



Vice President and Principal Environmental Engineer bpetriko@augustmack.com

Bryan K. Petriko is the Vice President and Principal Environmental Engineer for August Mack Environmental, Inc. In this capacity, he oversees the overall operation and administration of August Mack. He has more than 30 years of diversified experience evaluating and solving environmental problems associated with air pollution control, PSD permitting and air modeling, wastewater discharges and sanitary sewer discharge permitting, solid and hazardous waste management. He has served as project manager for the design of all types of pollution control equipment and has provided expert witness testimony to numerous clients including obtaining all necessary permits for construction and operation. He specializes in the

design, installation and start-up of innovative treatment systems and control technologies for groundwater, soil, wastewater discharges and air emissions.

Project Experience:

- Performed operating oversight of wastewater treatment facilities including routine inspections and quality reviews as a condition of the facility's wastewater treatment permit.
- Provided numerous economic analyses of wastewater treatment plants to optimize operating procedures and implement any cost savings procedures available.
- Supervised permitting and operation of industrial and sanitary wastewater treatment systems including system inspection, maintenance/upgrade projects, wastewater treatment operator training and supervision, sample collection and preparation, and report preparation.
- Evaluated WWTP and prepared standard operating procedures to be implemented by the on-site wastewater treatment plant operators. Following procedure development, implemented on-site training of all plant operators.
- Provided complete engineering analysis of the wastewater generated by a zinc barrel plating operation to provide treatment and re-use recommendations. The project involved obtaining a complete understanding of the system generating the waste, determining the characteristics and quantities of flow from each waste stream and providing system recommendations for the treatment of wastewater at the facility.
- Designed and installed an acid equalization system to ensure that wastewater generated in a piston phosphating operation could be accumulated in a manner that would automate and optimize the wastewater treatment process.

Expertise:

- Design and installation of air pollution control systems
- Design and installation of industrial wastewater systems
- Preparation and implementation of RCRA hazardous waste closure plans
- Regulatory negotiations
- Design and implementation hazardous waste treatment systems
- CERCLA investigations
- Aboveground and underground storage tank system design, certification and closure
- Property acquisition and divestiture assessments
- Federal, state and local regulatory permitting for air, wastewater and solid and hazardous waste

Professional Experience:

August Mack Environmental
Vice President and Principal Engineer
1988-Present

ATEC Associates
Project Environmental Engineer
1987-1988

ETA
Project Engineer
1984-1987

Education & Certifications:

- B.S. Civil Engineering, Purdue University
- 2019 Purdue University Civil Engineering Alumni Achievement Award Recipient
- 40-Hour Hazardous Waste Site Operations (HAZWOPER) Training, OSHA and current 8-hour refresher
- Registered Professional Engineer, Indiana
- Registered Professional Engineer, Michigan
- Registered Professional Engineer, Florida