

Regulatory Compliance

Providing both water quality and quantity services to commercial and government clients

AMEC provides a wide variety of regulatory compliance services to commercial and government clients. These include both water quality and quantity services and range from being site-specific to watershed wide solutions. The services fall broadly into two categories -- watershed-wide services and stream corridor services.

Watershed-Wide Services

AMEC's watershed-wide compliance services encompass those services that are of a regional, programmatic, or site-specific nature, that are not specifically stream corridor services. These services include National Pollutant Discharge Elimination System (NPDES) stormwater permit compliance, spill prevention and response, and the development of community wide programs such as sediment and erosion control programs.

NPDES Municipal Stormwater Permits. AMEC staff worked with USEPA during the promulgation of the Phase I rule by attending public meetings and assembling and responding to public comments. AMEC has been involved in the development and presentation of several statewide training programs on the Phase II stormwater rule and are currently assisting a number of impacted communities in the development of compliance programs. The services provided to municipal permittees have included:

- Action Plan Development
- Development of Permit Applications
- Negotiation of Permit Conditions
- Outfall Identification and GIS Mapping
- Stormwater Monitoring
- Illicit Connection Screening
- Stakeholder Involvement
- BMP Program Development
- Ordinance Development
- Funding Program Development



AMEC is developing an implementation program for the Phase I NPDES stormwater permit that was issued jointly to the cities of Reno and Sparks, Washoe County, and the Nevada Department of Transportation. The stormwater management program is being developed as a regional effort through a series of stakeholder workshops.

NPDES Industrial Stormwater Permits. AMEC's staff has supported industrial clients in their compliance efforts with the NPDES stormwater rules, ranging from trade organizations to military facilities. In support of these clients, AMEC has provided the following services:

- Stormwater Permit Application Development
- Outfall Monitoring
- Illicit Connection Investigations
- Stormwater Pollution Prevention Plans (SWPPPs)
- Compliance Evaluations
- Permit Negotiation
- Database and GIS Application Development
- Best Management Practice (BMP) Design

AMEC assisted the North Carolina Department of Transportation (NCDOT) in the development and implementation of a statewide NPDES permit compliance program that included evaluation of maintenance facilities, development of SWPPPs, illicit discharge evaluations, and training of NCDOT employees. AMEC is currently evaluating BMPs for retrofit opportunities statewide.

Spill Prevention and Response. AMEC has provided spill prevention and tank management services to a wide variety of commercial and public sector clients. These services have grown to include the development of integrated contingency plans that address all environmental contingencies required for a specific site. The services provided have included:

- Spill Prevention, Control and Countermeasure (SPCC) Development
- Integrated Contingency Plan (ICP) Development
- Pollution Prevention Opportunity Assessments
- Design and Specification of Containment
- On-site Training

AMEC has developed SPCC plans for more than 78 Air National Guard bases in 48 states, the U.S. Virgin Islands, and Puerto Rico under a national contract with the National Guard Bureau.

Regional Program Development. In support of the regulatory needs of our clients, AMEC has performed a variety of compliance projects, including:

- Ordinance Development
- Watershed Mapping
- Infrastructure Inventory and Mapping
- Technical Manuals
- Monitoring Programs
- Public Involvement Programs
- Funding Programs

Watershed Protection Programs. AMEC has assisted clients in the development of compliance programs for watershed protection, including:

- Water Supply Watershed Protection
- Compliance with Total Maximum Daily Load (TMDLs)
- Watershed Master Planning for Water Quality and Flood Protection

Stream Corridor Services

AMEC's stream corridor compliance services include those services that are specifically related

to stream corridor regulations. These services include wetlands permitting, in-stream water quality protection, floodplain services, bridge scour evaluations, and others.

In-Stream Water Quality Services. AMEC staff have provided clients with services related to in-stream water quality and riparian habitat management. The services provided include:

- Riparian Buffer Mapping and Management Plans
- Endangered Species Mapping
- Wetland Delineation and Protection
- Management Programs for In-stream Water Quality That Comply with Section 401 of the Clean Water Act
- Streambank Stabilization and Restoration
- Soil Bioengineering

Floodplain Services. AMEC has a 15-year history of providing floodplain services to both government and commercial clients, including:

- Hydrologic and Hydraulic Modeling
- Field Data Collection
- Digital Elevation Model Development
- Automated Plotting of Floodplains and Floodways
- Flood Insurance Restudies
- Letters of Map Revision for Floodplains
- Ordinance Development
- Alternative Analysis

Bridge Scour. AMEC is one of the premier service providers for bridge scour evaluations and remedial action plans in the United States. We have provided services in five states. The services provided include:



- Field Inspection of Bridge Piers
- Underwater Inspection
- Two-dimensional Modeling of Bridge Flows
- GIS-based Inventories of Bridge Inspections
- Remedial Action Plans for Scour Problems
- Future Program Planning

For a list of office locations, company contacts and other services refer to:
www.amec.com