

## STUDY PERFORMANCE REPORT

State: Michigan

Project No.: F-80-R-8

Study No.: 230696

Title: Comparison of the recreational fisheries produced by stocking of spring and fall yearling brown trout, Lake Huron.

Period Covered: October 1, 2006 to September 30, 2007

### Study Objective:

- (1) To test the hypothesis that yearling brown trout stocked in fall will contribute more to angler harvest than smaller yearlings stocked in spring in Thunder and Tawas bays, Lake Huron;
- (2) Determine whether the return to creel of fall-stocked brown trout is sufficient to compensate for their higher cost;
- (3) To examine food habits and distribution of yearling brown trout during their first 30 days after stocking.

**Summary:** This was the sixth year of funding for this project. All field work has been completed. During 2007, data were validated and analyzed and the final report was drafted and submitted for publication in the DNR Fisheries Research Report Series.

**Findings:** Only Job 4 was scheduled for 2006-07 and progress is reported below.

Job 4. Prepare final report and give presentations of results.—This work was completed as scheduled and the draft report was submitted for editorial review and publication as a fisheries research report. Presentations of study results have been given to the Lake Huron Basin Team and various other groups engaged in management of fisheries in Lake Huron.

Prepared by: James E. Johnson

Date: September 30, 2007