

**NESTLÉ CANADA INC.**  
**STERLING ROAD FACTORY**  
72 Sterling Road, Toronto, Ontario M6R 2B6

# **Toxic Reduction Act 2013 Public Report**

**Toxics Reduction Act & Ontario Regulation 455/09**

May 26, 2014

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## Toxic Reduction Act – 2013 Public Report Toxics Reduction Act & Ontario Regulation 455/09

Facility Name: Nestlé Confectionary, a division of Nestlé Canada Inc., (Nestlé)  
 Address: 72 Sterling Road, Toronto, Ontario, M6R 2B6  
 NPRI Identification Number: 7250  
 Two Digit NAICS Code: 31  
 Four Digit NAICS Code: 3113  
 Six Digit NAICS Code: 311330 Confectionary Manufacturing from Purchased Chocolate  
 Number of Full-time Employees: ~ 442  
 UTM Spatial Coordinates: (NAD83-Zone17) 625462 mN: 4834439 mE (front door)

Owner/Operator: Nestlé Canada Inc.  
 Address: 25 Sheppard Avenue West, Toronto, M2N 6S8  
 (100% ownership)

Substance 1: Particulate Matter equal or less than 10 microns (PM10 – CAS# NA-09)  
 Substance 2: Particulate Matter equal or less than 2.5 microns (PM2.5 – CAS#NA-10)  
 Substances (TRA Phase 2) are created from fuel combustion, maintenance welding, cooling towers, dust collectors.

### *Public Contact*

Name: Mike Perpete, Facility Manager  
 Address: 72 Sterling Road, Toronto, Ontario, M6R 2B6  
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### **TRA Summary Table**

Quantities of the Substance Used, Released, etc. are presented in ranges per MOE guidance with a comparison to last year, as required by O. Reg. 455/09.

Nestle Confectionary - Sterling Road, Toronto - 2013 / 2012 TRA Substance Accounting

			Used tonnes	Created tonnes	Percent Change	Transformed tonnes	Released tonnes	Percent Change	Recycled tonnes	Disposed tonnes	Contained in Product tonnes
PM10	NA-09	2012	-	1 - 10	-	-	1 - 10	-	-	-	-
		2013	-	1 - 10	-10.4%	-	1 - 10	-10.4%	-	-	-
PM2.5	NA-10	2012	-	1 - 10	-	-	1 - 10	-	-	-	-
		2013	-	1 - 10	-10.9%	-	1 - 10	-10.9%	-	-	-

There was no change in the method or combination of methods used to track and quantify the toxic substance during the previous calendar year. There were no incidents out of the normal course of events in 2013. There was no significant process change at the facility during the

previous calendar year. The quantification of 2013 data includes production decrease and reduction achievements impacts.

## Description of Options and Timetable

The plan for substance reduction, the options included, the timetable for implementation and the achievements over the reporting period (2013) are shown in the following table;

Implementation Steps and Timetable

Equipment	Option Type*	Option	Implementation Step	Timetable	Air Release Reduction				Completed
					PM10 (t/yr)	Percent	PM2.5 (t/yr)	Percent	
Boilers (2)	3.	Economiser heat recovery	Engineering Design	Aug. 2013	0.010	5%	0.003	5%	
			Supplier Selection	mid-Oct. 2013					
			Order Submitted	end Oct. 2013					
			Installation Contract offer	end Nov. 2013					
			Installer Selected	Dec. 2013					
			Installation	Jan. 2014					
			Operational	Feb. 2014					
Cooling Towers (3)	3.	Install side stream filtration for sump tank	Engineering Design	Mar. 2015	0.630	85%	0.378	85%	
			Supplier Selection	mid-May 2015					
			Order Submitted	end May 2015					
			Installation Contract offer	end June 2015					
			Installer Selected	July 2015					
			Installation	Aug. 2015					
			Operational	Sept. 2015					
Silos (3)	3.	Decommissioned	Completed	end 2012	0.019	37%	0.013	37%	end 2012
Dust Collector (1)	2.	New formulation will not produce dust	Assess new formulation	end Mar. 2016	0.213	100%	0.145	100%	
			Begin Decommissioning	Apr. 2016					
			Disconnect mech./elec.	Apr. 2016					
			Clean-out equip.	May 2016					
			Relocate to storage	May 2016					
			Place on co. Intranet for sale	June 2016					
			<b>TOTALS</b>						
<i>Additional Activities outside the Plan</i>									
Dust Collectors (2)	3.	Decommissioned	Completed	end 2012	0.168	100%	0.114	100%	end 2012
<b>GRAND TOTALS</b>					<b>1.040</b>	<b>58%</b>	<b>0.653</b>	<b>60%</b>	

\*2. Product Design or Reformulation

\*3. Equipment or Process Modification

Total Reduction (2013)			
PM10	0.187	10.3%	
PM2.5	0.127	11.7%	

The facility met its Toxic Substance Reduction Plan targets for 2013 and reduced its creation and release and creation of PM10 by 0.187 tonnes (10.3%\*) and its release and creation of PM2.5 by 0.127 tonnes (11.7%\*).

\* - Percentage based on 2013 totals.

TOXIC SUBSTANCE REDUCTION PLAN REPORT 2013

NESTLE CONFECTIONARY, NESTLE CANADA INC., TORONTO, ON

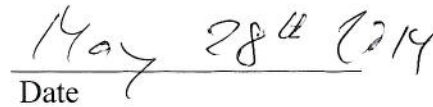
As of May 26, 2014, I, Werner Dudler, certify that I have read the toxic substance reduction plan report 2013 for the toxic substances referred to below and am familiar with its contents, and to my knowledge the report is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

[PM10, PM2.5]



Werner Dudler

Factory Manager / Nestle Confectionary, Nestle Canada Inc. – Toronto  
(Highest Ranking Employee)



Date