



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Water Use Advisory Council

February 9, 2021

1. Welcome

WUAC Chair Order for 2/9/21

- Laura Campbell, Manager (Items 1-6)
Agricultural Ecology Department
Michigan Farm Bureau
- Brian Eggers, (Item 7-11)
AKT Peerless

Water Use Advisory Council (WUAC) Meeting
Tuesday, February 9, 2021
1:00 p.m. - 3:00 p.m.

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

[Click here to join the meeting](#)

[+1 248-509-0316, 588965136#](#) United States, Pontiac

Phone Conference ID: 588 965 136#

AGENDA

1. Welcome
2. Roll Call
3. Approval of Agenda-Roll Call Vote
4. Approval of Minutes-Roll Call Vote
5. Public Comment
6. Next Step After Submission of Legislative Report
 - a. Discussion of next steps following up on report.
 - b. Identify people interested in advocating and supporting report recommendations.
7. Committee Chairs Reports
 - A. Data Collection Committee
 - B. Implementation Committee
 - C. Models Committee
 - D. New Topics Committee
 - E. Conservation and Efficiency Committee
8. EGLE Update
9. Next Meeting Dates and Formats
10. Open Comments
11. Motion to Adjourn

2. Roll Call

3. Approval of Agenda –Roll Call Vote

4. Approval of Minutes—Roll Call Vote

5. Public Comment

6. Next Steps After Submission of Legislative Report

- A.) Discussion of next steps following up on report
- B.) Identify people interested in advocating and supporting report recommendations

Co-Chair Brian Eggers

Agenda Items 7-11

7. Committee Chair Reports

A. Data Collection Committee

Bryan Burroughs

Tom Zimnicki

B. Implementation Strategies Committee

Laura Campbell

Doug Needham

C. Models Committee

Dave Hamilton

Jim Nicholas

D. New Topics Committee

Pat Staskiewicz

Jason Walther

E. Conservation and Efficiency Committee

Emily Finnell

Kelly Turner

Conservation & Efficiency Committee

- Reviewed Committee membership and added members from MSUE, DTE, MCC, EGLE
- Developed an annual work plan for 2021
 - Reviewing both 2020 recommendations and starting work on those initiatives Emily secured Dow Fellows project team
 - Started a list of speakers to bring in to increase committee knowledge
 - Will review and provide input into MI Water Conservation & Efficiency Program annual program assessment
 - GAP review by each water use sector to ensure they are up to date
 - Look at new technologies to build infiltration and recharge capacities
- Scheduled standing monthly meetings



