



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Water Use Advisory Council

August 13, 2024

WUAC Chair Order

August 13, 2024

- Dave Hamilton, The Nature Conservancy (1-5)
- Bryan Burroughs, Michigan Trout Unlimited (6-8)
- Laura Campbell, Michigan Farm Bureau (9-14)

Agenda

Water Use Advisory Council (WUAC) Meeting

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

Tuesday, August 13, 2024

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, 979460526#](#) United States, Pontiac

Phone Conference ID: 979 460 526#

AGENDA

Agenda (cont.)

1. Welcome
2. Roll Call
3. Approval of Agenda – Roll Call Vote
4. Approval of Minutes-Roll Call Vote Discussion
5. Public Comment (Three Minute Limit)
6. Introduction of EGLE Member and Department Reorganization
7. Committee Chairs Report
 - a. Data Collection Committee
 - b. Models Committee
 - c. New Topics Committee
 - d. Conservation and Efficiency Committee
 - e. Implementation Committee
8. Nominations for Officers and Committee Chairs
9. Recommendations for the Legislative Report

Agenda (cont.)

10. Budget Update

11. EGLE Update

12. Future

a. 2024 Meeting Dates (at Con Hall unless others offer to host)

(*Quorum critical meetings)

- September 10, 2024*
- October 8, 2024*
- November 12, 2024*
- December 10, 2024

b. Formats

c. Quorum

13. Open Comments (Three Minute Limit)

14. Motion to Adjourn

1. Welcome



2. Roll Call



3. Approval of Agenda –Roll Call Vote



4. Approval of Minutes—Roll Call Vote

5. Public Comment

3 Minute Limit

6. Introduction of EGLE Staff

Department Reorganization Update

7. Committee Chairs Reports

- A. Data Collection Committee
- B. Models Committee
- C. New Topics Committee
- D. Conservation and Efficiency Committee
- E. Implementation Committee

Water Conservation and Efficiency Committee

Update

Water Conservation and Efficiency Committee

- Continue monthly meetings with break in July
- Implementing existing projects funded by WUAC
 - Water Conservation BMPs
 - Alliance for Water Efficiency (AWE) making progress on stakeholder engagement
 - AWE met with Michigan Chamber of Commerce to invite participation and presented to their Energy and Environment Committee
 - Water Conservation and Efficiency Practices in Agriculture.
 - MSU-Extension hired both educators
 - Advisory committee will be up and running by mid-September
- Preparing an update for each project for the 2024 WUAC report to the legislature

Water Conservation and Efficiency Committee

- 2024 Recommendation Concepts
 - Committee subgroup having ongoing discussion
 - Concept – create a pilot grant program to fund water conservation pilot projects in areas of potential water stress at the community level and hire a limited-term employee to lead the pilot grant program and additional water conservation initiatives and programming

Water Conservation and Efficiency Committee

- Continued research needs discussion
- Invited Dr. George Smith, director of AgBioResearch at Michigan State University to meet with Committee
 - Leads agricultural experiments in all land grant state universities
 - Created an Agricultural Climate Resiliency Program
 - Surveyed growers on top priorities - Climate change and water are most popular issues among surveyed growers
 - New competitive grant program focuses on multidisciplinary teams with a field component, working on adaptation to extreme events, focus on water use efficiency with models and technology

8. Nominations for Officers & Committee Chairs

Update

9. Recommendations for Legislative Report

Update

10. Budget Update



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11. EGLE Program Update

Water Use Advisory Council

August 13, 2024

Outline

- Compact 5-year program review draft report
- EGLE Geologic Resources Management Division
- 2020 Recommendations
- EGLE Groundwater Data Management System
- AquaBounty/Michindoh Aquifer
- Part 327 annual metrics 7/9/23-7/8/24



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

5-Year Water Management and Water Conservation Program Review

Simon Belisle

Office of the Great Lakes

517-331-6390 | belisles@michigan.gov

Overview

- 5-year review is a Compact requirement
- Compact requires each state and province to review their water management program
- All 10 Great Lakes and St. Lawrence States and Provinces Complete 5-year Review

