

# Canada

## SEMINÁRIOS

### “CANADÁ: TECNOLOGIAS INOVADORAS PARA ÁGUA E EFLUENTES”

#### Empresas canadenses palestrando na FENASAN 2018

**18 de setembro**  
**Das 16 às 17 h**

**Heron Instruments**

[www.heroninstruments.com](http://www.heroninstruments.com)

**JM Power Aggregates**

[www.jmpoweraggregates.ca](http://www.jmpoweraggregates.ca)

**Premier Tech Aqua**

[www.premiertechaqua.com](http://www.premiertechaqua.com)

**19 de setembro**  
**Das 16 às 17 h**

**Bionetix**

[www.bionetix-international.com](http://www.bionetix-international.com)

**Ecolo Odor Technologies**

[www.ecolo.com](http://www.ecolo.com)

**Link-Pipe**

[www.linkpipe.com](http://www.linkpipe.com)

**Premier Tech Aqua**

[www.premiertechaqua.com](http://www.premiertechaqua.com)

**20 de setembro**  
**Das 15 às 16 h**

**Ecolo Odor Technologies**

[www.ecolo.com](http://www.ecolo.com)

**Fournier Industries**

[www.fournierindustries.com](http://www.fournierindustries.com)

**Heron Instruments**

[www.heroninstruments.com](http://www.heroninstruments.com)

**Local: Sala 1 da Plenária – Pavilhão Branco**

**Expo Center Norte – Rua José Bernardo Pinto, 333 – Térreo – Vila Guilherme – São Paulo**

*\* Para mais informações, visite também o stand do Canadá na Fenasan 2018 – Stand R24*

# BIONETIX SOLUTIONS

*We work for nature*

**Bionetix**  
INTERNATIONAL  
A Subsidiary of Cortec® Corporation

# BIONETIX SOLUTIONS



- Established in 1996

- We are Global!



- Subsidiary of Cortec Corporation since 2010 – Biotechnology Division

- Cortec Biotechnologies in Sarasota Florida



- Certified ISO 9001-2008



# BIONETIX SOLUTIONS

## **Bioaugmentation**

*Work with nature's processes to treat waste water*

## **Biological Cleaning and Maintenance Solutions**




*Effective in dealing with organic soils in homes and institutions*

## **Manufacturers' Concentrates**

*Environmentally friendly alternatives to traditional cleaning*

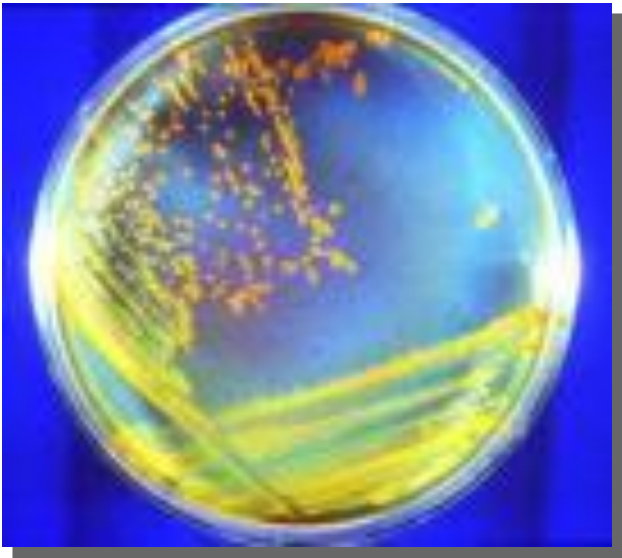
# BIOLOGICAL WASTE TREATMENT

Use a bacterial population to convert soluble organic matter in effluent into insoluble organic material to be physically removed from the wastewater stream

-  Result in the elimination of oxygen-demanding organic chemicals from the wastewater
-  Permits the discharge or reuse of the clean water
-  Reduces surcharges for effluent discharge

# SPECIALLY SELECTED MICROORGANISMS

- 🌿 Digest organic waste quickly and completely
- 🌿 Do not cause odors or noxious gases



- 🌿 Grow and reproduce readily in the environmental conditions of organic waste

## WHERE DOES BIOLOGICAL TREATMENT WORKS?



- Activated sludge systems
- Dynamic and static filters – MBRs
- Aerobic lagoons
- Industrial grease traps and septic systems
- Wetlands with grass cuttings

Anywhere biological treatment is used!



# BIOLOGICAL DIGESTANTS

## Composed of



-  Microorganisms: 100% naturally occurring, non-pathogenic, specifically selected for their abilities to degrade target substances
-  Macronutrients: complete formula for maximum biological activity reacts with organic wastes to produce biological enhancers









# BIOAUGMENTATION

## *Waste-producing industries*

-  Treat industrial sludge to meet stringent discharge standards
-  Reduce wastewater effluent charges





## *Municipal wastewater treatment plants*


-  Enhance treatment of waste handling: reduce organic acids, ammonia and toxic substances
-  Control odor
-  Increase wastewater treatment efficiency
-  Reduce plant upsets from shock






# OTHER APPLICATIONS

-  Agriculture - revitalize chemically distressed soils to optimize crop production
-  Aquaculture - rebalance pond medium to maximize quality and quantity of species cultivation

# INDUSTRIAL AND HOUSEHOLD CLEANERS

 Provide effective cleaning and odor control solutions  
and ensure

-  User safety
-  Potential cost savings
-  Reduce environmental impact



# GREEN CLEANING

Use natural processes to meet the demands of today:

cleaning, odor control  
and waste treatment  
without the use of potentially  
harmful chemicals that threaten  
the environment and  
human health



# WHAT'S IN IT FOR THE USER?

- 🌿 Safety
  - *no need to wear protective gear*



- 🌿 Truly environmentally friendly
  - *biodegradable surfactants*
  - *free of phosphates, heavy metals, phenols, chlorine bleach*



- 🌿 Non-flammable, non-corrosive, non-toxic
  - *safe for all drain lines and septic systems*



Oscar Caceres  
Technical sales and service

*We work for nature*

**Bionetix**  
INTERNATIONAL  
A Subsidiary of Cortec® Corporation