

I. Project Title: **NASRF Operation and Maintenance - Colorado**

II. Principal Investigator(s):

K. David Schnoor
Colorado Division of Wildlife
6655 Ct. Rd. 106 So.
Alamosa, CO, 81101
719-587-3392
email: dave.schnoor@state.co.us

Jenn Logan
Colorado Division of Wildlife
6655 Ct. Rd. 106 So.
Alamosa, CO, 81101
719-587-3392
email: jenn.logan@state.co.us

III. Project Summary:

The J. W. Mumma Native Aquatic Species Restoration Facility (NASRF), located at Alamosa, Colorado currently is rearing bonytails for stocking in the Upper Basin system for Colorado and Colorado Pikeminnow for the San Juan, the Gunnison and the Colorado River.

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.C. Operate and maintain facilities
IV.C.4. Mumma

VI. Accomplishment of FY 2005 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

The Native Aquatic Species Restoration Facility (NASRF) received approximately 10,000 bonytail (BYT) fry on 5/05/04 from Dexter NM. We did not receive any BYT fry from Dexter in 2005. We had adequate survival from the 2003 and 2004 year classes to cover the 2005 stocking schedule. Currently on inventory at NASRF are approximately 1,000 BYT (7/lb) from the 2003 year class and approximately 5,000 BYT (20/lb) from year class 2004. On inventory at Trinidad State Junior College (TSJC) ponds are approximately 6,000 BYT (7/lb) from year class 2004. There are plans to over-winter the 6,000 BYT at the TSJC ponds this year. The bird netting purchased last year will again be installed over the TSJC ponds in an attempt to reduce bird predation.

There were no apparent disease problems at the TSJC ponds in 2004 or 2005. The efforts to exclude tilapia from the ponds worked. Tilapia appeared to be the primary vectors of pathogens in 2003.

NASRF received 10,000 Colorado Pikeminnow (CPM) fry from Dexter NM on 6/03/04. We did not receive any CPM fry from Dexter in 2005. We had adequate survival from the 2003 and 2004 year classes to cover the 2005 stocking schedule. Currently on inventory at NASRF are approximately 4,000 CPM (11.5/lb) from the 2003 year class and approximately 2,900 (11.5/lb) and 4,200 (20/lb) from the year class 2004.

In fiscal year 2004-2005 NASRF stocked a total of 1,493 CPM from year class 2003 into the San Juan River. During the same period, from year class 2003, NASRF stocked 2,580 BYT into the Green River and 2,567 into the Colorado River Palisade to Loma.

Fish losses during the year were due to moving, lethal sampling for fish health inspection, and predation.

Fish stocked from NASRF and TSJC as of September 30, 2005:

Species	Year class 2003	Total
BYT	5,147	5,147
CPM	1,493	1,493

Fish remaining on the station as of Sept. 30, 2005:

Species	Year class	Number	Size	# Ponds/Tanks
Pikeminnow	2003	4,000	11.5/lb	Tanks at NASRF
Pikeminnow	2004	2,900	11.5/lb	Tanks at NASRF
Pikeminnow	2004	4,200	17/lb	Pond 3 at NASRF
Bonytail	2004	5,000	20/lb	Pond 4 at NASRF
Bonytail	2004	6,000	7/lb	TSJC Ponds(1, 2 and3)
Razorback	2001	30	0.8/lb	Ponds 3 at NASRF
Razorback	2001	5	0.8/lb	Ponds # 3 at TSJC

VII. Recommendations:

Continue culturing bonytail and pikeminnow at NASRF to meet the stocking needs of Colorado. PIT tag bonytail and pikeminnow for spring and fall stocking.

VIII. Project Status:

On going fish culture.

IX. FY 2005 Budget Status

We were scheduled to receive approximately \$ 73,000 from the BOR. However, only \$17,000 was to be transferred into our budget and the rest was to come from Colorado's

