

Statement of Qualifications – Project Profiles

Project:

Storm Water Control Montana

SERVICES PROVIDED:

- Storm Water Monitoring
- Storm Water Modeling
- Conceptual and Final Design
- Specifications, Drawings and Bid Documents
- Surveying and Design Layout
- Construction Cost Estimate
- Construction QA/QC

TREC personnel were responsible for developing a conceptual plan, model and design for managing potentially impacted storm water emanating from a large urban mining district. Other tasks included monitoring storm water flows, development of a storm water model, calibration of the model using monitoring data, design of storm water channels and sediment basins, and overseeing the construction of designed storm water mitigation controls. The design limited impacts of metal-laden storm water and sediment (from mine wastes) to the city's storm water system and a receiving stream flowing through the city.



This project required reconstruction and relocation of existing dilapidated sanitary and storm water sewer lines. The sediment basin was designed and constructed to allow large sediment loads to settle from storm water prior to entering the city's storm water system, which eventually feeds a natural stream. **TREC** personnel worked with multiple reviewers during this project including municipal officials, regulatory personnel and local property owners and the public to obtain project approval.