

Apopka Update  
for May Governing Board

**Lake Apopka North Shore Restoration:**

Construction of levees and cleaning channel in Phase 3 is nearly complete and work has begun on the first culverts. Work in Unit 1 began in February. Completed work consists of removal of old structures and levee construction. The District has received permits from FDEP and the Corps for construction of infrastructure for the hydrologic reconnection phase of work. This work will begin in this fiscal year. Re-flooding began on Phase 2 in May 2009. Initial testing of fish tissue indicates low levels of pesticides. This is important because if this holds for the necessary time period, it confirms that the soil inversion was successful in that area. These Phase 2 data become part of the next biological assessment to flood additional acres.

**Lake Apopka Marsh Flow-Way Project:**

Average flows through the system have increased over the past month to about 137 cfs. Incoming lake water quality has leveled of a bit and performance of flow-way continues to improve since maintenance. Data from March show that the operating cells retained 11,000 kg of TSS/day, 268 kg of TN/day and 13.7 kg TP/day. The most recent total phosphorus concentrations in the lake averaged 100 ppb.