

# Lake Down Canal Restoration Project

**Background:** The Lake Down Canal restoration was prompted in 2011 by a large sand bar at the mouth of the Canal, the extensive bank erosion and lack of stormwater treatment .

**Project Status :** Completed

**Commission District:** 1



Recycling of canal sediments using geofilter tubes

## Project Details

**Drainage Basin:** Cypress Creek

**BMP Type:** Berms & Swales

**Targeted Pollutant(s):**  
phosphorous and nitrogen

**Cost:** \$120,733

## Project Description

The dredging project conducted by Antinori Group Inc. during November and December 2011 included the use of hydraulic dredging to restore the water depth at the canal and the on-site recycling of canal sediments with Geofilter Tubes to reduce canal bank erosion and stormwater pollution (i.e. runoff of yard chemicals such as fertilizers, pesticides, and herbicides).

The Lake Down project was an excellent opportunity for a partnership with the local canal residents and to retrofit the properties with berms/swales as part of the process to arrest the degradation of the Butler Chain of Lakes.



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For more information contact Lake Management  
at 407-836-1400