



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Water Use Advisory Council

June 8, 2021

1. Welcome

WUAC Chair Order for 6/8/21

- Laura Campbell, Manager (Items 1-6)
Agricultural Ecology Department
Michigan Farm Bureau
- Bryan Burroughs, Executive Director (Items 7-8)
Michigan Trout Unlimited
- Brian Eggers, Principal (Items 9-12)
AKT Peerless Environmental

Water Use Advisory Council (WUAC) Meeting
Tuesday, June 8, 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](#)

[+1 248-509-0316,201623328#](#) United States, Pontiac

Phone Conference ID: 201 623 328#

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 Report Implementation Update
7. City of Ottawa, Ontario Update
8. Committee Chairs Reports
 - A. Data Collection Committee
 - B. Implementation Committee
 - C. Models Committee
 - D. New Topics Committee
 - E. Conservation and Efficiency Committee
9. EGLE Update
10. Next Meeting Dates and Formats
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

6. Legislative Report Implementation Update

Co-Chair Bryan Burroughs

Agenda Items 7-8

7. City of Ottawa, Ontario

City of Ottawa, Ontario Application for LQW

- City of Ottawa, Ontario applied to Quebec for LQW - 185 MGD for public water utility
 - For public water supply purposes
 - Transfer of water from Quebec to Ontario
 - Stays within St. Lawrence River Basin watershed
 - Move drinking water intake from Ontario side of Ottawa River to Quebec
 - Current intake prone to ice blockage, new location at deeper river channel

- March 29, City of Ottawa submitted application to Quebec to lift ban on water transfers based on public interest
- May 21, Quebec public noticed the application for comment, June -Sept 2021
- Fall, Quebec expects to give formal notice to parties to Compact/Agreement
- Agreement requires 90 day review period for LQW that exceed 5 MGD for a new or increased consumptive use

8. Committee Chair Reports

A. Data Collection Committee

Bryan Burroughs

Tim 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

- New member, Ninah Sasy, Michigan Infrastructure Council, Executive Director
- Continued speaker series
 - Consumers Energy
- Water Conservation Measure Review and Update Process Ongoing
- Dow Fellows Project Underway
- Great Lakes and Fresh Water Week, June 5-13, 2021

Co-Chair Brian Eggers

Agenda Items 9-12



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9. Program Update

Water Use Advisory Council

June 8, 2021

Outline

- Personnel Updates
- Depleted WMA Status Update
- Unreported LQW Initiative
- Unregistered LQWs
- Increased WUAU Field Presence

