

# Final Financial Report

**NWRT Project Number:** 2-14-09

**Project Title:** M'Clintock Channel Polar Bear Genetic Mark-Recapture 2014-2016

**Project Leaders:** Markus Dyck (Polar Bear Biologist II) Department of Environment, Box 209, Igloolik, NU X0A-0L0.

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## Original Project Budget (2014):

Item	Funds (\$K)
Fuel purchase	35
Fuel Caching	105
Fuel drum moving/loading	9
Cabin/base camps set up	12
Field Equipment	12
Survey Helicopters	255
Travel	12
Food&Accommodation	24
Genetic Analyses of Samples	30
Shipping	5
HTO assistants	12
Data manipulation	10
	<b>TOTAL</b>
	<b>521</b>

### Original Proposed Contributions (2014):

Organization	Financial Support 201/15	In-Kind Contributions
GN, Department of Environment	\$316	Personnel time for logistical support, field research, and analyses during 2014 – 2015 FY: Approx. 0.4 PY's
NWMB	\$75	
Environment Canada	\$70	
NGMP	\$30	
WWF	\$30	

### Explanation of Changes:

- (1) GN-DOE contribution reduced initially to \$168,000 but additional GN program money was used to cover the short-fall of \$57,238 (total GN: 225,238).
- (2) Nunavut General Monitoring Program contribution increased to \$55,000.
- (3) World Wildlife Fund contribution increased to \$50,000.
- (4) Environment Canada contribution increased to \$125,000
- (5) PCSP contributed \$48,000 in in-kind

### Financial Report

Budget Item	Budgeted	Disbursed	Variance
Fuel purchase	35,000	35,468	(-468)
Fuel Caching	105,000	211,187	(-106,187)
Fuel drum moving/loading	9,000	3,760	(5,240)
Field Equipment	12,000	14,521	(-2,521)
Cabin/base camp set up	12,000	2,400	+9,600
Survey Helicopters	255,000	239,407	+15,593
Travel	12,000	10,460	+1,540
Food and Accommodation	24,000	24,168	-168
Genetic analyses	30,000	29,362	+638
Shipping	5,000	5,004	(-4)
HTO field assistants	12,000	2,500	+9,500
Data analysis	10,000	0	+10,000

<b>TOTAL (\$)</b>	<b>521,000</b>	<b>578,238</b>	<b>(-57,238)</b>
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Balance, if any, to be returned to NWMB: \_\_\_\_\_\$0\_\_\_\_\_

Balance, if any, to be carried over: \_\_\_\_\_\$0\_\_\_\_\_

**Explanation of Variances:**

- (1) Fuel Caching – Observed variance due to a) an underestimate of hours to be flown for fuel caching, b) increased use of local fuel caching activities via snow machines and sleds because sea-ice conditions did not allow plane use (otherwise the fuel would have been dropped off on the sea ice). In addition, the poor weather conditions did not allow planes to be used as scheduled and they were stuck in communities which contributed to increased unforeseen costs. This cost also includes the in-kind contribution by PCSP that otherwise would have had to be paid, they are actual project costs. This amount also includes the cost (\$39,444.00 or 17.3 hrs) for remobilizing and moving camps from location to location where we needed supplies and camp gear to work from.
- (2) Fuel drum loading/moving: Most drums in communities were in localized and strategic locations so that local snow removal and moving of drums to the airport for caching activities was very effective.
- (3) Field equipment: observed variance due to the purchase of new and up-graded safety field gear; in addition we purchased somewhat more expensive but newly designed marker biopsy darts that will aid in safely marking and sampling when multiple bears are in close vicinity and they cannot be discerned;
- (4) Cabin/Base camp set-up – Observed variance resulted from both camps being in better condition than previously assumed since we did not have an opportunity to inspect all camps prior to the start of the field season.
- (5) Survey Helicopter – Observed variance due to difference in projected hours flown versus actual hours flown: poor weather conditions at beginning of field season and progressing melt reduced the hours we could actually fly.
- (6) Travel, Food & Accommodation – Observed variance resulted from efficient use of funds and schedules.
- (7) HTO field assistants – Observed variance due to weather constraints and delays which resulted in having fewer HTO assistants in the field (also for shorter time intervals) with us as initially forecast.
- (8) Data analyses: observed variance due to the decision to get the initial data quality control done in-house (in part also to stay within the original proposed budget or to minimize expenditures).

I certify that this is an accurate statement of the Board project funds received and disbursed in accordance with the joint contribution agreement.



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Markus Dyck

Project Leader