

## SERVICES

### ASSESSMENTS

- UST
- RCRA
- SUPERFUND
- VOLUNTARY
- REAL ESTATE
- INSURANCE



## SITE CHARACTERIZATION



- Database Research
- Data Validation
- Regulatory Interpretation & Reporting
- Cleanup Goal Development / Negotiation
- Soil & Groundwater Assessments
- Geologic / hydro-geologic Interpretation
- Field Monitoring
- Data Management
- Fate & Transport
- Risk Assessments
- Remedial Alternatives Analyses
- Cleanup Estimation
- Forensic Dating

**EXCALIBUR's** success in efficiently identifying and defining site contamination issues for its clients stems from its 'think outside the box' philosophy brought to bear on every project. We continually strive to identify the most effective investigative tools and technologies for site-specific conditions and characterization goals, optimizing data quality while minimizing data volume.

Our staff's long-standing experience in working in nearly every type of contaminated setting equips us with the expert knowledge to properly plan and implement effective field investigations using conventional and innovative approaches & technologies. We have characterized environmental impacts caused by releases of:

- chlorinated solvents;
- volatile organic compounds (VOCs);
- petroleum products;
- heavy metals;
- polycyclic aromatic hydrocarbons (PAHs); and
- co-mingled and other classes of contaminants.

**EXCALIBUR** emphasizes the importance of effective field screening over extensive and expensive environmental sampling and analyses. From the early planning stages, our staff seeks out opportunities to collect only the essential information using methods

## REPEAT CUSTOMERS

- ACE INSURANCE
- ALEXANDRIA METAL FINISHERS
- ASHLAND
- BAKER BOTTS LLP
- BB&T
- CDM
- CHUBB INSURANCE
- CONOCO-PHILLIPS
- DEWBERRY
- DEVOS & CO., LLP
- DOW CHEMICAL
- ICF INTERNATIONAL
- JACK RICH ENERGY
- LIBERTY MUTUAL
- MITSUBISHI
- MWH
- PA UST INSURANCE
- REILLY INDUSTRIES
- SALTIRE INDUSTRIAL
- SHERWIN-WILLIAMS
- SHIPLEY ENERGY
- SHISEIDO AMERICA
- TITAN
- URS
- VDOT



## SITE CHARACTERIZATION

and technologies that provide greatest value to our clients while minimizing disruptions to daily site operations.

**EXCALIBUR** prides itself in helping clients understand what the site characterization results really mean relative to established regulatory obligations and potentially less onerous corrective actions and clean-up levels. In fact, we collect the site characterization data with these goals in mind. Instead of merely taking the information and comparing it to established requirements, we work with clients to look beyond the obvious. Defining contamination in terms of real-world risks relative to our clients' on-going operations and future budgets is why clients seek out **EXCALIBUR**'s creative site characterization services.

**EXCALIBUR**'s site characterization services are often tailored to simultaneously collect other information needed to identify the best remedial technology for cleaning up impacted sites. Instead of collecting this information as part of a separate follow-up effort, **EXCALIBUR** more efficiently collects data needed to evaluate remedial alternatives while completing the site characterization. **EXCALIBUR**'s emphasis on collecting information about the relative past, on-going and future facility operations and neighboring properties during the site characterization has proved time and again invaluable to downstream use by our risk assessors, engineers, remediation specialists and, ultimately, our clients.

