

Michael T. LaSala CPMSM

SPECIALIST / ANALYST



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T 717 627 4440



EDUCATION

Millersville University,
Physics, Chemistry

8 Years with Firm

**28 Total Years of
Experience**

CERTIFICATIONS/ TRAINING

Certified Professional in
Municipal Stormwater
Management (CPMSM)

SWPPP Preparation and
Administration, State of
California

OSHA 10-hour

PROFESSIONAL SUMMARY

Michael LaSala is a Specialist and Analyst who handles multi-disciplinary and special projects generally involved with implementation of Economic Ecology concepts. He develops and manages Stormwater Management Programs (SWMPs) required for NPDES Permit compliance. He has assisted in the Countywide Action Plan (CAP) development and implementation for multiple counties as part of the Pennsylvania Chesapeake Bay Phase III Watershed Implementation Plan. He provides assistance, primarily for MS4 Permits and watershed health, to LandStudies clients across the mid-Atlantic region. Additionally, he provides unique experience in municipal operations, including intergovernmental cooperation, integrated planning, ordinance development, and utility fee development through his time as the Executive Director of the Lancaster Inter-Municipal Committee (LIMC).

RELEVANT SKILLS LIST

Program Management • Project Management • Cost Engineering and Budget Development • NPDES Permit Compliance (MS4, Construction, Industrial) • MS4 Program Management • Stormwater Management Programs (SWMPs) • Stormwater Pollution Prevention Plans (SWPPPs) • Water Pollution Control Plans (WPCPs) • PRP/TMDL Plan Development, Implementation, and Monitoring • Watershed Based Analytics • Data Science and Data Analysis • Water Quality Monitoring • Erosion and Sediment Control • Intergovernmental Cooperation • Municipal Ordinances • Construction Means and Methods • Contract and Construction Management • Constructability Reviews • Stormwater Fee Development • Field Investigations and Inspections • Strategic Watershed Programs

PROFESSIONAL AFFILIATIONS/APPOINTMENTS

Warwick Township Municipal Authority, Board Member, 2019 - present

Lititz Borough Planning Commission, 2014-2015

SELECT PROJECT EXPERIENCE

PA Countywide Action Plan (CAP) Coordinator, Multiple Counties, PA - Ongoing
Project lead or technical support for the development, coordination, and implementation of Countywide Action Plans (CAPs) as the Community Clean Water Action Plan (CCWAP) Coordinator for Berks, Lancaster, Lebanon, Bedford, Chester and Schuylkill Counties. The CCWAP serves as a critical link between the local level with state and federal partners for the implementation of Pennsylvania's Phase 3 Watershed Implementation Plan (WIP). This project role entails coordination for the Countywide Action Teams; financial and technical resources assistance and analyses; implementation and verification processes development and administration; and on-the-ground engagements with farmers and other local stakeholders.

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PA 042324

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RECENT PRESENTATIONS

Legacy Sediment and the Application of Economic Ecology™

Environmental Defense Fund, Co-presented with Justin Spangler, PE.

Economic Ecology™ Benefits of Using Natural Resources

Pennsylvania State Association of Township Supervisors (PSATS) Co-presentation with Benjamin Ehrhart, PE, CFM.

Environmental Protection Agency (EPA) Compliance Inspections

American Planning Association (APA) PA Chapter.

Stormwater Management Programs (SWMP)

Various presentations, HalfMoon Education.

MS4 Permit Program Management: Based on USEPA Expectations

Southwest Pennsylvania Commission.

PSATS Stormwater

Conference. *Pennsylvania State Association of Township Supervisors.*

National Water Monitoring

Conference. *North American Lake Management Society.*

SELECT PROJECT EXPERIENCE

Lititz Run Watershed Action Plan Update and Watershed-based Permit Development, Lancaster County, PA - 2020-2021

Project Lead on the Lititz Run Watershed Association (LRWA) and local partners to provide an update to the original Lititz Run Watershed Action Plan (WAP) completed more than 20 years ago. It can also be described as a milestone checkpoint for a comprehensive method of determining current water resource conditions and goals in the watershed that incorporates local citizen and government input. The project included the establishment of a pathway for a watershed-based permit (WBP). An end goal of the updated Watershed Action Plan and Watershed-Based Permit is to protect the Cold Water Fishery (CWF) Existing Use classification achieved for Lititz Run and improved water quality and flooding conditions, and synchronize multiple sectors to common watershed goals (MS4, wastewater, and construction). During the update process, a simultaneous study revealed Lititz Run meets the threshold for a Wild Trout Stream classification.

Lititz Borough Stormwater Management Fee Program, Lancaster County, PA 2019 to 2020

Developed a stable and dedicated revenue source for stormwater management operations and responsibilities with the intent of building resiliency components to protect economic infrastructure and the health and safety of the Borough's citizens and safeguarding local natural resources and the drinking water supply. The fee program is based on the Residential Equivalent Factor (REF) methodology and development included a revenue requirement analysis, base rate analysis, and program integration analysis.

Chiques Creek Watershed Report Card, Lancaster County, PA - 2018 to 2020

Developed a dynamic tool that provides a simple and visual representation of quantified data and information for the watershed. The Report Card provides a data driven means to assist prioritizing funding and efforts to implement Best Management Practices (BMPs) that achieve real results based on the watershed's long-term goals and objectives as the quantitative element of a Strategic Watershed Program (SWP). Conducted a prioritization of projects through quantification of qualitative goals and objectives defined by watershed stakeholders. Project activities included development of watershed-based Key Performance Indicators (KPIs) with a color-coded system that establishes categories, metrics, baselines, goals, and threats to the watershed; collecting and analyzing existing (e.g. comprehensive macroinvertebrate sampling set) and new datasets to support and quantify identified indicators; an evaluation and prioritization of select projects and strategies with quantifiable improvements; and an illustration of future changes and how they impact the health of the watershed.

Stormwater Management Program (SWMP) Development and Implementation, South-central Pennsylvania Region - 2015 to Present

Provide program management and facilitation to help ensure MS4-permitted municipalities meet both state (PADEP) and federal (USEPA) requirements and expectations. Oversight and management is provided for, but not limited to; program goals, integrated planning, IDD&E investigations and enforcement, O&M Plan implementation, sampling data acquisition and analysis, and PCSM BMP inspections. SWMP and MS4 program assistance is currently provided to approximately twenty municipalities and/or municipal engineers. More comprehensive assistance is also provided to Lititz Borough to help ensure compliance with an issued Consent Agreement and Final Order (CAFO) with USEPA.