Maple Leaf Foods Inc.
10 Canning Street
Brantford, ON  N3T 1P1

Toxics Reduction Plan
for
Ammonia (CAS # NA-16)
Particulate 2.5 (CAS # NA-M10)

May 23rd, 2014
Facility Information

1. Substance: Ammonia (CAS # NA-16) Particulate 2.5 (CAS # NA-M10)

2. NPRI Identification no.: 10615

3. Legal Name and Address: Maple Leaf Foods Inc.
   10 Canning Street
   Brantford, ON N3T 1P1

4. Full Time Employees: 170

5. NAICS: 311990

6. Company Contact: Brent Holmes
   Plant Manager
   10 Canning Street
   Brantford, ON N3T 1P1
   (519) 751-8116

7. Technical Contact: Patrick Huynh
   Manager, Environmental Projects
   6985 Financial Drive
   Mississauga, ON L5N 0A1
   (905) 285-5721

8. Plan Coordinator: Patrick Huynh

9. Plan Preparation: Patrick Huynh

10. Highest Ranking Official: Brent Holmes

11. Plant Location (UTM):
    Zone 17
    Easting 601008
    Northing 4829488

    30 St. Clair Avenue West
    Toronto, ON M4V 3A2
Statement of Intent

Maple Leaf Foods Inc. (MLF) is committed to reducing the use, creation, or transfer of toxic substances in its process where technically and economically feasible.

Objective

The objective of Toxics Reduction Plan is to

- Identify the toxic substances used, created, or transferred
- How they are used, created, or transferred
- Where they are used, created, or transferred
- How their use, creation, or transfer can be reduced or eliminated

Description of Substances Use or Creation

MLF operates a meat preparation, cooking and packaging at 10 Canning Street, Brantford (Ontario).

- Ammonia is a refrigerant used to cool the manufacturing process and facility as shown in Figure 1. The ammonia circulates through a closed-loop system in several thermodynamic states. It is not created, released, transferred, destroyed, disposed or contained in product.

- Particulate 2.5 is created as a by-product of combustion processes where natural gas is used as fossil fuel such as boilers and oven (see Figure 2).

Contents of Plan Summary Reflects Plan

- This Plan Summary for ammonia and particulate 2.5 accurately reflects the Toxics Reduction Plan dated May 23rd, 2014.

Toxic Substance Reduction Options to be Implemented

There are currently no reduction options that have been identified for these substances.
Certification by Highest Ranking Employee

As of **May 27, 2014**, I, Brent Holmes, certify that I have read the toxic substance reduction plan and am familiar with its content, and to my knowledge the plan is factually accurate and complies with the *Toxic Reduction Act, 2009* and *Ontario Regulation 455/09 (General)* made under that Act.

Ammonia (CAS # NA-16)
Particulate 2.5 (CAS # NA-M10)

[Signature]
Brent Holmes
Plant Manager
Maple Leaf Foods Inc.

Date
**May 27, 2014**

Toxics Substance Reduction Planner

As of **May 30, 2014**, I, Patrick Huynh, certify that I am familiar with the process at Maple Leaf Foods Inc.'s Brantford facility that use or create the toxic substances referred to below, that I agree with the estimates referred to paragraph 7 iii, iv and v of subsection 4(1) of the *Toxic Reduction Act, 2009* that are set out in the plan dated May 23rd, 2014 and that plan complies with that Act and *Ontario Regulation 455/09 (General)* made under that Act.

Ammonia (CAS # NA-16)
Particulate 2.5 (CAS # NA-M10)

[Signature]
Patrick Huynh, TSRP #6249
Manager, Environmental Projects
Maple Leaf Foods Inc.

Date
**May 30, 2014**