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**Attention: Editor**  
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**PRODUCT RELEASE**



## Bionetix® AeroBooster-O<sub>2</sub> Supplies a Breath of Fresh Oxygen to Ponds and Wastewater

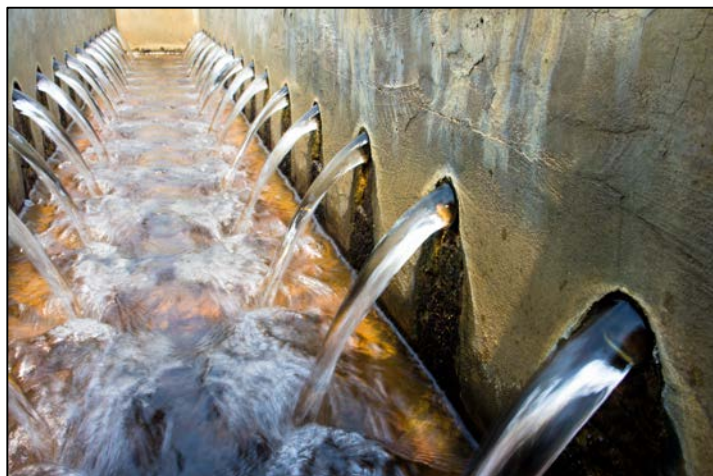
Oxygen is a key ingredient for healthy aerobic conditions in wastewater treatment plants, sewers, holding tanks, ponds, and lagoons. When oxygen is lacking, anaerobic conditions easily set in, allowing the formation of hydrogen sulfide, ammonia, and other chemicals that release bad odors and are toxic to



aquatic life (oxygen deficiency causes mortalities and slow growth of fish and shrimp). When oxygen is abundant, it is easier for microorganisms to carry on biodegradation of contaminants and biological removal of excess nutrients, promoting cleaner ponds, more efficient wastewater treatment, and healthier aquatic species.

To encourage these beneficial aerobic conditions, Bionetix® International has released a new biostimulation product called AeroBooster-O<sub>2</sub>. AeroBooster-O<sub>2</sub> supplies ponds and wastewater

with an oxygen source to promote aerobic conditions, reduce bad odors, and accelerate the digestion of contaminants.



The slow-release supply of oxygen provided by AeroBooster-O<sub>2</sub> boosts the growth of biomass — helpful microorganisms that speed up the biodegradation of contaminants and excess nutrients in ponds and wastewater. AeroBooster-O<sub>2</sub> also fights bad odors by accelerating the oxidation of odorous substances such as hydrogen

sulfide, ammonia, and other chemicals that form in anaerobic conditions. The product is stable in storage, easy to use, and can be handled without risks.\*

AeroBooster-O<sub>2</sub> can be used to improve aerobic conditions in a variety of applications:

- Ponds
- Sewage
- Wastewater Lagoons
- Wastewater Treatment Plants
- Holding Tanks
- Aquaculture



While AeroBooster-O<sub>2</sub> can promote better aerobic conditions on its own, it is specifically intended to boost the performance of bioaugmentation products such as Bionetix's line of BCP natural wastewater treatments. Each BCP bioaugmentation formulation is designed to target and degrade specific types of waste common in certain industries (e.g., BCP55 for starch degradation, BCP11 for chemical waste, BCP25 for dairy waste, etc.). Non-pathogenic bacteria in the BCP products release special enzymes that digest contaminants subsequently used by the bacteria for energy and reproduction. Carbon dioxide and water are released as non-hazardous byproducts.



By adding AeroBooster-O<sub>2</sub> to the water treatment equation, pond owners and wastewater facilities can encourage more efficient waste degradation processes that result in cleaner ponds, healthier biomass, and more efficient wastewater treatment plants. This breath of fresh oxygen may be just what is needed to provide an aerobic boost to an overwhelmed pond or wastewater system.

AeroBooster-O<sub>2</sub> should be initially applied as a full shock dose and then continued at half-strength to keep the situation stable. For the quickest oxidizing effect, AeroBooster-O<sub>2</sub> should be applied directly to the pond or wastewater. Varying dosages can be applied to address high anoxic conditions or to reduce sludge.

To learn more about AeroBooster-O<sub>2</sub>, please visit:

[http://www.bionetix-international.com/products/municipalwaste/AEROBOOSTER02\\_PDS\\_ENG\\_02-05-18%202.pdf](http://www.bionetix-international.com/products/municipalwaste/AEROBOOSTER02_PDS_ENG_02-05-18%202.pdf)

To learn more about Bionetix<sup>®</sup> products, please visit:

<http://www.bionetix-international.com/>



*\*Use of gloves and glasses is recommended to protect against skin and eye irritation.*

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**Bionetix<sup>®</sup> International produces biological waste treatment products that are used in thousands of field applications worldwide. The Biological Series of products—among the earliest products introduced by Bionetix Canada – can be found in countless food preparation and processing locations in the United States, Europe, South America, and Asia. Numerous municipalities around the world have accepted these products. Headquartered in Quebec, Canada; Bionetix International is a subsidiary of Cortec<sup>®</sup> Corporation. ISO 9001:2000 Certified.**

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