

## STUDY PERFORMANCE REPORT

State: Michigan

Project No.: F-80-R-7

Study No.: 230487

Title: Performance, survival and production of steelhead strains in tributaries of Lake Michigan and Lake Huron.

Period Covered: October 1, 2005 to September 30, 2006

**Study Objectives:** To evaluate strain performance of winter (Michigan) and summer (Skamania) strains of steelhead. To evaluate the performance of steelhead in six rivers, Lake Michigan and Lake Huron. To evaluate returns of steelhead from upstream and downstream plants in rivers. To describe year-to-year variation in growth and survival of steelhead populations in Michigan. To define the quality, condition, and health of different strains and batches of hatchery-produced fish.

**Summary:** Study fish have recruited to fisheries and have been recovered through volunteer angler returns, Great Lakes and river creel clerks, headhunters hired to look for study fish, and by Department of Natural Resources (DNR) personnel conducting assessment work for other studies. We are focused at this point on analyzing data to meet the objectives stated above and writing final papers for journal submission.

**Findings:** Only Job 8 was scheduled for 2005-06, and progress is reported below.

**Job 8. Title: Analyze data and write report.**—Analyses are progressing and a final report is being prepared to be submitted for publication to the Transactions of the American Fisheries Society during the 2006-07 cycle.

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Date: September 30, 2006