Environmental Compliance and Cleanup Management Support

Environmental compliance and pollution prevention are critical aspects of any successful environmental program. The Center provides technical support in these key areas. CEMML can provide on-site and/or off-site technical assistance that is tailored to meet the needs of environmental managers.

The Center provides assistance to environmental managers in compliance areas such as air, water, waste, toxics, and storage tanks. Center staff (scientists, technicians, and managers) can provide support for: interpretation and/or implementation of state, federal, and agency regulations; permitting, planning, and reporting; as well as inspections and operations. CEMML is experienced in conducting environmental site assessments that include evaluation of soil and ground water conditions, delineation of contamination, and evaluation of impacts of contaminated media on natural resources. The Center provides technical support for environmental cleanup projects under CERCLA, RCRA and state voluntary actions. CEMML specialists in risk characterization help managers evaluate human health and ecological risks associated with chemicals and radionuclides in environmental media, establish appropriate cleanup levels, and communicate the potential risks to the public.

The Center has technical and management specialists that provide day-to-day project management under the guidance of an agency environmental manager, and support pollution prevention programs to reduce and prevent pollution at the source by providing technical expertise in areas such as waste reduction, recycling, and environmental management systems (EMS). The Center also has the capability to develop and manage GIS systems to track environmental data such as tanks, wells, contaminants, institutional control areas, and installation action plan data. Center personnel have provided technical review of documents, developed project specific scopes of work, project cost estimation, cost-to-complete estimation, environmental database management, monitoring, and reporting. As part of an integrated team, Center personnel have been able to interact with environmental managers and help them meet their compliance goals. Some examples of compliance and cleanup support provided by the Center include:

- Environmental Cleanup Technical and Project Management Support
- Human health and Ecological Risk Assessment (CERCLA/RCRA)
- Clean up Level Derivation
- Site Characterization – chemical and radiological
- Health Physics support
- Preliminary Environmental Surveys
- Pollution Prevention and Recycling (P2)
- Environmental Management Systems (EMS) Support
- Wastewater and Storm Water Management and Planning