



DATA VALIDATION SERVICES

With 50 years of engineering and environmental experience, LATA helps clients turn complex laboratory data into defensible, decision-ready information. Our Data Validation services go beyond compliance checks to assess usability, support project-specific data quality objectives, and ensure results can withstand regulatory, technical, and legal scrutiny. LATA supports federal, defense, and commercial programs with scalable validation, EDD workflows, database integration, automated QA/QC, and regulator-ready reporting. With experience across major analytical groups, emerging contaminants such as PFAS, and platforms including EQUS, NIRIS, ERPIMS, FUDSchem, and ERIS, we provide the technical insight and data integrity needed to move projects forward with confidence.

AREAS OF EXPERTISE

- Environmental Data Validation & Usability Assessment
- Analytical Data Quality Review
- EDD Preparation, Validation, and Submission
- Automated QA/QC Workflows
- Data Quality Objectives Support
- Regulator-Ready Data Packages
- EQUS Data Management and Reporting
- NIRIS and Navy ERP/NEDD Data Integration
- ERPIMS, FUDSchem, and ERIS Support
- Legacy Database Migration and Integration
- Custom Access Database Development
- GIS and Dashboard-Ready Data Outputs
- PFAS and Emerging Contaminants
- VOCs, SVOCs, Pesticides, Herbicides, and PCB
- Metals, General Chemistry, and Radiochemistry Validation
- Petroleum Hydrocarbon Data Review
- Data Usability Summaries and Reporting
- Environmental Informatics and Data Management
- Federal Remediation Program Data Support
- Risk Assessment and Remedy Selection Data Support



SAFETY | SERVICE | RELATIONSHIPS

CONTACT

Cory Tackett
AVP of DoW Programs
614.508.1253
ctackett@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)

EXAMPLE PROJECTS



Regional Long-Term Operations / Monitoring for Five Installations, KS, MO, & IL

LATA serves as Prime Contractor for USACE's regional LTO/LTM program across five Army installations and 34 environmental sites. LATA validates analytical data from more than 135 groundwater wells, seven springs, and associated seep, surface water, soil gas, and soil datasets in accordance with DoD QSM, National Functional Guidelines, UFP-QAPPs, and project-specific DQOs. Validated results are uploaded to ERIS and used to support plume mapping, trend analysis, optimization studies, annual reporting, and regulatory decision-making.

Forbes S-9 Long-Term Response Action, Holton, KS

LATA performed long-term groundwater monitoring, reporting, and remedy evaluation for the Former Forbes Atlas Missile Site S-9. The project included 14 sampling events, validation of chlorinated VOCs and natural attenuation parameters, and preparation of Chemical Data Quality Control Summary Reports. LATA compiled validated data into SEDD deliverables, uploaded project data to FUDSchem, and used the results to evaluate plume stability, remedy performance, and the protectiveness of the selected remedy.

Midwest BRAC Environmental Construction Optimization Services (BECOS), Multiple AFBs

LATA, as prime contractor, supports the U.S. Department of the Air Force across 88 environmental sites at 10 BRAC installations. LATA provides full data validation prior to ERPIMS submission and uses validated data to support groundwater plume mapping, statistical trend evaluations, treatment system performance assessments, Five-Year Reviews, and Land Use Control updates. The program integrates monitoring, remediation, PFAS treatment system data, and operational optimization into defensible environmental restoration decisions.

Great Lakes Optimized Remediation Contract, OH, MI, and IN

LATA provides data validation and data management across four Air Force installations and 29 active IRP/MMRP sites. Analytical data from groundwater, soil vapor, and other environmental media are independently validated to DoD Stage 2B or higher requirements and supported by Data Usability Assessments tied to site-specific DQOs. LATA manages validated results through ERPIMS, ERPTools X, EDITT, and related federal systems to support long-term monitoring, optimization, and site closeout strategies.

Texas & Louisiana Group Optimized Remediation Contract (ORC), TX and LA

LATA, as prime contractor, performs environmental restoration activities at 115 IRP and MMRP sites across nine Air Force installations. LATA develops project planning documents, implements field data controls, performs independent validation of analytical results, and uploads validated data to ERPIMS. The validated datasets support conceptual site models, remedy performance evaluations, regulatory reporting, response complete decisions, and site closure efforts.

Air Force Plant 4 RA-O Monitoring and O&M, Fort Worth, TX

LATA, as prime contractor, supports AFCEC with long-term monitoring, data validation, and data management for complex groundwater, surface water, and sediment systems at Air Force Plant 4. The program includes annual, semiannual, and biennial sampling across multiple aquifers, validation of VOCs, metals, PCBs, natural attenuation parameters, and DNAPL data, and integration of results into QGIS and the Dynamic Conceptual Site Model. Validated data support plume evaluations, NAPL recovery summaries, land use control inspections, regulatory reporting, and stakeholder communication.