

# PERFORMANCE REPORT

**STATE:** Alaska

**GRANT NO.:** F-10-33

**GRANT TITLE:** Sport Fish Investigations in Alaska

**PERIOD COVERED:** July 1, 2017 - June 30, 2018

**STUDY NO. AND TITLE:** C-3-1 Region III Coordination of Research

## **STUDY OBJECTIVES:**

Project objectives were to:

1. supervise the regional research program such that budgeting, planning, implementation and reporting is achieved in compliance with the DJ/WB contract requirements;
2. prepare and coordinate with the Federal Aid Coordinator all Federal Aid contracts and program amendments;
3. assist in the development of operational plans and assist in the administration of the regional DJ research program;
4. review and edit research reports and other such reports according to Federal and Department format and standards and subsequently prepare and finalize research findings for publication in technical manuscripts; and,
5. participate as needed in the research program, to ensure high scientific standards.

## **RESULTS/DISCUSSIONS:**

### Objectives 1 and 2:

Twelve F-10 and one F-31 DJ projects were coordinated and supervised during the reporting period. Synopses and budgets for 12 FY19 DJ projects were completed in April 2018. One amendment to an FY18 synopsis (Region III Resident Species: F-10-33 R-3-16 NEW) was made.

### Objective 3:

Operational plans were reviewed and completed prior to field activities for all projects. A total of 11 detailed operational plans were completed for Federal Aid projects during this period (10 additional projects are multi-year projects that had operational plans completed in prior years). Project budgets were reviewed with project leaders at the start of the fiscal year and a mid-year audit was conducted to ensure spending was appropriate and within budget parameters.

Objective 4:

For the specific contract objectives, a total of eight technical reports (State of Alaska Fishery Data Series Reports) have been or will be completed. Some of these projects are multi-year endeavors for which final technical reports will be completed at the end of the project. The status of each of the final reports is as follows:

Interior Lake Evaluation of Stocked Waters (F-10-33 E-3-1 and T-10-8): A multi-year report covering sampling from 2014-2016 was completed in Spring 2017. Sample results from 2018 will be in the multi-year report finalized in 2020 covering 2017-2019 sampling.

Behr, A. and K. Mansfield. *In press*. Lake evaluations in Region III, 2014-2016. Alaska Department of Fish and Game, Fishery Data Series No. XX-XX, Anchorage.

Stock Assessment of Gulkana River Arctic Grayling (F-10-33 R-3-15): Field work completed in FY18. Report will be completed in December 2018.

Gryska, A. D. *In prep*. Stock assessment of Gulkana River Arctic grayling, 2017. Alaska Department of Fish and Game, Fishery Data Series No. XX-XX, Anchorage.

Chena and Salcha River Chinook Salmon Escapement Enumeration (F-10-33 S-3-1b): A draft report has been completed and is undergoing peer review. Final report will be finalized by December 2018.

Matter, A. N. and M. Tyers. *In prep*. Chinook salmon escapement in the Chena and Salcha rivers and coho salmon escapemnt in the Delata Clearwater River, 2017. Alaska Department of Fish and Game, Fishery Data Series No. XX-XX, Anchorage.

Kobuk River sheefish (F-10-32 R-3-7b): Field work will be ongoing in FY19 and the finalized report will be completed in Spring 2019.

Yukon River burbot radiotelemetry (F-10-33 R-3-13): Field work ongoing in FY19. Report will be completed in December 2019.

Estimation of Abundance and Yield Potential of Lake trout in Chandler lake (F-10-33 R-3-12): Field work ongoing in FY18 and FY19. Report will be completed in Spring 2020.

Determining Least Cisco spawning locations of Minto Flats summer resident fish and summer locations of Tanana and Chatanika River spawning fish (T-10-10): Field work is ongoing in FY19 and a finalized report will be completed in May 2020.

Copper River Juvenile Chinook Salmon Enumeration (F-10-33 S-3-1a):  
Field work will be ongoing through 2022. A final project report will be written in Spring 2023.

All completed reports were reviewed and edited by the research coordinator and publication technician.

Objective 5

The research coordinator assisted with or made site visits on four of the field projects including:

- Stock Assessment of Minto Flats Northern Pike (F-10-33 R-3-14);
- Copper River juvenile salmon (F-10-33 S-3-1a);
- Chena and Salcha River Chinook Salmon Enumeration (F-10-33 S-3-1b);  
and
- Yukon River burbot radiotelemetry (F-10-33 R-3-13).

**EQUIPMENT:**

We requested, and received, approval to purchase a 175hp outboard motor during this grant period. However, due to funding from another source becoming available, we did not purchase an outboard with the F-10 funding.

**FINAL REPORT STATUS:** This performance report is the final report for project C-3-1 for this reporting period.

**PREPARED BY:** James W. Savereide, Research Supervisor

**DATE:** September 1, 2018