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## **SECTION 1.0 INTRODUCTION**

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Maple Leaf Foods Inc. is currently planning for the introduction of its second processing shift per day, at the Maple Leaf Pork processing plant in Brandon, Manitoba to take place over the calendar years 2003 and 2004. The second shift is licenced under Manitoba Environment Act Licence No. 2311 S2R. That Licence restricts operation of the Maple Leaf Pork processing plant to 1-shift per day until the City of Brandon's IWWTF has received an Environment Act operating licence authorizing that facility to accept the wastewater generated by a 2-shift operation of the Maple Leaf Pork processing plant.

Introduction of the second shift provides an opportunity for operational improvements to the Waste Water Pretreatment system that forms part of the Maple Leaf Foods Inc.'s Pork Processing Plant. The description of these changes and their environmental impact assessment are presented under separate cover together with the expansion of the City of Brandon's Industrial Waste Water Treatment Facility (IWWTF). This is in accordance with Manitoba Conservation's "Advice Document for the Preparation of an Environmental Act Proposal and Environmental Assessment for an Alteration to the City of Brandon's Industrial Wastewater Treatment Facility."

This Notice of Alteration addresses the areas requiring alterations to accommodate the second shift shown in the colour-coded Drawing No. Layout 3 and includes the following areas:

- Additional holding pens (Red)
- Cooler area (Purple)
- Carcass load-out area (Green)
- Shipping area (Orange)
- Freezer area (Pink)
- Other internal/external plant modifications.

A clean-up shift (in future, the third shift of the day) will continue after the second shift is completed each day. Up to the introduction of the second shift, the clean-up shift has followed completion of the one-shift operation each production day in addition to a clean-up shift on the weekend.

The proposed alterations will not take place simultaneously, but will be spread out over three years or more as plans become final and budgets are approved. Initial work will consist of construction of additional holding pens, expansion of the cooler area including a final carcass load-out area and the temporary carcass load-out area. Later, work will consist of the expansion of the shipping and freezer areas that is likely to occur several months after. Other internal plant modifications will take place over roughly the same time period.

This report addresses each of these areas as a combined Notice of Alteration under the Manitoba Environment Act. The report begins by describing the request for alterations together with the rationale for each alteration; and is followed by an assessment of the potential environmental impacts and proposed mitigative measures to restrict the effects of those impacts, if any. The report ends with a summary of the requests forming this Notice of Alteration.