

Project Name: SHIPWATCH CONDOMINIUMS POND RESTORATIONS

SCOPE:

Shipwatch Yacht and Tennis Community have contracted with Gator Dredging for numerous services including pond restoration, bank stabilization, marina dredge permitting, marina maintenance dredging, storm drain restoration and a five year pond maintenance plan/ feasibility study.

Project Location:	Largo, Florida
Name of Owner:	Shipwatch Condominiums
Dates of Construction:	June 2010 – January 2011

POND RESTORATION

This project included the restoration of three stormwater ponds throughout the Shipwatch community. Approximately 200 cubic yards of sediment was mechanically and hydraulically removed from the three stormwater drainage facilities and disposed of at a permitted upland disposal site.



BANK STABILIZATION

Gator Dredging performed bank stabilization for one of the ponds, within the community, which had a failing bank. This included the installation of approximately 130 linear feet of geotextile liner and rip rap along the eroding portion of the pond bank. The installation of the 6” – 12” rip rap served as reinforcement to the bank slope area.



STORMWATER POND SURVEY & FEASIBILITY STUDY

Gator Dredging performed bathymetric surveys for all fifteen (15) ponds along with sediment thickness measurements. Accumulated sediment volumes were calculated and results and recommendations were prepared based on calculations of current available pond storage capacities versus accumulated sediment volumes. Once the survey was completed, Gator Dredging designed a five (5) year budgetary stormwater collection system maintenance plan for the community.

MARINA PERMITTING/DREDGING

The Engineers at Gator Dredging permitted the removal of approximately 2,400 cubic yards of sediment, located within the marina basin of Shipwatch. The material was hydraulically removed, pumped into custom fabricated dewatering tanks and disposed of at a permitted upland disposal site.

