



Case Study: US Forest Service Gallatin National Forest – McLaren Adit Closure, Road Reclamation, and Revegetation

In Aug 2010, Knife River Corp - Yellowstone Division was awarded the contract for the McLaren Adit Closure, a gold-copper-silver mining operation located on the west side of Fisher Mountain north of Cooke City, Montana in the Beartooth Mountains. The McLaren Adit falls within the boundaries of the Gallatin and Custer National Forests and abuts Yellowstone National Park's northeast corner. The Absaroka-Beartooth Wilderness Area bounds the District to the north and east. The Adit is located 8,350' to 9,500' above sea level in an extremely precipitous area.

Quality Landscape Seeding was awarded the seeding portion of the project which called out for a double net erosion control straw blanket or matting. Lisa Read, president of Quality Landscape Seeding then contacted Terra Novo, Inc. regarding our erosion control product **EarthGuard® Fiber Matrix**. Ms. Read felt that it would be extremely difficult and costly to properly install blankets in such rocky terrain.

It was her experience that for a blanket to perform properly it must be installed a manner where it achieves 100% soil-to-blanket contact. The rocky soil also made it difficult to staple the blanket to the ground.



Product information and laboratory testing results for **EarthGuard Fiber Matrix** was then submitted to Peter Werner, Mining Engineer for the US Forest Service Gallatin National Forest. After it was approved, installation began in Oct 2011

Application Date: Oct 2011





EarthGuard is a spray-on erosion control product being used by major land developers and public agencies as a cost effective BMP for slopes and pads.

EarthGuard Fiber Matrix is university tested and worksite proven and is typically used in the following situations:

- 1) Site Winterization/Dormant Seeding
- 2) Spring/Summer Seeding
- 3) Slope Stabilization
- 4) Storm-by-Storm Erosion Protection
- 5) Fire-Burn Rehabilitation
- 6) Day-to-Day or Extended Dust Control Protection

For further information, please visit the following web sites:

Short 10 min. Product Video: www.earthguard.com/video.php

Construction Site Video: www.youtube.com/watch?v=AcnRhJ6WyAY

Product Brochure: www.earthguard.com/pdf/SalesBrochure.pdf

Product Specifications: <http://www.earthguard.com/specifications.php>

Web site: www.EarthGuard.com