

## **Madera & Friant-Kern Canals Capacity Correction Assessment Status Update – August 2009**

### **Hydraulic Modeling**

#### **In July efforts included:**

- Post-processing of Bathymetry and survey data to convert to a format usable by HEC-RAS models

#### **Issue Encountered:**

- Bathymetry and survey data not syncing with HEC-RAS models
  - Design drawing elevation data used to develop the models were not aligning with standard datums

#### **Actions taken to resolve issue:**

- MWH identified locations from design drawings that were not likely to have changed over time due to subsidence or other issues
- Reclamation surveyed those locations
- MWH compared design drawing elevations with surveyed elevations and was able to select appropriate datum

#### **In August efforts will include:**

- Bathymetric and survey data will be utilized to calibrate and validate models
- Meeting with FWA and MCWPA will take place upon completion of calibration to receive feedback

## **Friant-Kern Canal Reverse Flow Pump-Back Facilities Status Update – August 2009**

#### **In July efforts included:**

- Site visit on July 28, 2009, to review the three authorized reverse flow pumping sites for feasibility studies; also reviewed the White River Check, although this site has not been authorized as of this time

#### **In August efforts will include:**

- Preparing for a Blunt Nosed Leopard Lizard fall survey in case possible impacts at Poso Creek require it prior to construction
- Arranging for TSC Denver to provide support in study coordination and designs
- RFP is out for modeling work required for Reverse Flow feasibility study