

I. Project Title: Wahweap Operation and Maintenance

II. Principal Investigator(s):

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III. Project Summary:

Wahweap State Fish Hatchery, located at Big Water, Utah rears bonytail for stocking in the Upper Colorado River Basin for the Upper Colorado River Recovery Program (Recovery Program). Wahweap also maintains a refuge population of razorback sucker brood stock for the Upper Colorado River Recovery Program.

IV. Study Schedule:

On going

V. Relationship to RIPRAP:

General Recovery Program Support Action Plan

IV Manage genetic integrity and augment or restore populations

IV.A. Genetic management

IV.A.4. Secure and manage genetic stocks in refugia

IV.A.4.a Razorback sucker

IV.A.4 Develop basin wide bonytail restoration plan and implement as approved

IV.C. Operate and maintain facilities

VI. Accomplishment of FY 2009 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

- Wahweap Hatchery staff assisted the Recovery Program in staffing the information booth at the Colorado River Water Users Association annual meeting and the Utah Water Users meeting. Staff provided live bonytail for the display and took care of them for the duration of the meetings.
- Wahweap Hatchery personnel assisted the Bureau of Reclamation and National Park Service with Native Fish Aquarium display at the Carl Haden Visitor Center at the Glen Canyon Dam. This tank displays razorback sucker and bonytail chub.
- Wahweap Hatchery stocked or is in the process of stocking 9,639 bonytail during

2009. These fish were as follows:

1. 2,696 pit tagged bonytail stocked in Green River at Jensen, UT*
2. 5,347 pit tagged bonytail stocked in Green River at Green River State Park*
3. 1,596 pit tagged bonytail stocked at Cisco boat ramp on the Colorado River*

*Fish ranged from 175-300mm. All two year old fish spawned to some extent in the hatchery ponds this year. All YOY (approximately 2,200) were moved to new pond for grow out.

- Fish stocked from Wahweap, enumerated above, were tagged in 2009. The fish that were stocked for the Integrated Stocking Plan (10,660 fish) were pit tagged according to the Plan.
- Wahweap received and reared 60,000 bonytail fry from Dexter National Fish Hatchery. Weekly growth of the fish was monitored by capturing fish from the ponds and using a combination of minnow traps, seining, and cast net.
- Wahweap used 60 bonytail from the ponds for the fish disease inspection. Wahweap passed and remains disease free and able to stock fish in Utah. The Utah fish health approval number is DWR09-068.

Colorado River fish remaining on the station in the fall of 2009:

Species	Year class	Number	Size	# Ponds
Bonytail	2008	50	200mm+	1
Bonytail	2009	60,000	100mm+	5
Bonytail YOY	2009	2200	17mm	1
Razorback	Brood	486	Adult	2

VII. Recommendations:

Continue rearing bonytail at Wahweap to meet the stocking needs of the Recovery Program. Maintain razorback backup brood stock. Supply either species as requested by the Recovery Program. Pit tag 10,000 bonytail and stock in the fall.

VIII. Project Status:

On going fish culture.

IX. FY 2009 Budget Status

A.	Funds Provided:	\$237,837
B.	Funds Expended:	\$237,837
C.	Difference:	\$ 0
D.	Percent of the FY 2009 work completed:	100%

- E. Recovery Program funds spent for publication charges: \$ 0
- X. Status of Data Submission (Where applicable): PIT tag data submitted to database manager by January 1, 2010
- XI. Signed: Zane Olsen, Principal Investigator Date 11/12/10