

WASTEWATER REUSE



LATA is a top-tier provider of **environmental** investigation, remediation, and project management services, boasting over **45 years** of experience serving commercial, municipal, and federal clients. We excel in complex, high-hazard, multi-disciplinary projects, offering end-to-end expertise from investigation to maintenance, ensuring a clear project vision from the outset.

LATA has successfully performed **complex** environmental restoration and waste management projects within every US regulatory region, tailoring processes to site specific issues and project end-state requirements. Our exemplary **performance** record is due to our ability to self-perform work, allowing us to apply our field experience to deliver results safely and to effectively control schedule, **quality**, and cost performance.

AREAS OF EXPERTISE



ENGINEERING

- Site investigations and studies
- Design-build and design-bid construction management of civil and environmental construction and remediation
- Permitting and regulatory assistance
- Demolition, decontamination, and decommissioning of hazardous and radiologically contaminated facilities



WASTE MANAGEMENT

- Waste treatment systems design and operations
- Treatment system operations and maintenance
- Waste characterization; DOT packaging evaluations; data package development & certification, packaging, and shipping



REMEDIATION

- Industry leader in remediation optimization and remotely operated groundwater and other treatment systems saving O&M costs
- Long-term monitoring including natural attenuation and regulatory reporting
- Risk assessment – Human health and ecological
- Groundwater modeling and plume fate and transport delineation
- Groundwater and soil remediation services



AGRICULTURE

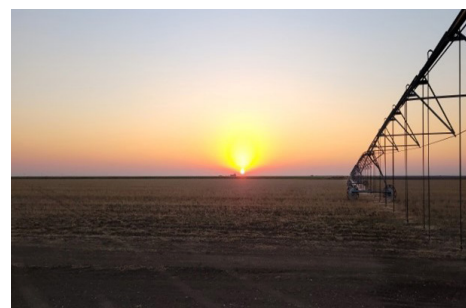
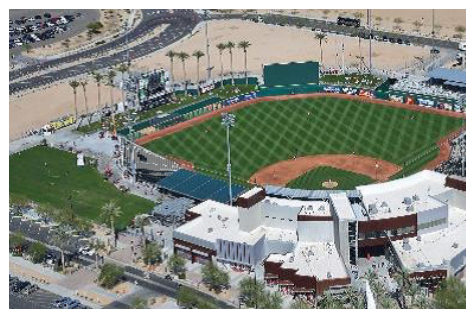
- Staff with 40+ years of agricultural & pivot irrigation experience in West Texas
- Experience in controlling nutrient, salinity, and pH levels in the reuse of water for agricultural applications

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



Pivots Wastewater Reuse Project, Pantex Plant, Amarillo, TX

LATA provided construction services for the installation of 30,000 linear feet of HDPE conveyance pipeline crossing under 50+ utilities, boring under 3 state roads, construction of an 11 Mgal holding pond and installation of 5 micro pivots (160 acres each). LATA designed the control system to convey treated groundwater and facility wastewater to beneficial reuse for crop irrigation. The system is designed at 800 gpm and remotely operated with a supervisory control and data acquisition (SCADA) system.

Beneficial Reuse of Treated Groundwater at MLB Field, Phoenix Goodyear Airport, AZ

LATA supported negotiations with the City of Goodyear to provide treated groundwater from the remediation system for beneficial reuse. The water is used to irrigate the Major League Baseball (MLB) Cactus league baseball fields. LATA was responsible for design and construction of 1400 feet of HDPE pipeline, PLC and SCADA to provide reuse water on demand. This project was recognized by USEPA Superfund Redevelopment Initiative (SRI) and received a top 10 award by Water and Waste Digest for beneficial reuse. LATA performed engineering design, instrumentation and controls design, construction and system startup.

Design Modification & Installation of Infrastructure for Remedial Action, Pantex Plant, Amarillo, TX

LATA is installing infrastructure to support a large 41 well groundwater pump and treat system including 1 mile of 13.2KVA power with 1 mile of power lines; 2 miles of light duty roads; 1 mile of heavy-duty roads; 2 exits off of Texas State Highway 60; installation of 41 extraction well pumps; 2 miles of subsurface pipelines; power distribution and PLC control panels to support operation of the wells; and 2 equipment pads 100 ft x 200 ft and 100 ft x 100 ft.

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

LATA operates 10 waste management facilities to treat mercury contaminated groundwater; mercury-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 VOCs; nitrate-bearing wastes; and to reduce pyrophoric depleted uranium to a stable form of depleted uranium oxide.

PFAS Cleanup & Design-Build SCADA Services, Former Pease AFB Airfield Interim Mitigation System, 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.

Los Alamos National Laboratory Technical Areas TA 22 and 37 D&D, Los Alamos, NM

LATA deactivated, decommissioned, and demolished 19 structures in LANL Technical Areas 22 and 37. Work included abatement, transport, and disposal of asbestos and regulated materials; removal, packaging, and disposal of universal and PCB wastes; and demolishing, loading, transport, and disposal of the structure waste; and site stabilization.

Long Term Operations/Long Term Monitoring at 7 U.S. Army Installations

LATA conducted environmental sampling; O&M of landfills, monitoring wells, and treatment facilities; repair of landfills; stream stabilization; rip rap build up; erosion repair and placement of cover soils at seven Army installations in Ohio, Illinois, Missouri, and Kansas.

Backwash Basin Sediment Removal and Refurbishment, Fernald Preserve Site, OH

LATA dewatered sludge and removed radionuclide-containing sediments in the 1M-gallon basin, solidified sediments with a pozzolan admixture and transported the solidified wastes to a licensed radiological waste facility for disposal and water treated at the onsite treatment facility.