

### Stormwater Engineering Services

EQM's Stormwater Design Team offers the following services:

- Stormwater Management and treatment Pond Design
- Regulatory Permit Consultation and Technical Support
- Industrial and Construction Stormwater Pollution Prevention Plans (SWPPPs)
- Erosion Prevention and Sediment Control (EPSC) Permitting and Planning
- Construction Management and Post-Construction Monitoring
- Quality Assurance/Quality Control for Planning, Design and Construction Phases
- Multi-Scale Hydrologic and Hydraulic Studies
- Floodplain Analysis, Mitigation Design and Structure Flood-Proofing
- FEMA Floodplain Map Revision Assistance (LOMR/LOMA)
- Existing Stormwater Best Management Practices (BMP) Retrofits and Enhancement
- Biologically-Enhanced Stormwater Treatment and Landscape Integration Design
- Rainwater Harvesting and Cost-Effective Utilization Strategies
- Water Quality Technical Analysis and Reports

### Stormwater Engineering and Management Overview

EQM has the expertise and experience to meet modern stormwater regulations with flexible and cost-effective solutions.



Our engineers and scientists have experience designing and assessing stormwater management programs for various industries, including Fortune 500 companies and have worked within multiple sectors:

- Commercial, and Residential
- New Construction and Redevelopment
- Industrial
- Municipal
- State
- Federal

EQM is committed to attending to the needs of our clients while collaborating with regulators to achieve innovative solutions that meet complex objectives.



### Regulatory Compliance and Permitting Consultation

EQM staff has decades of experience assisting industrial and commercial clients with environmental compliance under state and federal regulations.

EQM can also provide assistance with:

- Construction permitting
- Designing and implementing Erosion Prevention and Sediment Control (EPSC) plans
- Construction management and site inspection

We can monitor and assess the status of post-construction BMPs to help clients meet project close-out requirements and to ensure optimum performance.

### Stormwater Management and Retrofit Design

EQM's stormwater engineering team has experience using an array of hydrologic and hydraulic modelling software to analyze drainage for unique site conditions and complex projects associated with new development, redevelopment, and retrofitting.

EQM's stormwater team offer's cost-effective solutions to optimize the performance of existing and proposed stormwater BMPs to ensure compliance with stormwater regulations.

The team has the capabilities to:

- Assess site drainage
- Identify potential sources of pollutants
- Design bio-retention basins, swales and rain gardens

Innovative design approaches are used to address typical challenges associated with space limitations and maintaining natural aesthetic landscape features.

### Floodplain Management

The Stormwater Engineering team is capable of performing drainage analysis on areas of varying sizes to determine, and assess the extent of potential flood impacts. The key capabilities in floodplain management are:

- Designing innovative flood mitigation solutions
- Identifying flood protection strategies
- Revising floodplain maps through FEMA

For more information on our stormwater team, please refer to the stormwater design team flier at [http://www.eqm.com/eq/pdf/Stormwater-Design-Team\\_10-2014.pdf](http://www.eqm.com/eq/pdf/Stormwater-Design-Team_10-2014.pdf).

### About EQM

EQM is a full-service environmental consulting, engineering, and remediation firm with headquarters in Cincinnati. We are ranked first in the Tri-State by the Cincinnati Business Courier and 87th by Engineering News Record's Top 200 Environmental Firms.

For additional information, please contact:

Environmental Quality Management, Inc.

Jill Binzer  
1800 Carillon Boulevard  
Cincinnati, Ohio 45240  
(800) 229-7495 ext. 7268  
[www.eqm.com](http://www.eqm.com)