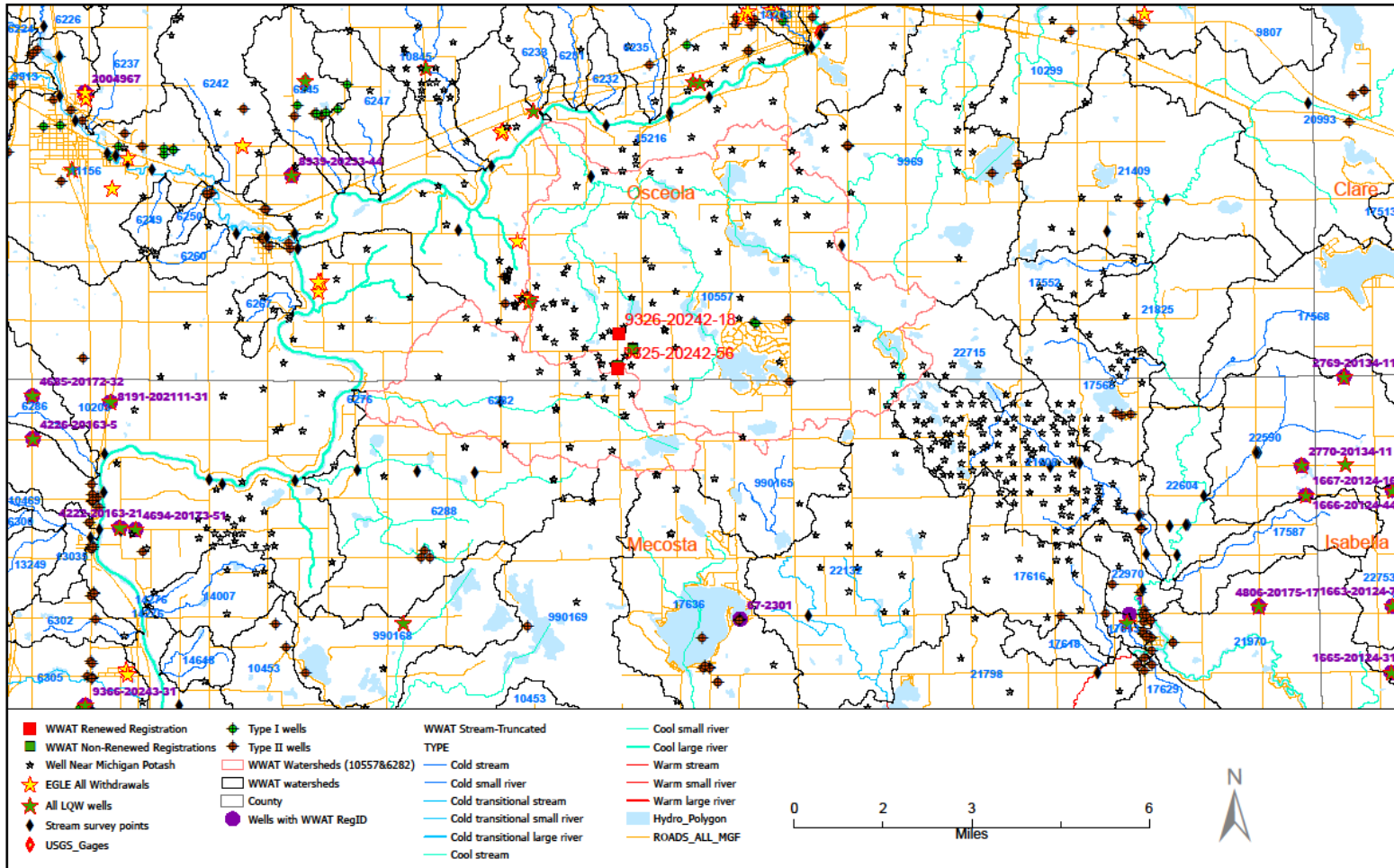
WWAT Registrations

- Registration 9325-20242-56
 - Debits WMAs 6282 (50.5 gpm) & 10557 (51.3 gpm)
 - 380 gpm pump capacity
 - Expires 8/16/2025 if pump not installed & connected to power source
- Registration 9326-202412-18
 - Debits WMA 10557 (386.9 gpm)
 - 1,000 gpm pump capacity
 - Expires 8/16/2025 if pump not installed & connected to power source

Water Management Areas

- WMAs 6282 (Pogy Creek) & 10557 (Big Stone Creek) are both classified as cool streams.
- WMA 6282 is currently in Zone A and has 221 gpm available.
- WMA 10557 is currently in Zone C and has 291 gpm available.

MI Potash Area Details



Questions?

Jim Milne

Water Use Assessment Unit

EGLE Geologic Resources Management Division

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Michigan Department of
Environment, Great Lakes, and Energy

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10. Senate Bill 1181

11. Future

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3 Minute Limit

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