

PROJECT PROGRESS REPORT

PROJECT NUMBER: 3-14-09

RESEARCHER: Ross Tallman

TITLE: Pond Inlet arctic char exploratory fishery analysis: preliminary stock delineation and harvest structure research

ORIGINALLY FUNDED: 2014-2015

NWMB FUNDING: \$10,000

PROJECT SUMMARY: The purpose of this research is to gain a better understanding of potential freshwater sources contributing to the arctic char fishery near Pond Inlet and the degree of mixing (if present) that is occurring in the open-ocean to inform future research on the stock. Specifically, the objectives are: (1) to collect Inuit Qaujimagatuqangit on where Arctic Char fished in the open-ocean may originate from; and (2) to collect genetic samples from the harvest to assess the level of genetic structuring among Arctic char populations from the Pond Inlet region, which will determine if a more in depth study resolving contributions to harvest is warranted and if there are areas where genetic boundaries exist.

FINANCIAL REPORT:

Amount from NWMB:	\$10,000
Amount from Others:	\$30,000
TOTAL	\$40,000
Expenses:	\$40,000
Difference	\$0

COMMENTS: As indicated by the interim report, the project is currently on schedule. Inuit Qaujimagatuqangit was collected in June 2014, and all samples from the summer fishery were collected by September 2014. All samples are being stored at the Fisheries and Oceans Canada office in Iqaluit until genetic analysis can be completed. As indicated in the interim financial report, all of the funds provided by the NWRT have been spent.

RECOMMENDATIONS:

1. NWMB Wildlife staff do not have any recommendations for this reporting period. The project leader has met all of the reporting requirements to date. A final financial report will be required by June 30th 2015 as per the NWRT policy. Project results will be captured in the final project report which is required by September 30th, 2015.

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