

Sacramento Perch Stocked in McNabney Marsh

On January 21, 2004 five hundred Sacramento perch (*Archoplites interruptus*) were stocked at the south end of McNabney Marsh. Perch were 179 days post hatch and averaged 11.53grams, 68.28mm (SL) and



Sacramento perch 179 dph

80.24mm (TL). Water temperature was 12C. Five bags with 100 perch each were acclimated and released at marked locations. Water depth of 3 of the 5 stockings was 12-18". The other two bags were released on the edge of deeper channels (approx 3').

McNabney Marsh was selected for stocking because it consistently breeds mosquitoes, (*Culex tarsalis* a vector of West



McNabney Marsh

Nile Virus) has historical data on fish populations, and has habitat conducive to

maintaining Sacramento perch populations. This marsh has expansive shallow water areas



Dr. Malamud-Roam with fish bags

that are connected to deep channels which matches the natural habitat for Sacramento perch. We plan to monitor Sacramento perch populations on a monthly basis with baited fish traps set in the general area where perch



Releasing Sacramento perch

were stocked. Monitoring will assist in determining short and long term survival. During peak mosquito breeding we will trap close to locations of larval mosquitoes. A non lethal method of obtaining gut contents will be used to evaluate diet. Reproduction of Sacramento perch will be monitored with larval fish traps Spring/Summer 2005.

