



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

# Water Use Advisory Council

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June 14, 2022

# Co-Chair Laura Campbell

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Agenda Items 1-6

# 1. Welcome

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# WUAC Chair Order for 6/14/22

- Laura Campbell, Senior Conservation & Regulatory Relations Specialist  
Michigan Farm Bureau (Items 1-6)
- Bryan Burroughs, Executive Director  
Michigan Trout Unlimited (Items 7-8)
- Brian Eggers, Principal  
AKT Peerless Environmental (Items 9-12)

## Water Use Advisory Council (WUAC) Meeting

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

**Tuesday, June 14, 2022**

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

Con Con Conference Rooms A and B, South 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)**

[+1 248-509-0316,580078897#](#) United States, Pontiac

Phone Conference ID: 580 078 897#

### AGENDA

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. Legislative Update
7. Committee Chairs Reports
  - A. Data Collection Committee
  - B. Models Committee
  - C. New Topics Committee
  - D. Conservation and Efficiency Committee
  - E. Implementation Committee
8. 2022 WUAC Report Update: Content, Logistics and Timeline
9. EGLE Update
10. Future
  - a. Remaining 2022 Meeting Dates
    - August 9 (Tuesday)
    - September 13 (Tuesday)
    - October 11 (Tuesday)
    - November 10 (Thursday)
    - December 5 (Monday)
  - b. Formats
  - c. Quorum
11. Open Comments (3 Minute Limit)
12. Motion to Adjourn



## **2. Roll Call**



## **3. Approval of Agenda –Roll Call Vote**



## **4. Approval of Minutes—Roll Call Vote**

# 5. Public Comment

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3 Minute Limit

# 6. Legislative Update

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# Co-Chair Bryan Burroughs

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Agenda Items 7-8

# 7. Committee Chair Reports

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# A. Data Collection Committee

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Bryan Burroughs

Megan Tinsley

# A. Data Collection Committee

- Recent Activities
- May 23 Committee Meeting Presentations:
  - Brian Roth (MSU): Inland Lake Bathymetry Mapping pilot project
  - Todd Feenstra (Tritium, Inc.): Barron Lake (Cass County) Augmentation Study
- Data protocols spreadsheet in Google Docs

# B. Models Committee

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Dave Hamilton

Jim Nicholas

# C. New Topics Committee

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Pat Staskiewicz

Jason Walther



The New Topics Committee has not met.



There is no report at this time.

# D. Conservation and Efficiency Committee

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Emily Finnell

Kelly Turner



# D. Conservation and Efficiency Committee

- Reviewed and discussed 2020 Recommendations and New Funding
  - Recommendation 1. Advance Michigan's Water Conservation and Efficiency Efforts through State Climate, Energy, and Water Infrastructure Initiatives.
    - Discussed potential for funding for review and update of water sector bmps with focus on how climate migration/climate change may impact water sectors and how they are planning to mitigate and adapt
    - EGLE is looking to determine if there are additional internal funding that could be used to match the \$50k identified in the 2020 report to scope a more robust project.
    - Advance progress on Recommendation 2. Ag Efficiency – MSU ready to proceed if funded. Provided thoughts and direction to implementation committee about how EGLE currently has an agreement with MSU that might be an avenue to move this recommendation forward. EGLE will investigate if this is an option.

# D. Conservation and Efficiency Committee

- Dr. Dong and Lyndon Kelley from MSU presented on a recommendation for an ag water and energy efficiency program. Committee suggested edits and will look at the written recommendation at our July meeting.
- Committee members are reaching out to the MI Aquaculture Association to determine interest in setting BMP's

# E. Implementation Committee

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Laura Campbell

Doug Needham

# 8. 2022 WUAC Report

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Content, Logistics and Timeline

# Co-Chair Brian Eggers

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Agenda Items 9-12



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# 9. Program Update

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Water Use Advisory Council

June 14, 2022

# Outline

- Personnel Update
- Program Metrics
- Depleted Water Management Area Update
- EGLE Stream Flow Measurements
- EGLE Groundwater Data Warehouse
- Questions

