

# Emerging Contaminants (PFAS) in Michigan

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Sponsored by Barr Engineering Co.



## **S. Lee Johnson**

Lee Johnson has extensive experience in air quality permit and compliance matters before local air quality regulatory authorities, the Michigan Department of Environment, Great Lakes, and Energy (EGLE), other state environmental agencies, and the U.S. Environmental Protection Agency (EPA). He handles issues concerning the Prevention of Significant Deterioration (PSD) permit program, new source review in nonattainment areas, minor source permitting, Title V renewable operating permits, hazardous and toxic air pollutants, emissions control and monitoring requirements, and many other facets of local, state, and federal air quality regulation. Lee's air quality regulation practice includes clients in a wide variety of industries, such as Portland cement manufacturing, automobile manufacturing, paper mills, foundries, automobile parts manufacturing, electroplating operations, electric utilities, hazardous waste treatment, and many others. Lee attended Michigan State University earning his bachelor's degree and went on to the University of Michigan for his Juris Doctor degree. He's served as a council member and officer of the State Bar of Michigan's Environmental Law Section of is past chair of the East Michigan Chapter of the Air & Waste Management Association.

## **Steve Sliver**

Steve Sliver was named Executive Director of the Michigan PFAS Action Response Team (MPART) in February 2019. He is responsible for coordinating Michigan's unique, multi-agency approach to address per- and polyfluoroalkyl substances contamination across the state. A 33-year veteran of state government, he is the former assistant director of the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Materials Management Division, responsible for promoting recycling and waste utilization, pollution prevention, ensuring the proper management of materials under the hazardous waste and liquid industrial by-products, solid waste, scrap tire, medical waste, and e-waste programs, and protecting the public and environment from the hazards associated with radioactive materials. Steve obtained his bachelor's degree in environmental engineering from Michigan Technological University in 1985.

## **Christy A. Barlow, Ph.D.**

Dr. Christy Barlow is a toxicologist that specializes in occupational and environmental toxicology, quantitative exposure reconstruction, and human health risk assessment. She earned a B.S. in Biology from Eckerd College and a Ph.D. in Cell and Molecular Biology from the University of Vermont. More recently, she has been involved in researching, reconstructing dose and exposure, and assessing risk to consumers, communities, and workers exposed to a variety of chemical and biological materials. Her experience includes investigating the health effects of exposure to a variety of compounds, including particles and fibers, volatile organic compounds, chlorinated solvents, poly- and perfluoroalkyl substances (PFAS), and biological agents.

## **Jeff Roberts**

A graduate from the University of Michigan College of Engineering, Jeff Roberts began his career remediating soil and groundwater contaminated by leaking underground storage tanks (USTs). He returned to UofM and received a Master of Public Health with a focus on Risk Assessment, Risk Management and Risk Communication. For over 25 years, Jeff has worked in the areas of waste water treatment technologies, hazardous waste program development, pollution prevention and compliance. Currently Jeff works at US Ecology and is a Manager in the Technical Services Group responsible for implementing organic growth initiatives, operational process improvement and optimization across the Environmental and Field Service Divisions.