



Amendments

Improving Awareness & Advocacy of the Michigan Biosolids Program

2023 Biosolids Conference

More than 130 people attended the Michigan Water Environmental Association's (MWEA) 2023 Biosolids Conference on March 29 and 30 in Battle Creek, Michigan. Participants toured the Battle Creek Wastewater Treatment Plant's (WWTP) composting pilot project and Bell's Brewery. Presentations included:

- **The Michigan Department of Environment, Great Lakes, and Energy's (EGLE) Update:** Phil Argiroff, Water Resources Division Assistant Director, discussed the upcoming [Land Application of Biosolids Containing PFAS Interim Strategy](#) changes. These changes take effect in 2024 and involves lowering the industrial impacted tier to 100 parts per billion (ppb) from 125 ppb, changing the recommended mitigation at 20 ppb to required actions (formerly at 50 ppb), and including Perfluorooctanoic acid (PFOA) in these tiers.
- **Biosolids Research Project:** Jim Ippolito from Colorado State University discussed a five-decade research project on biosolids land application to agricultural land in Colorado.
- **Biosolids and Long-term Soil Quality:** Nick Basta from Ohio State University discussed the long-term soil quality and health benefits from a one-time land application of biosolids.
- **Panels:**
 - o **Landfill panel:** Representatives from Republic and Waste Management discussed receiving biosolids and the positives and the challenges it presents.
 - o **Farmer panel:** Three farmers discussed the advantages and disadvantages of land applying biosolids.

EGLE Hires New Biosolids Staff

Victoria (Tori) Hewitt joined EGLE's Biosolids staff on April 3, 2023. Tori grew up in Lowell, Michigan and graduated from Central Michigan University (CMU) in 2020 with a bachelor's in environmental science and a minor in biology. After graduating, she worked for the Institute for Great Lakes Research at CMU assisting with the Coastal Wetland Monitoring Program and the following year worked as a biological technician for a wind turbine farm in Isabella County. She has also worked for the United States Department of Agriculture's (USDA) Natural Resources Conservation Service as a Conservation Reserve Program Specialist; helping landowners enroll in different USDA conservation programs. When she is not in the field or the office, she loves to crochet, bake, bow hunt, camp, and bird hunt with her two dogs. She will be covering the Bay City, Gaylord, and Cadillac districts.

Make a Note...

2023 Agro-Expo

August 15-16, 2023
St. Johns, MI
www.theagroexpo.com

2023 Meeting Schedule:

June 8, 2023 10:00 a.m. Location TBD MS Teams option	September 7, 2023 10:00 a.m. Location TBD MS Teams option
August 16, 2023 12:00 p.m. (noon) Informal lunch meeting at Agro-Expo 5605 N. Findlay Road St. Johns, MI	December 7, 2023 10:00 a.m. Holiday Lunch, Location TBD MS Teams option

2023 Agro-Expo

The Michigan Biosolids Team will have a booth and a demonstration plot at the 2023 Agro-Expo in St. Johns, Michigan August 15-16. If you would like to staff the booth, please reach out to Laura Campbell at lcampbe@michfb.com.

Resources

- For more information about PFAS, visit the [EGLE Biosolids PFAS webpage](#).
- Farmer/Landowner Fact Sheet: [Biosolids and PFAS: Quick Facts for Landowners/Farmers \(michigan.gov\)](#)
- To contact your EGLE Representative, consult the [EGLE Biosolids Staff Map](#).
- For more information about biosolids, visit the [MWEA Biosolids website](#).
- For more information about Biosolids Team meetings or if you are interested in becoming a member of the committee, contact Laura Campbell at 517-679-5332 or lcampbe@michfb.com.



Michigan Biosolids Team Contact

Laura Campbell, MFB
Biosolids Committee Chair
7373 W. Saginaw Hwy.
Lansing, MI 48917
517-679-5332
lcampbe@michfb.com

Sarah Campbell, EGLE
State Biosolids Coordinator
West and Southwest Michigan
Grand Rapids District Office
5th Floor 350 Ottawa Ave NW
Grand Rapids 49503
517-243-9939
campbells32@michigan.gov

Xiaowei Zhang, EGLE
Southeast Michigan
Warren District Office
27700 Donald Court
Warren 48092
586-243-8508
ZhangX2@michigan.gov

Spencer Mathews, EGLE
Central Lower Peninsula
Lansing District Office
525 West Allegan Street
Lansing 48933
517-230-9665
mathewss4@michigan.gov

Victoria (Tori) Hewitt, EGLE
Bay City District Office
401 Ketchum Street, Suite B
Bay City, Michigan 48708
989-355-4805
HewittV@michigan.gov

Robert Wolfe, EGLE
Upper Peninsula
Marquette District Office
1504 West Washington Street
Marquette 49855
906-250-1287
wolfer@michigan.gov

Steve Mahoney, MDARD
Constitution Hall
525 W. Allegan St., P.O. Box 30017
Lansing, MI 48909
517-930-2966
mahoneys@michigan.gov