

# Earth & Environmental Services

We generate value by applying knowledge, innovation and technology

With more than 2,000 specialists, our firm can bring a wide range of expertise and experience to your project. AMEC's Earth & Environmental capabilities are supported with resources from more than 90 offices throughout North America and abroad.

Our specialists have teamed up to deliver a broad scope of consulting services for both public and private sector clients. AMEC works with clients locally or globally and often in long-term relationships.

Clients benefit from the innovation and full-service skill sets of our professional team as well as the value generated from speciality skills offered by our AMEC sister companies.



For a comprehensive list of our services in areas as diverse as risk assessment, information technology, facilities engineering, human environment, ports and marine operations, refer to our web site at [www.amec.com](http://www.amec.com).

## Environmental Management, Engineering, Planning and Compliance

- Environmental Audits, Permits and Approvals
- Environmental Planning, Analysis and Impact Assessments
- Resource Management Plans
- Cultural and Natural Resource Studies
- Habitat Assessment, Preservation and Restoration
- Environmental Protection Planning

- Geographic Information Systems (GIS)
- Asbestos Surveys
- Analytical Laboratory Services
- Information/ Database Management
- Human Health and Ecological Risk Assessments
- Environmental Engineering
- Hydrogeology
- Training Range Studies and Cleanup
- Contaminated Site Assessment and Remediation
- Property Condition Surveys
- Indoor and Outdoor Air Quality
- Aquatic and Marine Bioassays
- Meteorology/Climatology
- Spill Prevention, Control and Countermeasures Planning



## Geotechnical Engineering

- Foundation Engineering and Soil Mechanics
- Engineering Geology
- Rock Mechanics
- Earthquake Engineering and Engineering Seismology
- Numerical Analyses
- Arid Region Geotechnics

- Hazardous Waste Management
- Risk Hazard Assessments
- Geo-Environmental Engineering
- Site Investigation and Characterization
- In-situ and Laboratory Testing
- Arctic and Permafrost Engineering
- Marine Geotechnics
- Ground Improvement
- Engineering Geophysics
- Tunnel Rehabilitation
- Dam Embankment Design
- Acid Mine Drainage and Abandoned Land Reclamation



### **Materials Engineering, Inspection and Testing**

- Construction Materials Testing
- Construction Inspection and Monitoring
- Non-destructive Testing
- Building Sciences
- Quality Assurance/Quality Control (QA/QC) Training
- Production Certifications
- Structural Instrumentation and Monitoring
- Superpave Mix Design
- Structure Evaluations
- Infrastructure Renewals
- High Performance Concrete
- Shotcrete

### **Water Resources and Civil Engineering Services**

- Watershed Management
- Hydraulics and Hydrology
- GIS Applications
- Municipal and Urban Development
- Hydrotechnical and Hydrological Computer Modeling
- Heavy Civil Infrastructure Design
- Rural and Urban Stormwater
- Lake and Reservoir Management
- Irrigation and Drainage
- Mine Water Management
- River Engineering, Erosion Control, Bridge Hydraulics, Pipeline Crossings
- Water Quality Assessments
- Wetland Development
- Physical Oceanography
- Regulatory Permits



For a list of office locations, company contacts and other services refer to:  
[www.amec.com](http://www.amec.com)