

POWERFUL STORMWATER SOLUTIONS

Stormwater runoff from rain and snowmelt picks up pollutants like trash, chemicals, oils and dirt/sediment that can harm our rivers, streams, lakes and coastal waters. Protecting water resources through smart best management practices—including intelligent project planning, implementation of structural controls, tailored operation and maintenance practices, and education—preserves the natural beauty and health of our waterways!

Municipalities, industrial sites and construction sites require a permit through Section 402 of the Clean Water Act: the National Pollutant Discharge Elimination System (NPDES) program. These permits contain limits on what you can discharge, monitoring and reporting requirements, and other provisions to ensure that the discharge does not harm water quality or people's health.

If your next project involves issues with stormwater, whether it's construction, municipal, industrial, or combined with wastewater, turn to POWER's expert team of scientists and engineers. We can help you comply with complex regulations, control costs, satisfy stakeholders and protect community water resources.



STORMWATER PERMITTING & COMPLIANCE

- » Notice of Intent, Change and Termination
- » Stormwater pollution prevention plans (SWPPPs)
- » Design of erosion and sediment controls
- » Best management practices (BMPs)
- » Periodic inspections
- » Construction site notices
- » Enforcement mediation
- » Municipal separate storm sewer system (MS4) coordination



DEVELOPING AN MS4 PROGRAM

- » Stormwater Management Program (SWMP) audits
- » Construction site runoff control
- » Illicit discharge detection and elimination
- » Pollution prevention/good housekeeping
- » Post construction runoff control
- » Public education and outreach
- » Public involvement and participation
- » Program effectiveness
- » Total Maximum Daily Loads (TMDLs)



MS4 PROGRAM TRAINING

- » Stormwater permitting and compliance training
- » Inspector training
- » Design criteria for capital improvement projects
- » Developer SWPPP review training
- » Low Impact Development (LID) and Green Infrastructure (GI)



STORMWATER MASTER PLANNING

- » Stormwater management
- » Watershed assessments
- » Impaired waters evaluations
- » Combined sewer overflows (CSOs)
- » Floodplain and floodway modeling
- » Stormwater and sewershed modeling
- » Water quality modeling
- » BMP selection, design and evaluation



MAPPING & MONITORING

- » GIS mapping tools
- » Illicit Discharge Detection and Elimination (IDDE) inspections
- » Water quality testing