

Apopka Update
for May 2012 Governing Board

Lake Apopka Marsh Flow-Way Project:

The average flow into the marsh flow-way at Lake Apopka for this period was 85 cfs. This is lower than normal due to low lake levels. Data from March show that the operating cells retained 10,800 kg of TSS/day, 263 kg of TN/day and 8.3 kg of TP/day. The average total phosphorus concentration from the center of the lake was 123 ppb.

Lake Apopka North Shore Restoration:

The District has completed much of the work on the hydrologic interconnect that finalizes the infrastructure needed to manage water in the NSRA, Duda, and Sand Farm system. The final component involves upgrading the Unit 1 pump system to discharge water into a retention area in the southern part of the Sand Farm property. Work should be completed by September 30, 2012. Last year the District began flooding Phase 6 in January and Phase 7 in April. Analyses of quarterly fish samples have indicated safe levels of pesticides for fish-eating birds. The District recently received concurrence from the U.S. Fish & Wildlife Service to re-flood the remaining dry acres in the NSRA. However, re-flooding will be limited by current low water conditions in the Lake Apopka basin.