

OVERVIEW

EBERLINE SERVICES



Consulting



Field



Analytical

Overview

- Nationwide provider of radiological and environmental services for more than 50 years
- Consulting, Field, and Analytical Services
- Specialized expertise in
 - ✓ Radiological characterization and analysis
 - ✓ Radioactive and hazardous waste management
 - ✓ Environmental, safety, and health management
- Ranked in *Engineering News Record's* Top 20 in Nuclear Waste
- More than 200 environmental and safety professionals nationwide
- Small business under NAICS code 562910, Environmental Remediation, and the 500-employee size standard
- Headquartered in Albuquerque, New Mexico
- Other primary offices in
 - ✓ Los Alamos, New Mexico
 - ✓ Denver, Colorado
 - ✓ Oak Ridge, Tennessee
 - ✓ Richland, Washington
- Laboratories in
 - ✓ Albuquerque
 - ✓ Oak Ridge
 - ✓ Richmond, California
 - ✓ Lionville, Pennsylvania (LvLI)

Consulting Services

Eberline Services' Consulting Services group focuses on providing solutions to technical, regulatory, and fiscal challenges its clients face in routine operations and on special projects. Services include program development, implementation, and assessment; regulatory analysis, strategy development, permitting, and compliance; and environmental liabilities management through such techniques as pollution prevention and application of best management practices.

Multimedia Environmental Program Development, Implementation, and Assessment

- Air quality
- Water quality (drinking water, storm water, wastewater, surface water, and groundwater)
- Waste management (sanitary, solid, hazardous, radioactive [low-level and TRU], mixed, and TSCA)
- Soil and subsurface quality (bioremediation strategies for petroleum-contaminated soils, characterization and investigation of subsurface contamination)

Regulatory analysis, strategies, permitting, and compliance

- RCRA, TSCA, CWA, SDWA, CAA, OSHA, and more

Environmental Liabilities Management

- Compliance audits and assessments
- Environmental management systems
- Waste management (characterization through documentation, reporting, and final disposition)
- Environmental remediation (assessment through characterization, cleanup, and long-term monitoring)
- D&D support (planning through verification)
- Spill prevention and response planning
- Emergency response
- Health and safety
- Quality assurance
- Training
- Pollution prevention, source reduction
- Application of best management practices
- Vulnerability assessments



State-of-the-Art Technologies

- **Global Positioning Environmental Radiological Surveyor (GPERS) and Laser-Assisted Ranging and Data System (LARADS)** for radiological surveys and mapping
- **Spectral Non-destructive Assay Platform (SNAP™)** for *in situ* gamma spectroscopy characterization of contaminated items of various sizes and shapes
- **Active and Passive Neutron Examination and Assay (APNEA)** system for characterization of TRU debris and sludge waste in 55-gallon drums or 85-gallon overpacks
- **Segmented Gate System (SGS)** for sort, segregation, and volume reduction of radiologically contaminated soil.

Field Services

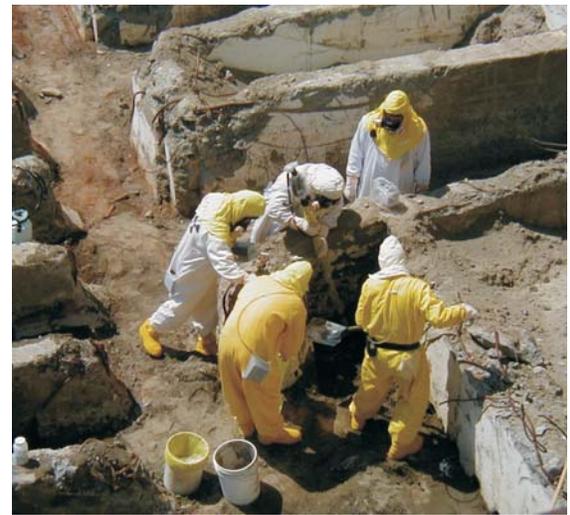
Eberline Services' Field Services group provides both onsite services and personnel. We have provided field services for environmental remediation projects since the mid-1960s.

Project Types

- Site characterization and remediation
- Decontamination and decommissioning (D&D)
- Waste management
- Facility operations

Capabilities

- Radiological protection program development and implementation
- Radiological survey, characterization, and mapping
- Radiological and industrial hygiene risk assessment and safety analysis support
- Project health and safety and radiation protection planning
- As low as reasonably achievable (ALARA) engineering and surveys
- Industrial hygiene monitoring and assessments
- Safety and health training
- Radiological protection and industrial hygiene staffing



Analytical Services

Eberline Services' Analytical Services group offers the capabilities of one of the nation's largest and most experienced commercial radiochemistry laboratory networks, with a track record of reliability earned through more than 50 years of radiochemistry experience. Our laboratory network provides radiochemistry, stable chemistry, and mixed waste analytical services to U.S. Department of Energy (DOE) sites, commercial nuclear utility generating stations, and numerous state and local government entities.

Capabilities

- Environmental monitoring
- Drinking water
- Bioassay
- Waste characterization, including 10 CFR 61
- Effluent monitoring, including 10 CFR 50 and REMP
- Complete stable chemistry and mixed waste analytical services through our Lionville Laboratory

Qualifications

- National Environmental Laboratory Accreditation Program (NELAP) accreditation
- Nuclear Procurement Issues Committee (NUPIC) approval
- DOE Consolidated Audit Program (DOECAP) approval
- U.S. Army Corps of Engineers (USACE) validation
- U.S. Naval Facilities Engineering Command (NAVFAC) approval
- Clinical Laboratory Improvement Act (CLIA) certification for radiobioassay
- Numerous state certifications
- Radioactive materials licenses



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