

# **Environmental Assessment Approval**

**Approval Date:** March 1, 2002

## **Glycol Concentration Handling Facility,**

**Inland Technologies Canada Inc, Proponent**

**Halifax International Airport, Halifax County  
Nova Scotia**

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The Glycol Concentration Handling Facility (the “Undertaking”), proposed by Inland Technologies Canada Inc.(the “Proponent”), Halifax International Airport, Halifax County is approved pursuant to Section 13(1)(b). This Approval is subject to the following conditions and obtaining all other necessary approvals, permits or authorizations required by municipal, provincial and federal acts, regulations, by-laws, guidelines, policies or standards before commencing work on the Undertaking. It is the responsibility of the Proponent to ensure that all such approvals, permits or authorizations are obtained before commencing work on the Undertaking.

This environmental assessment approval is based upon the review of the conceptual design, environmental baseline information, impact predictions, and mitigation presented in the Registration Information.

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### **Terms and Conditions for Environmental Assessment Approval**

#### **1.0 General Approval**

- 1.1 The Environmental Assessment Approval for the project is limited to the project as described in the registration document. Any proposal by the Proponent for expansion, modification or relocation of any aspect of the project from that proposed in the registration document must be submitted to the Environmental Assessment Branch for review and may require an environmental assessment.
- 1.2 The Proponent shall within 2 years of the date of issuance of this approval commence work on the undertaking unless granted a written extension by the Minister.
- 1.3 The Proponent shall not transfer, sell, lease, assign or otherwise dispose of this

approval without the written consent of the Minister.

## **2.0 Facility Development and Operation**

- 2.1 In the event that impacted soils are encountered, the Proponent shall comply with the NSDEL “Guidelines For the Management of Contaminated Sites in Nova Scotia”
- 2.2 The Proponent shall comply with NSDEL’s *Sulphide Bearing Material Disposal Regulations*.
- 2.3 The Proponent shall comply with the *Dangerous Goods Management Regulations*.
- 2.4 The Proponent, as a part of an Environmental Management Plan, and for determination of any requirement for approvals, shall provide NSDEL’s Regional or District Manager, Central Region, with the following information for review and approval, prior to surface disturbance at the site:
  - a) details of a geotechnical investigation of the site
  - b) a copy of the Approval for Distillate Stream Discharge into the Sanitary Sewer System pursuant to HRM By-Law W-101 for this site
  - c) technical details of all secondary and tertiary containment for piping and tankage, including the Modutank
  - d) design details of the Modutank including the type of cover and the durability of the tank materials under climatic conditions at the airport
  - e) details of measures to prevent contamination of the soil, adjacent watercourse, and Bennery Brook
  - f) details of a spill, leak or overflow detection system for use on tankage
  - g) details of the efficiency of and a standard operation procedure for the distillation aeration process, including types and volumes of air emissions produced
  - h) design details of loading and unloading areas that demonstrate spill or drip containment
  - i) details of glycol storage locations, volumes and handling
  - j) details on the disposal of filtration sludges
  - k) details of interim measures to control and treat as necessary runoff from the site during the construction phase
  - l) an erosion and sediment control plan including the type of devices to be employed, their location, maintenance program and contingency plans for device failure
  - m) site plans showing drainage systems, collection controls and storm water controls
  - n) a commitment to provide copies of all effluent monitoring data which is required

- for submission to the HRM
- o) a thorough discussion of glycols, including their properties, fate, transport and effects on any receiving waters
  - p) details of a program to monitor water quality including, but not limited to, surface water, wastewater, and groundwater and/or other features as required by the NSDEL. The frequency of monitoring, location and number of monitoring sites, parameters to be monitored, and the duration of monitoring must be approved by the NSDEL.
  - q) details of a plan to mitigate acid drainage, or discharges affecting water quality, or other impacts, should water monitoring show these are occurring.

### **3.0 Archaeological and Cultural Resources**

- 3.1 The Proponent shall notify the Nova Scotia Museum and the Executive Director of the Confederacy of Mainland Mi'kmaq immediately upon discovery of an archaeological site or artifact unearthed during construction or operation.

### **4.0 Air Quality and Noise**

- 4.1 The Proponent shall comply with NSDEL's Sound Level Limits.
- 4.2 No burning of vegetation shall occur on site.
- 4.3 All construction equipment is to be operated with standard noise suppression exhaust systems and kept in good repair.
- 4.4 The Proponent shall monitor noise and/or dust at the request of the NSDEL's Regional or District Manager, Central Region.
- 4.5 Petroleum products shall not be used as a dust suppressant.

### **5.0 Contingency Plan**

- 5.1 As part of the application for the Part V Approval under the *Environment Act*, the Proponent shall provide an acceptable contingency plan, for the entire facility, that meets NSDOE's Contingency Plan Criteria for Releases of Dangerous Goods and Hazardous Wastes, March 1990, or equivalent, that addresses accidental occurrences. Personnel shall receive appropriate Emergency Response Plan training to deal with emergencies.

## **6.0 Site Reclamation**

- 6.1 The Proponent shall provide the Regional or District Manager, Central Region, NSDEL with a finalized abandonment plan three months prior to the permanent shut down of the undertaking.

Original signed by:

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Minister of Environment and Labour