

Bionetix® Newsletter

February 2024

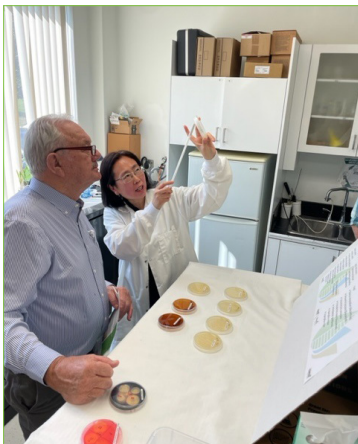
Together Again! Bionetix® Reunites for Third World Sales Meeting



It was a pleasure to have 10 of our valued distributors join us for our third Bionetix® World Sales Meeting, September 20th-22nd in Montreal, Canada! We appreciate the investment of time and energy everyone made to travel from six different countries: Canada, Mexico, Guatemala, Chile, Vietnam, and Australia. Although small, the event was a powerful and ideal environment for everyone to share their success stories and energize one another.



Speakers included Cliff Cracauer (Cortec® EVP Sales & Marketing), Diana Di Marco (Technical Sales Director), Mathias Benitez (Lab Manager), and Tonya Decterov (Product Manager). Topics ranged from company and new product updates to in-depth presentations on the cleaning and wastewater treatment markets. Other highlights were a tour of Bionetix® headquarters (with lab testing demos from QC Technician, Hongmei Duan), sales awards, and fun social times overlooking the Old Port of Montreal.



We want to extend a special thank you to all of you who came to see us at the 2023 Bionetix® World Sales Meeting. After a long time apart, we are excited to reboot these gatherings every other year and launch other training opportunities in the near future! Contact us to learn more: <https://www.bionetix-international.com/contact-us/>



OUT AND ABOUT

Headed in the Right Direction at ISSA North America

In November, Diana Di Marco (Technical Sales Director) and Tonya Decterov (Product Manager) travelled south of the Canadian border to Las Vegas, NV, for the ISSA North America show. During this prominent cleaning conference, our skilled team sensed an ever growing interest in “green” alternatives to traditional cleaning chemistries. They were able to share samples and speak with a variety of cleaning product distributors, service providers, and formulators about probiotic cleaning concentrates, odor control, and our exciting new “paper-eating” product. There was also time to connect with other vendors and current customers on the expo floor. All in all, the show was a big confirmation that we are headed in the right direction and should continue to expand specific probiotic lines of high interest!



Certificate CA08/4215

The management system of

Bionetix International Corporation Inc.

21040, rue Daoust, Ste-Anne-de-Bellevue, Québec, H9X 4C7, Canada
has been assessed and certified as meeting the requirements of
ISO 9001:2015

For the following activities
Design, development and manufacturing of microbial products, natural hygiene solutions and environmental treatments.

This certificate is valid from 01 March 2023 until 01 March 2026 and remains valid subject to satisfactory surveillance audits.
Issue 9. Certified since 29 February 2008

Dan Seal

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Page 1 / 1

ISO 9001 Surveillance Audit

It's audit time again! In early January, we passed our annual ISO 9001 audit with no non-conformities. This is the first surveillance audit since our recertification last year, and our auditor from SGS chose to focus on reviewing our management, support, operation, and improvement processes. With the hiring of a new microbiologist, the purchase of a new lab fermenter (that will be used for special R&D projects), and the renovation of our laboratory, our improvements have indeed been significant this year! At the same time, our customer satisfaction rate has continued to meet corporate goals.





RESOURCE NEWS

New Brochure! Probiotics for Portable Sanitation


We were excited to release a brand new brochure last fall about probiotics for the portable sanitation industry. This collection of portable sanitation products stands out from traditional treatments by putting the power of nature to work to clean, deodorize, and biodegrade. It is an excellent resource for any provider of portable sanitation services looking for practical, effective solutions to improve maintenance.