# WUAU Personnel Updates

- Christopher Gothberg
- Geologist 9-11 Modeler position



# Compliance Numbers

April 1, 2022, to May 31, 2022

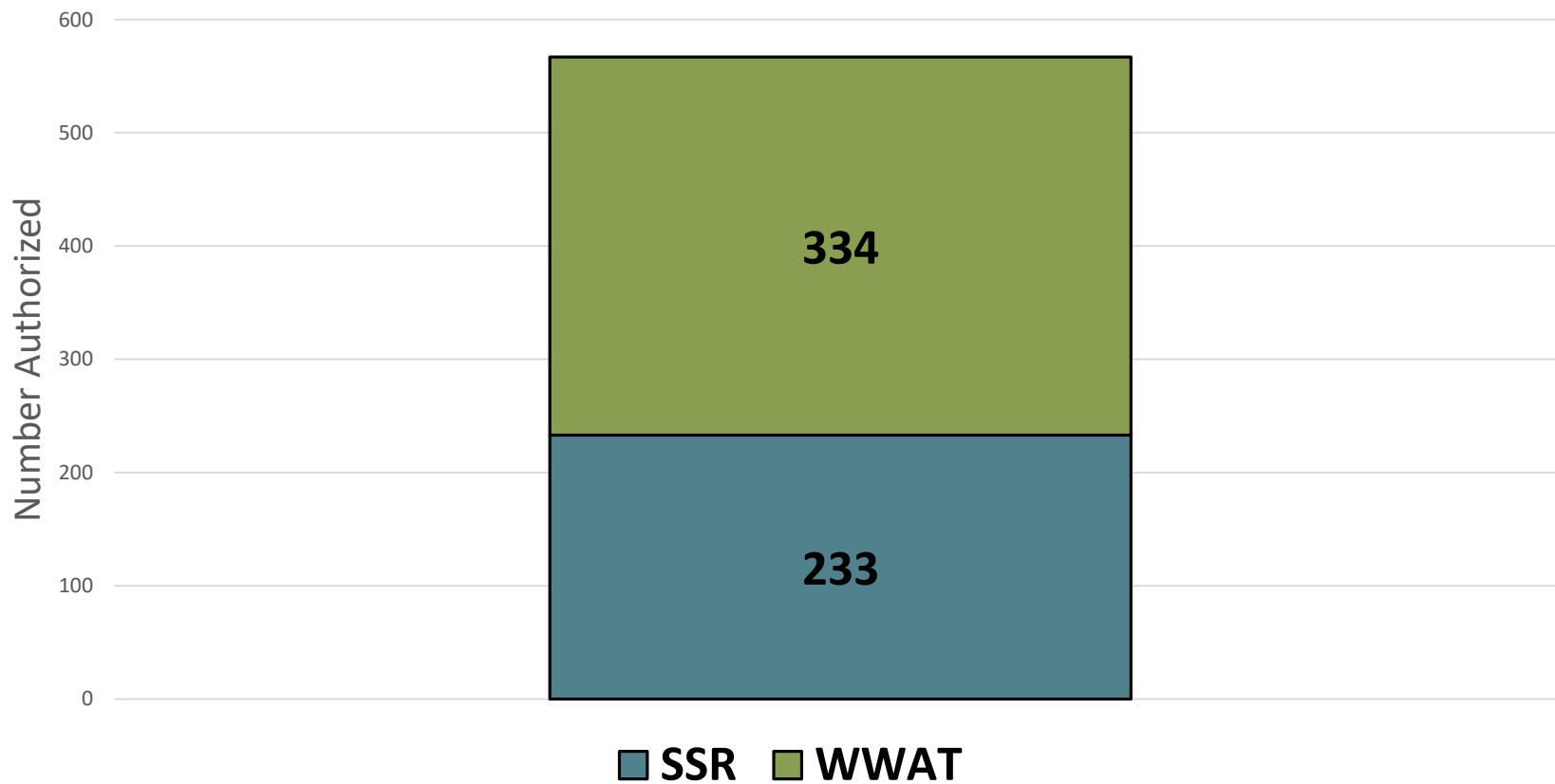
- Compliance Communications 31
  - After the Fact Registrations 1
  - Missing Pump Information Requests 7
  - Revised Registrations 22
  - Installation Verification Requests 1
- Violation Notices 3
- Complaints 1

