

Russell A. Riall

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PROJECT MANAGER

Proven Environmental Project Management and Data Analysis Expertise in a Career Spanning 12 Years

Technically sophisticated and business-savvy environmental project management and data analysis professional with a challenging career reflecting strong analytical skills coupled with a background in project management, environmental engineering, and due diligence expertise. Focused on achieving client oriented results while developing solutions to meet a diversity of challenging environmental engineering needs.

**Project Management / Environmental Investigation / Regulatory Compliance
Due Diligence / GIS Analysis / Data Management / Data Analysis / Sustainability**

Professional Experience:

**National Control System Data Editor,
BNSF Railway (via Thinkfind Corp.)**

2015 – 2017

Responsible for railroad Engineering Asset and National Control System data accuracy and reconciliation within a variety of systems including asset databases and multiple GIS models. The GIS models are used to allow Positive Train Control on locomotive on-board safety systems. Evaluated existing asset data for accuracy against multiple sources including aerial imagery, field collected GPS data, engineering design plans, and LiDAR.

**Project Scientist / GIS Analyst,
NewFields Environmental & Engineering, LLC**

2005 – 2015

Ten years of experience in environmental consulting, project management, due diligence investigations including subsurface investigations and contaminated site delineation investigations, environmental regulatory compliance assessment, remediation oversight, GIS analysis, database design, and data/database management. Field experience also included safety management and behavior based safety programs.

Key Projects & Achievements:

- Project management of large and small scale environmental remediation, site restoration, and construction projects including initial evaluation, design, proposal writing, cost estimation, scheduling, site mobilization, subcontractor management, analysis and reporting of sampling results, and project close-out.
- Review and development of a comprehensive plan for remedial measures performed at U.S. Air Force bases across the United States. Analysis included review of historic site investigation data, performance monitoring, performance of trend analysis, identification of existing and potential remedial actions based on the data,

- and completing a Decision Consequence Analysis to assess the expected cost for each alternative remedial action to identify the most cost effective strategy.
- Performed Spill Prevention, Control, and Countermeasure regulatory compliance investigation and implementation for over 100 telecommunication facilities.
 - Performed site assessment and preparation of Stormwater Permits for sites in Texas following TCEQ permitting guidelines for industrial and cement manufacturing clients.
 - Performed soil vapor monitoring activities as a part of due diligence soil vapor intrusion screening for property transaction requirements at several facilities in Texas.
 - Assisted cement manufacturing clients with Emergency Planning and Community Right-to-Know Act compliance including Texas Tier II reporting requirements, review of Safety Data Sheets for classification of stored chemicals as hazardous substances or extremely hazardous substances, and review and development of Hazard Communication Programs.
 - Certified ExxonMobil Loss Prevention System (LPS) and Shell Oil Safe System of Work trainer. Conducted multiple 12-hour initial Loss Prevention System (LPS) training sessions and four-hour LPS refresher training sessions as an ExxonMobil certified LPS Trainer.
 - Completed two 32-hour LPS Trainer certification classes conducted by ExxonMobil's Safety, Health, and Environment initiative in Houston, Texas.
 - Managed Health & Safety coordination for OSHA compliance within the office and for field projects. Duties included development of comprehensive Standard Operating Procedures, Health & Safety Plans for each project, Job Safety Analysis for each job activity, incident investigation and reporting, and tracking the training compliance of employees.
 - Researched and developed environmental regulatory compliance manuals for applications such as underground storage tanks, aboveground storage tanks, hazardous substance reporting, job safety analysis, and site health & safety plans.
 - Prepared regulatory technical reports for activities including groundwater monitoring, monitored natural attenuation, corrective measures studies, and subsurface investigations.
 - Completed investigations and reports for over 70 Phase I Environmental Site Assessments for retail, residential and light industrial properties in 12 states.
 - Developed and implemented geodatabases for several environmental litigation projects which enabled detailed and precise analysis of environmental impacts.
 - Created analysis maps and performed GIS analysis for expert testimony reports for environmental litigation projects.
 - Created oil and natural gas well feature datasets including key field data, domains, and subtypes, and created feature classes using geolocation data.
 - Created analysis maps for expert testimony reports using ArcMap showing the georeferenced locations of sampling points, oil and natural gas wells, property parcels, roads, and wind speed and wind direction. The maps included titles,

legends, compass rose, map descriptions, sources, coordinate system or projection used, and scales.

EDUCATION AND CERTIFICATIONS

Bachelor of Science in Environmental Science, 2005

Texas A&M University - Commerce, Texas

Certificate of Skills Enhancement in Geographic Information Systems, 2012

TCCD

TDSHS Asbestos Inspector, License No. 602746

TDSHS Asbestos Individual Management Planner, License No. 205636

OSHA HAZWOPER 40-Hour Site Worker and 8-Hour Supervisor Certifications

Five Year Personal Career Goals

- Pass the NCEES 8-Hour Fundamental of Engineering test and obtain a Texas EIT certification by the end of 2019, begin process of obtaining a Texas PE certification.
- Develop strong relationships within the environmental industry so that I can be relied upon and develop positive relationships with regulators and city officials for the purpose of assisting current and future environmental needs of my community.

References available upon request.