

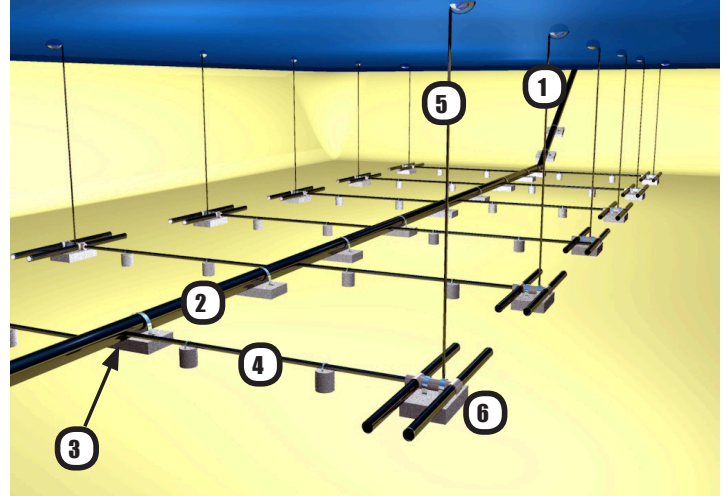
PRODUCT SPECIFICATION SHEET

EDI Submerged Lateral

Lagoon Aeration System

Unique System Configuration when Maximum System Integrity and Maintenance Flexibility Required

- Well suited for cold climates where heavy ice formation is anticipated
- Air piping ballasted and rests on basin floor
- Accommodates variable water level applications
- High density polyethylene pipe for maximum durability
- Heavy wall piping and all welded construction including inline and branch transitions for maximum mechanical integrity
- Available with floor mounted diffuser assemblies
- Multiple diffuser options including coarse bubble for low maintenance, and membrane, fine bubble, tube and panel diffusers for energy efficiency
- Diffuser assemblies are retrievable without taking basin off-line for maximum process reliability



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|------------------------------|----------------------|
| 1. Rigid Inlet Connection | 5. Retrieval Harness |
| 2. Ballasted HDPE Pipe | 6. Diffuser Assembly |
| 3. Welded Airline Connection | |
| 4. Flexible Diffuser Airline | |



PRODUCT SPECIFICATION SHEET

EDI Submerged Lateral Lagoon Aeration System is an unique solution when maximum system durability and maintenance is required.

The system is ideally suited for the most rigorous applications where the basin cannot be taken off-line for system maintenance. The piping system is ballasted and rests on the basin floor. Individual diffuser assemblies are fully accessible from the water surface allowing maintenance to be completed without draining the basin or interrupting the process.

The EDI submerged lateral aeration system is virtually indestructible and features high density polyethylene pipe for maximum durability. The ballasting system is specifically designed to withstand the large thermal expansion associated with HDPE. Each component and total integrated system is engineered for maximum system integrity and proven field reliability. Heavy wall, high density, polyethylene pipe and welded construction are standard for all connections.

The mechanical design of the EDI submerged lateral aeration system performance of the system has been field demonstrated in the most rigorous conditions. When applied in cold climates, complete basin freeze over is not uncommon.

The EDI Submerged Lateral Lagoon Aeration System is available with the FlexAir® Tube diffuser for energy efficiency and low maintenance. A coarse bubble diffuser option is also available when energy efficiency is not a significant concern.



For additional information on the EDI Submerged Lateral Lagoon Aeration System or any EDI products, contact EDI, visit our website at www.wastewater.com or contact a local EDI representative.



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