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8. Program Update

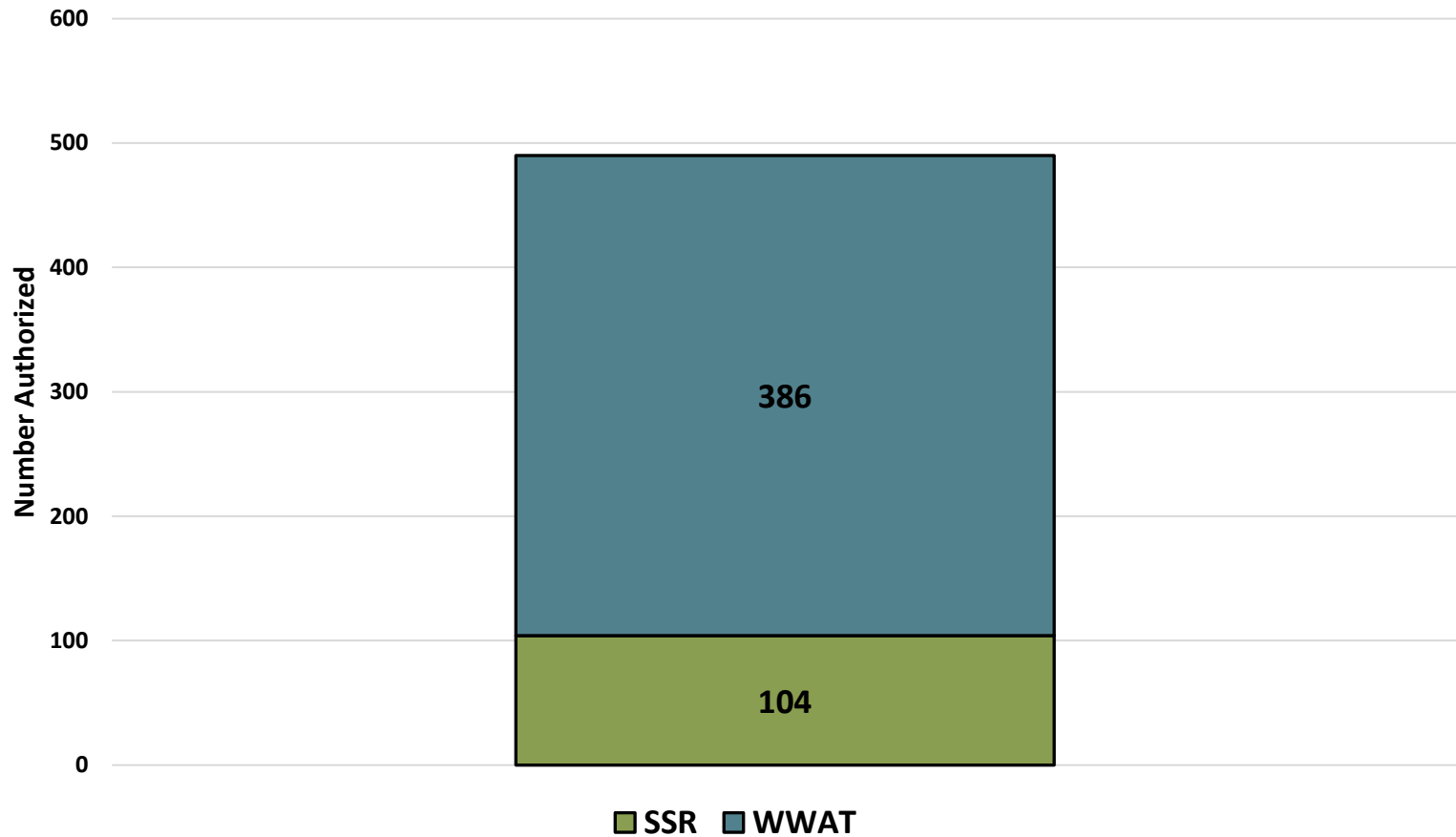
Water Use Advisory Council

February 9, 2021

Outline

- Water Use Program Metrics for Program Year 12
- Cumulative Statistics Program Years 1-12
- Depleted WMA Status Update
- Compliance Metrics for Program Year 12
- Pre-Screening Reviews

LQWs Authorized During Program Year 12: WWAT & SSR



July 9, 2020 – February 3, 2021

Program Year 12 Timeliness

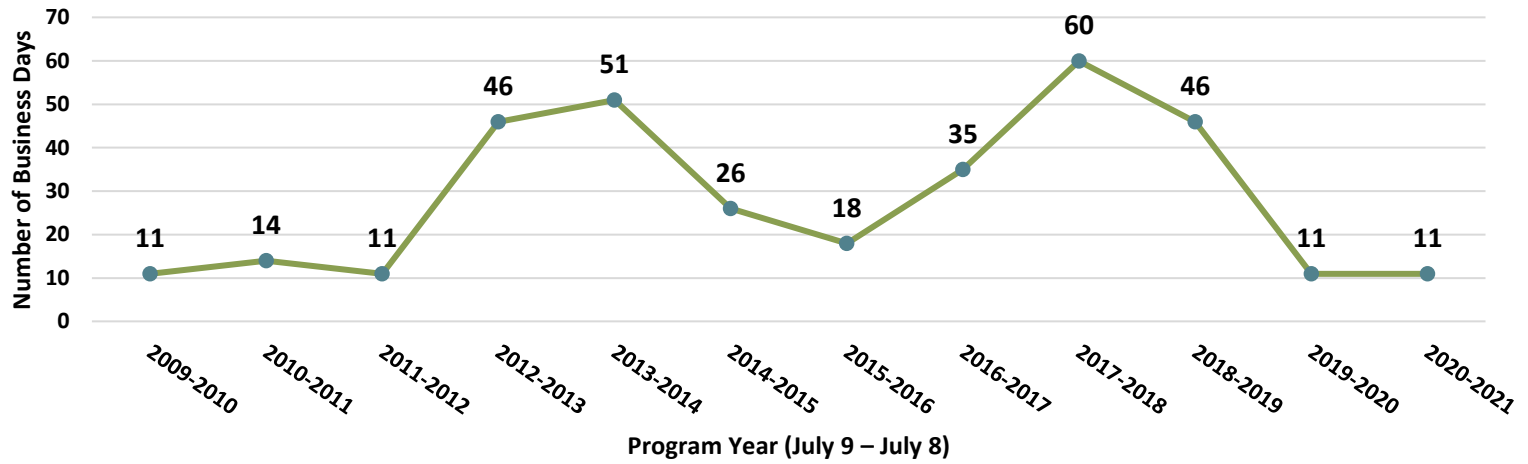
Average Number of Business Days
from Receipt of SSR Request: **10.9 Days**

