



Quaternary Resource Investigations, LLC  
 Woman Owned Small Business (WOSB)  
 UEI: W7VCKNLWCEK9

# Environmental Consulting

Quaternary Resource Investigations, LLC (QRI) is a U.S. Small Business Administration (SBA) certified Woman-Owned Small Business (WOSB) founded in 1986 that specializes in environmental consulting, remediation, geophysical, drilling, emergency response, and construction services. QRI is a holder of the General Services Administration (GSA) Environmental Consulting Services Schedule through March 2, 2034. QRI's General Services Administration (GSA) 899 Multiple Award Schedule (MAS) allows Federal clients access to all services offered within our Environmental Consulting and Remediation Sections.

QRI is currently working on the third BPA for GSA Region 7 (GS10F105BA). The BPA covers following SINs, 899-1, 899-7, 899.8 and 00CORP-500. Under this BPA, we have been awarded two Task Orders (TOs) for Underground Storage Tank closures, two TOs for Spill Prevention, Containment and Countermeasures projects, one remediation task order for a fueling facility, seven Phase 1 Environmental Site Assessment (ESA) TOs, one Phase 2 ESA, twenty three TOs for Risk Management Surveys, four Environmental Assessments, one Environmental Impact Statement TO, two Hazmat Disposal for fueling facility TOs, one TO for AST Inspection and Maintenance Training, fourteen TOs for biological survey or assessments, one Stormwater Prevention Plan TO, three TOs for mold assessment and/or removal, one wetland delineation TO, two asbestos survey and sampling TOs, one elevator leak cleanup and one bee removal and a Land Port of Entry (LPOE).

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## Services:

- Environmental Impact Analysis Process (EIAP) including DOPAAs / EAs / EISs
- Biological Investigations & Risk Assessments
- Building Air Quality Investigations
- Cultural and Natural Resources Services
- Curation Management
- Environmental Compliance
- Environmental Training
- Groundwater Classification
- Hazardous Material / Hazardous Waste Management & Recycling
- Invasive Species Surveys
- Litigation Support
- Mold, Asbestos & Lead Assessments
- National Environmental Policy Act (NEPA) Reviews
- Natural Resources Services
- Phase I, Phase II, Phase III Environmental Site Assessments (ESA)
- Spill Prevention, Control, and Countermeasure (SPCC)
- Stormwater Pollution Prevention Plans (SWPPP)
- Subject Matter Expert
- Subsurface Investigations
- Threatened and Endangered (T&E) Species Surveys
- Vegetation Surveys
- Wetland / Waters of the US Reviews

## Project Examples:

**Removal and Disposal of two 20,000-Gallon Diesel USTs and Required TCEQ Sampling, Analysis, and Reporting. Federal Annex Building Located at 207 South Houston Street, Dallas, Texas**

Contract/TO: GS10F105BA, GS07P14HHA0055, 47PH0218F0137

QRI was contracted to conduct the removal, disposal and confirmation sampling of two 20,000-Gallon Diesel USTs used for powering backup generators as required by the Texas Commission on Environmental Quality (TCEQ). The USTs were located at the Federal Annex Building at 207 South Houston Street in Dallas, Texas. This project was previously contracted for removal by the GSA, however, during initial excavation activities it was determined that the original install of the USTs was not consistent with best practices. The area was significantly over-excavated and was not back filled with the appropriate and anticipated material(s) which resulted in the excavation area being destabilized (fill material sloughing off). At that point there were concerns associated with potential structural impacts to the area. Subsequently, a Design Investigation, Analysis, Evaluation, Bracing, Shoring, and Stability Plan for the project was developed. The scope of work included permitting, removal and disposal of concrete pavement, diesel (14,868 gallons for UST 1 and 12,433 gallons for UST 2), UST Monitoring, Removal, and Disposal, Soil Sampling/Profiling and Analysis, backfilling, concrete replacement & striping, reconstruction of a decorative brick wall, on-site project closeout.



## USACE Tulsa - Phase I Remedial Investigations of the Per- and Polyfluoroalkyl Substances (PFAS), Goodfellow AFB, Barksdale AFB

Contract/TO: W912BV19D0011, W912BV21F0159

The QRI-MSE JV (JV) is tasked with conducting Phase I Remedial Investigations (RIs) for Per- and Polyfluoroalkyl Substances (PFAS) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) for Goodfellow AFB in Texas and Barksdale AFB in Louisiana. QRI has performed 76% of all project activities. Currently, the JV is operating at Goodfellow AFB to characterize environmental conditions and define the nature and extent of PFAS contaminants. Regulatory involvement includes the Texas Commission on Environmental Quality (TCEQ) and the US Environmental Protection Agency (EPA). Field investigation at each facility was executed in a phased approach. The overall on-site PFAS delineation included installation of approximately 155 monitoring wells and 130 soil borings and the collection of sediment and surface water samples at 29 locations across both facilities. Soil, groundwater, surface water, and sediment samples were initially analyzed for PFAS using modified USEPA method 537.1 following the DoD QSM 5.3. The laboratory and field data were validated and uploaded to the ERPIMS data management system.



## Underground Storage Tank (UST) Abandonment in Place at J.J. Pickle Federal Building; 300 East 8th Street, Austin, Texas 78701 and Long Federal Building/ Courthouse; 777 Florida Street, Baton Rouge, Louisiana 70801, Fuel Removal and Disposal

Contract/TO: GS10F105BA, 47PH0819A0001, 47PH1022F0021

QRI removed and disposed of all existing fuel in the USTs. There were 1,000 gallons of diesel fuel in the Pickle UST and 500 gallons of diesel fuel in the Long UST. Soil Sampling – QRI installed and sampled four soil borings to determine the presence of hydrocarbons in the subsurface. Soil borings were installed every 25 linear feet around the tank hold and piping excavations to a depth one foot deeper than the bottom of the excavation. QRI collected two discrete soil samples from each boring from the highest indication of hydrocarbons. When the water was encountered, QRI installed one temporary groundwater monitoring well in one of the borings and collected a groundwater sample from the well through use of a dedicated, disposable bailer. QRI collected all borings with bentonite pellets and repaired surface with patches upon completion. Sample Analysis and Closure were performed, and a Closure Letter/Report was prepared.



## USACE Tulsa - Remedial Design (RD) at the Former Camp Robinson Burns Park Area 5 Action Area, North Little Rock, AR

Contract/TO: W912BV19D0013, W912BV20F0132

This task order, located in Arkansas, was awarded to conduct a Remedial Design (RD) for the Burns Park Area 5 Munitions Response Site (MRS) in coordination with USACE. This site had already undergone a remedial investigation (RI), but there were data gaps and a need for further information which necessitated an RD. QRI-MSE's completion of the advanced geo-physical classification (AGC) of the 277 acres at Burns Park will provide the needed information for the eventual Remedial Action to address the Munitions and Explosives of Concern (MEC) risk at this site. This will result in a Response Complete status for this MRS. All work has been performed in compliance with CERCLA and NCP, 40 CFR Part 300. In addition, this work has been conducted with the close input of several stakeholders including USACE, Department of the Army (DA), the Arkansas Department of Environmental Quality (ADEQ), Arkansas Game and Fish Commission, and North Little Rock Park and Recreation Department. The team hosted systematic planning process (SPP) meetings with stakeholders to ensure that the RD planning was a comprehensive, systematic, and collaborative effort between all stakeholders. The MR-QAPP was accepted by ADEQ without comments.

