



Board of County Commissioners

**Shoreline
Alteration/Dredge and Fill Permit
Application**

SADF-16-10-011

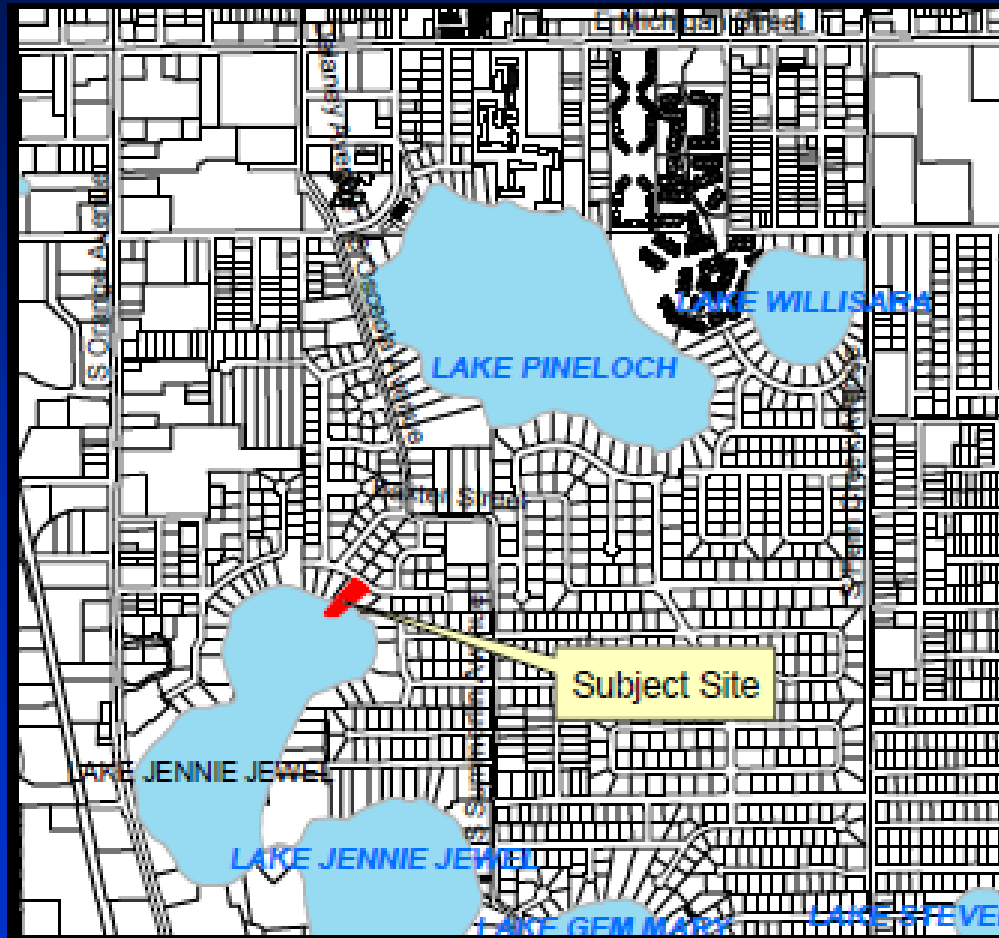
Applicant: Evan Landis

March 21, 2017



Location Map

436 Jennie Jewel Drive



12-23-29-4530-04-010



Aerial

436 Jennie Jewel Drive



12-23-29-4530-04-010



Existing Conditions

Normal High Water Elevation





Site Plan

Evan Landis
436 Jennie Jewel Drive
Orlando, FL. 32806
Parcel 12-23-29-4530-04-101

Lake Jennie Jewel
NHWE 88.57 FT



DOT compliant
Floating Weighted
Turbidity Barrier

NHWE FLAGS

NHWE Line

Shoreline 85 ft across

Wood Deck
Concrete
walkway

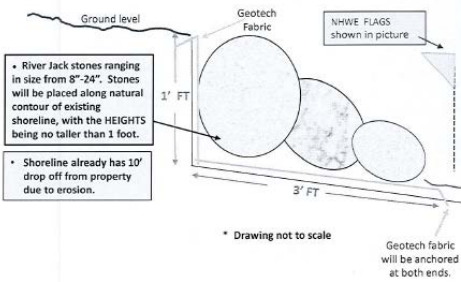
- RipRap wall will follow contour of natural shoreline.
- RipRap wall to comply to 3:1 rule.
- 12" - 24" Nigra Jack boulders will be used to build wall.
- Geotech Fabric will be used to further assist against erosion.

* Drawing not to scale

00CEP0, 16N27201756222

Evan Landis
436 Jennie Jewel Drive
Orlando, FL. 32806

Cross Section
RipRap Seawall
NHWE 88.57



* Drawing not to scale

00CEP0, 16N27201756222



Considerations

- Reviewed the project in accordance with Chapter 15, Article VI. Pumping and Dredging Control.
- There is an existing seawall to the west.
- The current shoreline is experiencing significant erosion.
- EPD is requesting plantings waterward of the proposed rip rap.
- LSP-14-02-011 allowed for clearing of vegetation below the Normal High Water Elevation.
- BD-16-11-116 allowed for construction of a boat dock.



Action Requested

- **Approval of the Shoreline Alteration/Dredge and Fill Permit Application (SADF-16-10-011) for Evan Landis, subject to the conditions listed in the staff report. District 3.**