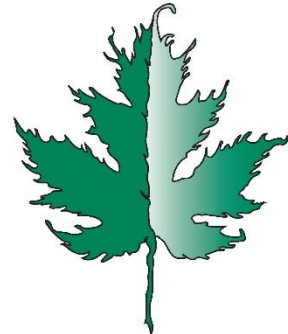


HABI-TUBES

“OYSTER REEF PLATFORM”

By: J. Patrick Barber
Acer Environmental, LLC.

ACER



Environmental, LLC.

HabiTubes on Platform



HABI-TUBES

“OYSTER REEF PLATFORM”

PURPOSE

- **Create Oyster Habitat**
- **Use less oyster shells or substrate in restoration effort**
- **Provide larger surface area for spat to attach**
- **Reduce compaction of unconsolidated bottoms**

HABI-TUBES

“OYSTER REEF PLATFORM”

INNOVATION

- **Interlocking - make a large mat to displace weight**
- **Flexibility - form to the unconsolidated bottom**
- **Elevation - oyster bed is not located directly on substrate bottom and displaces weight.**
- **Anchoring – attached to the bottom or tied to rocks**
- **Biodegradable**

HabiTubes

“Can be made into various sizes”



Solid Coir Center

“keeps sediment from reaching oyster shells”



HabiTubes on Platform



Double Platform



Platform Lift



Platform

PURPOSE

- Displace weight of the materials on an unconsolidated bottom.
- Interlock – connect together
 - Series
 - Stack
- Flexibility - match contours of the bottom
- Stability –
 - Anchor to unconsolidated bottom in high energy area
 - Structure
 - Support

ACER



Environmental, LLC.

P.O. Box 366
Buford, GA 30515
(404) 520-9422
pbarber@acerenv.net