Process

- State agencies wrote the draft document
- Draft went to the Compact Council on Friday, June 28
- **Formal public input process until Thursday, August 29**
- Government to government consultation with Tribes late summer/early fall
- Integrate all comments
- Final report to Compact Council in December 2024

Process

- Please submit comments by end of Friday, September 13
- belisles@michigan.gov

General Comments

- No changes in any legislations or regulations
- Creation of the Water Conservation and Efficiency Committee of the Water Use Advisory Council
- Water Use Advisory Council received funding from the legislature to implement recommendations set forth in 2020 report to the legislature
- New outreach activities, more targeted outreach
- Emphasis on groundwater data (acquiring and managing)

Geologic Resources Management Division

- Water Use Assessment Unit (WUAU) transferred from Water Resources Division to Oil, Gas, and Minerals Division
- Oil, Gas, and Mineral Division renamed Geologic Resources Management Division (GRMD)
- WUAU and new Groundwater Data Unit in new Groundwater and Geological Services Section in GRMD

2020 Recommendations

- MI Hydrologic Framework
- Transition Probability Mapping
- Update Aquifer Properties in WWAT
- WWAT User Interface

EGLE Groundwater Data Management System

- Earthsoft is the contractor
- Environmental Quality Information System (EQuIS)
- Development team meetings in progress