# Annual Metrics

January 1, 2022, to present

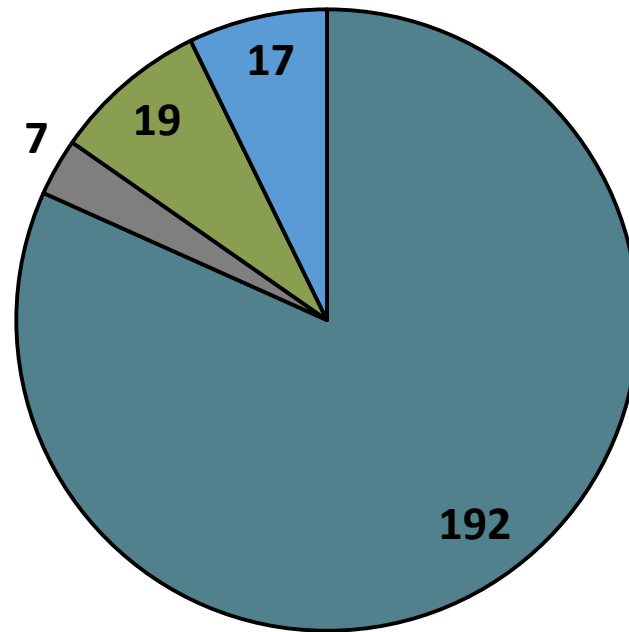
- 8 Pre-screening Reviews Passed
  - 4 Zone A
  - 4 Zone B
  - 0 Zone C
  - 0 Baseline Replacement
- 0 Pre-screening Reviews Denied
- 1 Pre-screening Review Retracted
- 6 327 Permits Issued

## LQWs Authorized During Program Year 12: WWAT & SSR



July 9, 2021 – May 31, 2022

## Total SSRs Received and Determinations Made During Program Year 13



■ SSRs Authorized   ■ Denied   ■ Retracted   ■ Still Pending

July 9, 2021 – May 31, 2022

## Program Year 13 Timeliness

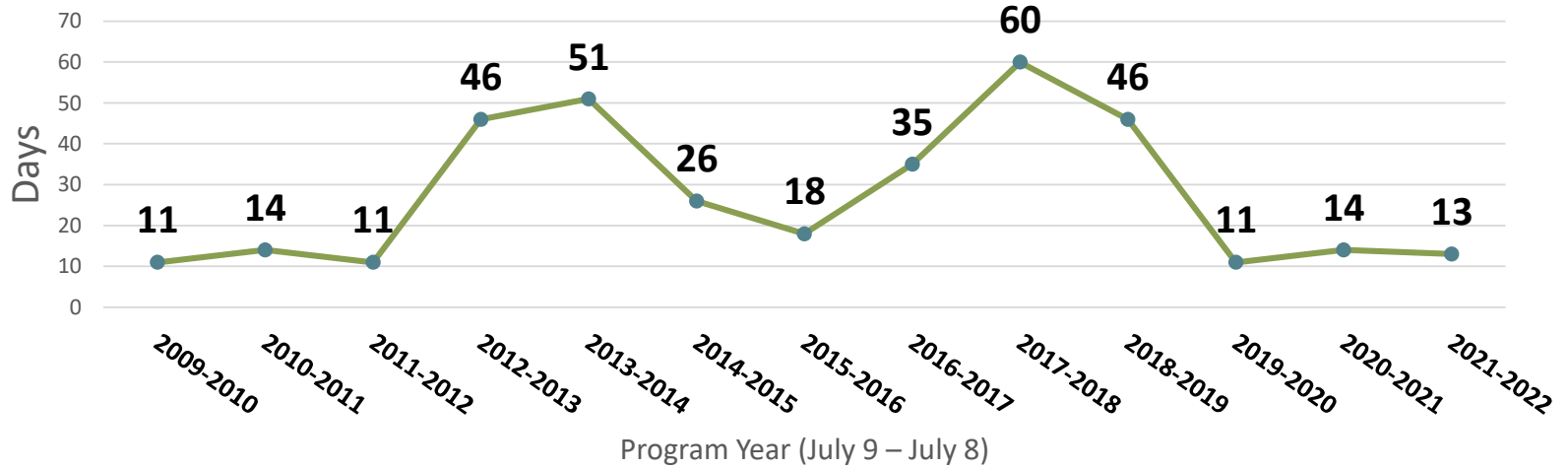
Average Number of Business Days  
from Receipt of SSR Request: **13.1 Days**

