

STUDY PERFORMANCE REPORT

State: Michigan

Project No.: F-80-R-15

Study No.: 230550

Title: Energetics approach to predicting growth, maturation, and fecundity of largemouth bass, bluegill, and walleye

Period Covered: October 1, 2013 to September 30, 2014

Study Objectives (Summary): The overall objective of this study is to enhance our ability to evaluate fish population responses to alternative management actions, including alternative fishing regulations. The general objectives are to conduct laboratory and pond experiments to better understand the strongly density-dependent processes of growth and reproduction, and use the resulting information to improve the ability of simulation models to predict fish population responses.

Summary: Work on this study was delayed due to personnel changes. This study was amended for 2014-15 to provide additional time to develop a study renewal.

Findings: Jobs 13 and 7 were active during this reporting year, and progress is reported below.

Job 13. Title: Write study renewal.—Work on this job was not completed in FY2014.

Job 7. Title: Write annual report.—This annual report was prepared.

Prepared by: Kevin Wehrly

Date: September 30, 2014