



BioNorth Solutions

Fostering soil health, one microbe at a time

BioNorth Solutions was founded in 2014 by Amber Kivisto and Dr. Miranda Lock, with the humble beginnings of a laboratory situated in a 800 square foot garage in Thunder Bay, Ontario. Working on their respective PhDs, they garnered a mutual interest in finding sustainable solutions to pressing environmental issues. In their research, they discovered the ability of certain microbes to rehabilitate and revitalize soils. After 6 years of R&D, Amber and Miranda perfected a proprietary blend of bacteria capable of hydrocarbon remediation, and brought BioNorth Solutions' first oil spill clean up kit to market.



We lead with science.

Since incorporation a decade ago, BioNorth has grown considerably and expanded to offer a variety of microbial products and services targeted towards hydrocarbon remediation and plant growth. Our focus has always been on providing environmentally friendly and cost effective alternatives to traditional methodologies that are just as, if not more, effective at rehabilitating and promoting environmental health.



Keeping this focus in mind, we built collaborative bacteria strains that are capable of aggressively and effectively remediating contamination in soils and hard surfaces, as well as enhancing plant growth, which aids in the reclamation and revegetation process.



SCIENCE BASED



ENVIRONMENTALLY FOCUSED



SOLUTIONS DRIVEN

A powerful blend of microbes.

Our proprietary blend of microbes, found in the Microbiate Soil and Gravel™ and Microbiate Hard Surface™ products, remediate oil spills by breaking down the hydrocarbon chains into water and trace amounts of carbon dioxide, to be offered back into the environment. Using a similar blend of microbes, our plant growth promotion products, PGP4 and PGP2R, enhance plant growth and development while also increasing soil fertility.



BioNorth Solutions has had many success stories with clients around the globe, on both large and small scales. Microbiate SG™, in particular, has proven time and time again to be effective at remediating hydrocarbon contamination in different soil types and climates.

Check out our case studies here:

<https://bionorthsolutions.com/case-studies/>



At BioNorth Solutions, we have made it our mission to solve environmental issues using an innovative and easy way of cleaning contamination while still promoting plant and soil health. Together, we can make a positive impact on the planet!

