

## Statement of Qualifications – Project Profiles

### **Project: Radioactive Site Reclamation New Mexico**

The project included preparation of a reclamation plan including designs for tailings and mill facility regrading, a low permeability and radon attenuating cap, revegetation of the cap, demolition of the mill facilities, extraction and treatment of impacted ground water in evaporation ponds, and runoff controls for closure of a uranium mill and tailings facility.



The work included performing site assessments to identify: borrow sources and extent of radiological contamination; writing and submitting work plans, field sampling plans, health and safety plans, investigation and construction QA/QC plans; negotiating performance standards; preparation of the design with specifications, drawings, bid documents and cost estimates. The design included infiltration and radon emanation modeling to identify an appropriate soil cap design; extensive revegetation, hydrologic and hydraulic design to prevent release of radioactive materials for 1,000 years including events up to the probable maximum precipitation; and design of water treatment ponds (enhanced evaporation). **TREC** personnel performed turnkey construction management for portions of the reclamation.



#### **SERVICES PROVIDED:**

- Site Investigation/ Characterization
- Radiological Evaluation
- Hydrogeologic Characterization
- Reclamation Alternative Evaluations/Designs
- Hydraulic Design
- Ground Water Treatment
- Application for Alternative Concentration Limits
- Bid Documents
- Bond Estimates
- Strategy Development/ Negotiation
- Construction QA/QC
- Construction Oversight/ Management
- Turnkey Construction