

Statement of Qualifications – Project Profiles

Project: Evaluation of Reclamation Alternatives for Smelting Facility
Anaconda, Montana

TREC personnel evaluated reclamation alternatives for over 30,000 acres of smelter-impacted soils at a former milling and smelting facility in Montana and are currently preparing reclamation designs for 16 remedial design units. Alternative evaluation and design considers soil treatment or otherwise ameliorating impacted soils (removal, capping, in-situ treatment, vegetation improvement, steep slope remediation) in response to both human health action levels (primarily arsenic) and vegetation phyto-toxicity soil effects concentrations for contaminants of concern (arsenic, cadmium, copper, lead and zinc.) An overall Site Management Plan delineating project structure, prioritization of areas and overall project schedule has been prepared. Reclamation designs are being prepared to address specific performance criteria negotiated with state and federal environmental oversight agencies to meet all applicable environmental regulations. **TREC** designed and is managing a GIS database system used to allow the efficient application of the tremendous volumes of data to the design efforts.



SERVICES PROVIDED:

- Site Investigation/ Characterization
- Reclamation Alternative Evaluations/Designs
- Cost Estimating
- Identify Remedial Requirements/Objectives
- Prepare Site Management Plan
- GIS Database Management
- Prepare Post-Reclamation Monitoring Plans
- Agency Negotiations
- Subcontractor Management

In addition to the reclamation designs, **TREC** personnel have and are developing site management plans and documents describing the coordination and use of a County Development Permit System and other institutional controls to ensure the long-term integrity of the reclamation efforts under various future land use scenarios or conditions. Post-reclamation monitoring and maintenance plans are also being prepared.

TREC has overseen and managed the implementation of numerous field demonstration projects designed to provide information necessary to evaluate or complete detailed reclamation designs. Information collected includes equipment implementability evaluations, soil amendment requirements and seed mix optimization. **TREC** also managed subcontractors and suppliers.