



**Mars Canada Inc.
Bolton Site**

**Toxic Substance Reduction Plan Summary
Particulate Matter 2.5 μm (PM_{2.5})**

December 31, 2013

Version 1



Basic Facility Information

Facility Identification and Site Address		
Company Name	Mars Canada Inc.	
Facility Name	Food and Pet Food Plants	
Facility Address	Physical Address:	Mailing Address: (if different)
	37 Holland Drive Bolton, ON L7E 5S4	Same as physical address
Spatial Coordinates of Facility	Zone: 17 T Easting: 601434.03 Northing: 4857915.11	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum.</i>
Number of Employees	210	
NPRI ID	0000010152	
Parent Company (PC) Information		
PC Name & Address	Mars Canada Inc.	37 Holland Drive Bolton, ON L7E 5S4
Percent Ownership for each PC	100%	
Business Number for PC	101586972	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	31 (Manufacturing)	
4 Digit NAICS Code	3111 (Animal Food Manufacturing)	
6 Digit NAICS Code	311111 (Dog and Cat Food Manufacturing)	
Company Contact Information		
Facility Public Contact	Debbie Hemphill, <i>Safety, Environment & Security Manager</i>	<i>Contact Address if different from facility address</i>
	debbie.hemphill@effem.com	Same as facility address
	Phone: (905) 857-5780 ext: 2350	
	Fax: (905) 857-5585	
Planner Responsible for Making Recommendations and Certification	Christina Wright, <i>Environmental Compliance Specialist</i>	License Number: TSRP0041

1.0 PLAN SUMMARY STATEMENT

This toxic substance reduction plan summary for Particulate Matter $2.5\ \mu\text{m}$ ($\text{PM}_{2.5}$) (CAS# N/A) accurately reflects the content of the toxic substance reduction plan prepared by Mars Canada Inc.'s Bolton Site, dated December 31, 2013.

2.0 LIST OF OTHER SUBSTANCES FOR WHICH PLANS HAVE BEEN PREPARED

The Site has also prepared a reduction plan for Particulate Matter $\leq 10\ \mu\text{m}$ (PM_{10}).

3.0 CERTIFICATIONS

Certifications by the Highest Ranking Employee with Management Responsibilities (HRE) at the Mars Canada Inc. Bolton Site and the licensed Toxic Substance Reduction Planner are attached.

4.0 STATEMENT OF INTENT AND OBJECTIVES

4.1 Statement of Intent

Mars Canada Inc. is committed to operating in an environmentally responsible manner that meets all federal and provincial regulations. $\text{PM}_{2.5}$ is not used at the Facility. It is created when it becomes air borne during production processes, as well as material storage and handling. It is also created from fuel combustion. No technically and economically feasible reduction options to reduce the creation of $\text{PM}_{2.5}$ were identified.

Therefore, the Mars Canada Inc. Bolton Site does not intend to reduce the creation of $\text{PM}_{2.5}$ at this time.

4.2 Objectives

The objective was to identify feasible reduction options. The Mars Canada Inc. Bolton Site was unable to identify any reduction options which were both technically and economically feasible.

5.0 DESCRIPTION OF SUBSTANCE

$\text{PM}_{2.5}$ is not used at the Facility. It is created when it becomes air borne during production processes, as well as material storage and handling. It is also created from fuel combustion.

6.0 RATIONALE FOR NOT IMPLEMENTING REDUCTION OPTIONS

The Mars Canada Inc. Bolton Site was unable to identify any reduction options which were both technically and economically feasible, therefore no reduction options will be implemented.

As of December 30, 2013, I, Colin Mackie, 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.

Particulate Matter $\leq 10\mu\text{m}$ (PM₁₀)

Particulate Matter $\leq 2.5\ \mu\text{m}$ (PM_{2.5})



Colin Mackie
Site Director

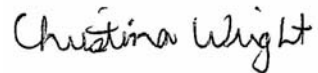
24/12/13

Date

As of December 30, 2013, I, Christina Wright certify that I am familiar with the processes at Mars Canada Inc.'s Foods and Pet Food Plants 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 31, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Particulate Matter $\leq 10\mu\text{m}$ (PM_{10})

Particulate Matter $\leq 2.5\mu\text{m}$ ($\text{PM}_{2.5}$)



Christina Wright
Toxic Substance Reduction Planner
License No. TSRP0041

December 30, 2013

Date