

Additional authorization and extension requests associated with the “Breeding Ecology of High Arctic Birds” project has also been reviewed by the NIRB following screening of the original project proposal (File Nos. 06YN016 and 06YN024). In each instance the NIRB confirmed that the applications were exempt from the requirement for further screening pursuant to Section 12.4.3 of the NLCA and the activities therein remained subject to the terms and conditions recommended in the original May 15, 2006 Screening Decision Report. A summary of the additional applications associated with NIRB File No. 06YN015 and 06YN024 is presented in Table 1.

Table 1: Additional applications associated with NIRB File No. 06YN015 & 06YN024

| Authorization | Application Received by the NIRB | | | | NIRB Decision | |
|--|----------------------------------|---------------------|-------------------------|--|----------------|---------------------------|
| | Date Received | NIRB File No. | Type | Reason for Application | Date Issued | Type |
| CWS Scientific Research Licence (NUN-SCI-06-01) | April 29, 2008 | 06YN024 | Amendment | Modify project to include research on Cornwallis Island and continue research activities | June 9, 2008 | Reissued May 15, 2006 SDR |
| INAC 068H16 | May 20, 2008 | 06YN024 | New Permit | | | |
| INAC 58E2-1, LUP N2003J0014 | May 21, 2008 | 06YN015 | New Permit | Continue research activities | May 30, 2008 | Reissued May 15, 2005 SDR |
| CWS Scientific Research Licence (NUN-SCI-09-01, NUN-MBS-09-01) | March 18, 2009 | 06YN015 | Renewal | Continue research activities | March 26, 2009 | Reissued May 15, 2006 SDR |
| CWS Scientific Research Licence (NUN-SCI-09-01, NUN-MBS-09-01) | March 18, 2009 | 06YN024 | Renewal | Continue research activities | March 20, 2009 | Reissued May 15, 2006 SDR |
| CWS Scientific Research Licence (NUN-SCI-09-01, NUN-MBS-09-01) | April 3, 2012 | 06YN015 and 06YN024 | Amendment and Extension | Continue research activities | April 16, 2012 | Reissued May 15, 2006 SDR |
| AANDC LUP (N2012N0015) | April 25, 2012 | 06YN015 and 06YN024 | New Permit | Continue research activities | May 14, 2012 | Reissued May 15, 2006 SDR |
| CWS Scientific Research Licence (NUN-SCI-12-04, NUN-MBS-12-03) | April 24, 2013 | 06YN015 and 06YN024 | Extension | Continue research activities | April 24, 2013 | Reissued May 15, 2006 SDR |

Notes: AANDC=Aboriginal Affairs and Northern Development Canada; INAC=Indian and Northern Affairs Canada; LUP=Land Use Permit; CWS=Canadian Wildlife Service; NIRB=Nunavut Impact Review Board; SDR=Screening Decision Report

The current CWS application, the original NIRB Screening Decision Report (File No. 06YN015 & 06YN024) and related file information are available from the NIRB’s online public registry at the following location:

<http://ftp.nirb.ca/01-SCREENINGS/COMPLETED%20SCREENINGS/2006/06YN015-Mark%20Mallory%20-%20Prince%20Leopold%20Island/>

and

<http://ftp.nirb.ca/01-SCREENINGS/COMPLETED%20SCREENINGS/2006/06YN024-Mark%20Mallory%20-%20Cape%20Vera/>.

PREVIOUSLY-SCREENED PROJECT PROPOSAL:

As previously screened by the NIRB (File No. 06YN015 and 06YN024), the “Breeding Ecology of High Arctic Marine Birds” project was located at two sites within the Qikiqtani region; the first being on Prince Leopold Island approximately 200 kilometres (km) southeast of Resolute Bay, and the second at Cape Vera approximately 300 km northeast of Resolute Bay. The Proponent indicated that it intended to monitor populations of seabirds and test for contaminants in their eggs. Both projects are 30 year long-term research projects and occur in May to August annually. In 2012, studies on Ross’s Gull were added to the project as part of the approved Recovery Strategy for the species.

The activities and components associated with the originally screened 06YN015 project proposal included:

- Twin otter used for transportation to and from camp site;
- Up to five personnel staying approximately 10 days at an established camp on Prince Leopold Island; and
- Collect 15 eggs of northern fulmars and 15 eggs of thick-billed murres each field season which would be sent to a southern laboratory for analysis.