Bionetix® biologicals are a perfect match for portable sanitation because they contain beneficial microorganisms that digest organic wastes such as human waste, greases, oils, undissolved soap residues, paper, and other odor-causing substances. Paired with pleasant fragrances, they not only mask odors but reduce the compounds that cause them. Better yet, Bionetix® biologicals can be adapted for use as portable toilet surface cleaners, odor neutralizers, urinal treatments, and more!

Be sure to check out our new brochure today: <https://www.bionetix-international.com/about-us/brochures/>

New Product Data Sheets in Spanish

With a strong representation in Latin America, we are pleased to be able to present two product data sheets (PDSs) that have recently been translated into Spanish. HYGIEA2200™ is a probiotic liquid odor control concentrate that can be diluted in water and used to deodorize waste baskets, dumpsters, carpets, bathrooms, and fitness centers. PAPERATOR™ is a toilet-paper-digesting treatment designed to help against toilet clogging (read more about it in "NEW PRODUCTS" on page 4). We plan to continue translating a variety of popular product data sheets into Spanish. Stay tuned to our international page to watch for more Spanish PDS additions! <https://www.bionetix-international.com/international/>



BIONETIX® INTERNATIONAL PORTABLE SANITATION PRODUCTS

ISO: 9001 Certified
Quality System Registered

Thirty years of experience
in biological products!

A Subsidiary of Cortec® Canada
Bionetix
INTERNATIONAL



PAPERATOR™
SOLUCIÓN BIENZIMÁTICA PARA LA DIGESTIÓN DE PAPEL

DESCRIPCIÓN DEL PRODUCTO
PAPERATOR™ es una solución microbiana diseñada para Bionetix frente a los retos de la eliminación de papel higiénico, papel de baño de hotel, y otros materiales de residuos orgánicos en depósitos e incineradores. Incluye además el uso de una avanzada formulación enzimática al poder de enzimas y probióticos especializados para descomponer y digerir eficientemente estos materiales, evitando los malos olores y mejorando el ambiente adecuado.

Este PAPERATOR™ para una impecable higiene en el baño, oficinas y con control de olores. Con su innovadora formulación bioenzimática, PAPERATOR™ es un agente biológico para eliminar los residuos de papel higiénico y promover sistemas de bioensucio eficientes, el tiempo que está allí controla la contaminación por olores.

ENVASADO Y ALMACENAMIENTO
Hay dos tipos de botellas: 100 y 400 L (26.4 y 105.7 gal) y en empaques personalizados.

Atención: es un lugar fresco y seco. El envase debe mantenerse intacto, seco, y protegido de la luz. Aplique la solución en frejaderos y desagües. Para diluir en agua desinfectante en la tanca de modo.

3. Deje que la solución o el polvo actúen durante 15 minutos usando los desagües e limpiando el inodoro.

INSTRUCCIONES DE USO

1. Diluir una bolsa hidrosoluble (28 g) de PAPERATOR en 1 litro de agua limpia.
2. Aplique la solución en frejaderos y desagües. Para diluir en agua desinfectante en la tanca de modo.
3. Deje que la solución o el polvo actúen durante 15 minutos usando los desagües e limpiando el inodoro.

CARACTERÍSTICAS Y BENEFICIOS

- Mezcla bioenzimática avanzada
- Eficiente digestión de residuos
- Previene obstrucciones
- Controla olores
- Compatible con sistemas de fontanería, fosas sépticas y residuales

APLICACIONES TÍPICAS

- Hoteles y complejos turísticos
- Restaurantes and cafés
- Edificios comerciales y oficinas
- Baños públicos
- Centros para eventos
- Propiedades residenciales

ESPECIFICACIONES

Descripción	Pulvo fluido de color blanco
Fragancia	Ninguna
Estabilidad	Período max. de 12 meses
pH (Solución 1%)	5.0-7.0
Conteo Bacteriano	Mil millones UFC

ENVASADO Y ALMACENAMIENTO
Disponibles en 4 x 4 L, 20.27 kg, 208.82 kg y embalaje personalizado.

