

Work Task C12:

Demographics and Post Stocking Survival of Repatriated Razorback Suckers in Lake Mohave

Partners:	Arizona State University (ASU)
Contact:	Tom Burke, LC-8300
Purpose:	Evaluate population and post stocking survival of repatriated razorback suckers in Lake Mohave.
Conservation Measures:	RASU5 and RASU6
Long-term Goal(s):	Develop and maintain a brood stock of 50,000 razorback sucker in Lake Mohave.
FY2006 Estimate:	\$185,000 (\$160,000 to ASU to conduct study; \$25,000 for Reclamation staff for field support & oversight).
FY2007 Estimate:	\$185,000. Same as previous year.
FY2008 Estimate:	\$185,000. Same as previous year.
Project Description:	The LCR MSCP accepted responsibility to complete the Lake Mohave razorback sucker repatriation program, which is attempting to develop a brood stock of 50,000 adult fish. Over 100,000 fish have been reared and repatriated, yet brood stock population estimates remain below 2,000 fish. Study will assess whether this low population estimate is real or a result of monitoring techniques used. Extensive radio and sonic tracking of fish will be used to assess distribution and survival. Demographic modeling will be used to assess population structure. The study is designed as a multi-year, iterative process. Observations and conclusions from first year activities will provide

direction for work in subsequent years. A study plan is available.