# *Organic Remediation Products*

## Soil Remediation

### BIOREMEDIATION

01

- Organic Remediation Products is an environmentally-responsible, energy-efficient and competitive alternative to disposing of contaminated soil in landfills. It is a proven and effective technology for the decontamination of soils containing an array of organic contaminants — ranging from straight-chain hydrocarbons to polycyclic organic compounds such as PAHs. Biological treatment systems do not involve significant energy inputs or result in the sterilization of the soil — unlike systems involving thermal or chemical processes.

### COST EFFECTIVE

02

- Organic Remediation Products offer tremendous potential for the world economy, since it is much more affordable than traditional decontamination methods, such as excavation.

In Canada, soil remediation is a 30 billion dollar market. In the last 10 years the field has grown annually and the number of contaminated sites discovered has almost tripled. Often these sites remain untouched because it is not affordable to have the remediation done. The use of microorganisms is a fraction of the cost, these
microorganisms feed on the pollutants, break them down and eventually eliminate
them.

# Organic Remediation Products

03

## BENEFITS

- Reduce your environmental impact and your expenses with Organic Remediation Products.

  - Our formula contains a mixture of up to 17 Microorganisms depending on what contamination it is treating
  - These microorganisms use pollutants as a source of food. They feed on it and break it down, gradually decontaminating the soil
  - Faster and more effective than traditional remediation methods
  - Up to 75% less expensive than excavation and off-site disposal
  - Considerably less disruptive to site operations
  - Used in place of building demolition or foundation underpinning
  - Lower carbon footprint than excavation
  - Organic Remediation Products do not involve significant energy inputs or do they result in the sterilization of the soil unlike systems

## Summary

- Formula contains a mixture of up to 20 Micro Organisms depending on what type of contamination
- Faster and more effective than traditional remediation methods
- Up to 75% less expensive than excavation and off-site disposal
- Considerably less disruptive to site operations
- Used in place of building demolition or foundation underpinning
- Lower carbon footprint than excavation

## Data

Our latest tests, we took a soil sample that was at 15000 PPM of Heating Oil and reduced it to 400 PPM in 120 days. We also took one that was 23000 PPM of Diesel Fuel and reduced it to 560 PPM in 120 days.