DESCRIPCIÓN DEL PRODUCTO
HYGIEA2200™ es una mezcla probiótica formada de especies múltiples. Es un concentrado líquido específicamente para grandes volúmenes con capacidad de formulación.

HYGIEA2200™
CONTROL DE OLORES LIQUIDO

DESCRIPCIÓN DEL PRODUCTO
HYGIEA2200™ contiene biocepas sintéticas, aminoácidos, nutrientes, estabilizantes, y agentes neutralizadores de olores que garantizan una excelente descomposición de almidones, carbohidratos, proteínas, grasas, y aceites. Es solo neutraliza, sino que también destruye estos compuestos causantes de olores.

CARACTERÍSTICAS Y BENEFICIOS

- Neutraliza y elimina los olores a largo plazo (no sólo los enmascara)
- Descompone almidones, carbohidratos, proteína, P.O.G (grasas, aceites, y grasas), y otros residuos orgánicos
- Económico

APLICACIONES TÍPICAS

- Control de olores en cubetas de basura, contenedores de basura, camiones de basura, vertederos, y todos municipales
- Eliminación del olor de la alfombra
- Mantenimiento de baños (limpieza de superficies y control de olores)
- Instalaciones de lavanderías y gimnasios

ESPECIFICACIONES

Descripción	Líquido verde viscoso (también se puede hacer con color personalizado o sin color)
Fragancia	Menta fresca, personalizada, o sin fragancia
Estabilidad	Período max. de 1 año
pH	7.0-9.0
Conteo Bacteriano	10X: 500 millones UFC/g 20X: Mil millones UFC/g

INSTRUCCIONES DE USO
HYGIEA2200™ debe mezclarse bien por 20 minutos antes de formular los lotes. El concentrado 10X puede diluirse 1:1 partes en agua desinfectada. Bionetix® recomienda el uso de desinfectantes para diluciones 20X. Póngase en contacto con su representante técnico de Bionetix® para mayor información.

NEW PRODUCTS

Late last summer and early fall were busy times as we officially released four new biologicals for wastewater treatment, aquaculture, restroom maintenance, and soil cleanup.

AQUACLAR™ PLUS is an extra-strength version of AQUACLAR™. With 50 times more colony-forming units per gram (5 billion CFU/g vs. 100 million CFU/g in regular AQUACLAR™) AQUACLAR™ PLUS has better adsorption capacity and a stronger ability to attack waste products and excess nutrients in water problem areas. It can be used to improve water clarity in wastewater treatment lagoons or small lakes, ponds, canals, fish farms, and even aquariums by reducing nitrogen, ammonia, and other toxins and organics. Learn more: <https://www.bionetix-international.com/improve-water-clarity-naturally-with-aquaclar-plus/>

BCL6000™ is a blend of aerobic and anaerobic (or facultative anaerobic) microorganisms in liquid form. A special feature is that it can be automatically applied to wastewater for better treatment plant performance that keeps odors, BOD, and foam in check. The main mechanisms are multisporous bacteria with free enzymes, nutrients, and a source of oxygen that help bring struggling wastewater systems back into balance. Automatic metering makes it easy to apply for ongoing maintenance, as well. Learn more here: <https://www.bionetix-international.com/press-release-how-to-automatically-improve-wastewater-treatment-efficiency-with-bcl6000/>

BCP35S™ Premium is a new version of BCP35S™ that includes fungi and a higher percentage of special bacteria for enhanced performance. It was designed for a company performing ex situ bioremediation on soils that showed higher PAH compared to previous specimens (see Case History #50 on page 5). Learn more about the new potential this brings to in situ or ex situ bioremediation: <https://www.bionetix-international.com/press-release-bionetix-introduces-bcp35s-premium-for-enhanced-soil-bioremediation-2/>

