

Project Name: PEPPERTREE CONDOMINIUMS STORMWATER POND RESTORATION

SCOPE:

This project included the dewatering and dredging of two adjacent ponds located within Peppertree Bay Condominiums. Once the ponds were drained, Gator Dredging mechanically removed and disposed of up to 18" of accumulated muck and nuisance vegetation from the two ponds to be restored to original dredge conditions.

Project Location:	Sietsa Key, Florida
Name of Owner:	Peppertree Bay Condominiums
Dates of Construction:	April – June 2010

The pond banks were then reinforced and stabilized with the installation of woven geotextile cloth and limestone rip rap, to re-slope and prevent future erosion of the banks. The geotextile cloth was placed at a width of 15 feet around the perimeter of the ponds, with a two foot layer of (6" – 12") limerock quarry stone centered on the average waterline. Gator Dredging regraded bank slopes to approximately 3:1 and installed over 80 tons of limestone rip rap for additional slope anchoring.



Pond 1 – Existing Conditions



Pond 2 – Existing Conditions



Pond 1 – Post Construction



Pond 2 – Construction Phase



Pond 2 – Post Construction