

NWT Cumulative Impact Monitoring Program

DEHCHO REGION 2017 SUMMARY



To watch and understand the land so it can be used respectfully forever.

2017 NWT CIMP-FUNDED PROJECTS IN THE DEHCHO REGION

NWT CIMP projects in the Dehcho region address key regional cumulative impact questions. Last year, NWT CIMP provided **\$465,000** to support **16 projects in the Dehcho region**. Approximately **21% (\$98,000)** of this funding was provided to regional and community organizations. This year, six projects will be supported directly in the region in addition to five multi-region projects.

HIGHLIGHTED PROJECTS

Using traditional knowledge of Jean Marie River First Nation Elders to better understand changes in the boreal caribou habitat

CIMP189 – NEW, YEAR 1 OF 1

LEAD

Margaret Ireland, Jean Marie River First Nation
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PURPOSE

To study the cumulative impacts of permafrost degradation and forest fire on boreal caribou habitat and its effects on the community of Jean Marie River.

WHY?

To provide information for use by the community and regulators to manage boreal caribou habitat in the region.

The Northwest Territories Cumulative Impact Monitoring Program (NWT CIMP) provides important environmental information about cumulative impacts and environmental trends to decision-makers and communities. Cumulative impact monitoring is a requirement of settled land claim agreements in the NWT, and the *Mackenzie Valley Resource Management Act*.



Government of
Northwest Territories

Acho Dene Koe First Nation and
cumulative impact qualitative assessment

CIMP190 – NEW, YEAR 1 OF 1

LEAD

Alex Fanni, Acho Dene Koe First Nation
achodenekoe.fanni@northwestel.net

PURPOSE

To assess the potential impacts of development on boreal caribou in
Acho Dene Koe First Nation territory based on science and traditional
knowledge.

WHY?

To provide information for use by the community and regulators to
manage boreal caribou habitat in the region.

Cumulative impacts are changes
in the environment caused by
human activities and natural
processes that accumulate
over space and time. It is
important to understand both
the environmental impacts of
individual developments and
the cumulative impacts of many
developments in a region.

Understanding and predicting fish mercury levels
in the Dehcho region

CIMP154 – YEAR 5 OF 5

LEAD

George Low, Dehcho First Nations
geobarbgeo@hotmail.com

PURPOSE

To predict levels of mercury in fish in Dehcho lakes to inform future
monitoring and possible mitigation.

WHY?

To address community and regulator questions about the safety and
health of country foods.



Lake Trout drying near Trout Lake, NT

Investigating cumulative impacts in the Tathlina Watershed

CIMP149 – YEAR 6 OF 7

LEAD

Melaine Simba, Ka’a’gee Tu First Nation
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PURPOSE

To understand the cumulative impacts of oil and gas development and
climate change on aquatic health in the Tathlina watershed.

WHY?

To address community and regulator questions about the cumulative
impacts of upstream industrial development and environmental change.



Environmental monitors

CONTACT INFORMATION

NWT CIMP is guided by a Steering Committee of
Aboriginal, territorial and federal government
representatives.

DEHCHO REGION REPRESENTATIVE

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FOR MORE PROJECT RESULTS, VISIT

nwtcimp.ca or search for the CIMP project number at
nwtdiscoveryportal.enr.gov.ca

FOR GENERAL PROGRAM INQUIRIES, CONTACT

(867) 767-9233 or **nwtcimp@gov.nt.ca**