Percentage of SSRs completed
within 10 Business Days: **70%**

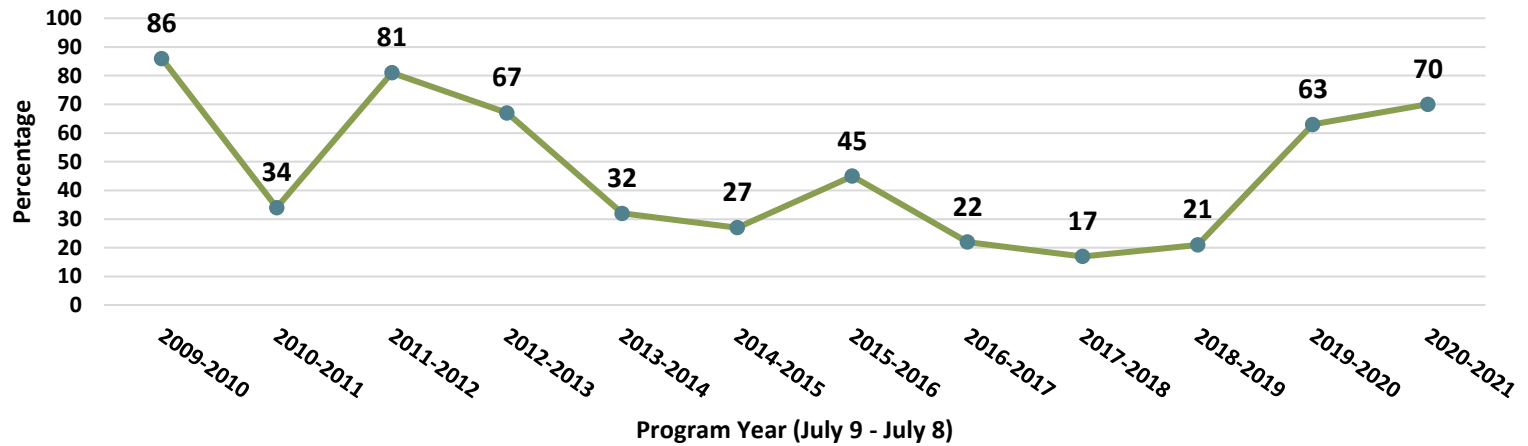
Statutory Deadline: 10 Business Days

July 9, 2020 – February 3, 2021


Average Number of Business Days from Receipt of SSR Request



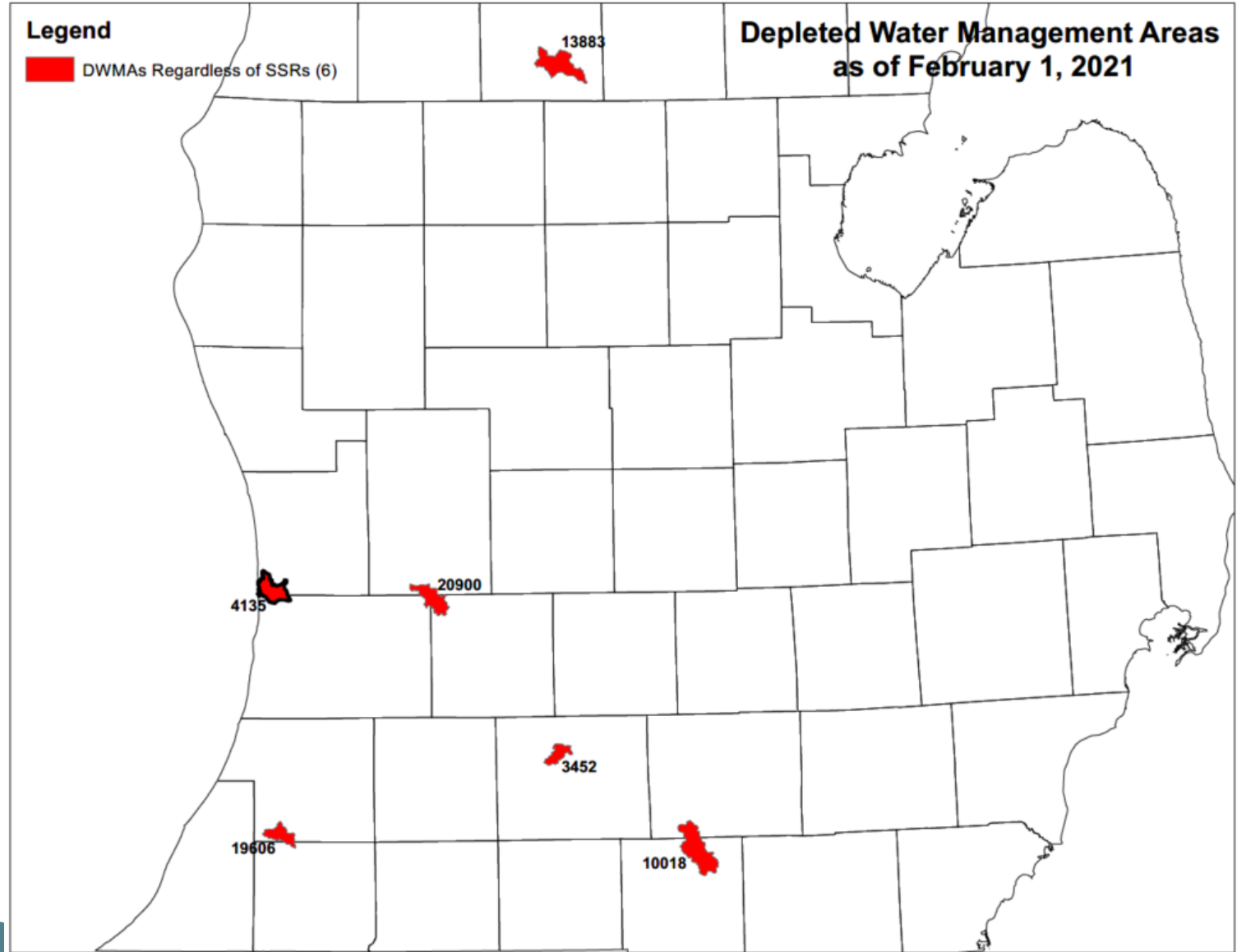
Percentage of SSRs Completed within 10 Business Days



