



Chief Oil and Gas: Dacheux Water Transfer Pad Reclamation



4/17/2014



5/27/2014



6/26/14



Challenge:

In the Spring of 2014, Chief Oil and Gas began looking for a time efficient and cost effective way to reclaim the Dacheux Water Transfer Pad located in the Cherry Township-Sullivan County, Pennsylvania. They turned to EarthGuard Fiber Matrix as a cost effective alternative to erosion control matting.

Penn Line Service applied EarthGuard at a rate of 10 gallons and 2500 lb/ac (2800 kg/ha) compared to other spray-on products often applied at rates of \geq 3500 lb/ac (3915 kg/ha)

"Even with the heavy rains we have received this summer, I can always count on EarthGuard to do its job" - Jim Pratt - Penn Line Service

Results:

After only 5 weeks Chief Oil and Gas reinspected the site. EarthGuard Fiber Matrix provided significant growth in the area in a short amount of time, helping full fill the needs of Chief Gas and Oil.

"I have been very happy with EarthGuard's overall performance, we save money and get the results that we are looking for." - Keith Kimball-Construction Inspector-Chief Oil and Gas

The Pennsylvania Department of Environmental Protection released Final 2010 Erosion and Sediment Pollution Control Program Manual, recognizes a "Polymer Stabilized Fiber Matrix" (generic name for EarthGuard) as an effective erosion control blanket in Chapter 11 which can be used as an alternate to rolled erosion control blankets, bonded fiber matrices, and flexible growth mediums.



Highly **Effective.** Cost **Efficient.**

Terra Novo Manufactures

Erosion Control:

- EarthGuard®
- EarthGuard Fiber Matrix
- EarthGuard **EDGE™**

Reclamation:

- EarthGuard **FUSION™**
- EarthGuard **ORGANIX™**
- EarthGuard **ELIXIR™**

Agricultural Soil Stabilization and Conditioning

- SoilMAX
- Agriflo

Dust Suppression

- DustCap
- DustGuard

Water Clarification

- AquaGuard

How EarthGuard Works:

EarthGuard Fiber Matrix is a patented technology, which combines EarthGuard and fiber to form a matrix that provides extended erosion control protection in severe situations. This effective and cost-efficient hydraulically applied formulation has set a new standard for sprayed-on erosion control BMP's.



EarthGuard utilizes an extremely high molecular weight blend of chemistry, which results in its superior charge density and soil stabilizing ability. It is designed to work directly with soil to maintain its stability by both preserving existing soil structure and flocculating fine sediment being dislodged by stormwater or wind. EarthGuard is ideal for site-winterization (seed not required), where bare soil, slopes and stockpiles must be protected during the raining season. In re-



vegetation and dormant applications, the superior soil stabilizing ability of EarthGuard holds, seeds, soil, fiber and amendments in place until sufficient long-term growth/erosion control protection has occurred.

EarthGuard is available in two forms. In a bale form, EarthGuard is packaged in combination with 100% wood fiber or, in liquid form, EarthGuard is packaged in a 5 gallon container whereby it can be applied by itself with water or added to standard hydromulch prior to installation.

Terra Novo is dedicated to helping the storm water and erosion control industries comply with strict Federal Clean Water Regulations. Our engineers and chemists maintain a hands-on approach to solving site-specific problems by providing cost-effective best management practice solutions. All of our products are easy to use, highly effective, extremely affordable and environmentally friendly.



For technical services or to locate your nearest EarthGuard® dealer:

call 1-888-843-1029.

Visit Terra Novo online at:

earthguard.com

Terra Novo is located at:
2930 Patton Way, Bakersfield, CA 93308



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