



# ENVIRONETICS, INC.

## **DIRECTOR II** Tank Baffles



### **ECONOMICAL ALTERNATIVE TO CONCRETE WALLS**

*DIRECTOR II*<sup>™</sup> Tank Baffles offer a cost effective alternative to expensive concrete or fiberglass baffle walls. Our innovative modular baffles are constructed from structural stainless steel frames with integrated reinforced geomembrane baffle panels to provide years of durable service. Environetics' exclusive fittings allow for easy installation without field fabrication or welding. The mechanical perimeter batten system provides a positive seal against new and existing tank surfaces. The result is a high quality tank baffle system that provides years of trouble free service while costing much less than alternative designs. The simple, cost effective system is ideal for transforming an existing single stage treatment tank into a high performance multi-staged treatment process.

### **GET MORE PERFORMANCE FROM YOUR TANK**

- Create a Selector System for Biological Nutrient Removal (BNR)
- Establish Chlorine Contact Chambers
- Isolate Anoxic Zones for Denitrification
- Separate Mixing and Clarification Zones
- Establish Vertical or Horizontal Flow Patterns



# **DIRECTOR II**

## **Tank Baffles**



CREATE STAGED TREATMENT CELLS



FLOW OVER OR FLOW UNDER CAPABILITY



ENHANCE FLOW PATTERNS



QUICK INSTALLATION

### **CUSTOM BUILT FOR YOUR TANK**

Every *DIRECTOR II*<sup>™</sup> Tank Baffle is custom designed and built to fit your specific tank profile. With nearly 40 years of fabrication experience with geomembrane materials and structural components, Environetics has developed a variety of exclusive details and accessories to ensure that our *DIRECTOR II*<sup>™</sup> Tank Baffle system will meet your project requirements. Consult our Design Department for material specifications, design details, and expert advice regarding to your tank baffle project.

### **TANK BAFFLE DESIGN FEATURES**

#### **TANK BAFFLE SYSTEM CONFIGURATION**

- Flow Over and Flow Under Baffles
- Flow Around Baffles
- Flow Through Window Baffles
- Complex Baffle Intersections
- Weir and Cleanout Ports
- Scum and Debris Ports
- Pipe Penetration Boots

#### **TANK BAFFLE COMPONENTS**

- Field Proven Reinforced Geomembrane Baffle Curtain Materials
- Superior UV and Chemical Resistance
- Stainless Steel Structural Components and Hardware
- Exclusive Stainless Steel Connection Fittings
- Stainless Steel Perimeter Batten System

### **TURNKEY INSTALLATION**

*DIRECTOR II*<sup>™</sup> Tank Baffles install quickly and easily. The modular design reduces shipping costs and accelerates installation time in the field. Upon delivery, the modular components are assembled to form a continuous structure. Light weight modules can be assembled in the tank, or connected together in an adjacent area and lifted onto the tank by a crane. After placing the baffle system in the tank the assembly is securely anchored and sealed to the walls and floor of the tank structure. Environetics offers full turnkey installation of our *DIRECTOR II*<sup>™</sup> Tank Baffles.

