

**CIMP Program Update March 31, 2005**  
**Wolverine Harvest Monitoring and Population Health,**  
**Inuvik Region, NWT**

**Project Leader Contact Information:**

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**Summary to date:**

Consultations were done in the communities and a NWT Wildlife Research Permit was issued to initiate carcass collections during the 2004/2005 season. Two regional RWED staff were trained in necropsy procedures by Headquarters RWED staff to ensure consistent methodologies. Eight community fieldworkers were then trained by regional staff to perform the necropsies in the communities. Necropsy kits including a laminated Community Necropsy Guide were developed. The need for storage bins was identified and boxes are being built for the communities with no secure cold storage facilities. To date no wolverine were harvested in Holman or Tsiigehtchic so no assistants were trained in these communities. At this time 36 necropsies have been performed in four different communities. Forty-seven wolverines have been turned in to RWED as of March 31. Further necropsies, data entry and sample analysis is ongoing. Posters and reports will be forwarded when available.

**Deliverables:**

- Carcass tags including a map, sample bag, carcass tags, and program summary sheet provided to HTC's, RRC's – Done, more kits supplied as needed
- Posters summarizing program would be produced each year. – No posters to date.
- Technical reports summarizing the level, distribution, age and sex composition, body condition, disease prevalence, seasonal diet, and reproductive status of wolverine harvest in the Inuvik region (and in collaboration with RWED HQ, NWT wide). – No reports to date
- Experienced Field worker in each community, capacity to store samples – 2 RWED Regional Staff were trained in sampling techniques by headquarters staff to ensure consistency; a total of 8 community field workers were trained in necropsy methodology to date; materials for storage boxes purchased

This is intended to be a long term monitoring program. Carcasses will be collected for an initial period (length will depend on the submission response) and then the program will be reduced to heads, providing sex and age of the harvest. The carcass collection could then be reinitiated periodically to re evaluate population health through reproductive parameters, body condition, diet and parasite loads.

**Expenditures to date:**

<b>Description</b>	<b>Details</b>	<b>Cost</b>
<b>Travel</b>	<b>Consultation/necropsies</b>	
HQ Staff Inuvik		\$1290
Communities	Drove to most	\$1252
	<b>SubTotal</b>	<b>\$2,542</b>
<b>Carcass Collection</b>		
Payment	\$50 per carcass	\$2,350
Wages	Fieldworkers	\$3,021
Sample Kits	Materials	\$2,406
Collection Boxes	Paulatuk, Tuktoyaktuk Aklavik, Ft McPherson	\$1,660
Shipping		\$178
	<b>SubTotal</b>	<b>\$10,365</b>
<b>Analysis</b>		
DNA Analysis		\$4,123
Diet Analysis		
Disease Testing		
Parasite Testing		\$2,500
Aging		
	<b>SubTotal</b>	<b>\$6,623</b>
<b>In Kind</b>		
Salary – RWED staff	Estimate 20 Days	
Vehicle	Travel to communities	
Parks Canada	Use of warehouse in Paulatuk	
<b>Total Costs</b>	(not including In Kind)	<b>\$19,530</b>