Remediation

Contaminated sites present significant liabilities to industry and government — in some cases, affecting the safety and real estate values of local communities and requiring substantial financial expenditures to remediate. To properly manage these liabilities, one must carefully consider site-specific conditions, regulatory requirements, and stakeholder issues. AECOM has many success stories working with clients/stakeholders where we have recovered the value tied up in impaired property and generated goodwill in the community by creating an asset.

In all regions of the world, AECOM solves complex site contamination challenges — addressing a broad array of contaminants and working cooperatively with diverse stakeholder groups. Bringing together the best resources in the marketplace, AECOM remediation teams: critically assess the nature and extent of contamination; assess risks to identify receptors and safe exposure levels; embed leading edge innovations and technology to simplify remediation actions and reduce costs; and prepare remedial designs that appropriately address the problems posed by the contaminants.

AECOM’s approach to site restoration and reuse maximizes the use of in situ technologies and integrates key remedial design elements with future site redevelopment plan endpoints, as a scientifically and defensible method to determine reasonable cleanup levels — safe for human and ecological receptors — ultimately managing risks to an acceptable level.

We have worked around the globe on thousands of sites, so we are familiar with local issues and regulations governing the site cleanup process. We deliver consistent quality and value with local, site-specific resources using our own staff and our network of proven specialty service providers.
Remedial Design
Our services include all phases of project development from site investigation and preliminary reports through environmental impact study, permit application, design, construction management, and operations. AECOM is a leader in the application of innovative technologies for remediation. We implement conventional technologies where they work best and evaluate new techniques to achieve remedial objectives more efficiently.

Benefits to Clients
• WORLD’S LARGEST – able to deliver services across all phases of projects for all forms of contaminants
• GLOBAL REACH – able to provide consistent, high-quality remediation around the world
• INVESTS IN INNOVATION – able to apply cutting-edge technologies
• MANAGE RISKS using natural solutions, innovative engineering and regulatory negotiation to reduce costs
• ABLE TO SELF-PERFORM all phases of remediation and construction

Innovation Fund Programs
• In Situ sediment capping work plan
• Dioxane cometabolic biodegradation study
• Literature Review on PFAS Background Levels
• PFAS phytoremediation
• Thermal Imaging in Support of Natural Source Zone Depletion of Petroleum Light Nonaqueous Phase Liquids (LNAPLs)
• Chloroethane Degradation
• Reproducible Data Products
• Electrochemical oxidation of PFAS in Regenerant Waste

Remediation Construction
Our remediation construction group provides soil & groundwater remediation, site restoration, facility decontamination/ decommissioning, and rapid/emergency response (ER) services across the country for over 20 years, delivering project on-budget, on-schedule with excellent safety and environmental records.

We employ a team of highly trained site supervisors, each with 15+ years site management experience and each a long-term AECOM employee. The team is rounded out by project managers, equipment operators, field technicians, disposal coordinators, scientists, and engineers — all HAZWOPER-trained.