



# LAGOON SOLUTIONS<sup>®</sup>

aeration  
solutions  
for lagoons



Environmental Dynamics International

aeration for life<sup>™</sup>

# The #1 performing lagoon systems in the world

Lagoon Solutions from Environmental Dynamics International offers reliable, proven treatment systems with over 40 years of experience and hundreds of installations worldwide.

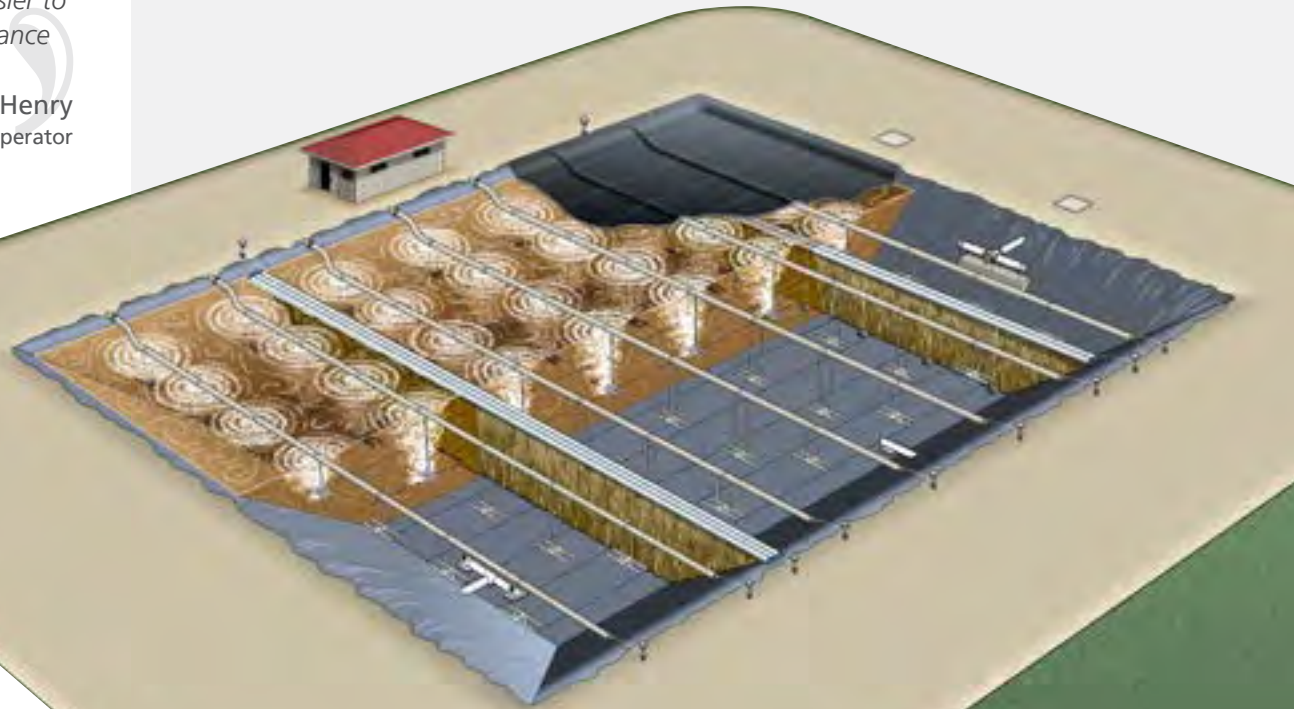


## IDEAL<sup>®</sup> Solution

- Maintains lagoon operational simplicity and reliability
- Proven cold temperature nitrification below 3°C
- Removes over 60% total nitrogen
- Low total ownership cost

*"The crew from Aeration Works at EDI were really good to work with. From the beginning we could tell that they were willing to go "above and beyond" normal efforts to make sure the diffusers for our system were installed in the most professional manner. It wasn't only the field crew that impressed us as their folks in the office provided excellent support to see that we received the right products, and on time. So far everything is working as planned and we think our new system is going to be much easier to do standard maintenance on."*

- Joe Henry  
Chief Operator



## IDEAL<sup>®</sup> BioReactor



Partial Mix – Lagoon

The simplest Lagoon Solution: BOD removal and sludge management



Complete Mix – Lagoon

Increase capacity and efficiency at low total ownership cost.



Internal Clarifier – Lagoon

BOD, extended aeration and ammonia removal with no algae concern.



External Clarifier – Lagoon

Proven, reliable technology to manage sludge, BOD, TSS, and ammonia.



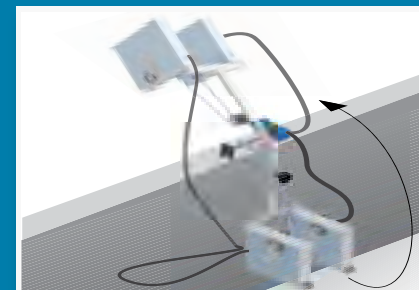
BioInsulate™ / BioShade™

Maintain constant reactor temperature and/or deprive algae of UV rays.



BioReef™

Attached growth for BOD, TSS, ammonia, and nitrogen handling, even in cold climates.



Omicron™ Polishing Filter

Flexible, small-footprint design delivers high-quality effluent.



Effluent Nitrification Filter

Submerged Media Aerated Reactor Technology



PAL™ DO Control

Use predictive logic to automate and optimize your existing system.



Blowers

Selected to deliver maximum performance and reliability at minimal ownership cost.



Oxidation Ditch BioReactor

Independent control of mixing with diffusers for process control



www.lagoon-solutions.com  
www.EnvironmentalDynamics.com

YOU FOUND THE BEST.  
TAKE CARE OF IT.





## Long-term Thinking

EDI Lagoon Solutions values client partnerships, and offers long-term relationships with dedication to improving your plant's capabilities. This partnership, coupled with a diverse set of available evaluation and service options, will keep your plant running efficiently and cost-effectively. Contact us for optimum lagoon solutions and other biological treatment processes.



## International Offices

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