

UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

FY 2022 ANNUAL REPORT

PROJECT: 127

Project Title

Monitoring the Colorado Pikeminnow Population in the Mainstem Colorado River via Periodic Population Estimates

Bureau of Reclamation Agreement Number:

R20PG00024

Project/Grant Period:

Start date: 10/01/2019

End date: 09/30/2024

Reporting period end date: 09/30/2022

Is this the final report? Yes _____ No X

Principal Investigator:

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Abstract:

The Interagency Standardized Monitoring Program (ISMP) was developed in 1986 to monitor population trends of Colorado pikeminnow and humpback chub in the Colorado River basin using catch per effort (CPE) indices. ISMP was expanded in 1998 to include mark-recapture population estimates of the major Colorado pikeminnow and humpback chub populations. For Colorado pikeminnow in the upper Colorado River, population estimates were conducted annually during 1991-1994, 1998-2000, 2003-2005, 2008-2010, and 2013-2015. The most recent three-year field sampling effort began in 2019 and was completed in 2021.

Study Schedule:

The data collection period of this study was previously planned to begin collecting data in 2018 and continue through 2020. Due to unforeseen circumstances, field work in 2018 was cancelled. Field work, data input, and annual report writing began in 2019 and continued through 2021. The draft final report of data collected from 2019-2021 is scheduled to be submitted to the program coordinator by the end of 2022.

Relationship to RIPRAP:

Colorado River Action Plan:

Colorado River Mainstem

V. Monitor populations and habitat and conduct research to support recovery actions.

V.D. Estimate Colorado pikeminnow populations in the upper Colorado River.

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Accomplishment of FY 2022 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

In FY 2022, the objective for Project 127 was to complete the draft report. Currently, the draft report is in progress. All data has been entered and checked for accuracy. Data analysis has begun, but the draft report is not yet ready to be submitted to the program coordinator. The current timeline for submitting the draft report to the program coordinator is the end of calendar year 2022.

Additional noteworthy observations:

None. No data was collected in 2022.

Recommendations:

Finish final report as soon as possible.

Project Status:

On Track - The draft report is scheduled to be submitted to the program coordinator by the end of 2022.

FY2022 Budget Status

Funds Provided: \$74,854

Funds Expended: \$74,854

Difference: -\$0-

Percent of the FY 2022 work completed, and projected costs to complete: 100%

Recovery Program funds spent for publication charges: \$0

Status of Data Submission

Not applicable. Data collection did not occur under this project in FY 2022.

Signed:

Darek Elverud

Principal Investigator

11/18/2022