

Appendix "A"

Executive Summary

Maple Leaf Construction Ltd. Requires the use of a concrete plant to satisfy the requirement for product on various construction projects.

The plant is a Thoroughbred concrete batch plant, manufactured by Stephens Manufacturing Company, Tompkinsville, KY.

ENVIRONMENT ACT PROPOSAL FORM

Maple Leaf Construction Ltd.

DESCRIPTION OF THE DEVELOPMENT:

- i) Certificate of Title showing the owner(s) and legal description of the land upon which the development will be constructed; or (in the case of highways, rail lines, electrical transmission lines, or pipelines) a map or maps at a scale no less than 1:50,000 showing the location of the proposed development;

Maple Leaf Construction Ltd. is applying for a Class 1, Environment Act License respecting the use of a concrete batch plant for use at their existing yard site located at the South East corner of Brookside Blvd. and Jefferson Ave.

- ii) Name of the owner of mineral rights beneath the land, if not the same as that of the surface owner;

Maple Leaf Construction Ltd.

- iii) Description of the existing land use on the site and on land adjoining it, as well as changes that will be made thereto for the purposes of the development;

Existing land use is consistent with that required for the operation of a concrete batch plant.

- iv) Land use designation for the site and adjoining land as identified in a development plan adopted pursuant to *The Planning Act* or *The City of Winnipeg Act*, and the zoning designation as identified in a Zoning By-Law, if applicable;

Maple Leaf Construction Ltd. will comply with the Planning Act or The City of Winnipeg Act where required.

- v) A description of all previous studies and activities relating to feasibility, exploration, or project siting and prior authorization received from other government agencies;

N/A

- vi) A description of the proposed development (including site plans), and the method of operation and hours of operation;

Materials ; Concrete powder and Fly ash, Aggregate, Ad Mixture, Water.

Operational Procedure; Sand and stone are loaded into a hopper and carried up a conveyor belt into a storage hopper, concrete powder and fly ash are stored in silos, admixtures are stored in poly holding tanks. All products and water are scaled/metered as per mix design and batched into a mixer truck. Once loaded the mixer truck mixes the concrete mix as per mix design prior to unloading.

Maple Leaf Construction Ltd. will comply with any applicable local by-laws respecting the method of operation and hours of operation. Normal operation would be during daylight hours during the paving season which typically starts in May and ends in November.

- vii) An identification of any storage of gasoline or associated products (e.g. diesel fuel, used oil, heating oil, AV

gas, solvents, isopropanol, methanol, acetone, etc.);

The concrete plant will be powered by direct hydro connection.

viii) A description of the potential impacts of the development on the environment, including, but not necessarily limited to:
- type, quantity and concentration of pollutants to be released into the air, water or on land;

The Concrete Batch Plant will operate between May and November. Emissions released into the air may include the following:

- a. Minimal dust during the loading of concrete transit mixer trucks;**
- b. minimal dust from the aggregate in stockpile;**

This concrete batch plant is equipped with a dust collection system on the cement silo to eliminate any dust emissions during the loading of the cement silo.

There may be minimal to no impact upon:

- **wildlife;**
- **fisheries;**
- **surface water and groundwater;**
- **forestry;**
- **heritage resources; and**
- **socio-economic implications.**

ix) A description of the proposed environmental management practices to be employed to prevent or mitigate adverse implications from the impacts identified in viii) which will have regard to, where applicable: containment, handling, monitoring, storage, treatment, and final disposal of pollutants; conservation and protection of natural or heritage resources; environmental restoration and rehabilitation of the site upon decommissioning; and protection of environmental health.

The MHCA, Redi-Mix Concrete Facilities, Best Environmental and Safety Management Practice, see above, provides details on the methods to reduce pollutants and minimize environmental impact.

SCHEDULE:

The proposed date of commencement of construction, commencement of operation, including staging of the development and termination of operation, if known.

The Concrete Batch Plant will operate between May and November.

FUNDING:

Name and address of any Government Agency (Federal, Provincial or otherwise) from which a grant or loan of capital funds have been requested, where applicable.

There are no grants or loans from any Government Agency.
