

UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

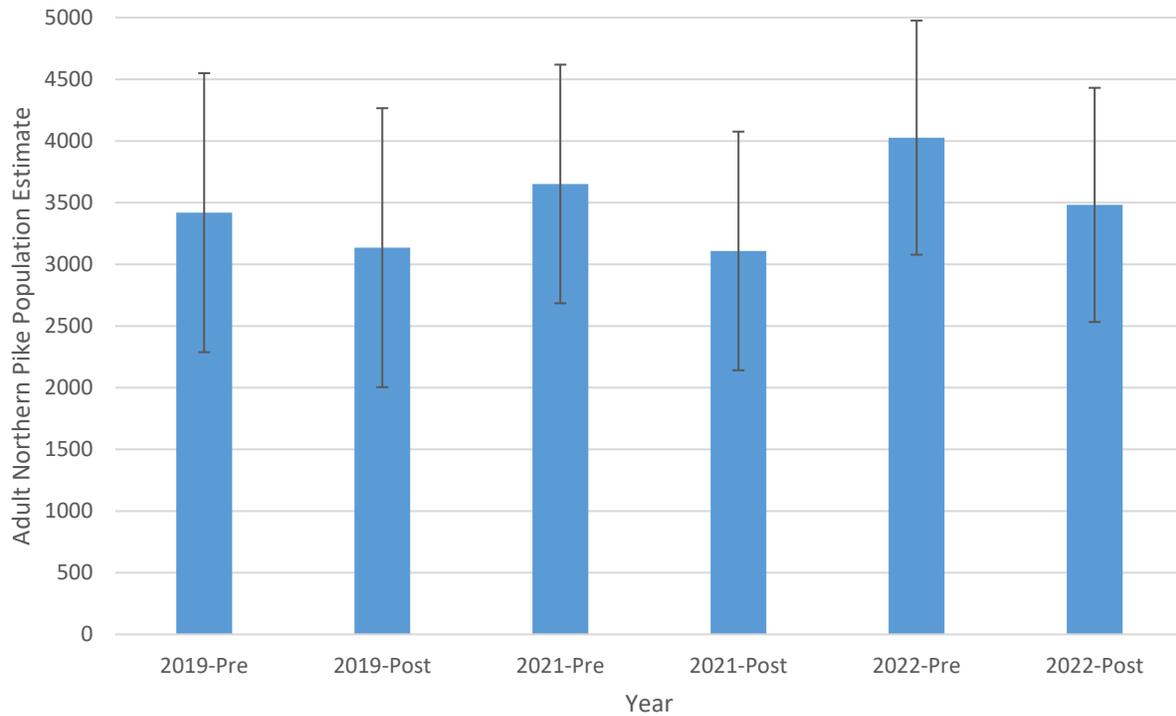


Figure #10.

Adult northern pike (≥ 300 millimeters in total length) population estimates and 95% confidence intervals (represented by the black lines) generated for Elkhead Reservoir prior to (“Pre”) and after (“Post”) the Elkhead Reservoir Fishing Classic for 2019 and 2022. Population estimates after the fishing tournament account for northern pike that anglers harvested during the tournament. Non-standard figure produced by Tory Eyre.

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ANNUAL PERFORMANCE PROGRESS REPORT (PPR)

BUREAU OF RECLAMATION AGREEMENT NUMBER: R17AP00301

UPPER COLORADO RIVER RECOVERY PROGRAM PROJECT NUMBER: 98a

Project Title:

Middle Yampa River nonnative fish management

Bureau of Reclamation Agreement Number:

R17AP00301

Project/Grant Period:

Start date: 09/22/2017

End date: 09/30/2022

Reporting period end date: 11/19/2022

Is this the final report? Yes No

Performance:

This project is one of several designed to facilitate the removal of nonnative northern pike and smallmouth bass within the Yampa River Basin, with an evaluation of the efficiency of such efforts. The study area consisted of the middle Yampa River miles (RM) 170.0-122.0 (spring backwater gill netting) and 134.2 to 50.5 (mainstem electrofishing) which were sampled to capture and remove smallmouth bass and northern pike. Colorado Parks and Wildlife (CPW) and the U.S. Fish and Wildlife Service (USFWS) removed 123 northern pike during spring (April 4th – April 29th) backwater gill netting efforts. CPW and Colorado State University (CSU) removed 182 northern pike during electrofishing efforts which began April 21st and continued through July 9th. The northern pike electrofishing catch rate was 0.41 fish/hour, continuing a downward trend of annual northern pike CPUE (catch per unit effort) since 2019. Please see CSU's 2022 Annual Report for Project #125 for a detailed analysis of smallmouth bass data collected in the study area.