

Environmental Services

Since 1984, DBS&A has provided site characterization and remediation services at hundreds of sites throughout the West. We strive to provide business-friendly solutions that minimize impacts to site operations and optimize removal rates with strategies tailored to our clients' specific needs.

Site Characterization

DBS&A has experience working with a wide variety of sites, such as:

- ◆ Industrial facilities, including refineries and chemical manufacturers
- ◆ Operating and closed mines
- ◆ Brownfields
- ◆ Airports
- ◆ Service stations
- ◆ Solid waste, hazardous waste, and mixed waste landfills
- ◆ Oil and gas fields

We tailor our investigations to the needs of each project. Investigation approaches vary from minimally intrusive TRIAD-based investigations to CERCLA-based remedial investigations with dozens of wells installed to delineate chlorinated solvent plumes. Field work is carried out in accordance with approved work plans and/or standard operating procedures to ensure that data quality objectives are met. Our primary clients include federal and state regulatory agencies, municipalities, private companies, and law firms.

Site Remediation

DBS&A has established a reputation for providing innovative, technically sound, and cost-conscious solutions. Our remediation teams draw on corporate and individual expertise in the investigation and remediation of petroleum hydrocarbons, chlorinated solvents, metals, and mine wastes with:

- ◆ Remedial designs focused on regulatory acceptance and stakeholder buy-in
- ◆ "Right-sized," risk-based solutions
- ◆ In situ or ex situ approaches based on access and scheduling flexibility
- ◆ Cutting-edge solutions to complex problems



Remedial Designs and Actions

From plans and specifications for simple excavations to multi-media remedies at Superfund sites that include dozens of groundwater and soil vapor extraction wells, DBS&A has completed a range of remedial designs. Subsequent to design and permitting activities, we oversee the remedial action activities.



DBS&A received New Mexico Chapter of the ACEC Engineering Excellence Awards in 2008 for completing remedial actions to address soil contamination of the community water system in Peñasco, New Mexico (left), and in 2011 for the State Lead Remediation Services performed at the Santa Fe County Judicial Complex (above).



Regulatory Compliance

DBS&A has extensive experience in the application of regulations that govern facilities under numerous federal and state programs. DBS&A staff perform all aspects of air, water, and waste permitting and are well-versed in performing the audits, inventories, and required reporting needed for compliance with these programs, including:

- ◆ Resource Conservation and Recovery Act
- ◆ Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- ◆ National Environmental Policy Act (NEPA)
- ◆ Clean Water Act
- ◆ Clean Air Act
- ◆ Safe Drinking Water Act
- ◆ Spill Prevention Control and Countermeasures

“DBS&A is absolutely up to date in every detail with respect to methodology, cost-benefit analysis, and the meaning and effect of the ever-changing regulatory guidelines set by the State and federal government—and that says a lot.”

~ John R. DeLoreto, Attorney at Law

NEPA Services

We perform all aspects of evaluations for NEPA compliance and have experience with impact analysis for land use, natural resources, threatened and endangered species, water resources, socioeconomic and environmental justice, hazardous materials, air quality, noise, visual resources, and cultural resources. In addition to our NEPA specialists, our team of hydrologists, biologists, geologists, GIS specialists, engineers, and environmental scientists can provide the resources necessary for evaluating specialized and complex issues, including the preparation of or assistance with:

- ◆ Environmental Impact Statements
- ◆ Environmental Assessments
- ◆ Categorical Exclusions
- ◆ Environmental Information Documents
- ◆ Biological Assessments
- ◆ Biological Evaluations



We incorporate input from appropriate stakeholders, agencies, and the public into the evaluation of project alternatives early in the process as part of our cost-effective and successful strategy of NEPA planning.

Disposal Facility Support

We support landfill operators and hazardous waste managers by providing regulatory, scientific, and engineering solutions at hazardous and municipal solid waste landfills, cogeneration facilities, land disposal units, waste isolation facilities, and mine sites. Our experience includes siting, permitting, design, construction oversight, and monitoring for facility expansions, permit modifications, and closures.

Mining Services

DBS&A's scientists and engineers have been assisting the mining community for 30 years gaining a comprehensive understanding of mine operations and closure activities at mines, mills, and smelters. Our firm's experience in geology, geochemistry, hydrology, and engineering allows us to assist mining clients at any point in the life of a mine. Across the western U.S., DBS&A has assisted mines with:

- ◆ Site characterization
- ◆ Permitting
- ◆ Regulatory compliance
- ◆ Water management
- ◆ Reclamation
- ◆ Optimization of operations
- ◆ Evaluation of impacts of acid rock drainage
- ◆ Characterization of tailing ponds, leach pads, and waste rock piles

