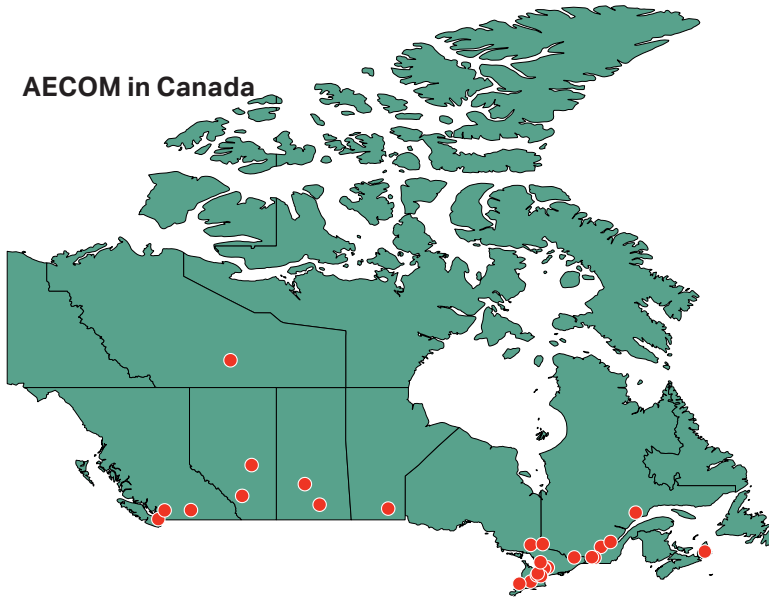


Environmental Management Services - Canada

AECOM's 81 Global Technical Practice Groups share global best practices, solve technical challenges, and share innovative solutions around the world.

AREAS OF EXPERTISE

- Air Quality
- Archaeology and Cultural Resources
- Climate Adaptation
- EHS Management Consulting
- Environmental Management Information Systems
- Geotechnical Investigations
- Impact Assessment and Permitting
- Remediation and Restoration



With world class technical expertise, leading edge technology and innovative project delivery capability around the world, AECOM works with our clients to meet business goals, achieve compliance, reduce or eliminate risks and manage impacts. At AECOM, we develop and apply innovative solutions to complex technical challenges while meeting regulatory requirements and business objectives.

Our 620 experienced environmental professionals in Canada provide support in 60 technical and professional management disciplines, delivering high performance on local and multinational projects. We also leverage the full resources of AECOM's 7,000 environment staff working in more than 100 countries. AECOM is known for:

- Integrated remediation, decontamination, demolition, regulatory closure, restoration and redevelopment of contaminated sites
- Expertise in air, energy development support, risk assessment, sustainability, EHS auditing, pollution prevention and due diligence
- Time-to-market permitting (energy, industrial and waste disposal facilities)
- Expert agency negotiations and stakeholder relations
- Comprehensive services to all stages of the oil & gas service lifecycle
- Climate change adaptation and resiliency planning
- Leadership on technical and emerging issues to achieve business goals
- Award-winning behavior-based health and safety programs



Environmental Management Services - Canada *(continued)*



AIR QUALITY

- Air permitting and compliance
- Air quality background surveys, modeling, analyses, and risk assessment
- Ambient and in-stack monitoring and measurements
- Greenhouse gas-related services
- Regulatory compliance strategy
- Selection, design, and engineering of capture and control systems and ventilation

ARCHAEOLOGY & CULTURAL HERITAGE INVESTIGATIONS

- Cemetery Investigations
- First Nation and Indigenous engagement
- Heritage conservation district planning
- Historic architectural resource assessment
- Paleontology
- Terrestrial and marine archaeology

CLIMATE ADAPTATION

- Design, plan and develop approaches to improve longevity of assets for energy, transportation, water, infrastructure, government
- Resiliency Planning

ENVIRONMENTAL, HEALTH AND SAFETY MANAGEMENT

- EHS compliance program development and implementation
- EHS training program development and delivery support
- EHS audit program development, management, implementation, and third-party evaluations
- Global EHS regulatory knowledge support
- Designated substance surveys

- Compliance and management systems design and implementation support
- International Audit Protocol Consortium (IAPC) leadership forum
- Outsourcing support for EHS compliance and management programs

ENVIRONMENTAL MANAGEMENT INFORMATION SYSTEMS

- Requirements gathering, business analysis, system selection
- System configuration or interface design, build, testing
- Reporting/dashboard configuration or design/build
- Training, advocacy with vendors, support, maintenance

GEOTECHNICAL INVESTIGATIONS

- Dam and reservoir engineering
- Foundation and earth retention design
- Landfill and transportation geotechnics
- Materials Testing
- Seismic, earthquake engineering
- Site Investigation, characterization
- Stability analysis

IMPACT ASSESSMENT AND PERMITTING

- Biodiversity and ecosystem valuation
- Critical/fatal flaw analysis
- Cumulative impact assessment
- Endangered species surveys
- Environmental and social baseline studies and impact assessments
- Expert regulatory negotiations and multidisciplinary expertise to resolve technical issues and permit conditions
- Feasibility studies, siting, screening and route selection analyses

- Mapping and Remote Sensing (GIS/GPS/CADD)
- Marine and coastal baseline environmental studies and impact assessments
- Mitigation planning, monitoring and construction inspection
- Public outreach, stakeholder engagement and consultation
- Risk/hazard analysis
- Sustainable development, planning and implementation
- Visual and noise impact assessment, simulations and animation
- Wetland delineation and permitting

REMEDIATION AND RESTORATION

- Ecosystem restoration/NRDA
- Emerging contaminant (PFAS/PFOA) expertise
- Environmental sequence stratigraphy
- Facility closure/decommissioning/demolition/asset recovery
- Forestry and agriculture
- Geology, hydrogeology
- Green and sustainable remediation
- Human health and ecological risk assessment
- LNAPL mobility assessment
- Regulatory negotiation
- Remedial construction
- Remedial design, pilot testing, strategy
- Remedial process optimization and O&M
- Sediment and waterway restoration
- Site investigation
- Vapour intrusion assessment and mitigation

More Information: AskEnvironment@aecom.com