Percentage of SSRs completed  
within 10 Business Days: **51%**

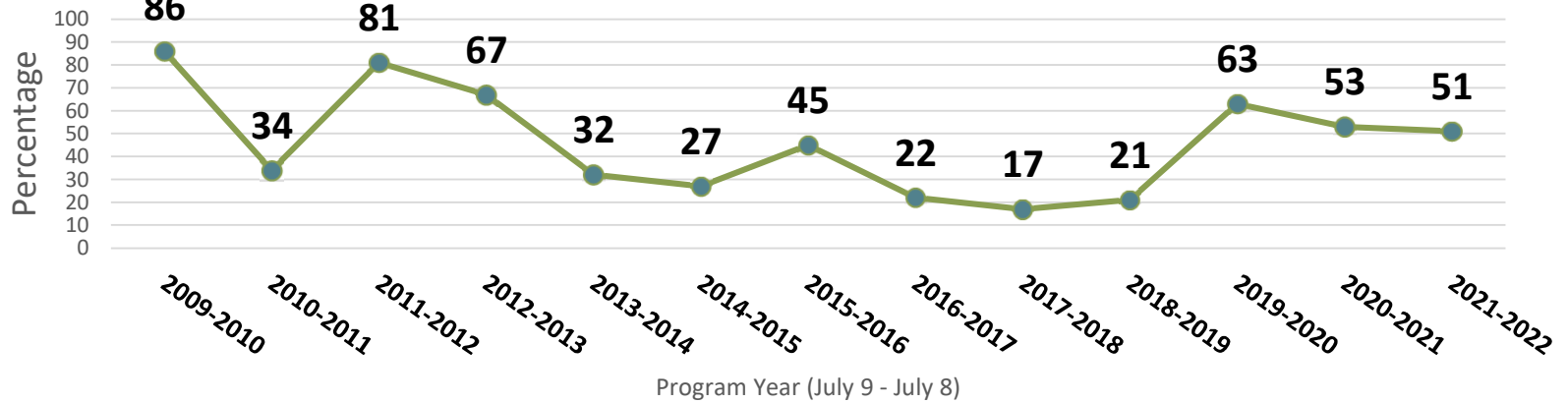
Statutory Deadline: 10 Business Days

July 9, 2021 – May 31, 2022

### Average Number of Business Days from Receipt of SSR Request



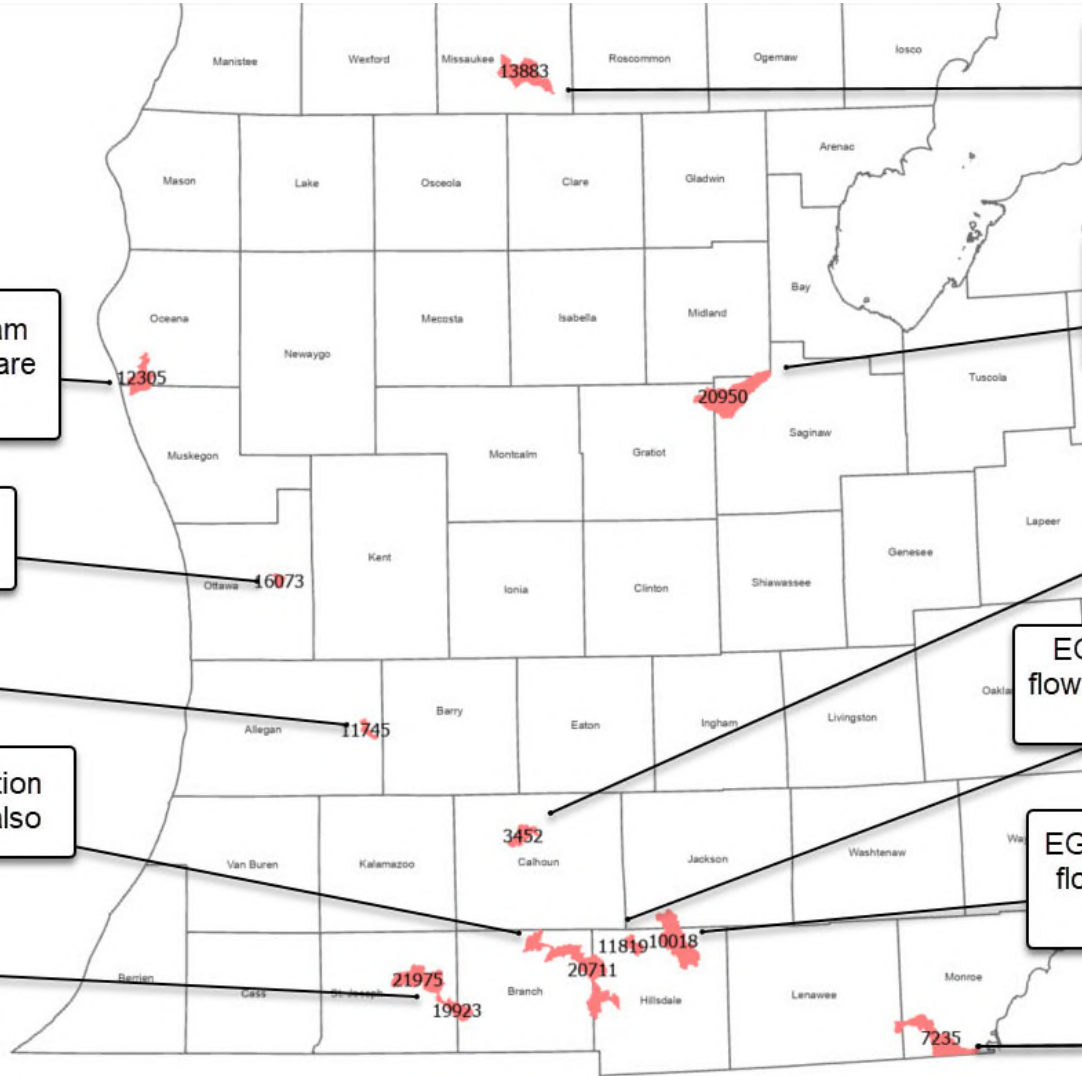
### Percentage of SSRs Completed within 10 Business Days



