



## **2014 TOXICS SUBSTANCE REPORT**

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

**7655 Woodbine Avenue  
Markham, ON  
L3R 2N4**

**[www.holcim.ca](http://www.holcim.ca)**

# Table of Contents

<b>1.</b>	<b>INTRODUCTION</b>	<b>3</b>
<b>2.</b>	<b>REPORTING CRITERIA</b>	<b>4</b>
<b>3.</b>	<b>COMPANY INFORMATION</b>	<b>5</b>
<b>4.</b>	<b>SUBSTANCE REPORTING</b>	<b>6</b>



# 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 – Markham Plant operates under the category of “Ready-Mix concrete manufacturing”, and therefore has a NAICS code beginning with “32”.

In addition to the plan, toxics substance reporting must be conducted annually and a summary of this report must be made available for public viewing. This document summarizes the toxic substances reported as part of the TRA for the year ending 2014 by Dufferin Concrete’s Markham Plant.

- PM10 - Particulate Matter <= 10 Microns

### 3. Company Information

<b>Parent Company Name</b>	Holcim (Canada) Inc.
<b>Parent Company Address</b>	2300 Steeles Ave. West, 4 <sup>th</sup> Floor Concord, Ontario L4K 5X6
<b>Facility Name</b>	Dufferin Concrete - Markham
<b>Facility Address</b>	7655 Woodbine Avenue Markham, ON L3R2N4
<b>Geographic Coordinates of Facility</b>	43.83020N, -79.35280E
<b>National Pollutant Release Inventory Identification Number</b>	7033
<b>Two Digit North American Industry Classification System (NAICS) Code</b>	32 – Manufacturing
<b>Four Digit North American Industry Classification System (NAICS) Code</b>	3273 - Cement and Concrete Product Manufacturing
<b>Six Digit North American Industry Classification System (NAICS) Code</b>	327320 – Ready-Mix concrete manufacturing
<b>Number of Full-time Employee Equivalents at the Facility</b>	31
<b>Facility Public Contact</b>	Paul Zappa Plant Manager 7655 Woodbine Avenue Markham, ON L3R2N4 416-678-2346 paul.zappa@holcim.com

## 4. Substance Reporting

PM 10				
Substance Name and CAS Number*: PM10 - Particulate Matter <= 10 Microns				
	2014 (tonnes)	2013 (tonnes)	Diff (tonnes)	Diff %
<b>Used</b>	20388.60	17933.69	+2454.91	+13.69
<b>Created</b>	0	0	0	0
<b>Contained in Product</b>	N/A**	N/A**	N/A**	N/A**
<b>Released</b>	1.10	0.96	+0.14	+14.22
<b>Destroyed</b>	0	0	0	0
The changes in the quantities of substance used and released are due to an increase in production levels.				

\* No single CAS RN applies to this substance.


\*\*Quantification for the amount of the substance that is contained in product is not required for Criteria Air Contaminants (Part 4 of NPRI Schedule 1).

# Certification Statement

## Highest Ranking Employee

As of June 1, 2015, I, Paul Zappa, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

- PM 10- Particulate Matter  $\leq$  10 Microns



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Signature

PLANT MANAGER  
Title of HRE