



NESTLE CANADA INC.

**TOXIC SUBSTANCE REDUCTION
PLAN SUMMARY – 2012 Operations – Phase II**

AMMONIA (TOTAL)

Submitted to:

Brand Barber
Manager, Engineering Services
Nestle Canada Inc.
980 Wilton Grove Road
London, Ontario
N6A 6C5

Submitted by:

AMEC Americas Limited
900 Maple Grove Road, Unit 10
Cambridge, ON
N3H 4R7

Date

December 19, 2013

Project Number

TR1213041

TOXIC REDUCTION POLICY STATEMENT OF INTENT

Nestle is committed to protecting the environment. Wherever feasible, we will eliminate the discharge of ammonia in full compliance with all federal and provincial regulations. Our employees are encouraged to participate in all types of reduction activities. The toxic substances associated with Nestle Canada Inc. - London operations are associated with the production support and are not ingredients in the products. Reducing the discharge and disposal of these toxic substances will be an ongoing consideration at Nestle, in addition to being environmentally responsible it also indicates improved efficiencies in our processing operations. Options that are both technologically and economically viable will be implemented at our facility.

REDUCTION OBJECTIVES

Nestlé is committed to environmental sustainability in its productions and products. These objectives and behaviours are encapsulated in the simple phrase, “Good Food, Good Life”, a phrase that sums up our corporate ambition. Nestle delivers this ambition through the concept of “Creating Shared Value” where compliance with all applicable legal requirements and the *Nestle Corporate Business Principles* is incorporated with the principle of sustainable development and embedded in our activities, brands and products.

Nestle is committed to:

- full compliance with all applicable legal environmental requirements and our internal requirements where specific environmental legislation is non-existent or insufficient;
- the continual improvement of the environmental performance of our activities, products and services and prevention of pollution through the *Nestle Environmental Management System (NEMS)* which complies with the international ISO 14001 standard;
- the systematic assessment and optimisation of environmental impacts in the design of new and renovated products;
- the responsible sourcing of ingredients, packaging materials and other goods and services from suppliers who comply with the *Nestle Supplier Code* and demonstrate continual improvement of their environmental performance.

Manufacturing practices to reduce the occurrence of off-specification production as well as maximizing reformulation or recycling, as well as minimizing spill potentials and emissions to the environment are not only core to environmental sustainability but also key factors to remaining a financially viable operation.

The toxic compound identified and evaluated in Phase II – Toxic Reduction requirements (Total Ammonia) is a key component to the supporting operations involved in the manufacturing of frozen food products. At this point there is no other technologically and economically feasible option to replace the ammonia refrigeration system. Therefore, Nestle will continue to use ammonia in the refrigeration system, but will continue to research other options as they become available.

PLAN SUMMARY STATEMENT

This plan summary accurately reflects the content of the toxic substance reduction plan for ammonia (total), prepared on behalf of Nestle Canada Inc., and dated 19 December 2013.

BASIC FACILITY INFORMATION

Company Name: Nestle Canada Inc.

Contact Information:

Highest Ranking Employee: Len van Norden
Factory Controller
519-680-4004
Len.vannorden@ca.nestle.com

Technical Contact: Brand Barber
Manager, Engineering Services
519-680-0400
Brand.barber@ca.nestle.com

Certified Planner: Beth Rhyno P.Eng.
License Number TSRP0273
Compliance Team Leader
AMEC Americas, Environment & Infrastructure
519-650-7100 ext. 6105
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Parent Company: Nestle Canada Inc.
100% ownership

Facility Address: 980 Wilton Grove Road
London, Ontario
N6A 6C5

UTM Locator (NAD83): Zone - 17
483648E; 4752927N

Business Number: 119360063

The facility's NPRI ID: 7182

In 2012, Nestle Canada Inc. – London facility, employed about 350 full time employees (equivalent).

The NAICS codes applicable to the facility are:

31	Manufacturing
3115	Dairy Product Manufacturing
311520	Ice Cream and Frozen Dessert Manufacturing

The site creates/releases two (2) MOE prescribed Toxic compounds: ammonia and PM₁₀.

Ammonia and PM₁₀ follow different flows throughout the facility. Therefore, a separate specific plan was created for each substance.

The CAS number for the MOE Toxic Compound included in this plan is:

Ammonia (Total)	NA-16
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CERTIFICATION OF HIGHEST RANKING EMPLOYEE

As of 19 December 2013, I, Len van Norden, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Ammonia (Total) NA-16

Len van Norden
Factory Controller
Nestle Canada Inc.

CERTIFICATION OF LICENSED PLANNER

As of Dec 19, 2013, I, Beth Rhyno, certify that I am familiar with the processes at Nestle Canada Inc. that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated Dec 19, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Ammonia (Total) NA-16

Beth Rhyno, P.Eng.
Licensed Toxic Reduction Planner (Ontario): License Number TSRP0273
Compliance Team Leader
AMEC Americas, Environment & Infrastructure