

# TERRA STRYKE

BRINGING THE GROUND TO LIFE.





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## THE NEW AGE OF BIOSTIMULATION.

What we offer is an entirely new approach to remediating contaminated sites – a safe, sustainable and cost-effective way, the way nature intended. While ‘traditional’ technologies remediate the environment with physical/chemical treatments (wasting fuel while generating nuisance noise and emissions), our products stimulate existing bacteria with macro-micro nutrients and food or respiratory support pathways, to allow them to flourish and destroy site contaminants sustainably, naturally, and cost-effectively – eliminating rebound, while realizing long-term compliance objectives.



# TERRA STRYKE

ABOUT US



## FOUNDED WITH A SINGLE PURPOSE: TO TREAT REMEDIATION HOLISTICALLY

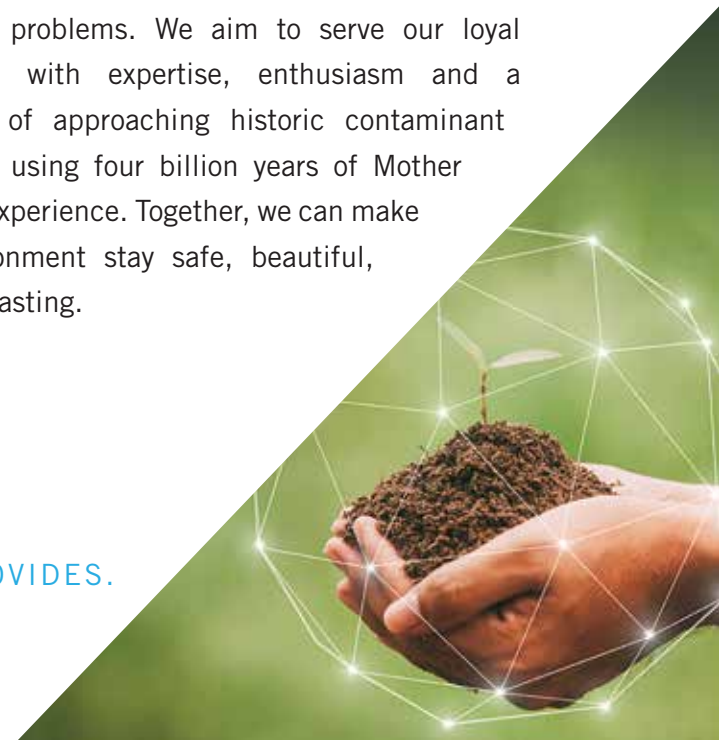
Founded in 2008, TerraStryke Products LLC. (formerly BioStryke), was launched with a single purpose: to remediate soil and groundwater in a safe, sustainable, and cost-effective manner.

By leveraging Mother Nature, our strategies go against conventional bioremediation wisdom by enhancing the ecosystem of the subsurface to harness evolutionary microbial momentum. At the core of our business are two flagship products: **TPEnhanced™** and **ERDenhanced™**. These innovative biostimulants are proven effective in the lab and field, and have been used to remediate brownfield redevelopment sites, gas stations, dry cleaners, manufacturing facilities, and residential properties throughout North America and several International locations. Our additives are used where past site use resulted in leaking underground storage tanks (USTs), surface spills, and production/pipeline releases which create soil and groundwater management concerns fraught with liability.

With TerraStryke on your team, you will target contaminant concerns organically to destroy subsurface contaminants faster and more effectively using a strategy which presents greater effectiveness in terms of performance and costs than current industry standards. Not only do we destroy site contaminants effectively, we reduce environmental impacts by eliminating rebound to realize *long-term* remediation objectives.

The TerraStryke team takes great pride in developing and introducing products that set us apart and provide unique solutions to challenging long-term problems. We aim to serve our loyal customers with expertise, enthusiasm and a new way of approaching historic contaminant problems, using four billion years of Mother Nature's experience. Together, we can make our environment stay safe, beautiful, and long-lasting.

LEVERAGING THE MOMENTUM MOTHER NATURE PROVIDES.







# TERRA STRYKE

## THE BIOSTIMULATION APPROACH

SAFE. SUSTAINABLE. COST EFFECTIVE.

