



## Chemical Free & Organic Wastewater Treatment

### *What if you could...*

- Increase the capacity of your wastewater treatment plant?
- Reduce costs and spending?
- Have a complete treatment system?
- Meet new regulations and discharge limit requirements?

### *You can with BioCord™*

#### **Advantages of BioCord™:**

- Can be retrofitted in existing plants
- Meets Federal Wastewater System Effluent Regulations
- Is easy to adapt
- Has a small footprint
- Enhances nutrient removal
- Fits in & optimizes existing lagoons
- Provides nitrification and denitrification
- Low energy use



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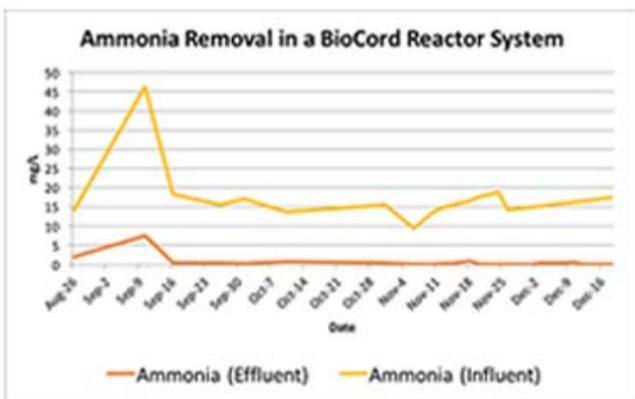
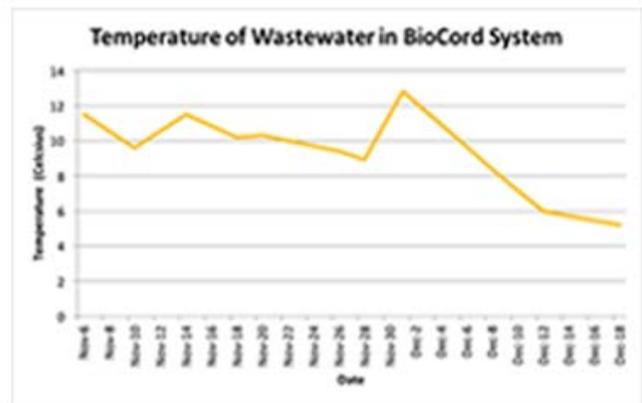
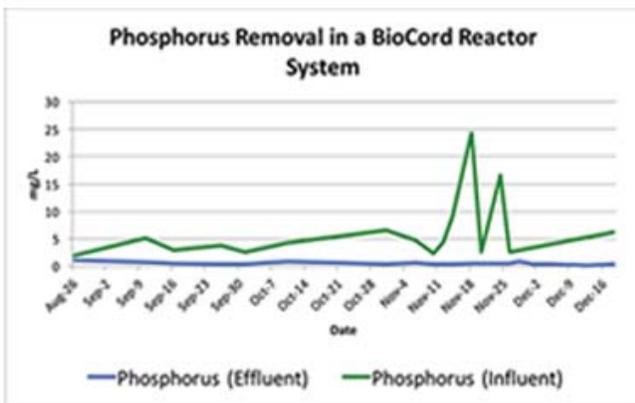
## The Effective, Affordable Wastewater Solution

### What is BioCord™?

Before understanding BioCord™, it's essential to understand biofilm. Biofilm is a natural aggregation of a complex community of microorganisms growing on a solid substrate. Biofilm works in three stages: attachment, growth and dispersal.

BioCord™ Reactors are a substrate manufactured specifically for wastewater treatment. This substrate allows symbiotic layers of different bacteria to develop, mirroring the process that occurs in nature. Biofilm is resilient against toxic shock and hydraulic surges.

BioCord™ Reactors can be used to treat water from municipal and industrial sources. The cord structure of BioCord™ maximizes surface area for biofilm development.



These charts depict the progress in a BioCord™ Reactor System. Not only does the BioCord™ remove ammonia and phosphorus it improves BOD and TSS. In the coldest of temperatures, the performance of the BioCord™ was maintained even at 5°C.



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## Who We Are

### *Why Bishop Water?*

We were founded on good business and good science, engineered for industries working with water. Bishop Water is committed to changing how businesses work together to solve environmental challenges. Our focus is on the development and implementation of simple, cost effective, environmentally engineered solutions for our clients. Bishop Water's development of BioCord™ is a testament to this and how we continue to optimize wastewater solutions.

### *An Award-Winning Business*

Bishop Water is an award winning business. We have been nominated for outstanding business of the year in 2016 by the Renfrew and Area Chamber. In 2015 we were part of the team that were awarded the Ministers award for Environmental excellence in regards to our Design Build facility for the Town of Perth. We were part of the team that received WEAO, OPWA and American Public Works awards for technical innovation for the City of London ash handling facility. Our first facility in Eganville for septage management was awarded a WEAO award. In 2016, we were awarded the Community Futures 2016 Entrepreneur of the Year Award.

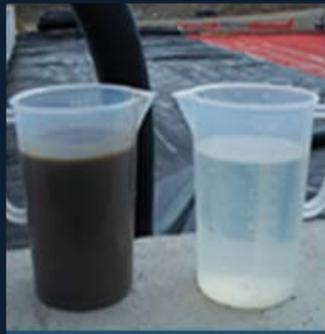
### *The BioCord™ Experts*

Our team of Engineers and Project Managers combined with our financial acumen and BioCord™ technology offer a complete solution to any wastewater treatment need.



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*#IntelligentSolutions*



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