

GEOTERRA® GTO

CONSTRUCTION MATS FACILITATE UNDERWAY ACCESS



Stable Ramp Ensures Safe Access At Manatee Viewing & Rescue Center

LOCATION: *Apollo Beach, FL*

ACCESS TO MANATEES CREATES CHALLENGE

The Manatee Viewing Center at Big Bend Power Station in Apollo Beach, Florida needed an easier way to gain access to sick, injured or pregnant manatees in the power station's discharge canal, where saltwater taken from Tampa Bay to cool Unit 4, flows clean and warm back to the bay. When Tampa Bay reaches 68-degrees or colder, many of the mammals seek out this 'warm water' refuge.

CONSTRUCTION MATS PERFORM AS UNDERWATER ACCESS PLATFORM

Tampa Bay Marine and R.H. Moore and Associates devised an access solution using Presto's GEOTERRA® GTO construction mats infilled with number 57 stone placed over a Mirafi Filterweave 700 (FW700) woven geotextile with earth anchors. The mats offered an easy to use access ramp that is completely stable and strong enough to move manatees, personnel and equipment in and out of the water. The discharge canal is a state and federally designated manatee sanctuary that provides critical protection from the cold for these unique, gentle animals.



OWNER:

Big Bend Power Station, Apollo Beach, FL

CONTRACTOR:

Tampa Bay Marine, Inc., Gibsonton, FL

MATERIAL SUPPLIER:

R.H. Moore & Associates, Tampa, FL

www.GeoTerraMats.com

PRESTO GEOSYSTEMS® Appleton, Wisconsin USA

Ph: 800-548-3424 | 1-920-738-1328 ▪ E: info@prestogeo.com

GEOTERRA® is a registered trademark of Reynolds Presto Products Inc.



GEOSYSTEMS