# Additional Information Requirements For Airports

Pursuant to Section 5(2) of the *Environmental Impact Assessment Regulation* of the Clean Environment Act, this document is intended to assist proponents in preparing a registration submission for projects involving the above-mentioned sector. It should be read in conjunction with the General Information Requirements as outlined in the latest version of the Registration Guide. Note that the following items are requirements **in addition to** those outlined in the Registration Guide. The information requested in the Registration Guide must also be provided. For further assistance, please contact the Project Assessment and Approvals Branch, Department of Environment at (506)-444-5382.

After reviewing a registration submission, the Technical Review Committee may require other information beyond the items listed below and in the Registration Guide.

Note: If your project involves any of the following components please contact the Canadian Environmental Assessment Agency, Atlantic Region at (902) 426-0564 to determine if your project requires a comprehensive study under the Canadian Environmental Assessment Act: a) an aerodrome located within the built-up area of a city or town, b) construction or decommissioning of an airport, c) an all-season runway with a length of 1 500 m or more, or d) extension of an all-season runway by 1 500 m or more.

## Definition

This guideline applies to all airports proposed within the Province of New Brunswick.

A complete list of potential triggers for project registration is provided in Schedule "A" of the Regulation. To determine if registration is required for a specific project, please contact the Project Assessment and Approvals Branch at the number listed above.

## 1.0 THE PROPONENT

See Registration Guide

## 2.0 THE UNDERTAKING

(v) Siting Considerations:

- Provide a site selection study including appropriate mapping, indicating how the selected site would minimize impacts on areas of natural and cultural significance. The site selection study must also consider how the environment may impact the proposed development. The siting analysis must consider but is not limited to the features listed below. In selecting the

site, the proponent should distinguish between situations where mitigation is possible, versus features where there is no feasible mitigation.

- Environmental features to be considered in the site selection study include but are not limited to the following:

  - agricultural land;
  - acid-generating rock;
  - archaeological resources (known or suspected);
  - commercial/industrial activities;
  - deer yards;
  - ducks unlimited sites;
  - environmentally significant areas;
  - existing airports/heliports;
  - fish hatcheries;
  - hazard lands (flood plains, subsidence risk, steep slopes, etc.);
  - known contaminated sites;
  - forest (mature forest habitats, permanent forest sample plots, tree nurseries/plantations);
  - landfills;
  - migratory bird staging areas;
  - mines;
  - mineral claims;
  - military lands;
  - municipal well fields;
  - protected watersheds;
  - species at risk and other species of conservation concern;
  - residences;
  - towers, antennas, smoke stacks and other obstructions;
  - watercourses;
  - wetlands; and
  - wildlife reserves/game management areas.

(vi) Physical Components and Dimensions of the Project:

Provide a detailed description of the proposed project, addressing the requirements contained in the Registration Guide. For this class of project the required information includes but is not limited to the following:

- Ensure that the site plan indicates all proposed facilities including ancillary features such as parking lots, access roads, lighting facilities, approaches and runways, hangars, water supplies, sewage treatment facilities, aircraft fuelling areas, fuel storage tanks, pumps and lines, associated commercial developments, etc.

- Identify any additional lands that may be acquired to accommodate future run-way extensions or future airport expansion.

(viii) Operation and Maintenance Details:

Provide a detailed description of the proposed project's operation and maintenance characteristics, addressing the requirements contained in the Registration Guide. For this class of project the required information includes but is not limited to:

- Describe anticipated (planned) aircraft traffic volumes on an annual and a daily basis.

- Indicate how emergency services (fire, medical, security etc.) would be provided to the facility.

## 3.0 DESCRIPTION OF THE EXISTING ENVIRONMENT

Include all relevant environmental features as noted in the Registration Guide.

## 4.0 SUMMARY OF ENVIRONMENTAL IMPACTS

All anticipated impacts should be described and discussed. These will depend on the scope and complexity of the project as well as the project location. See the Registration Guide for further information. Examples of impacts resulting from this class of project may include but are not limited to the following:

- Provide an assessment of the potential for interactions between aircraft and birds.

- Provide a detailed predictive analysis of anticipated noise impact of aircraft take-off, landing and taxiing on existing sensitive land uses (e.g. residential, schools, hospitals, recreational lands, etc.). The impact of any anticipated future expansions to the physical plant or aircraft traffic volumes should be considered.

- Provide a detailed analysis of the anticipated impact of runway, control tower and taxiway lighting on migratory birds and existing sensitive land uses.

- Provide an analysis of the potential of aircraft de-icing and runway maintenance and snow clearing activities to affect vegetation and the quality of ground and surface water.

- Provide a run-off management plan indicating how the quality and quantity of storm drainage and snow melt from impervious surfaces will be managed and controlled to ensure no off-site impacts.

- Provide an analysis of the potential impact of the facility on public safety (e.g. risk of injury to adjacent residents due to facility operations).

- Provide a discussion as to how users of the airport will access the facility, including an assessment of increases in road traffic volumes that would result from the proposed facility.

- Provide an assessment of the impact of the airport on air quality including greenhouse gases.

## 5.0 SUMMARY OF PROPOSED MITIGATION

Describe all mitigative measures that will be employed to minimize the potential environmental impacts identified above. These may include but are not limited to the following:

- Spill containment and leak detection features incorporated in any storage tanks or distribution lines for fuel deicing liquid or other toxic substances;

- Preferred flight paths to avoid residential areas or wildlife habitat;

- Limitations imposed on specific flight activities and operating times;

- De-icing fluid recovery and/or recycling plans;

- Wildlife management plans;

- Use of noise barriers, routine maintenance of noise reduction devices on aircraft, spatial separation from sensitive receptors;

- Use of dust suppressants;

- Work progression (stabilization) during construction;

- Environmental Protection Plan(s); and

- An emergency response plan addressing incidents involving aircraft or involving airport security will be required as a condition of approval under the EIA regulation.

## 6.0 PUBLIC INVOLVEMENT

See Registration Guide

## 7.0 APPROVAL OF THE UNDERTAKING

See Registration Guide

## 8.0 FUNDING

See Registration Guide

## 9.0 SIGNATURE

See Registration Guide

## 10.0 SUBMISSION INSTRUCTIONS

See Registration Guide