

Work Task C49: Investigations of RASU and BONY Movements and Habitat Use Downstream of Parker Dam

FY09 Estimates	FY09 Actual	Cumulative Accomplishment Through FY09	FY10 Approved Estimate	FY11 Proposed Estimate	FY12 Proposed Estimate	FY13 Proposed Estimate
\$0	\$0	\$0	\$0	\$125,000	\$150,000	\$150,000

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Start Date: FY11

Expected Duration: FY13

Long-term Goal: To maintain an effective fish augmentation program.

Conservation Measures: BONY3, BONY 4, BONY5, RASU3, RASU4, and RASU6

Location: Reach 4, Colorado River, between Parker and Palo Verde dams

Purpose: Assess distribution and habitat use of stocked RASU.

Connections with Other Work Tasks (past and future): This work is related to C8 and D8.

Project Description: The upper portions of Reach 4, specifically the area between Headgate Rock and Palo Verde dams, has been considered for years to be some of the best fish habitat along the lower river. This three-year study will evaluate post-stocking survival, movement, and habitat use of RASU and BONY released between Parker and Palo Verde dams. Both species have been stocked into the river below Parker Dam, and both species show low levels of survival. Most of this reach occurs on Colorado River Indian Tribes land and has not previously been examined by LCR MSCP staff.

Previous Activities: This effort is building upon research conducted under C8. RASU and BONY have been stocked below Parker Dam since 2005.

FY09 Accomplishments: This is a new start in FY11.

FY10 Activities: This is a new start in FY11.

Proposed FY11 Activities: The first year of the study will consist of fish surveys, water quality assessments, and sonic tracking. Literature reviews will be conducted and fish sampling data from previous state and federal studies will be reviewed and compiled.

Base mapping of fish habitat will be initiated to provide a template for overlay of field data and development of a habitat use model.

Pertinent Reports: N/A