

Work Task C49: Investigations of RASU and BONY Movements and Habitat Use Between Parker and Palo Verde Dams

FY10 Estimates	FY10 Actual	Cumulative Accomplishment Through FY10	FY11 Approved Estimate	FY12 Proposed Estimate	FY13 Proposed Estimate	FY14 Proposed Estimate
\$0	\$0	\$0.00	\$125,000	\$150,000	\$150,000	\$0

Contact: Jeff Lantow, (702) 293-8557, jlantow@usbr.gov

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 and BONY.

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, maintain the diversity of habitats that were historically common in the lower river; these habitats include backwaters, as well as swift and slow moving riverine habitats. 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.

FY10 Accomplishments: New start in FY11.

FY11 Activities: The study will consist of electro-fishing and trammel net surveys across a variety of habitats, as well as seasonal water quality profiles in areas of known use. Literature reviews will be conducted and fish sampling data from previous state and federal studies will be reviewed and compiled.

Proposed FY12 Activities: Activities from FY11 will continue and will include sonic tracking. RASU and BONY will continue to be stocked as part of the fish augmentation program.

Pertinent Reports: The study design is available upon request and annual reports will be posted to the LCR MSCP website upon completion.