

I. Project Title: Wahweap Operation and Maintenance - Utah

II. Principal Investigator(s):

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III. Project Summary:

Wahweap State Fish Hatchery, located at Big Water, UT rears bonytail for stocking in the Upper Basin system for Utah. Wahweap also maintains the Upper Basins backup razorback sucker brood stock.

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 2008 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

Wahweap Hatchery staff assisted the Recovery Program in staffing their information booth at the Colorado River Water Users Association annual meeting and the Utah Water Users meeting. Staff provided live bonytail to the display and took care of them for the duration of the meetings.

Wahweap Hatchery assisted the BOR and National Park Service with Native Fish display Aquarium at the Carl Haden Visitor Center at the Glen Canyon Dam. This tank is currently displaying razorback sucker.

Wahweap Hatchery stocked or is in the process of stocking 10,729 bonytail in 2008. These fish were as follows:

- 2,741 pit tagged bonytail stocked in Green River at Jensen, UT\*
- 5,336 pit tagged bonytail stocked in Green River at Green River State Park\*
- 2,652 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.

Fish stocked from Wahweap, enumerated above, were tagged in 2008. The fish that were stocked for the Utah Stocking Plan (10,000 fish) were pit tagged according to the Plan.

Wahweap received and reared 20,000 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 also used 120 bonytail that were wild spawn in 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 DWR08-061.

Colorado River fish remaining on the station in the fall of 2008:

Species	Year class	Number	Size	# Ponds
Bonytail	2007	10,000	150mm+	4
Bonytail	2008	20,000	70mm+	3
Razorback	Brood	647	Adult	2

VII. Recommendations:

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

VIII. Project Status:

On going fish culture.

IX. FY 2008 Budget Status

A.	Funds Provided:	\$211,748
B.	Funds Expended:	\$184,914
C.	Difference:	\$ 26,834
D.	Percent of the FY 2007 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, 2009

XI. Signed: Zane Olsen

Principal Investigator

Date 11/12/08