



Case Study: Product Comparison Waynesburg, PA

In November 2011, Consol Energy- CNX Land Resources Inc. sprayed **EarthGuard® Fiber Matrix** by Terra Novo Inc. and Flexterra® by Profile Products Inc. on their NV 20 Well Pad near Waynesburg, PA. Their goal was to compare the performance of each product over the winter season in a dormant seeding application.

Due to the approaching winter, where temperatures impede germination, Consol needed products that could stabilize their sites and prevent seed and amendments from being washed off slopes by winter rain and snow events.

Traditionally, Consol battled with the use of erosion control blankets during the winter season. Frozen soils made it difficult to install staples necessary to achieve proper erosion matting installation. Looking for an alternative, they chose higher-end erosion control spray-on products.

Delrick Corp was chosen by Consol to install both products. The application rates used where:

- **EarthGuard:** 10 gal/ac of **EarthGuard** and 3000 lb./ac of fiber mulch
- Flexterra: 3600 lb/ac



Initial Application: November 2011

The site was revisited in March 2012: According to Site Superintendent James Grindstaff from Delrick Corp, he felt that both products were performing similarly. However, the application of **EarthGuard** had cost Consol approximately \$1000 less per acre. Mr. Grindstaff also felt that it was too early to see results since soil temperatures were still not conducive for growth.

EarthGuard® is a registered trademark of Terra Novo Inc.
Flexterra® is a registered trademark of Profile Products Inc.



March 26, 2012: EarthGuard Treated Area



March 26, 2012: Flexterra Treated Area

The site was again revisited a month later: The *EarthGuard* treated site was almost completely stabilized with significant growth while the Flexterra treated showed little improvement.

Consol is now using *EarthGuard* for site stabilization and re-vegetation on its sites.



April 30, 2012: EarthGuard Treated Area



April 30, 2012: Flexterra Treated Area

For further information, please visit the following web sites:

Short 10 min. Video: <http://www.earthguard.com/video.php>

Product Brochure: <http://www.earthguard.com/pdf/SalesBrochure.pdf>

Specifications: <http://www.earthguard.com/sfm-specs.php>