PAPERATOR™ is a revolutionary bio-enzymatic “paper-eating” solution for better restroom maintenance. It contains specialized probiotics and enzymes that efficiently break down cellulose-based materials frequently found in toilet paper, seat covers, and paper towels. This function significantly reduces the risk of paper clogging pipes and sewer systems and leading to expensive plumbing interventions. It also speeds up the overall organic waste digestion process, cutting down on bad odors in the meantime. Learn more about PAPERATOR™ and see test results here: <https://www.bionetix-international.com/bionetix-introduces-paper-eating-solution-to-toilet-paper-clogging/>

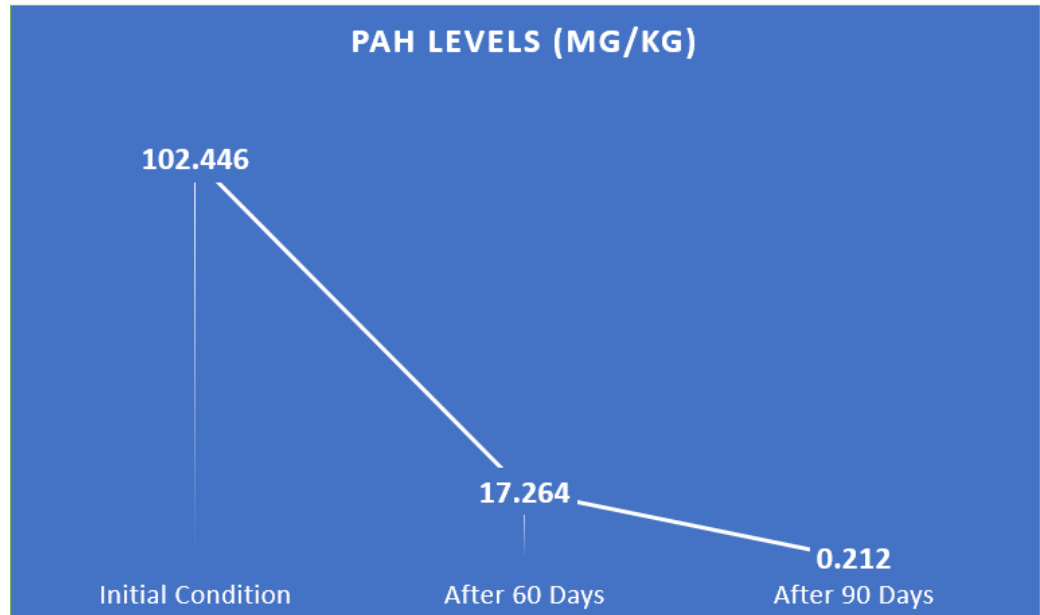




CASE HISTORIES

Case History #50: Bioremediation of PAHs in Soil

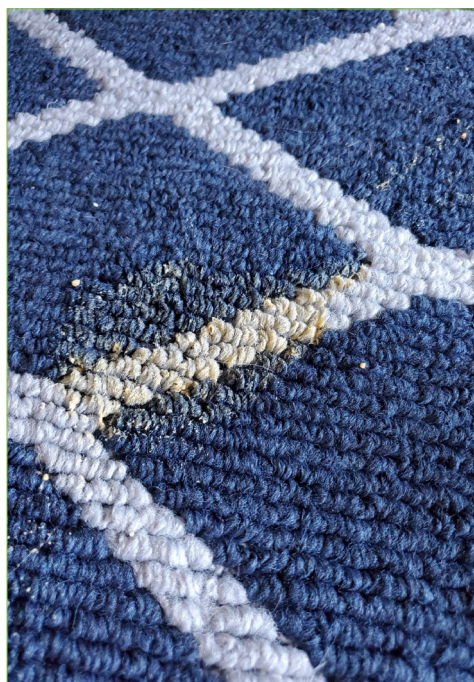
A company performing soil bioremediation noticed that much of the crude-oil-contaminated soil it had been receiving in the last two years had higher levels of PAHs (polycyclic aromatic hydrocarbons) than previous soils. This sent them to CorteCros® for a solution to target PAHs and speed up overall bioremediation. They were advised to upgrade from BCP35S™ to BCP35S™ Premium to get a higher count of specific petroleum-digesting strains and additional microorganisms to target PAHs. Laboratory testing with BCP35S™ Premium (in conjunction with BIOSURF™) caused the PAH levels in the soil to drop significantly from 102.446 mg/kg to 17.264 mg/kg after 60 days. At the end of 90 days, this had dropped even lower to 0.212 mg/kg. The bioremediation company was very satisfied with the results and hoped to continue using Bionetix® products to improve bioremediation capabilities.



