

Statement of Qualifications – Project Profiles

Project: Soil Remedial Investigation/Feasibility Study
Butte, Montana

SERVICES PROVIDED:

- Remedial Investigation
- Feasibility Study
- Cost Estimate of Remedial Alternatives

TREC personnel performed many components of a Remedial Investigation (RI) for this Superfund site. Work included preparing monitoring plans for storm water and ground water, data collection, database management, data interpretation and reporting, and vegetation monitoring. TREC personnel worked with multiple responsible parties and consultants in generating a Remedial Investigation Report which characterized a complex site, located within a city boundary, which contained impacts to multiple media including soil, ground water, surface water and residential dust.



BA&P Rail Grade before reclamation started in 2003

TREC personnel also worked with the responsible parties to develop remedial alternatives which would address the environmental impacts discovered during the RI process. The remedial alternatives developed included innovative storm water management practices designed to limit access or impacts to receiving waters, waste management remedies that would allow not only for protection of human health and the

environment, but also allowed for public reuse of land, and wetland treatment lagoon technology to address ground water impacted by historic mining activity. During this process, TREC strategically developed several best management practices which, when implemented, saw the resulting water quality in the nearby receiving stream improve to target levels during normal base flow conditions.

TREC personnel also played a key support role in negotiating the terms of the ultimate operation and maintenance of such remedies including vegetative soil covers, storm water control structures, and a ground water treatment lagoon system.



Artistic rendering of abandoned rail grade reclaimed to a recreational trail.