

About Us

K&W applies a practical approach to stormwater management by combining our knowledge of the regulatory requirements with current Best Management Practices. By understanding the abilities of a municipality's staff, the availability of volunteer stakeholders, and the unique qualities of local streams, we are able to aide MS4 municipalities in achieving compliance with the Pennsylvania Comprehensive Storm Water Management Policy, the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES), and other regulatory requirements as applicable.

About MS4

Federal regulations require operators of small MS4s within designated UAs to obtain authorization to discharge stormwater under a National Pollutant Discharge Elimination System (NPDES) permit beginning on March 10, 2003. MS4s are any stormwater conveyance system owned by a municipality or other public body (created under state law) having jurisdiction over disposal of sewage, industrial wastes, stormwater or other wastes.

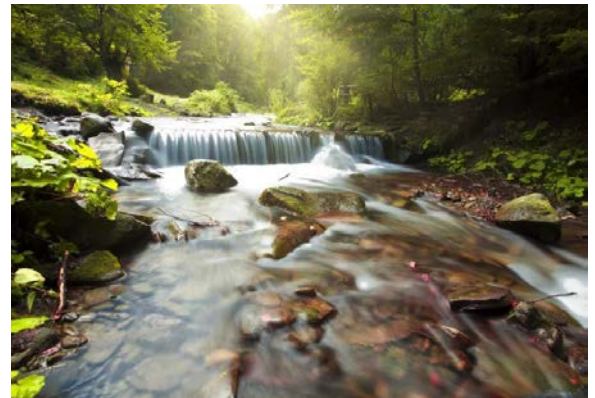
How K&W Can Help

K&W will review your current program and make recommendations to meet the requirements of the Municipal Separate Storm Sewer System (MS4) permit including the six required minimum control measures:

1. Public education and outreach
2. Public involvement and participation
3. Illicit discharge detection and elimination
4. Construction site runoff control
5. Post-construction stormwater management in new development and redevelopment
6. Pollution prevention and good housekeeping for municipal operations and maintenance

K&W's MS4 Services

- Permit Application Preparation/NOI
- System Mapping
- Outfall Inspections
- Ordinance Preparation
- TMDL Strategy Plans
- Chesapeake Bay Pollutant Reduction Plans
- Pollution Reduction Plans (PRP's)
- Infrastructure Design & Permitting
- Pollution Control Measures (PCM)
- Annual Reporting
- Public Presentations
- Expert Testimony



In 2010, EPA ordered 79 municipalities to improve their MS4 program due to compliance issues. As a result, many of these municipalities received substantial fines.

“These actions are critical since improperly managed stormwater can wash harmful pollutants into local streams and rivers. The EPA is committed to gaining compliance with these municipalities for the health of local waterways in Pennsylvania and the Chesapeake Bay.”

Shawn M. Garvin

Regional Administrator for the
EPA's Mid-Atlantic Region