

RUSSELL V. KNIGHT, P.G.

Rule Engineering, LLC ♦ 1055 Kipling Street ♦ Lakewood, CO 80215 ♦ 303-431-8500

EDUCATION

UNIVERSITY OF UTAH, Salt Lake City, UT

Master of Science-Geology, 1986

ADAMS STATE COLLEGE, Alamosa, CO

Bachelor of Science-Geology, 1982

PROFESSIONAL EXPERIENCE

RULE ENGINEERING LLC, Lakewood, CO

Principal Hydrogeologist

2002-present

- Responsible for managing projects and providing senior technical review for hydrogeological issues.
- Technical expertise includes site assessment, groundwater fate and transport modeling, remedial system design and implementation, surface water management and strategic risk management and planning.
- Extensive experience in federal and numerous state environmental regulations, and an understanding of risk-based corrective action (RBCA) and natural attenuation remedies for petroleum and chlorinated solvent hydrocarbons.
- Experience providing environmental services for petroleum refineries, oil and gas, railroads, construction and manufacturing facilities.

RETEC GROUP INC, Fort Collins, CO

Senior Program Manager

1991 - 2002

- Progressive responsibility for management of multiple large projects, program management for railroad and petroleum clients, and operational management for geoscience group.
- Specific projects included:
 - RCRA corrective action program at refinery to implement data collection for an RFI and risk assessment,
 - System design and implementation for in-situ soil and groundwater remediation,
 - LNAPL assessment and recovery, stream channel realignment and restoration,
 - 2,400 feet of slurry wall installation;
 - RBCA assessment for closed petroleum refinery;
 - RFI with risk assessment preparation,
 - Stormwater management system installation and permitting,
 - CAMU permit application,

RUSS V. KNIGHT

- Wetland bioremediation for chlorinated solvents and diesel fuel at a major railroad facility,
- Preparation of RCRA Part B Permit application for a refinery,
- Assessment and interim corrective actions at a solvent distribution facility under CERCLA, and
- Emergency response removal of tar spill in river from railroad tanker cars.

SHEPHERD MILLER INC., Fort Collins, CO

Project Manager

1990 – 1991

- Responsibility for managing projects and providing hydrogeological analysis.
- Specific projects included: assessment of groundwater and surface water geochemistry at mining site in CO.
- Prepared mitigation plans and coordinated construction monitoring to address contaminated sites for pipeline in Los Angeles.

ENTRIX INC, Fort Collins, CO

Senior Hydrogeologist

1989 - 1990

- Responsibility for managing projects, and providing hydrogeologic analysis.
- Specific projects included:
 - EIR preparation for 130-mile crude oil pipeline in southern CA,
 - Assessment of contaminated sites near construction corridor that included landfills and industrial sites,
 - Prepared Environmental Assessments (EAs) for pipeline expansion projects,
 - Conducted site assessments for PCBs at pipeline compressor sites.

GROUNDWATER TECHNOLOGY INC., Denver, CO

Geologist/Project Manager

1987 - 1989

- Responsible for implementing site assessment and remediation projects at UST sites and a variety of industrial sites.
- Prepared Phase 1 environmental assessments.

TRAINING AND CERTIFICATIONS

CO Consultant ID #6070

WY LICENSED PROFESSIONAL GEOLOGIST #252, current.

40-hr HAZWOPER, current

8-hr HAZWOPER Refresher, current

OSHA 5810, 40-hr Oil & Gas Safety Training

Safe Land Training (Oil & Gas Safety Training)

ConocoPhillips Safety Leadership for Supervisors

DISA Drug & Alcohol Testing Program – Active Status