

Lake Apopka North Shore Interconnect Pumping System

**Harris Council Update
August 2019**

Bob Naleway, PE
Project Manager
Bureau of District Projects and Construction

St. Johns River Water Management District



Project Purpose



- Project provides water quality benefit to Lake Apopka
 - 10% reduction in nutrient load from the North Shore¹
 - Average of 118 lb/yr reduction in phosphorus
- Secondary benefit, improved water management on North Shore

¹ “Duda Parcel Final Design and Construction of Unit 1 Interconnect Pump”, Wood Environment & Infrastructure Solutions, 2018

Project Description



- Design and construct a pumping system to better utilize existing storage on the north shore rather than discharging to the lake
- A 50 cfs pumping system to move water across lake level canal to take advantage of additional storage areas
- Project provides access to an additional 640 million gallons of storage

Current SJRWMD Board-Approved Action

- Design services with Four Waters Engineering for \$121,674.53
- Construction project will bill bid and presented to our Board as well.

Questions?