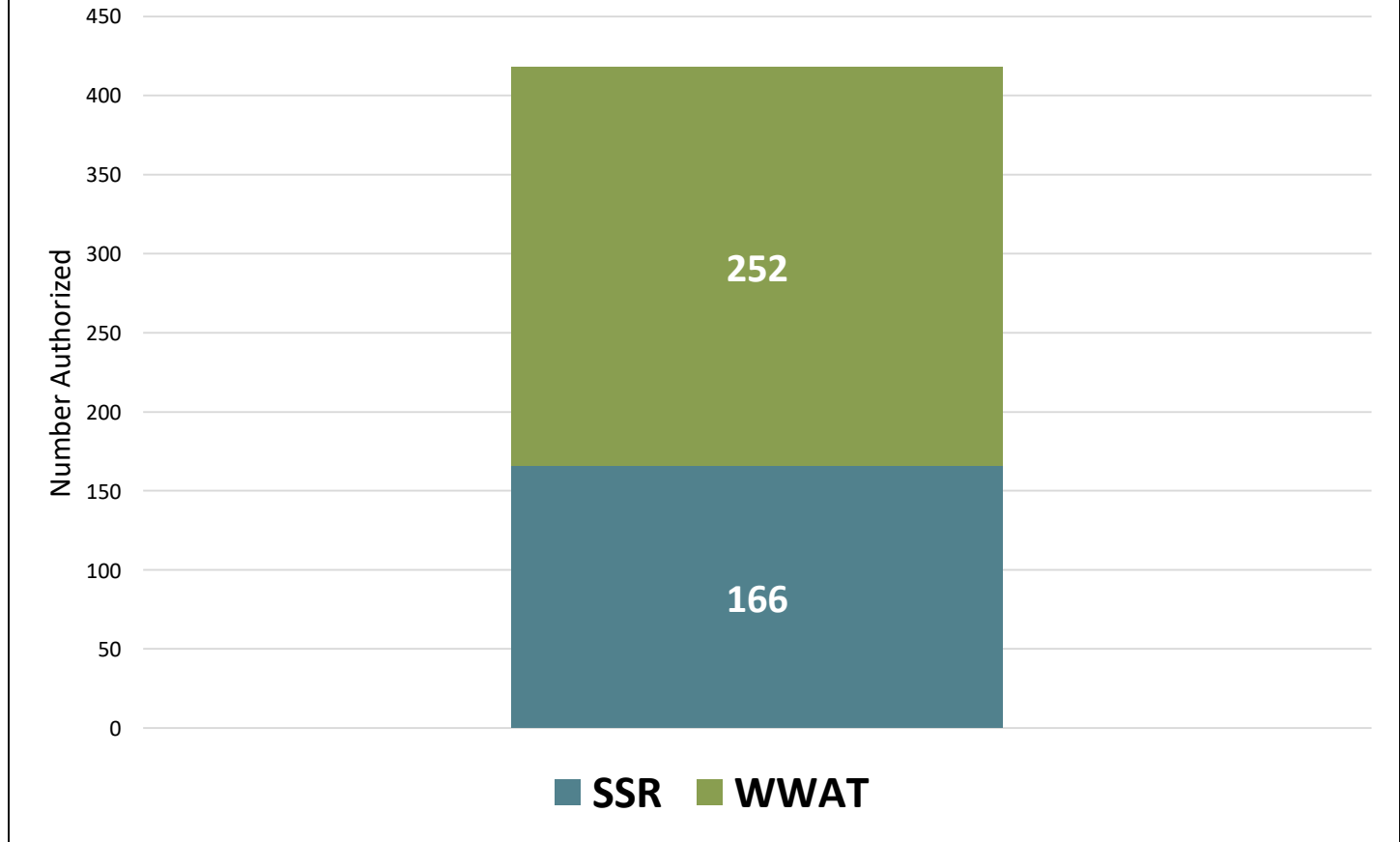
AquaBounty

- AquaBounty work delayed
- Shallow & deep monitor wells drilled at Amboy Township Hall, Hillsdale County
- Drilling at 2nd & 3rd locations in progress
- USGS to install transducers in monitoring wells
- Groundwater elevation data to be posted on USGS web site

Part 327 Annual Metrics

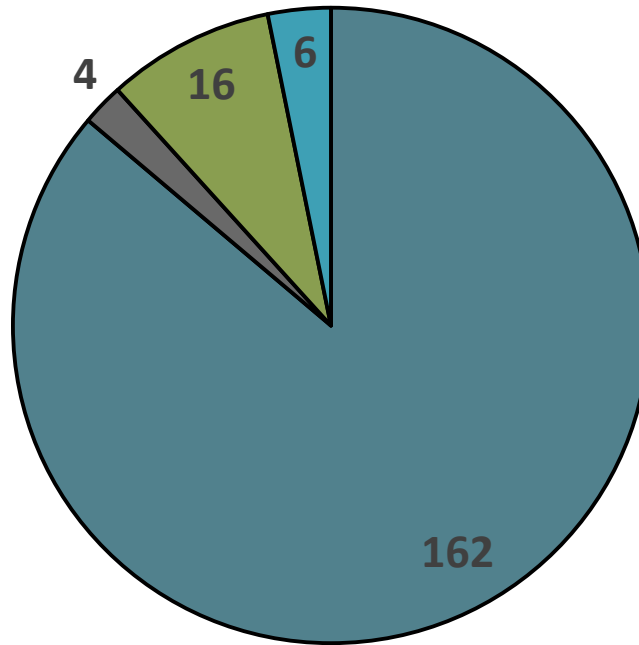
- July 9, 2023-July 8, 2024
- 252 WWAT registrations
- 166 SSR registrations
- 84 late SSR determinations
- 7 voluntary SSR requests—0 late

