



## Make a Note

### Annual Conference

March 25-26, 2020  
DoubleTree Hotel,  
Holland, MI.

### 2020 Meeting Schedule:

February 13  
GLWA, Detroit

April 23  
GCWWS – Linden

August 12  
Agro Expo, St. Johns

September 17  
DNR Johnson Center  
Cadillac

December 10  
Bavarian Inn  
Frankenmuth  
Holiday Party

All meetings begin at 10 a.m.

### MBT outreach

MWEA/AWWA Joint  
Expo, February 4-5  
Lansing Center

Michigan Townships  
Association  
April 28-29  
Traverse City

Agro-Expo  
August 11-12  
St. Johns

Contact Steve Mahoney for  
more details about these  
events.

Visit our website at:

[www.michigan.gov/biosolids](http://www.michigan.gov/biosolids)

## Michigan Biosolids Team at 2019 AgroExpo

The Michigan Biosolids Team displayed at the 2019 Agro Expo hosted by Agro-Liquid Fertilizer of St. Johns, **August 13-14**. Our fertilizer v. Biosolids demonstration plot looks good. The BioSolids are provided by NEFCO, who is contracted by the Great Lakes Water Authority (formerly Detroit Water and Sewer District). The Biosolids Team would like to say a special thank you to AgroLiquid's Tim Duckert for applying the commercial fertilizer, planting

the corn, applying herbicide, and irrigating the corn. Thanks to all those who manned the booth and brought supplies. At the end of the season, the Biosolids corn yielded 263 bushels per acre.



## EQ Subcommittee Releases Fact Sheets

The Michigan Biosolids Team, EQ Subcommittee completed the development and approval of **Biosolids Facts – Supplement 4: PFAS in Biosolids**. They are available on the MWEA Web Site along with the other Biosolids Information Sheets:

- **Land Application of Biosolids in Michigan: Management Recommendations**
- **Biosolids Facts**
- **Biosolids Facts - Supplement 1: Class A EQ product vs Class B Regulations**

- **Biosolids Facts – Supplement 2: Phosphorus Management**
- **Biosolids Facts – Supplement 3: Protecting Fruit and Vegetable Production**

Locate these documents and other information here:

[https://www.mi-wea.org/biosolids\\_-\\_land\\_application.php](https://www.mi-wea.org/biosolids_-_land_application.php)

## MBT Contacts



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# Amendments

January 2020

## 2020 Biosolids Conference

The Michigan Biosolids Team has finalized the Agenda for the 2020 Biosolids Conference, March 25-26, 2020, at the Double Tree Hotel in Holland. We have a great line up of speakers and topics that are of up to date:

### Wednesday, March 25, 2020

- 12:00 – 12:45: Registration in the Hotel Lobby
- 1:00 – 4:30: Facility Tours: Zeeland Farm Services & Holland BPW Energy Park
- 5:00 – 6:00: Reception and Vendor Networking
- 6:00 – 7:00: Dinner, 90 second vendor update, Baron of Biosolids
- 7:00 – 7:45: W4170 Response to 2018 OIG Report: Dr. Nick Basta, OSU
- 7:45 – 8:30: Crisis Communication in the Instant Information Age: Mike McGill, WaterPIO

### Thursday, March 26, 2020

- 7:00 - 8:00: Breakfast and Registration: MWEA
- 8:00 – 8:15 Opening remarks: Allison Wood, Executive Director; Chad Antle, Biosolids Committee Chair
- 8:15 - 9:15: ASTM Methods for PFAS in Wastewater Matrices; Dr. Lawrence Zintek, USEPA Region 5
- 9:15– 10:00 Land Application Field Study II; Ronald Herrmann and Carolyn Acheson US EPA, National Risk Management Research Laboratory, Cincinnati
- 10:00 – 10:20 Break and Vendor Networking
- 10:20 – 11:00 NEBRA PFAS & Biosolids: Ned Beecher, NEBRA
- 11:00 – 11:45 PFAS Test Results and Evaluations: Dorin Bogdan, AECOM
- 11:45 - 12:15 Michigan PFAS Update: EGLE
- 12:15 – 1:00 Lunch & Vendor Networking
- 1:00 – 1:45: EQ Biosolids in the Western Lake Erie Basin, Tom Van Wagner  
One Water, One Team: GLWA's Role in Improving the Water Quality of South Eastern Michigan, Majid Khan, Director of Operations, Wastewater, GLWA
- 1:45 – 2:30 EQ Biosolids in Michigan Thumb: LaSalle Agri Jeff Krohn, NTCC  
Shincci-USA Sludge Dryer: Game Changer for Biosolids Management  
Charley Hanson & Steve Nurme, Resource Management Inc.
- 2:30 – 3:00 Break and Vendor Networking
- 3:00 – 3:45 Anaerobic Digestion and Pyrolysis Feasibility Studies to Support the GLWA Biosolids Master Plan: Steven Safferman, Umesh Adhikari, Wendy Barrott, Andrea Busch, Xavier Fonoll Almansa, and John Norton
- 3:45 – 4:30 PFAS Fate and Plant Uptake from Biosolid-Amended Soils  
Dr. Linda Lee, Purdue University
- 4:30 p.m. Closing Remarks:

To register, exhibit, or sponsor, please go to the following web link:

[https://www.viethconsulting.com/members/evr/reg\\_event.php?orgcode=MWEA&evid=22645783](https://www.viethconsulting.com/members/evr/reg_event.php?orgcode=MWEA&evid=22645783)



# Michigan Biosolids Team

