



Solar Site Achieves Regulatory Compliance with EDGE™ EarthGuard® Pellets

Challenge

A large-scale solar installation project in Western New York encountered significant environmental compliance challenges. With 1,200 acres under development and strict regulatory requirements mandating site erosion control winterization by October 30, 2024, the contractor needed an immediate solution for turbid water discharges that threatened project timelines and compliance status.

Solution

After evaluating available options, the contractor selected LSC's EDGE™ EarthGuard® Pellets for their:

- Innovative dry-application technology requiring no water for installation
- Advanced flocculating and erosion control properties designed for challenging soil conditions
- Proven performance in similar large-scale applications
- Ease of installation across difficult terrain

The team applied 3,000 pounds of EDGE™ EarthGuard® Pellets per acre across 150 acres identified as high-risk discharge areas.



Spring vegetation and visible product



Using an EDGE™ Spreader to apply EDGE™ EarthGuard® Pellets



Results

Six months after application (April 2, 2025), the site demonstrated exceptional erosion control performance:

- Complete elimination of turbid water discharges from EDGE™ treated areas
- Sustained performance through winter conditions
- Visible tracer dye confirming continued product presence and effectiveness
- Full regulatory compliance throughout inspection periods

"The results speak for themselves," noted the project manager. "Since applying EDGE™ EarthGuard® Pellets, we've had no turbid water issues on-site. It's a clear testament to the product's effectiveness in meeting regulatory standards."

Based on this success, the contractor has incorporated EDGE™ EarthGuard® Pellets into their standard environmental compliance protocol for all future solar development projects.



Crystal clear stormwater observed in low spot



Close up of clear stormwater



Untreated area on site

Call us today to learn how easily you can implement EDGE™ EarthGuard® Pellets:



Call: **1-800-800-7671** • Email: **Sales@LSCenv.com**

Visit LSC online at: **www.LSCenv.com**

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