

# D&D SERVICES



LATA, with over 15 years of experience, is a leading provider of deactivation and demolition (D&D) services. We serve a diverse clientele, including commercial, Department of Energy (DOE), and Department of Defense (DoD) clients, specializing in the management of **hazardous** and radionuclide-contaminated structures and waste. We excel in both **self-performing** and overseeing D&D activities, often under fixed-price contracts, drawing upon our deep understanding of project complexities, issues, and production rates to ensure **on-time** and **on-budget** project completion. Our unwavering commitment to delivering **top-tier** D&D services continues to set us apart in the industry.

## AREAS OF EXPERTISE

- Deactivation, Decontamination, Decommissioning and Demolition of Hazardous and Radiologically Contaminated Facilities
- Facility Investigation and Characterization
- Waste Characterization
- Waste Management
- DOT Packaging Evaluations
- Data Package Development
- Certification, Packaging and Shipping
- Waste Treatment Systems Design and Operations
- Industrial Safety and ES&H Program Support
- Specialized Materials and Hazards Handling and Management
- Nuclear Materials Handling and Disposition
- Engineering Controls, Building Modifications, and Facility Upgrades
- Work in Operational Facilities

## SAFETY

LATA has a long-standing track record of completing work safely. At the Paducah Gaseous Diffusion Plant alone, LATA surpassed 3 million working hours without an accident. Our 3-year average EMR is 0.80.

## CONTACT

**Bobby Bates**  
VP of Infrastructure  
509.392.1932  
bbates@lata.com



### Primary NAICS Code

562910: Environmental Remediation Services (Small Business)

### Ancillary NAICS Codes

561210: Facilities Support (Small Business)

562211: Hazardous Waste Treatment and Disposal (Small Business)

541715: Research and Development in the Physical, Engineering, and Life Sciences (Small Business)

541519: Other Computer Related Services (Small Business)

SAFETY | SERVICE | RELATIONSHIPS



# EXAMPLE PROJECTS



## **TA-22 Magazine and TA-37 Magazine Demolition, Los Alamos National Laboratory, NM**

LATA deactivated, decommissioned, and demolished 19 structures. Work included abatement, transport, and disposal of asbestos and regulated materials; removal, packaging, and disposal of universal and PCB wastes; demolishing, loading, transport, and disposal of the structure waste; and site stabilization.

## **TA-3 Existing Substation D&D Project, Los Alamos National Laboratory, NM**

LATA demolished and disposed of extraneous equipment and universal waste from building 03-0230. Work included removal and disposal of the backup battery bank; demolition and disposal of ring bus structures and associated equipment, two transformers, and four banks of three oil containing breaker tanks; removal of 15 kV conductors; removal and disposal of oil contained within equipment; demolition and disposal of perimeter fence; and demolition and disposal of two sets of power poles.

## **TA-50 Clarifier 1 Stabilization Project, Los Alamos National Laboratory, NM**

LATA is performing decontamination and demolition of designated components including chemical feed chutes, dissolution tanks, associated piping, and equipment. LATA designed and constructed a temporary containment structure and HEPA negative pressure ventilation system inside of room 116-an operating Nuclear Category 3 Facility. LATA is decontaminating, draining, and flushing the water and sediment in Clarifier 1 and the west flash mixer through the Radioactive Liquid Waste treatment system. LATA will plug, decontaminate, demolish, package, and dispose of designated piping, systems, and components of the clarifier as Low-Level Radioactive Waste.

## **Reactor Removal at Building 280, Lawrence Livermore National Laboratory, CA**

LATA led the beryllium (Be) program and waste management activities for the demolition of the research reactor in B280. LATA developed the Beryllium Monitoring and Control Plan, performed Be safety training, medical monitoring, and daily Be monitoring. LATA developed and maintained the Radioactive Waste Management Basis and the Waste Management Plan. LATA also led the development and execution of the Sampling Plan, development of Waste Profiles generator training, management of waste accumulation areas, waste documentation and tracking, waste characterization, and waste shipping.

## **D&D of the Converted Advanced Wastewater Treatment Facility, Fernald Preserve Site, OH**

LATA removed media and ion exchange (IX) resin and D&D existing infrastructure. D&D involved removal of eight (8) 6600-gallon pressure vessels, each full of spent IX resin, and contaminated multimedia and emptying one 20,000-gallon IX resin storage vessel. LATA implemented an innovative approach that included the removal of the resin in slurry form to minimize personnel contact and removal of the tanks wholly intact including some or all of the contents rather than completely emptying the tanks and downsizing for transport.

## **Backwash Basin Refurbishment, Fernald Preserve Site, OH**

The demolition work consisted of dewatering and removal of radionuclide sludge from the 101' x 101' x 6' Backwash Basin and packaging and transportation of 600 cy of waste. To prevent penetrating the existing basin liner, LATA installed a "squeegee" of rubber and fabric belting on the backhoe.

## **Environmental Remediation and D&D, Paducah Gaseous Diffusion Plant, KY**

LATA deactivated and demolished the two most contaminated buildings onsite-the 60,000 ft, 14-story C-340 Metals Reduction Facility and the 100,000 ft, seven-story C-410 Complex. The buildings were highly contaminated with PCBs, asbestos, uranium, Tc-99, and metals. Over 9,000 ft of piping was manually removed over 18 months prior to demolition. Negative air machines, chemical traps, and other components were used to remove and stabilize HF that may have been in the piping as a result of UF6 presence.

## **Building K-33 Demolition and Disposition, Oak Ridge Reservation, TN**

LATA demolished the K-33 former gaseous diffusion uranium enrichment facility, one of the world's largest buildings with 2.8M ft of floor space. LATA developed a new snip and pull structural demolition method which allowed demolition to be completed 5 months early and nearly \$8M under budget. LATA disposed of 164,000 tons of waste with an outstanding safety record and met all objectives of the contract. **This project received the Secretary of Energy's Achievement Award in 2013.**