

Nova Scotia Environment and Labour

Environmental Assessment Approval

Approval Date: Original dated December 2, 2003

Waste Dangerous Goods Drum Storage Facility

Quantex Technologies Incorporated

Dartmouth,

Halifax Regional Municipality, Nova Scotia

The temporary storage of drums of waste dangerous goods (the "Undertaking"), proposed by Quantex Technologies Incorporated (the "Proponent"), 25 Akerley Boulevard, Dartmouth, Halifax Regional Municipality, 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.

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. Plans for any proposed extension, expansion, modification or relocation of any aspect of the Undertaking from that proposed in the registration document shall be submitted to the Environmental Assessment Branch for review and may require an environmental assessment.
- 1.2 Unless granted a written extension by the Minister, the Environmental Assessment Approval shall expire within two years of the date of its

issuance unless the Proponent commences work on the Undertaking by the end of the two year period.

- 1.3 The Proponent shall implement all mitigation and commitments in the Registration Document, unless approved otherwise by Nova Scotia Environment and Labour or as indicated in the attached terms and conditions.
- 1.4
 - a) The Proponent shall not transfer, sell, lease, assign or otherwise dispose of this approval without the written consent of the Minister.
 - b) The sale of a controlling interest of a business or a transfer of an approval from a parent company to a subsidiary or an affiliate is deemed to be a transfer requiring consent under 1.4(a) of these Terms and Conditions.

2.0 Facility Operation

- 2.1 The Proponent shall not store more than 20,500 litres of waste dangerous goods at the facility at any one time unless otherwise approved by the District Manager of the Nova Scotia Environment and Labour (NSEL), Environmental Monitoring and Compliance Division, Bedford Office.
- 2.2 The Proponent shall not store polychlorinated biphenyls, biomedical waste or explosives at the facility.
- 2.3 The drums shall be stored in a secure facility and sheltered from precipitation.
- 2.4 Waste Dangerous Goods shall not be removed from the drums except for testing or inspection, or without prior approval from the District Manager of the Nova Scotia Environment and Labour (NSEL), Environmental Monitoring and Compliance Division, Bedford Office.
- 2.5 The Proponent shall provide to the NSEL, Environmental Monitoring and Compliance Division, Bedford Office, for approval, a facility abandonment plan three months prior to the permanent shut down of the facility.
- 2.6 The Proponent shall comply with all applicable requirements of the Nova Scotia *Dangerous Goods Management Regulations*.
- 2.7 As part of the application for the Part V Approval or amendments to the

existing Part V Approval under the *Environment Act*, the Proponent shall provide the following:

- a) a detailed layout of the facility including construction materials of floors, roof and walls, dimensions, details of secondary containment and other pertinent features.
- b) details, specifications and drawings of the site and building layout identifying the location of secondary containment structures, the storage location of each waste material, drains and sewers and other pertinent features.
- c) the anticipated volumes of each waste type which will be stored and shipped on a monthly and yearly basis, including laboratory chemicals.
- d) Material Safety Data Sheets for each waste type.
- e) a description of all alarms and controls including but not limited to monitoring systems to detect explosive gases and controls to prevent the potential freezing and rupture of the drums of waste dangerous goods.

3.0 Contingency Plans

- 3.1 As part of the application for the Part V Approval or amendments to the existing Part V Approval under the *Environment Act*, the Proponent shall provide an acceptable contingency plan that addresses accidental occurrences, including but not limited to contingencies for spills during storage and transportation, procedures for responding to incidents occurring during times when the facility is not staffed (eg. evenings, weekends, holidays).
- 3.2 As part of the application for the Part V Approval or amendments to the existing Part V Approval under the *Environment Act*, the Proponent shall provide an acceptable contingency plan that addresses short or long-term disruptions in the ability of the Proponent to transport waste dangerous goods from the facility, including but not limited to, labour disruptions and short or long-term disruptions at the processing centres in Ontario.
- 3.3 The Proponent shall provide within 60 days of issuance of this approval a

contingency plan that addresses fire at the facility to be reviewed and approved by the Halifax Regional Municipality's Fire and Emergency Service.

4.0 Transportation

- 4.1 The Proponent shall notify the NSEL, Environmental Monitoring and Compliance Division, Bedford Office, of any spill of waste dangerous goods during transportation or storage.

Original signed by

Kerry Morash
Minister of Environment and Labour