TOXICS SUBSTANCE REDUCTION PLAN SUMMARY

Dufferin Concrete, a division of Holcim (Canada) Inc. – Burlington Plant

3087 Harrison Court
Burlington, ON
L7R 3X4

www.holcim.ca

December 2013

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1. Introduction

The Dufferin group of companies started in the early 1900's as Dufferin Construction Company Ltd based on Dufferin Street in Toronto. Dufferin Concrete, a division of Holcim (Canada) Inc., produces a variety of custom concrete mixes to meet technical specifications for commercial, industrial, institutional, and residential construction customers. We provide specialized services and technical support to meet the unique challenges of construction in Canada such as cold-weather concreting, as well as specific applications such as underwater concreting. Dufferin Concrete is committed to the principles of sustainability. This involves building a business by safeguarding the environment, fostering vibrant communities, protecting our employees, serving our customers and shareholders and nurturing the interests of future generations.

Holcim (Canada) Inc. is one of the country's largest vertically integrated building materials and construction companies. With 3,000 employees, Holcim (Canada) Inc. manufactures cement, aggregates and ready-mix concrete and provides construction services to many of Canada's largest infrastructure projects.

Holcim (Canada) Inc. is a member of Holcim Group, a Swiss-based multinational with operations in more than 70 countries worldwide. A leading global brand, Holcim is recognized for its long-term financial performance, its environmental leadership, corporate social responsibility and sustainable construction.

2. Reporting Criteria

Section 3(1) of the Toxics Reduction Act (TRA) specifies the criteria requiring the preparation of a toxic substance plan.
These criteria are as follows:

> *3. (1) The owner and the operator of a facility shall ensure that a toxic substance reduction plan is prepared for a toxic substance in accordance with this Act and the regulations if all of the following criteria are met:*
> *1. The facility belongs to a class of facilities prescribed by the regulations.*
> *2. The number of persons employed at the facility exceeds the number of persons prescribed by the regulations.*
> *3. The toxic substance is used or created at the facility and the amounts of the substance that are used or created meet the criteria prescribed by the regulations.*
> *4. Such other criteria as are prescribed by the regulations. 2009, c. 19, s. 3 (1).*

Section 4(1) of O. Reg. 455/09 specifies the types of facilities subject to toxic substance reduction planning and includes facilities that begin in North American Industry Classification System (NAICS) code “31”, “32” or “33” and “212”. Dufferin Concrete – Burlington Plant operates under the category of “Ready-Mix concrete manufacturing”, and therefore has a NAICS code beginning with “32”.

The Dufferin Concrete Burlington Plant was required to develop a Toxics Reduction Plan for the following substance:

- PM10 - Particulate Matter <= 10 Microns

3. General Facility Information

3.1 Company Information

Parent Company Name	Holcim (Canada) Inc.
Parent Company Address	2300 Steeles Ave. West, 4th Floor Concord, Ontario L4K 5X6
Facility Name	Dufferin Concrete - Burlington
Facility Address	3087 Harrison Court Burlington, ON L7R 3X4
Geographic Coordinates of Facility	Zone: 17, Easting: 596613.5, Northing: 4807148.8
National Pollutant Release Inventory Identification Number	7011
Two Digit North American Industry Classification System (NAICS) Code	32 – Manufacturing
Four Digit North American Industry Classification System (NAICS) Code	3273 - Cement and Concrete Product Manufacturing
Six Digit North American Industry Classification System (NAICS) Code	327320 – Ready-Mix concrete manufacturing
Number of Full-time Employee Equivalents at the Facility	36

3.2 Contact Information

Facility Public Contact	Maria Topalovic, Environmental Coordinator 2300 Steeles Avenue West, 4th Floor Concord, Ontario L4K 5X6 905-532-3232 maria.topalovic@holcim.com
Technical Contact	Maria Topalovic
Coordinator	Maria Topalovic
Highest Ranking Employee	Tony Petrasso, Plant Manager 3087 Harrison Court Burlington, ON L7R 3X4 905 319-1357 tony.petrasso@holcim.com
Toxics Reduction Planner	Greg Zilberbrant, Environment Manager 2391 Lakeshore Road West Mississauga, ON L5J 1K1 905-822-1653 ext. 4371 greg.zilberbrant@holcim.com License Number: TSRP0045

4. Toxic Substances

This summary is an accurate reflection of the Dufferin Concrete Burlington Plant's Toxics Reduction Plan.

4.1 Statement of Intent

The Burlington Plant does not intend to reduce the use of PM10 as it is not technologically feasible at this time; however the facility is fully committed to maintaining low levels of particulate matter emissions through the use of secondary controls such as baghouse filters, dust collectors, preventative maintenance routines, and fugitive dust best management practice plans.

4.2 Description of Substances

Particulate matter (PM10) enters the concrete manufacturing process through raw materials (aggregates and cementitious materials). These materials inherently contain particulate matter predominantly originating from sand, gravel, limestone and slag. These raw materials are essential to the production of concrete.

The tracking of particulate matter in concrete manufacturing is a relatively straight forward exercise, where the amount of particulate matter entering the process through aggregates and cementitious materials ends up leaving the process as either contained in product or released into air. There is no creation or destruction of particulate matter in our operations.

While the Burlington Plant does not intend to reduce its use of particulate matter, it will continue to examine the conditions under which particulate matter is used in its processes and will explore reduction opportunities.

5. Options to be implemented

The Burlington Plant does not intend to implement any options identified as they are not technically feasible; however as identified in the statement of intent, the plant is fully committed to maintaining low levels of particulate matter emissions through the use of secondary controls that are already implemented at the plant.

Certification Statements

Highest Ranking Employee

As of December 9, 2013, I Tony Petrasso, 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.

- PM10 - Particulate Matter <= 10 Microns

Signature

TONY PETRASSO.

Toxic Substance Reduction Planner

As of December 9, 2013, I Greg Zilberbrant, certify that I am familiar with the processes at The Dufferin Concrete Burlington Plant 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 December 9, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under the Act.

- PM10 - Particulate Matter <= 10 Microns

Signature

TSKP0045

License Number