

# CAPABILITIES



With over 45 years of engineering and environmental experience, LATA has a long history of working with the U.S. **Department of Energy** and **Department of Defense** on numerous projects covering a wide range of scope. With office locations across the continental United States, LATA is poised to use its experience as a prime contractor and/or subcontractor to support the regulatory and operational needs of our customers.

Our foundational elements of Safety, Service, and Relationships allow us to provide premier support to **Nuclear, Environmental and Waste, Engineering, and Defense/Intelligence** challenges across all spectrums of business.

## AREAS OF EXPERTISE

- Facilities and Site Management and Operations
- D&D of Hazardous and Radiologically Contaminated Facilities
- Waste Management and Characterization
- Environmental Compliance and Remediation
- Special Materials & Hazards Handling
- Engineering and Technical Services
- NEPA and Regulatory Compliance
- Industrial Safety and ES&H Program Support
- Groundwater Modeling, Monitoring and Sampling
- Human Health and Ecological Risk Assessments
- Landfill Design, Installation, Removal and Closure
- Design-build and Design-bid Construction Management
- PFAS Analysis and Removal
- Project Chemistry, Validation and Data Management
- Engineering and Process Automation Design/Control
- Logistics Analysis and Planning
- Nuclear Engineering
- Systems Engineering and Technical Assistance
- System Controls & SCADA
- Weapons of Mass Destruction Safety & Security



SAFETY | SERVICE | RELATIONSHIPS

## 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)

# EXAMPLE PROJECTS



## DOD Services

### **Texas Group Bases Performance Based Remediation**

LATA delivered risk-based remediation services at numerous HTRW and MMRP sites across an aircraft manufacturing plant and five active Air Force Bases in Texas. These services encompassed a wide range of site objectives, including assessments, inspections, removal actions, groundwater remediation, Land Use Controls, Institutional Controls management, Long-Term Management, Remedial Action-Operations, and site closure.

### **Focused Feasibility Study at Air Force Plant 4, Forth Worth, TX**

LATA evaluated past remedial strategies for solvent-contaminated groundwater plumes (~750 acres) and charted a path forward with a Focused Feasibility Study. Investigation and field studies were performed to complete groundwater contaminant delineation including installation of 15 monitoring wells. We conducted a facility-wide monitored natural attenuation (MNA) effectiveness study to support future alternative remedies and better management/control of life cycle cost (LCC). LATA prepared a Technical Impracticability (TI) Waiver which ultimately was approved by EPA Region 6 as well as acceptance of MNA as the final remedy.

### **Former Pease AFB Airfield Interim Mitigation System, Design-Build SCADA Services for PFAS Cleanup, Portsmouth NH**

LATA was subcontracted to provide a design/build PFAS solution for a facility-wide SCADA and instrumentation and controls system for cleanup of contaminated groundwater. The proposed Airfield Interim Mitigation System solution is designed to ensure the protection of human health by eliminating exposure to drinking water that may have PFOS and PFOA impacts above EPA lifetime health advisory values.

## DOE Services

### **Y-12 Waste Management Services, Oak Ridge, TN**

LATA operates 10 waste management facilities to treat mercury (Hg) contaminated groundwater; Hg-contaminated water from sumps; plant wastewaters containing enriched uranium; RCRA, low-level radiological, mixed, PCB, and Beryllium (Be) waste streams; groundwater contaminated with metals (e.g., iron and lithium), chlorinated hydrocarbons, PCBs, carbon tetrachloride, methylene chloride, chloroform, and other voes; nitrate-bearing wastes; and to reduce pyrophoric depleted uranium to a stable form of depleted uranium oxide.

### **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.

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

LATA oversaw the beryllium (Be) program and waste management for the B280 research reactor demolition. This involved creating a Beryllium Monitoring and Control Plan, conducting safety training, medical monitoring, and daily Be monitoring. LATA also managed the Radioactive Waste Management Basis and Waste Management Plan, directed the Sampling Plan, provided waste profile generator training, oversaw waste accumulation areas, handled waste documentation and tracking, conducted waste characterization, and managed waste shipping.

## Commercial Services

### **Environmental Services, Ohio State University, Columbus, OH**

LATA played a key role in diverse environmental projects for Ohio State University (OSU) including waste profiling, civil design, and environmental assessment, and delineation of landfills. LATA also developed a comprehensive Spill Prevention Control and Countermeasures (SPCC) Plan. Additionally, LATA managed upgrades for tank farms and conducted investigations and remediation at the Solvent Pit site. These multifaceted efforts ensured compliance with environmental regulations and addressed infrastructure improvements for OSU.

### **Continental Tire (CTNA), Mayfield, KY**

LATA successfully managed a multifaceted environmental remediation project for the 58 acre CTNA Former National Priority List (NPL) Landfill site and tire manufacturing plant. Work included assessments, investigations, and development of a site remediation plan. Groundwater monitoring and treatment led to a significant reduction in volatile organic compound (VOC) concentrations. An innovative in-situ chemical oxidation (ISCO) system was employed. The project adhered to budget and schedule constraints while considering ongoing and future land use. Collaboration with regulators allowed for a strategic plan to discontinue water pumping operations post-manufacturing.