Legend

 DWMAs Regardless of SSRs (6)

**Depleted Water Management Areas
as of February 1, 2021**



Depleted Watersheds as of 2/1/2021

Name	Number	County	Type	Index Flow (gpm)	Allowable Depletions	Current WMA Status	Comments/Next Steps
South Branch Kalamazoo River	10018	Hillsdale/Jackson	Cool Stream	1,930	482	-357	The tool previously gave bedrock auto pass to wells that are not confined; miscellaneous streamflow measurements were taken during 2020 to evaluate current conditions.
Dickinson Creek (USGS Station #: 041035285)	3452	Calhoun	Cold transitional stream	898	39	-146	The tool previously gave bedrock auto pass to wells that are not confined; a gage has been installed to monitor the WMA. Two SSRs have recently been requested by a new property owner for previously unregistered wells (6151-201206-51 and 6152-202006-38); EGLE recently received a workplan, which is currently under review. Additionally, this WMA contains an unregistered irrigation well on tribal land, which is depleting the WMA an estimated 8 gpm, which is not currently accounted for. In the summer of 2020, the USGS gage shows flow dropped below the ARI line.
Osborn Drain (USGS Station #: 041015313)	19606	Van Buren/Cass	Cold transitional stream	1,571	63	-102	Multiple violations in this WMA, which are currently being addressing through after-the-fact registrations (pending SSR) and decreasing withdrawals. If the aquifer property data from the Cass County Study is applied to the wells in this WMA the WMA will be depleted more. In the summer of 2020, the USGS gage shows flow dropped below the ARI line.
Macatawa River	4135	Ottawa/Allegan	Warm Small River	5,386	916	-99	SSR for temporary dewatering project expected to be completed in 2020 (debiting 29 gpm), compliance issues for one farm, and index flow review came back lower than expected. Working with owner/pump installer of the compliance issue to verify the capacities of the pumps installed in horizontal wells.
Butterfield Creek	13883	Missaukee	Cold transitional stream	6,732	269	-26	An error was made when trying to reset zone cut offs per Section 32706(e), the WMA's zone cut offs was reset to the top of Zone B in error.
Duncan Creek	20900	Kent, Barry, Allegan	Warm Stream	485	140	-14	Revised index flow came back significantly less than the WWAT's original estimate.

WMAs that are impacted by the Bedrock Auto Pass Engagement

WMAs that are impacted by open Violations

WMAs outlined in black are areas where the Water Use Advisory Council's Data Collection Committee is recommending using a different storage coefficient in the WWAT.

Allowable depletions were calculated by multiplying the index flow by the present allowable depletion for the stream classification

Current WMA Status were calculated to exclude pending SSR depletions, unless they are for after the fact registrations

* Index Flow based on the WWAT's original estimate, until hydraulic studies staff update the WMA

Compliance Metrics

November 2020 through January 2021

Compliance Communications:

Amended registrations 90

After the fact registrations 52

Missing pump information 21

Registration install verification 15

First Violation Notices 3

Second Violation Notices 0

Violations Closed 1

Complaints Received 2

Public Water Supply Pre-Screening Reviews

From November 1, 2020 through January 31, 2021:

- Passed: 8 Pre-screening requests
- Denied: 0 Pre-screening requests
- Retracted: 1 Pre-screening requests

Questions?

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9. Next Meeting Dates and Formats

- April 13, 2021
- June 8, 2021
- August 10, 2021
- October 12, 2021
- December 14, 2021

10. Open Comments

11. Motion to Adjourn
