

## Statement of Qualifications – Project Profiles

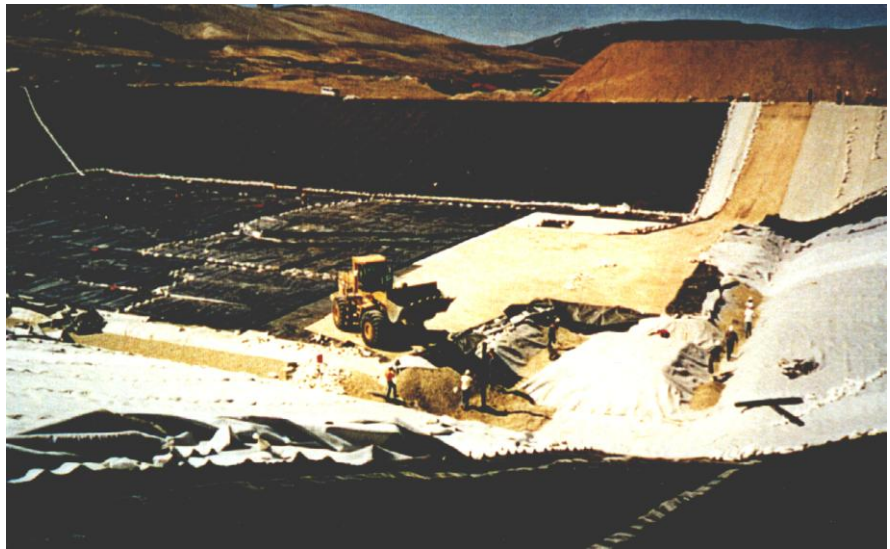
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**Project:** **Mine Waste Repository Design and Project Oversight  
Montana**

### SERVICES PROVIDED:

- Engineer of Record
- Site Investigation
- Treatability Study Evaluations
- Procurement and Management of Surveying Services
- Conceptual through Final Design Reports
- Specifications, Drawings and Bid Documents
- Preparation of Supplemental Documents
- Contractor Evaluation
- Construction Oversight QA/QC
- Hydrogeologic Evaluation/Monitoring

The project involved the design and construction of a waste disposal repository and treatment and disposal of 800,000 cubic yards (cy) of lime/cement stabilized flue dust from a former smelter. The flue dust contained arsenic and cadmium at levels that required treatment to meet waste disposal regulations. The repository was designed to RCRA Subtitle D criteria including a double liner and leachate collection system and a low permeability cap.



The work included performing site assessments; preparing the design and supplemental documents including specifications, drawings, bid documents and cost estimate; negotiating and implementing performance standards; attending and supporting public informational meetings; and construction management. **TREC** personnel also performed construction oversight and design modifications to two other adjacent RCRA Subtitle C repositories for

disposal of hazardous heavy metal wastes. **TREC** personnel oversaw and performed: CQA for the construction of three facilities and subsequent waste disposal including excavation of over one million cy; installation of over two million square feet of clay, geosynthetic clay, geotextile, geonet and geomembrane liner; placement and compaction of 800,000 cubic yards of waste; and construction of surface water runoff control measures.