

COLORADO RIVER RECOVERY PROGRAM
FY 2014 ANNUAL PROJECT REPORT

RECOVERY PROGRAM
PROJECT NUMBER: 158

I. Project Title: Assessment of larval Colorado pikeminnow presence and survival in low velocity habitats in the middle Green River

II. Bureau of Reclamation Agreement Number(s):

UDWR – R14AP00007; USFWS – R13PG40020

III. Principal Investigator(s):

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IV. Abstract:

This study addressed possible influences nonnative fishes may have on age-0 Colorado pikeminnow as they arrive and mature in backwater nursery habitats. Our main objectives were to confirm the arrival and entrainment of larval pikeminnow into backwaters in the middle Green River, implement a series blocking treatments in selected backwaters following depletion of nonnatives, and finally determine fish community composition throughout the summer. Field work has not been conducted for this project since 2012 as we are in the process of completing an interim report summarizing the first three years of data. Continuation of this project is pending further guidance following associated recommendations.

V. Study Schedule: FY 2009–FY 2018

VI. Relationship to RIPRAP:

GENERAL RECOVERY PROGRAM SUPPORT ACTION PLAN

- III. Reduce negative impacts of nonnative fishes and sportfish management activities (nonnative and sportfish management).
- III.A. Reduce negative interactions between nonnative and endangered fishes.
 - III.A.2. Identify and implement viable active control measures.
 - III.A.2.c. Implement and evaluate the effectiveness of viable active control measures.
 - III.A.2.f. Develop control program for removal of small nonnative cyprinids in backwaters and other low velocity habitats.

GREEN RIVER ACTION PLAN: MAINSTEM

- III. Reduce impacts of nonnative fishes and sportfish management activities (nonnative and sportfish management).
- III.A.4. Develop and implement control programs for nonnative fishes in river reaches occupied by the endangered fishes to identify required levels of control.
- III.A.4.b. Nonnative cyprinids and centrarchids in nursery habitats.
- III.A.4.b.(1) Small nonnative cyprinids from backwaters and other low velocity habitats in the lower Green River.

VII. Accomplishment of FY 2014 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

Tasks 1-3.

Funds were not provided for field portions of this project in FY 2014.

Task 4. Data entry, analysis and reporting.

An interim report summarizing the first three years of field data will be completed (due to the Recovery Program 12/31/2014), thus providing further guidance for the future of this project based on associated recommendations.

Task 5. USFWS –field support for backwater topography.

USFWS provided two boatmen and Jon boats for transporting Argonne’s field crew to survey sites on the Green River. We provided support to Argonne for two weeks in October.

VIII. Additional noteworthy observations: N/A

IX. Recommendations: Pending future analyses and subsequent final reporting.

X. Project Status: On track and ongoing.

XI. FY 2014 Budget Status

- A. Funds Provided: \$27,740.45
- B. Funds Expended: \$27,740.45
- C. Difference: \$0
- D. Percent of the FY 2014 work completed, and projected costs to complete: 100%
- E. Recovery Program funds spent for publication charges: \$0

XII. Status of Data Submission (Where applicable): N/A

XIII. Signed: Matthew J. Breen & Tildon Jones 11/4/2014
Principal Investigator Date

ANNUAL PERFORMANCE PROGRESS REPORT (PPR)

BUREAU OF RECLAMATION AGREEMENT NUMBER: R14AP00007

UPPER COLORADO RIVER RECOVERY PROGRAM PROJECT NUMBER: 158

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Project/Grant Period: Start date (Mo/Day/Yr): 05/01/2014
End date: (Mo/Day/Yr): 09/30/2018
Reporting period end date (Mo/Day/Yr): 09/30/2014
Is this the final report? Yes _____ No X

Performance:

Work was not conducted for Tasks 1-3 in FY 2014 as per our scope of work and Task 5 was the responsibility of USFWS Vernal-CRFP. For Task 4, we will be submitting an interim report summarizing the first three years of field data (due to the Recovery Program 12/31/2014), which will provide further guidance for the future of this project based on associated recommendations.

ANNUAL PERFORMANCE PROGRESS REPORT (PPR)

BUREAU OF RECLAMATION AGREEMENT NUMBER: R13PG40020

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Project/Grant Period: Start date (Mo/Day/Yr): 10/01/2013
End date: (Mo/Day/Yr): 9/30/2015
Reporting period end date (Mo/Day/Yr): 09/30/2014
Is this the final report? Yes _____ No X

Performance:

USFWS completed the data analysis portion of task 4, and the final report is forthcoming in December 2014. USFWS completed task 5, support to Argonne National Lab staff, by providing boat operators and equipment to complete their river field work. This was conducted for two weeks in late September and early October.