

Apopka Update - SJRWMD
for February Governing Board

Lake Apopka North Shore Restoration:

Construction continues on Phase 3 in the NSRA and a second work-order was issued for construction on Phases 6, 7, & 8 in Unit 1. 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 115 cfs. Incoming lake water quality continues to improve and performance of flow-way is improving since maintenance. Data from December show that the operating cells retained 6.2 metric tons suspended solids/day, 258 kg of TN/day and 9.5 kg TP/day. During December, the water pumped out from the flow-way averaged about 40 ppb TP. Total phosphorus in the lake averaged 80 ppb.