



Amendments

Improving Awareness & Advocacy of the Michigan Biosolids Program

2022 Biosolids Conference

The 2022 Biosolids Conference occurred on March 22-23, 2022, in Holland. The first day included tours of the City of Holland's Wastewater Treatment Plant (WWTP), its egg-shaped digester, and the City of Zeeland WWTP. The first day concluded with a reception, which highlighted Glenn Hummel passing the Baron of Biosolids crown to Doug Englesman, superintendent of the City of Zeeland WWTP. The second day covered topics on PFAS, biosolids treatment processes, energy, and more. There was a total of 132 participants at the conference. The Biosolids Committee would like to thank the vendors and sponsors who helped make this conference a success.

PFAS Update

[The Michigan Department of Environment, Great Lakes, and Energy \(EGLE\)](#) have updated the Land Application of Biosolids Containing PFAS Interim Strategy for 2022. The significant changes to the current Interim Strategy are as follows:

Industrially Impacted Biosolids

In the 2022 Interim Strategy, EGLE's Water Resource Division will lower the industrially impacted threshold for PFOS concentrations at

which biosolids cannot be land applied from 150 parts per billion (ppb) to 125 ppb starting on July 1, 2022. Implementation of mitigation strategies for land applied biosolids above 50 ppb, but below 125 ppb, will continue to be required under this update.

Sampling Frequency

Moving forward, all municipalities with a 2218 Groundwater Permit are required to sample once per calendar year prior to the initial land application. For all other groundwater permittees, sampling frequency is required to sample once per permit cycle, or every five years. For National Pollutant Discharge Elimination System (NPDES) permittees, there is no change to sampling frequency. For all NPDES Majors, the WWTP is required to sample once per calendar year prior to the initial land application. For all NPDES Minors/Non-Industrial Pre-treatment Program (IPP): the WWTP is required to sample once per permit cycle, or every five years. All IPP WWTPs are required to sample once per calendar year prior to initial land application, regardless of permit type. Please note sampling frequency may change depending on a 2021 sample result - i.e., a Minor/Non-IPP WWTP with a result above 20 ppb for PFOS in their 2021 sample is required to collect a minimum of one biosolids PFAS sample per year prior to initial land application starting in 2022.

Make a Note...

2022 Agro-Expo

August 16-17, 2022
St. Johns, MI

www.theagroexpo.com

2022 Meeting Schedule:

September 8, 2022
10:00 a.m.
MWEA Offices
Lansing, MI

December 8, 2022
10:00 a.m.
MWEA Offices
Lansing, MI

Winter Land Applications

If a WWTP has a seasonal land application intended to be completed by the end of the calendar year (December 31st), we ask WWTPs to consult with their biosolids staff for the application period to be extended and completed by January 31st of the following year. If there is a possibility land application would be extended past January 31st, WWTPs are required to take a sample for PFAS. When requesting an extension for winter land application, please be sure to reach out to your [biosolids staff](#) in a timely manner to ensure all previous PFAS data is reviewed by EGLE prior to land application.

Additional Requirements

- As a reminder, the analytical results and any additional information must be submitted to the EGLE via MiWaters for review **two weeks prior to land application**. Depending on the PFOS results, WWTP final effluent sampling and source investigation of PFAS may be required.
- Communication of the latest PFOS concentration to the landowner/farmer is required **prior to land application**. Using the [EGLE Biosolids PFAS website](#), you can find the Landowner/Farmer Notification Template Letter, along with Biosolids and PFAS Quick Facts for Landowners and Farmers.

Please review the 2022 Interim Strategy for additional information: [land Application Of Biosolids Containing PFAS Interim Strategy Updated 2022 \(michigan.gov\)](#). Background on the Interim Strategy can be found on the [EGLE Biosolids PFAS website](#).

EGLE has also updated the PFAS sampling guidance for biosolids and sludge. The updated guidance can be found here: [Biosolids and Sludge PFAS Sampling](#)

[Guidance \(michigan.gov\)](#)

Should you have any questions regarding this email message feel free to contact Jennifer Bush at BushJ14@Michigan.gov.

Please be advised that if new PFAS information becomes available or new standards or requirements are implemented, the EGLE may require additional actions in accordance with the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and its administrative rules. **The above information was provided by EGLE.**

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.



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