

PATRICK MEYER B.S.

Qualifications Summary

- Coordination of electronic field data collection, including field and office support
- Development of data and map products from field data analysis using AutoCAD, ESRI ArcGIS, and manual cartographic techniques
- Coordination and integration of mapping inputs from multiple sources using different platforms, including land surveyors, environmental planners, and field biologists
- Design and implementation of field surveys for sensitive environmental resources, including wildlife species of special concern
- Environmental inspection and biological monitoring during construction to ensure compliance with NEPA, FERC, ESA, EPA, and CWA regulations

Professional Certifications/Training

Federal Energy Regulatory Commission (FERC) Environmental Compliance Seminar, In-House workshop • GPS for GIS Applications UGIC Conference Workshop • Southern Gas Association Environmental Inspector Workshop • Pipeline Construction Environmental Compliance FERC Certification Workshop • Black-footed Ferret/Prairie Dog Survey Workshop and Certification

Fields of Competence

Biological Survey Designs • Field Surveys for Sensitive Plant and Wildlife Species • Environmental Inspection/Biological Compliance Monitoring Under Federal (NEPA, FERC, ACOE, EPA) and State Environmental Quality Guidelines • Geographic Information Systems (GIS) Computer Mapping Using Auto-CAD Map, ESRI-ArcGIS Software • Manual Cartographic Techniques • Global Positioning Systems (GPS) Applications Using Trimble, Garmin, and ArcPad Components

Credentials

B.S., Geography, Utah State University, Logan, UT (1988)

Employment History

2011-present	NR Systems, Inc., dba Natural Resources Consulting
1992-2011	Bio-Resources, Inc.
1989-1992	Bio/West, Inc.
1984-1992	Utah State University

KEY PROJECTS

Environmental Surveys and Impact Assessment: Design and implementation of surveys for eagles/raptors (including nesting status), nesting migratory birds, white-tailed prairie dogs, black-footed ferrets, sage grouse, pygmy rabbits, mountain plovers, and their habitats. Surveys have been conducted over hundreds of miles of proposed natural gas pipeline and transmission line corridors in Utah, Wyoming, and Colorado • Compilation and editing of field data records for inclusion into summary reports

Mapping: Production of maps required for Environmental Reports required by FERC for permitting of hundreds of miles of natural gas pipelines • Production of maps required for Environmental and

Biological Assessments and Environmental Impact Statements required by the National Environmental Policy Act (NEPA) and the Endangered Species Act (ESA) for numerous construction projects in the Intermountain and Rocky Mountain West • Production of maps required by the U.S. Army Corps of Engineers (ACOE) for wetland and waters of the U.S. delineation reports for natural gas pipeline and other commercial development projects under Section 404 of the Clean Water Act (CWA) • Organization and coordination of mapping tasks with individual biological resource specialists for integration into multi-disciplinary reports required for permitting of natural gas pipelines and other construction projects

Environmental Inspection and Biological Monitoring: Assuring environmental compliance during and after construction of natural gas pipeline projects, including Medicine Bow Loop in Wyoming, Cheyenne Plains pipeline in Wyoming/Colorado, Piceance pipeline in Wyoming/Colorado, Yuma pipeline in Colorado, and Ruby pipeline in Wyoming/Utah/Nevada, as well as the Populus to Terminal transmission line project in Utah/Idaho • Environmental compliance training of all construction personnel to be working on pipeline and construction projects • Ensuring compliance with the upland erosion control, revegetation, and maintenance plans during construction • Inspection and compliance monitoring of wetland and water body construction and mitigation regulated by the ACOE • Monitoring during construction for sensitive resources, including wildlife species of special concern • Implementation of Storm Water Pollution Prevention Plans during construction • Final reclamation and revegetation monitoring and reporting • Photo-documentation of project activities • Maintenance of daily and weekly inspection logs, as well as production of final project completion reports.