LQWs Authorized During 2024: WWAT & SSR



July 9, 2023 – July 8, 2024

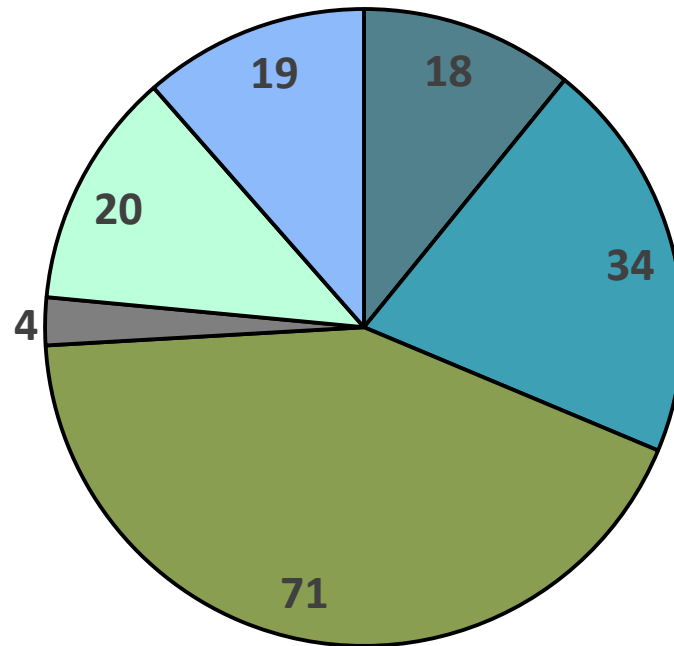
Total SSRs Received



■ Authorized ■ Denied ■ Retracted ■ Pending

July 9, 2023 – July 8, 2024

All Completed SSR Determinations 2024



■ SSR A ■ SSR B ■ SSR C ■ SSR D ■ SSR Geology Pass ■ Baseline

July 9, 2023 – July 8, 2024

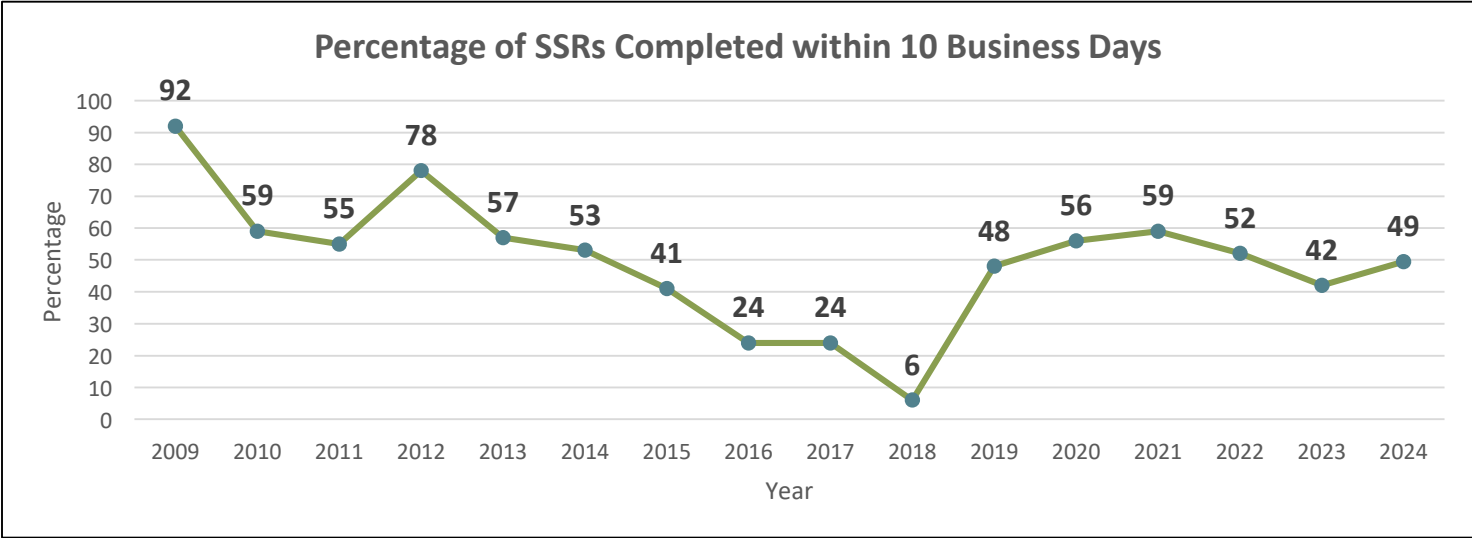
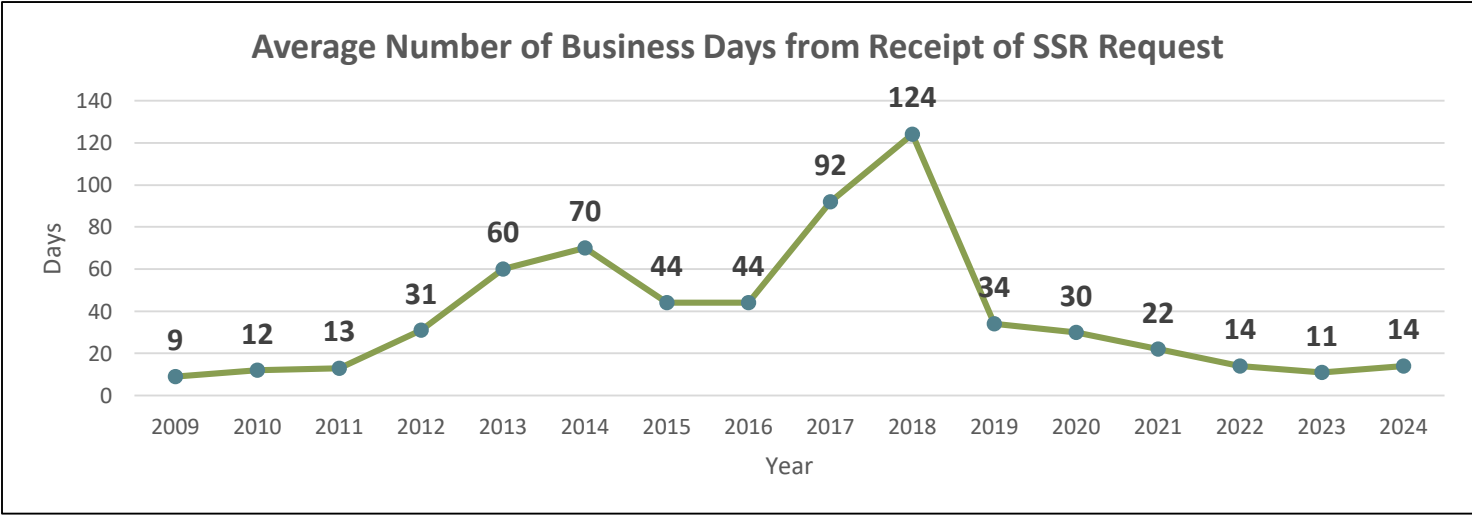
2023 Timeliness

Average Number of Business Days
from Receipt of SSR Request: **14 Days**

Percentage of SSRs completed
within 10 Business Days: **49 %**

Statutory Deadline: 10 Business Days

July 9, 2023 – July 8, 2024



Statutory Deadline: 10 Business Days

Pre-Screening Review Metrics

July 9, 2023 to July 8, 2024

- 27 Pre-Screening Reviews Completed
- 7 Zone A
- 9 Zone B
- 5 Geology Pass
- 2 Zone C
- 0 Zone D
- 4 Baseline Capacity Replacements

327 Permit Metrics

- July 9, 2023 - July 8, 2024
- 2 permits issued
- 1 application retracted
- 4 applications pending

Compliance Metrics

- 7/9/2023 through 7/8/2024
- Compliance Communications 104
 - After the Fact Registration 12
 - Missing Pump Information Requests 4
 - Revised Registrations 76
 - Installation Verifications 12
- Violation Notices 17
- 9 violations closed after coming into compliance

Questions?

Jim Milne

Water Use Assessment Unit

EGLE Geologic Resources Management Division

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Michigan Department of
Environment, Great Lakes, and Energy

800-662-9278

Michigan.gov/EGLE



Follow us at: Michigan.gov/EGLEConnect

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