## Depleted Watersheds as of 6/1/2022

Name	Number	County	Type	Index Flow (gpm)	Allowable Depletions	Current Depletions without SSRs
Conger Drain	11819	Hillsdale	Cool Stream	1121	337	-358
South Branch Kalamazoo River	10018	Hillsdale/Jackson	Cool Stream	1930	482	-357
Greggs Brook	11745	Allegan	Cool stream	853	213	-174
Halfway Creek	7235	Monroe/Lenawee	Warm Stream	583	140	-101
Dickinson Creek (USGS Station #: 041035285)	3452	Calhoun	Cold Transitional Stream	898	39	-65
	12305	Oceana/ Muskegon	Cool Stream	4443	1111	-51
Greggs Brook	20950	Saginaw/Gratiot/ Midland	Warm Stream	135	32	-33
Butterfield Creek	13883	Missaukee	Cold Transitional Stream	6732	269	-26
Hog Creek	20711	Branch/Hillsdale	Warm small river	6727	1373	-11
Swan Creek	19923	St. Joseph/Branch	Warm stream	6727	1939	-11
Ottawa Creek	16073	Ottawa	Cold transitional stream	374	18	-10
Spring Creek	21975	St. Joseph	Warm Stream	4111	1185	-7

# Depleted Water Management Areas as of June 1, 2022



EGLE has been collecting stream flow measurements to compare to IFR.

EGLE has been collecting stream flow measurements to compare to IFR.

EGLE is reviewing data submitted for 2 ATF withdrawals

EGLE will be collecting stream flow measurements to compare to estimated depletions.

EGLE has been collecting stream flow measurements to compare to estimated depletions.

EGLE is reviewing geology and installed parameters

EGLE will be collecting stream flow measurements to compare to estimated depletions.

Database error, EGLE is reviewing.

Pending installation of two new withdrawals.

Withdrawal miss-classification error, EGLE is reviewing, also

Both WMAs: Depletion calculation error, EGLE is reviewing.



# EGLE Groundwater Data Warehouse

- Lean Process Improvement Project
- Master Data Warehouse
- Linked to Existing Databases & GIS
- DWEHD, MMD, OGMD, RRD, WRD, & DTMB
- Groundwater, Geologic, & Surface Water Data

# Questions?

Andy LeBaron  
Water Use Assessment Unit  
EGLE Water Resources Division  
517-599-3792  
[lebarona@michigan.gov](mailto:lebarona@michigan.gov)

Michigan Department of  
**Environment, Great Lakes, and Energy**

800-662-9278

Michigan.gov/EGLE



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# 10. Future

## Remaining 2022 Meeting Dates

- August 9 (Tuesday)
- September 13 (Tuesday)
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# 10. Future

b. Formats

c. Quorum

# 11. Open Comments

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3 Minute Limit

# 12. Motion to Adjourn

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