

***Genuinely New, Applied Environmental Biotechnologies for the 21<sup>st</sup> Century***

Provectus Environmental Products, Inc. provides genuinely new environmental biotechnologies to treat impacted soil, sediment and groundwater environments in a manner that is safer, more effective, and more cost efficient than conventional alternatives. Our technologies (multiple patents and patents-pending) include:

- ◆ **Provect-CH4® Methanogen Inhibitor and ERD/ISCR Supplement:** Water-soluble amendment that can be used as a supplement to effectively control methane production when combined with various ERD amendments (e.g., [emulsified] oils, lecithin, lactates, molasses, sugars, etc) or conventional ISCR reagents that do not (and cannot) have antimethanogenic compounds.
- ◆ **Provect-IR® Solid, Antimethanogenic ISCR Reagent:** As the prime originator and developer of the original EHC® ISCR reagent over 11 years ago, we know that Provect-IR is a genuine improvement on the ISCR process and its older product formulations. Provect-IR is a much more efficient, cost effective and safer ISCR approach = can use an estimated 30% less amendment and get expected results without excessive methane generation.
- ◆ **Provect-IRM® Solid Antimethanogenic ISCR Reagent / Metal Stabilization Reagent:** The Provect technology core makes this a more effective means of metal immobilization/ISCR that minimizes production of methylmetal(loids) for safer, more effective, long-term immobilization.
- ◆ **ERD-CH4™ Liquid Antimethanogenic ISCR Reagent:** The most cost effective formulation of a liquid, antimethanogenic ERD amendment that can be applied via screened systems. By inhibiting methanogenesis, this is a more efficient (saves an estimated 30 to 50% of the carbon amendment), longer-lived and safer ERD approach.
- ◆ **Provect-OX™ Self-Activating ISCO/ Enhanced Bioremediation Reagent:** Persulfate-based ISCO reagent that is unique in terms of its safety (no extreme activators; no heat generated) and effectiveness, as it actively integrates enhanced bioremediation as part of the overall treatment process to actively manage rebound:
- ◆ **AquaBlok-CH4™ Composite, Antimethanogenic Reactive Capping Technology:** Developed in collaboration with AquaBlok, LTD subaqueous caps can be constructed more effectively by minimizing gas ebullition and contaminant methylation.
- ◆ **EZVI-CH4™ Antimethanogenic DNAPL Treatment:** Reagent can be used for safe and effective treatment of chlorinated solvent DNAPL sources.
- ◆ **Provect-GS™ NAPL Immobilization Technology:** A liquid reagent developed in collaboration Beazer East, Inc. for *in situ* geophysicochemical immobilization (ISGI) of DNAPL sources.

Our business model supports site owners, environmental engineers/consultants, regulators, and the academic community by providing unbiased design and selection of the most efficacious remedial strategy for a given site. Our staff represent over 150 cumulative years' experience in the industry, with field-proven expertise focused on ease-of-use, performance, and safety. You benefit from this expertise with every project, whereby we offer technical design support combined with complementary data review for one year.

During a 1-hour seminar (either in person or via webinar), senior staff will provide an overview of these technologies and describe their use at various locations. Please contact us to arrange a convenient day and time. We look forward to hearing from you:

Provectus Environmental Products, Inc.  
2871 West Forest Road, Suite 2  
Freeport, IL 61032 USA

Phone: (815) 650-2230 Email: [info@provectusenv.com](mailto:info@provectusenv.com) Website: [www.provectusenvironmental.com](http://www.provectusenvironmental.com)

**Complementary Site Evaluation**

**One Year Data Interpretation and Technical Support with Every Project**

**Multiple Remedial Contracting Options Available with Strategic Partners**

**Turn-Key, Risk-Reward, Pay-for Performance, Remedial Guarantees/Warranties**