

D&D SERVICES



LATA, with 50 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 War (DOW) 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

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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 08-0032; TA 11-0024; TA 11-00036 D&D Project, Los Alamos National Laboratory, NM

LATA demolished TA-08-0032 a high explosives magazine, TA-11-0024 a high explosives magazine, and TA-11-0036 an air gun facility at LANL. Project activities consisted of ACM removal, regulated and hazardous materials removal, building demolition, footing excavation, surface grading, waste disposal, and recyclable materials. The waste streams encountered and disposed of were asbestos waste, C&D debris, and hazardous/universal waste. The materials recycled were metal, concrete, and asphalt. Once the structures were demolished, materials recycled, and waste disposed of LATA performed site restoration and stabilization.

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. Work included removal and disposal of a 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; and demolition and disposal of two sets of power poles.

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

LATA safely stabilized a highly contaminated clarifier within an active Nuclear Category 3 Radioactive Liquid Waste Facility. The project included design and construction of a temporary containment structure with HEPA-filtered negative pressure ventilation, decontamination and demolition of internal components, and removal and disposal of 204 cubic yards of transuranic waste. Work was performed under confined space and high-contamination controls while maintaining full compliance with Technical Safety Requirements and achieving all regulatory milestones on schedule.

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.

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.**