

Apopka Update
for January Governing Board

Lake Apopka North Shore Restoration:

Work began on Phase 3 in October and another work-order was issued during the week of December 14th for infrastructure on Phases 6, 7, & 8. District staff is preparing applications for two more permits allow completion of the infrastructure 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 108 cfs. Maintenance in the flow-way cells is now complete and all cells are operational. Cell C2 was the last cell put into operation. Incoming lake water quality continues to improve and performance of flow-way is improving since maintenance. When lake TP is low, the performance of the marsh flow-way is low, as mass loading to the flow-way is reduced. Data from October show that the operating cells retained 3.9 metric tons suspended solids/day, 76 kg of TN/day and 0.2 kg TP/day. In October, the lake concentration of total phosphorus averaged 76 ppb.