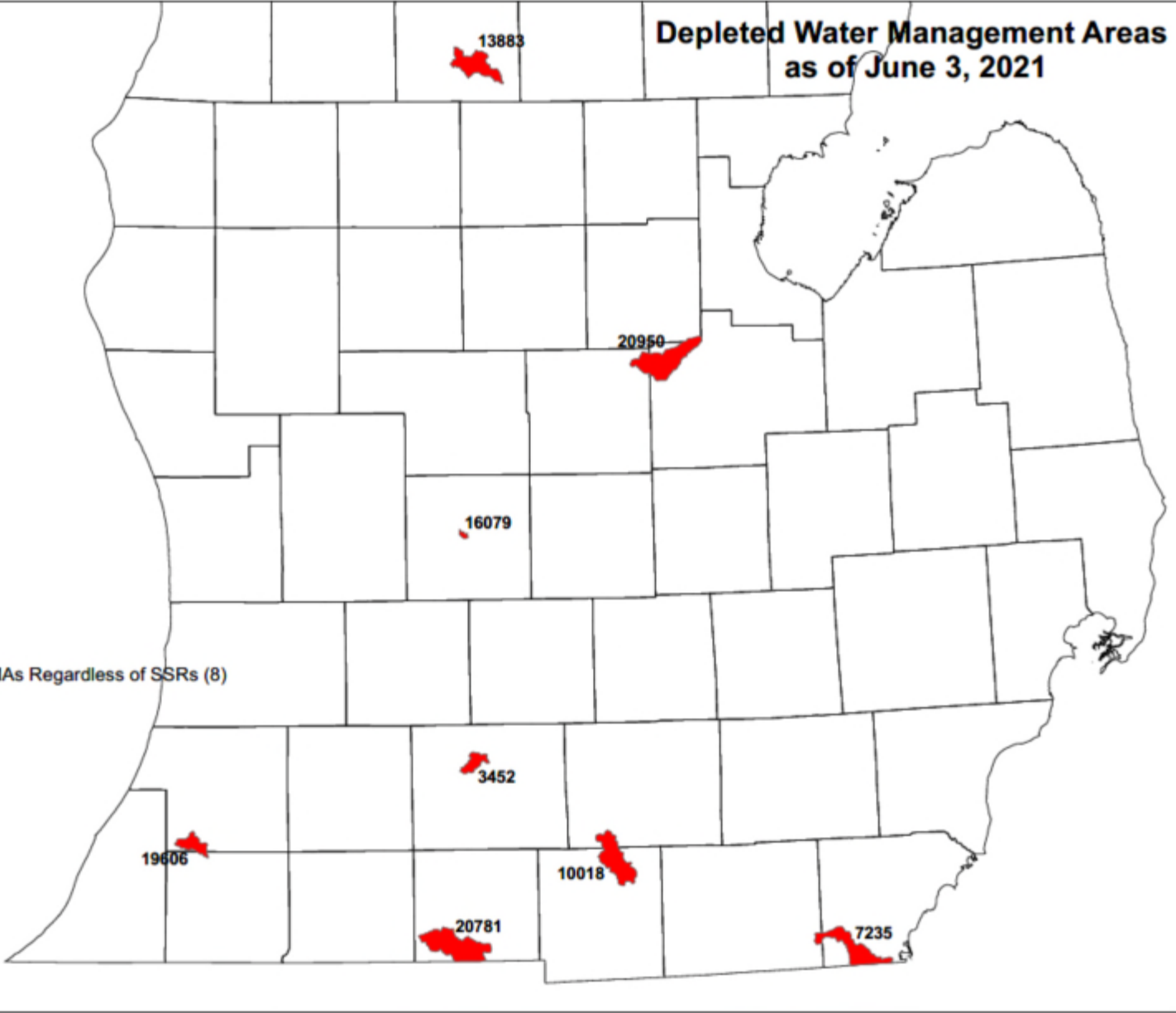
Personnel Updates

- 2 SSR Geologists: Ross Helmer & Naomi Morgan
- 1 Geologist 12 (modeler): Lena Pappas
- SSR Geologists start June 14
- Modeler starts June 28

Depleted Water Management Areas as of June 3, 2021

Legend

 DWMAs Regardless of SSRs (8)



Depleted Watersheds as of 6/3/2021

Name	Number	County	Type	Index Flow (gpm)	Current Depletions	Depletions without SSRs	Comments/Next Steps
South Branch Kalamazoo River	10018	Hillsdale/Jackson	Cool Stream	1930	482	-357	The tool previously gave bedrock auto pass to wells that are not confined; we are collecting ongoing miscellaneous stream flow measurements in the WMA. An SSR has recently been submitted for this WMA.
Halfway Creek	7235	Monroe/Lenawee	Warm Stream	583	140	-29	Revised index flow came back significantly less than the WWAT's original estimate. Additionally, two SSRs have been requested in this WMA.
Whitmore Drain	20950	Saginaw/Gratiot/Midland	Warm Stream	135	32	-33	Revised index flow came back significantly less than the WWAT's original estimate. Additionally, two SSRs have been requested in this WMA.
Dickinson Creek (USGS Station #: 041035285)	3452	Calhoun	Cold Transitional Stream	898	39	-58	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), they will be submitting workplans. Additionally, this WMA contains an unregistered irrigation well on tribal land, which is depleting the WMA @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	1571	63	-39	Pending a package of SSRs which were submitted in response to a violation notice. If the data from the Cass County Study is applied to the wells in this WMA the WMA will be depleted even more. In the summer of 2020, the USGS gage shows flow dropped below the ARI line.
Prairie River	20781	Branch	Warm Stream	8528	2047	-3	Pending review of an SSR, WMA will still be in the negative even if SSR is denied due to a miscalculation in return flow.
Butterfield Creek	13883	Missaukee	Cold Transitional Stream	6732	269	-26	A deposit associated with an Oct-July was made back in 2013, which turned out to be made in error; error was corrected in 2015 and the WMA has been in the negative since.
	16079	Ionia	Cold Stream	269	18	-26	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

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

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

Unreported LQW Initiative

- Unreported LQW Initiative completed
- 230 applications received
- 181 approved
- 47 denied
- 1 retracted & 1 duplicate

Since Initiative Ended

- 11 Unregistered LQWs authorized
- All but 2 for Ceres Farms
- ATF registrations if stream flow available
- Part 327 violations if not available

Increased Field Presence

- Collecting stream flow measurements
- On-site meetings w/ owners & agents
- Complaint investigations
- Compliance site visits
- Observing field data collection
- Training new staff

Questions?

Jim Milne

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EGLE Water Resources Division

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Michigan Department of
Environment, Great Lakes, and Energy

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10. Next Meeting Dates and Formats

- August 10, 2021
- October 12, 2021
- December 14, 2021

11. Open Comments

12. Motion to Adjourn