TerraStryke's biostimulation additives, with their patented composition of nutrients, carbohydrates, and/or carbon, allow for the establishment of environmental conditions within the subsurface that allows for superior microbial performance, and ultimately, maximum contaminant degradation the way nature intended.

Our products enhance nature's anaerobic processes to leverage existing subsurface conditions and maximize the benefits of the microbial ecosystem

as a whole. We don't waste energy trying to 'change' conditions; rather, we swim with the proverbial current, maximizing the use of available energy to reward our clients with maximum performance along with cost and time savings. Our strategies maximize the value of your remediation dollar.

When you choose TerraStryke, you choose a holistic approach to remediation while putting dollars back in your pocket – now that's something you can feel good about.

WE SWIM WITH THE PROVERBIAL CURRENT MAXIMIZING THE USE OF AVAILABLE ENERGY.



# BENEFITS







## OUR PRODUCTS

### NATURAL REMEDIATION SOLUTIONS

While other technologies struggle to create artificial environments with expensive equipment and/or non-organic treatments (generally harsh to the overall subsurface ecosystem), our biostimulants are proven to enhance the natural environmental and native microbial communities organically, to achieve maximum contaminant destruction rates with minimal site impacts.

With TerraStryke's flagship products **ERDenhanced™** and **TPHenhanced™**, native bacteria flourish and destroy contamination efficiently, sustainably, quickly, and cost-effectively. By leveraging and enhancing what Mother Nature needs, together we can simply, affordably and effectively destroy site

contaminants in soils and groundwater *without* aboveground equipment and long-term O&M. That is what sets TerraStryke apart from the rest.

Ours is a strategy that holistically addresses the needs of Nature to best address the needs of your Site. By enhancing the microbial ecosystem and its communities, we leverage Mother Nature's expertise and her millions of years of experience. Our processes don't go against the grain of current conventional wisdom; rather, they extend outside the box, to provide you, the environment, and your clients, levels of contaminant destruction at costs and completeness previously thought unattainable.

OUTSIDE-THE-BOX THINKING THAT PROVIDES BOTTOM LINE OUTSIDE-THE-BOX PROFITABILITY.

## TPHENHANCED

TerraStryke™ TPHenhanced™ will:

- Enhance the bioavailability of sorbed residual contaminant mass to effectively 'get-the-rebound out' upfront.
- Expedite the destruction of dissolved-phase hydrocarbon contaminants to enhance the realization of long-term site compliance.
- Increase subsurface distribution capabilities, decreasing site time and expenses.
- Minimize on-site impacts, eliminate the need for costly aboveground equipment, and be done with nuisance noise, emissions and vapors.
- Allow for redevelopment concurrent with remediation.
- Realize performance and savings. Maximize the value of your remediation dollar and reduce overall project costs.

**TPHenhanced** is demonstrated to enhance the realization of superior rates of petroleum hydrocarbon degradation, and when compared to current industry standards, with greater sustainability and performance at less costs.

## ERDENHANCED

TerraStryke™ ERDenhanced™ will:

- Provide decades of reducing conditions after a single deployment program, eliminating multiple deployment events, to maximize your remediation dollar.
- Realize *complete* biotransformation of site cVOC contaminants without stall, and without adverse ambient air concerns.
- Expedite the solubilization of residual source contaminant mass to increase bioavailability and eliminate rebound.
- Realize 2-3 orders-of-magnitude destruction in cVOC mass in months, not years.
- Allow for redevelopment concurrent with remediation.
- Increase subsurface distribution capabilities, decreasing site time and expenses.

**ERDenhanced**, at a typical dry cleaner site, will reduce your remediation timeframe by years while realizing hundreds of thousands in savings. Save time, save money, and sequester greenhouse gasses too, all by simply enhancing Mother Nature's abilities.

UNIQUE SOLUTIONS TO CHALLENGING LONG-TERM PROBLEMS.

**FACT:**  
ERDenhanced™ will  
allow you to realize

**95% MASS  
DESTRUCTION**

**in months, not years, while providing decades of sustainable  
reducing conditions after a single injection event.**





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