



CABRERA SERVICES

Non-Destructive Assay Services

Services Offered

Non Destructive Assay

In situ Gamma Spectroscopy

Advanced ISOCS® Modeling and Analysis

Visual "Hot-Spot" Container Mapping

Transuranic (TRU) and Low-Level Radioactive Waste Characterization and Program Support

Real-time Waste Segregation

Material Control & Accountability (10CFR74)

Waste Acceptance Criteria Compliance

Regulatory Interface

CABRERA Contacts

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Equal Opportunity Employer (EOE)

GSA Number: GS-10F-0360N

Capabilities

CABRERA SERVICES is an industry leader in supplying innovative non-destructive assay (NDA) solutions using *in situ* gamma spectroscopy technologies. We specialize in providing turn-key NDA applications designed to help our clients meet their goals and reduce their cost and risk. Our highly skilled Health Physicists and NDA Engineers have years of experience executing challenging scopes of work in a wide array of environments, including Weapons Production and Maintenance, Fuel Fabrication and Reprocessing, TRU Waste Segregation and Packaging, and Characterization/Remediation of Former Radioactive Burial Sites.



A SBA-certified small disadvantaged business
www.cabreraseservices.com

We provide innovative solutions to complex remediation problems



Clients

- US Army Corps of Engineers
- US Army
- US Air Force
- NSTec, LLC (US DOE)
- West Valley Environmental Services, LLC (US DOE)
- Savannah River Nuclear Solutions, LLC (US DOE)

Technology

- High-Purity Germanium Detectors (both LN2 and electronically cooled cryostats)
- Hand-held Lanthanum-Bromide (LaBr) Spectrometers
- Visual Contour Mapping of Containers for TRU Waste Content
- Wireless System Implementation and Control

Project Highlights

Nevada Test Site Area 5 - CABRERA developed real-time 'Go/No-Go' TRU waste segregation during active reprocessing operations in a High Contamination Area using remote controlled systems. These efficiencies saved time, schedule dose to the workers, and reduced overall TRU waste volumes by 66%.

West Valley Demonstration Project – Visually mapped TRU waste content in over 100 waste boxes awaiting re-processing, then applied our 'Go/No-Go' process to aid in segregation of TRU from low-level wastes.

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