



Project Profile: Residential Development Soil Modification

ProGanics™ Biotic Soil Media™ Helps Turn Neglected Site Green Again

Site Conditions

A 2.7-acre (1.1 ha) home development site sat abandoned in rural Alabama, near Tallassee after it was forced into foreclosure in 2009. When the heavily eroded site began to wash away, the Alabama Department of Environmental Management (ADEM) pressed its owner for stabilization.



Before: The abandoned site was heavily rutted and overgrown.

Contractor Hunter Bruce, P.E. and owner of SpreadRite, LLC turned to Marc S. Theisen, Profile Products' vice president of business development and engineered products to find a quick and cost-effective solution. A soil test through Profile's Soil Solution Software (PS³) showed the site to be nearly inhospitable for vegetation cover.



After: Vegetation bounced back quickly, just three weeks after application.

Cutting-Edge Solutions

The cornerstone of the restoration plan was ProGanics™ Biotic Soil Media™, the world's most advanced Engineered Soil Media™. Without ProGanics, it would have taken more than 100 truckloads of soil and four to five days more work. That adds up to over \$43,000 additional cost in material and transportation to restore the site.

Instead, it took just one day for ProGanics BSM™ to deliver Thermally Refined® bark and wood fibers with a proprietary blend of biopolymers, biochar, seaweed extract, humic acid, endomycorrhizae and other beneficial constituents.

ProGanics BSM was applied March 25 and results were quick and dramatic. By April 17, vegetation establishment was well under way. Of course, ProGanics BSM didn't act alone. The plan also included ProPlus® NeutraLime™, BioPrime™ and JumpStart™. After its application, slopes were covered with ProMatrix™ Engineered Fiber Matrix™ for quick seed germination and vegetation establishment. Flatter areas were covered with wheat straw mulch and anchored in place with Profile Tornado Tack™ ST-1000.

"It's almost crazy to say that after one month, we achieved 100% stabilization," said Bruce. "There's no way this site would be growing the way it is so far without ProGanics."



By April 17, the site had been stabilized and vegetation establishment was well underway.

Exceptional Results

It was a winning combination. By mid-May 2015, site vegetation was nearly fully restored. The site owner and ADEM wanted the quickest possible results and notice of termination, which they got May 27. "Profile is a leader for a reason," Bruce acclaimed. "Whenever it's dead-set, gotta happen now, like this site was, I turn to Profile."



ProGanics application revived the site, with full vegetation establishment by mid-May.



It was a winning combination. The site's owner wanted the quickest possible ADEM NOT, and got it on May 27. By July 28, the site was completely grown in and established.

One Year Later

The choice to select ProGanics on the site has really paid off. Now after one year, the results of better planning and proper product selection are obvious. Even with 80 inches of rainfall in 14 months, there has been no site erosion—not a single washout. Full grow-in has been achieved throughout, and the site looks great. Thanks to

regular inspections following the application, the site will continue to thrive for years to come. "ProGanics was faster, easier and more effective than trucking in soil; what more could you want?" said contractor Hunter Bruce, "I already have interest in another, bigger job as a result of this site."



Solutions for your Environment™

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