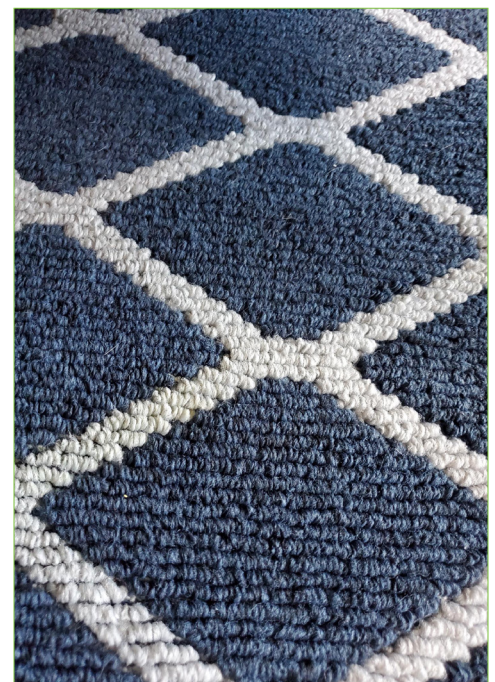
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Case History #51: Carpet Cleaning with ECO-CLEAN-ALL TABS™

Cleaning up after pets is a common task for cat and dog owners. One day late last summer, a cat owner in Quebec decided to see how Bionetix® products could help. After wiping away most of the vomit his cat had left on the carpet, the cat owner saw that some residue and a stain remained. He made a solution with one tablet of ECO-CLEAN-ALL TABS™, sprayed it on the carpet, wiped it with a damp cloth, and sprayed and wiped again. The owner was pleased with the results and reported, "Once the carpet was dried there were no remaining stains. Furthermore, the tabs neutralized the scent of the vomit."



Before



After

CASE HISTORIES

Case History #52: Reducing Ammoniacal Nitrogen in Factory Wastewater

A food and beverage industry factory needed a more economical way to counteract an ammoniacal nitrogen spike in their wastewater. They applied a shock dose of BCP655™ and adjusted later doses according to BOD levels. Just one dose made a major difference, and the customer kept using the bioaugmentation product for the next year or two to promote stability.

Log in to our Case History library for more intriguing examples of how Bionetix® biologicals have been used in real life.



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UPCOMING EVENTS

Do you live near Florida or the Netherlands? Plan to come see us at the following conventions!

PSAI Convention & Trade Show

February 12th-14th, 2024

Ocean Center Convention Center

Daytona Beach, Florida

Booth #230

Show link: <https://www.psal.org/convention-and-trade-show>



Interclean Amsterdam

May 14th-17th, 2024

RAI Amsterdam

Europaplein

1078 GZ Amsterdam

The Netherlands

Booth #12.118

Show link: <https://company.intercleanshow.com/Bionetix-International?Language=EN&eventid=30179&account=00453283-0>



Keywords: Bionetix, wastewater, chemical wastewater, BOD overload, ISSA, green cleaners, bioremediation, soil cleanup, carpet cleaner, portable toilet treatment

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