

## Work Task C30: Development and Evaluation of Measures to Reduce Transport of Quagga Mussel During Fish Transfer and Stocking Activities

FY07 Estimates	FY07 Actual	Cumulative Accomplishment Through FY07	FY08 Approved Estimate	FY09 Proposed Estimate	FY10 Proposed Estimate	FY11 Proposed Estimate
\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000

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**Start Date:** FY09

**Expected Duration:** FY11

**Long-term Goal:** Maintain effectiveness of the fish augmentation program.

**Conservation Measures:** BONY2, BONY3, BONY4, BONY5, RASU2, RASU3, RASU4, RASU5, RASU6, and RASU8.

**Location:** Various state and federal hatcheries and laboratories in Boulder City, NV; Willow Beach, AZ; Cornville, AZ.

**Purpose:** To develop and test measures to assure non-transmittal of quagga mussel larvae and adults during the fish transport and stocking activities of the LCR MSCP Fish Augmentation Program.

**Connections with Other Work Tasks (past and future):** This work is related to B2, B3, B4, B5, B6, B7, B10, and B11 as RASU and/or BONY are moved between these sites and the Colorado River. Work began as a literature investigation under G3.

**Project Description:** This study will develop and test means to assure that quagga mussel larvae and adults are not being transported throughout the Colorado River system as a result of the Fish Augmentation Program. The original Fish Augmentation Plan called for capture of wild RASU larvae from Lake Mohave and providing them to Willow Beach NFH (B2), Dexter NFH (B4), and Bubbling Ponds SFH (B5). In addition, RASU larvae and juveniles are transported from Willow Beach NFH to Lake Mead SFH (B6) and to lakeside rearing ponds (B7). BONY are transferred from Dexter NFH to Willow Beach NFH and to Achii Hanyou NFRS (B3), and directly to the river system. Some of these transfers have been halted until such time that assurances can be made that quagga mussel are not being carried along with these fish. This study will attempt to develop measures to allow such certification.

**Previous Activities:** New start in FY08 under G3.

**FY07 Accomplishments:** None.

**FY08 Activities:** See G3.

**Proposed FY09 Activities:** Develop testing apparatus and conduct initial tests of various treatments to prevent transport of quagga mussel larvae and adults.

**Pertinent Reports:** Study plan in preparation.