

Dec. 9 11:00am

Jordan Aldridge

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(512) 468-8789

Jordan has over five years of experience conducting fieldwork, data review, technical support and compliance review.

Authorized to work in the US for any employer

Work Experience

Geologist

Hicks & Company - Austin, TX

July 2018 to Present

Involved in a variety of biological studies, including conducting general biological surveys, evaluations and assessments in support of Endangered Species Act (ESA) consultation and Clean Water Act (CWA) permitting requirements, baseline studies, and Environmental Assessments and Environmental Impact Statements.

Assist in wetland assessment and delineation field efforts; collect appropriate field data relative to wetland vegetation, soils, and hydrology, and complete Corps routine data sheets.

Prepare wetland delineation reports and functional assessment reports for regulatory agency review.

Assist in preparing other environmental regulatory compliance documents such as Biological Assessments, Water Quality Plans, and conduct monitoring and maintenance of wetland mitigation sites and wetland banks.

Prepare draft and final versions of Surface Water Analysis Forms and Water of the United States Delineation Reports for clients in accordance with USACE guidance.

Provide technical support of National Environmental Policy Act (NEPA) requirements.

Follow processes consistent with the NEPA and state-level environmental review requirements and reviews projects to ensure compliance with the ESA, CWA, National Historical Preservation Act, and other state and federal regulations.

Conduct and prepare weekly environmental monitoring reports, inspector photographs and construction storm water pollution prevention plan field inspection and maintenance reports; monitor construction activities and advising the Contractor and construction management team regarding environmental regulatory compliance; ensure environmental compliance in regards to construction exclusion zones (CEZs), best management practices (BMPs), stormwater pollution prevention plan (SW3P) areas, sensitive environmental feature buffers, sensitive feature integrity and water quality monitoring at all creek; inspect for threatened or endangered avian species, monitor nesting activity of

migratory birds; inspect known excavated areas such as voids or aquifer recharge features to monitor buffers to protect sensitive areas.

Maintain company-owned vehicles and equipment, establish and maintain a preventive maintenance checklist for each vehicle owned by the company in accordance with manufacturer's guidelines.

Hydrologic Technician

Department of the Interior - United States Geological Survey - Fort Worth, TX
May 2015 to February 2017

Gather hydrologic data on water quantity, quality, availability, movement for current Zebra Mussel Monitoring and NAWQA projects.

Perform routine field water-quality measurements, including water temperature, specific conductance, pH, dissolved oxygen and alkalinity.

Process and evaluate samples for the presence of invasive mussels in reservoirs and streams by using cross-polarized light microscopy.

Install, service, and troubleshoot of stream-gaging equipment.

Perform ADCP discharge measurements.

Prepare and ship laboratory specimens.

Reserve Analyst, Mineral Appraiser

Capitol Appraisal Group Inc. - Austin, TX
October 2012 to August 2014

Responsible for 9 Counties and 1,400 Mineral Appraisals and Reserve Analysis.

Collect, catalog, and analyze market transactions of oil & gas and mining properties.

Experience in data analysis and problem solving with Predictive Analytics.

Perform statistical analysis of engineering and appraisal data.

Perform market value appraisals of oil & gas and heavy metal properties.

Advise clients and taxpayers.

Field Service Operator

Schlumberger Drilling and Measurements - Houston, TX
May 2010 to July 2012

Maintain a real-time computer-based data acquisition system, logging system.

Use laboratory techniques to evaluate detailed and complex data signals.

Perform on-site collecting, processing, logging and analyzing of geological samples.

Rig-up (assembly) and rig-down (disassembly) of equipment.

Familiarity with geological field applications: electron microscopy and XRD.

Perform fieldwork in extreme conditions.

Specific fields: Eagle Ford Shale Play and Gulf of Mexico.

Education

Master's degree in Environmental Management and Sustainable Development

St. Edward's University & L'Université Catholique de L'Ouest (UCO) - Angers
August 2014 to May 2016

Bachelor's degree in Geology

Texas Christian University - Fort Worth, TX
August 2005 to December 2010

Skills

- Safety (5 years)
- Proofreading (5 years)
- Microsoft Office (10+ years)
- Laboratory experience (5 years)
- QA/QC
- Field Service (10+ years)
- Research & Development
- Documentation Review (2 years)
- Documentation (5 years)
- Trimble GPS (4 years)

Awards

Department of the Interior (USGS) - Superior Service Award

October 2016

Exceptional dedication and commitment to coordination on the Zebra Mussel Monitoring Program.

TCU Leadership Scholar

December 2010

Patterson Scholarship in Geology

July 2009

TCU and University of Edinburgh Recipient: Study Abroad Program.

National Scholar/Athlete Award

May 2005

United States Army Reserve

Certifications and Licenses

Motorboat Operator

March 2016 to March 2021

Department of the Interior - United States Geological Survey

Field Water-Quality Methods for Groundwater and Surface-Water

July 2016 to July 2021

Department of the Interior - United States Geological Survey

QA/QC Sample Design & Interpretation, Facets of Quality Assurance

February 2016 to February 2021

Department of the Interior - United States Geological Survey

Mediation, Alternative Dispute Resolution (ADR)

August 2009 to Present

Texas Christian University

38-hour US Army Corps of Engineers Wetland Delineation Training Program, 2019

February 2019

This course is a pre-approved by the Society of Wetland Scientists Professional Certification Program. Certificate No. 8610 and 3.8 CEUs.

OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER)

October 2020 to October 2021

Safety Unlimited, Inc.

Driver's License

June 2018 to June 2023

Publications

Groundwater

February 2017

Nicot, J.-P., Larson, T., Darvari, R., Mickler, P., Slotten, M., Aldridge, J., Uhlman, K., and Costley, R., 2017. Controls on methane occurrences in shallow aquifers overlying the Haynesville Shale gas field, East Texas: *Groundwater*, v. 55, no. 4, p. 443-454.