The activities and components associated with the originally screened 06YN024 project proposal included:

- Travel to and from Cape Vera via twin otters/helicopters and use existing field camp for up to 10 persons.
- Study reproduction of fulmars and gulls through:
 - Capture up to 50 gulls,
 - Collect a blood sample and swab faeces for analysis at southern laboratory,
 - Attach two satellite and 10 VHF transmitters on selected gulls to track movements, and
 - conduct observational studies.

In 2008 the NIRB assessed the existing camp utilized for the project at Prince Leopold Island (NIRB File No. 06YN024). Additionally in 2008, the proponent requested amendments to the existing license. The activities and components associated with the previous April 29 2008 and May 20, 2008 and May 21, 2008 amendments included:

- Establishment of a new field site(s) on islands in Penny Strait, a small unnamed island north of Cornwallis Island;
- Attach geolocators on the following species annually to track movement of the species: 30 kittiwakes, 30 murres, 15 terns and 10 long-tailed ducks

- Band up to 200 Arctic tern, 100 Sabine's gulls, 100 thick-billed murres, 50 northern fulmars, 50 black-legged kittiwakes, and incidental banding of other species if caught;
- Salvage up to 10 eggs and carcasses annually of murres, fulmars, kittiwakes, terns, glaucous gulls, Sabine's gulls, black guillemots, common eiders, long-tailed ducks, Ross' gulls and Ivory gulls; and
- Collect samples of phytoplankton, zooplankton, small molluscs (clams, snails), jellyfish and worms for analysis of metal in southern laboratory.

The activities associated with the previous March 18, 2009 applications were to renew the CWS Scientific research licenses for two years to continue previously approved research activities.

The activities associated with the previous April 3, 2012 renewal and extension of the *Bird Sanctuary Permit* and *Scientific permit to take salvage or disturb migratory birds* associated with the proposal (06YN015 and 06YN024) include:

- Conduct project activities at an unnamed island near Cornwallis Island; and
- Observe colonies of birds and record food consumption as well as any reactions to people walking, aircraft flying over, and ATV travel on the island to assess at what proximity the birds exhibit behavioural changes.

The April 25, 2012 applications included a request to extend the Aboriginal Affairs and Northern Development (AANDC) Land Use Permit No. N2012N0015 associated with AANDC Land Reserve 068H16001 to continue previously approved research and camp operation activities.

The April 9, 2013 application included a request a two-year extension of Scientific Research Licence No. NUN SCI 12 03 and Bird Sanctuary Access and Salvage Permit No. NUN MBS 12 04 with CWS to continue previously approved research activities through 2014.

CURRENT APPLICATION:

Mark Mallory is currently proposing to extend the Scientific Permit No. NUN SCI-12-03 and Bird Sanctuary Access and Salvage Permit No. NUN-MBS-12-04 with the Canadian Wildlife Service for two years to continue previously approved research activities in 2015 through 2017.

Please note that Section 12.4.3 of the NLCA states that:

“Any application for a component or activity of a project proposal that has been permitted to proceed in accordance with these provisions shall be exempt from the requirement for screening by NIRB unless:

(a) such component or activity was not part of the original project proposal; or

(b) its inclusion would significantly modify the project.”

After completing a review of the information provided in support of the current application, the NIRB is of the understanding that the proposed extension does not change the general scope of the original project activities, and the exceptions noted in NLCA 12.4.3(a) and (b) do not apply.

Therefore, this application is exempt from the requirement for screening pursuant to Section 12.4.3 of the NLCA and the activities therein remain subject to the terms and conditions recommended in the original May 15, 2006 Screening Decision Reports (enclosed).

If you have any questions or require additional clarification, please contact Kelli Gillard, Technical Advisor, at (867) 983-4619 or kgillard@nirb.ca.

Sincerely,

A handwritten signature in black ink that reads "Ryan Barry". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Ryan Barry
Executive Director
Nunavut Impact Review Board

cc: Mark Mallory, Acadia University
Phyllis Beaulieu, Nunavut Water Board
Joel Fortier, Qikiqtani Inuit Association
Tracey McCaie, Aboriginal Affairs and Northern Development Canada

Enclosure (2): NIRB Screening Decision Report, File No.: 06YN015 (May 15, 2006)
NIRB Screening Decision Report, File No.: 06YN024 (May 15, 2006)