

Groundwater Services

Cameron-Cole provides a full range of groundwater characterization, remediation, and monitoring services for clients throughout North America. We recognize that the collection of groundwater data represents a significant expense and we carefully evaluate the project objectives and data needs to design a data collection program that is optimized to support the questions that must be addressed.

Our services include –

- Aquifer testing to determine aquifer properties, separate-phase product recovery rates, and field evaluation of specific remediation technologies
- Groundwater flow and solute transport modeling to predict contaminant fate, evaluate biodegradation, and design groundwater abatement systems
- Application of statistical methods to optimize sampling costs/benefits, probabilistic-based analyses to predict groundwater fate, and robust statistical analyses to ensure accuracy and efficiency in detection monitoring data
- Monitored natural attenuation demonstrations
- Forensic environmental analysis, including chemical fingerprinting, degradation product analysis, and provenance analysis
- Remediation system design specializing in, in situ technologies (biosparging, permeable reactive walls, chemical oxidant injection)
- Remediation system effectiveness evaluation, including rigorous third-party reviews to determine system effectiveness and cost-effective optimization options



Cameron-Cole

creating sustainable success

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