

Comprehensive Sediment Management



Services

- Sampling and Monitoring Services
- Sediment Characterization and Assessment
- Fate and Transport Modeling
- Forensics and Liability Management
- Health and Ecological Risk Assessment
- Sediment Remediation and Restoration
- Maintenance and Environmental Dredging
- Isolation and Thin Layer Capping
- Permitting and Compliance
- Natural Resources/Waterway Restoration
- Public Relations
- Cost Forecasting

Sediment management is becoming an increasingly important aspect of the site closure and environmental restoration process. Recent stakeholder and agency interest in sediment assessment and remediation is expected to substantially increase the number of sites requiring in-water management, remediation, or restoration. In-water sites are becoming increasingly complex with the expectation that all sources of contamination (i.e., storm water) will be controlled and clean-up goals met by the time remediation is complete.

In all regions of the world, AECOM scientists and engineers solve complex sediment contamination challenges, addressing a broad array of contaminants and working cooperatively with diverse stakeholder groups to move projects forward. A key aspect of moving projects forward is developing reasonable and achievable cleanup levels, and incorporating the newest advances in remedial technologies that help control costs and achieve goals faster.

For over 40 years, AECOM has been performing sediment site assessment under a variety of regulatory programs, strategic superfund consulting, dredging and dredged material disposal programs, restoration of water bodies and watersheds, shoreline and site development, natural resource damage assessment support, risk analysis, and designing and implementing complex remediation projects.

Our sediment and waterway restoration project teams establish strong long-term working relationships with our customers including industry, municipalities and Potentially Responsible Parties, as well as state and federal governmental entities, stakeholder groups, and port authorities.

Our team is particularly adept at setting strategies relative to site management and risk-based closure. We provide leadership relative to establishing sediment clean-up levels, cost forecasting, liability management, public relations, and ultimately help our clients reach sustainable solutions on complex sediment sites.

We have worked throughout the North America and South America, Europe, Asia and Australia on thousands of sites, so we are familiar with local issues and regulations governing the site cleanup process.

