

## Toxic Substance Plan Summary and Certification

**Company Name:** Green Mountain Coffee  
Roasters Canada  
Holdings

**Address:** 400 Steeprock Drive  
Toronto, ON

**Number of  
Employees** 173  
**NAICS Code** 311920

**UTM Spatial  
Coordinates** 43.75940  
-79.47114  
**NPRI ID #** 00000011909  
**Ontario MOE ID**

**Facility Public  
Contact  
Position** Olivier Charboneau  
Supply Chain  
Sustainability Specialist

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**Toxic  
Substances** **CAS #**  
PM 2.5  
PM 10

## Toxic Reduction Policy Statement of Intent

PM10 and PM2.5 is currently created at Green Mountain Coffee Roasters Canada Holdings during their coffee handling and roasting operations. GMCR intends to reduce the creation of these toxic substances at the facility. This facility does not use PM10 and PM2.5; therefore this plan will not address reducing its use.

## Reduction Objectives

Green Mountain Coffee Roasters Canada Holdings is passionate about innovation and has a strong sense of responsibility to build a resilient supply chain, create sustainable products, and give back to the communities there connected to around the world. They intend to improve the world through their business — Brewing a Better World Together.

GMCR will strive to reduce the creation of the toxic PM 10 and 2.5. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

### **Description of Substances**

The GMCR facility purchases green coffee from growers located around the world, roasts the coffee, grinds it and then packages the roasted coffee for final use.

Green coffee beans are brought on site and roasted to various finishes which create different flavours. The roasted coffee beans grinded and packaged into single serve Kcups or packaged as whole beans.

PM10 and PM2.5 is created on site during the handling, roasting and cooling of coffee beans.

### **Toxic Substance Reduction Option to be Implemented**

Green Mountain Coffee Roasters Canada Holdings has completed a Toxic Substance Reduction Plan for their Toronto facility and this plan has examined various options for the reduction in the creation of PM10 and PM2.5. Of the four (4) options developed and assessed in the plan, none of the options were found to be technically and economically feasible. As a result there will be no options implemented.

### **Plan Summary Statement**

Green Mountain Coffee Roasters Canada Holdings has completed a Toxic Substance Reduction Plan for their Toronto facility and this plan has examined various options for the reduction in the creation of PM10 and PM2.5. Of the four (4) options developed and assessed in the plan, none of the options were found to be technically and economically feasible. As a result there will be no options implemented.

### Certification by Highest Ranking Employee

As of February 24, 2014, I, Glenn Nicodemus, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

**Toxic Substances:**

PM2.5

PM10



February 24, 2014

Glenn Nicodemus

### Certification by Licensed Planner

As of February 24, 2014, I, Stewart McLellan certify that I am familiar with the processes at Green Mountain Coffee Roasters that use or create the toxic substances 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

**Toxic Substances:**

PM 2.5- Plan Dated February 24, 2014

PM 10- Plan Dated February 24, 2014



February 24, 2014

Stewart McLellan, C.E.T

Toxic Substance Reduction Planner, TRSP0257

Cardinal Environmental Consulting Services Ltd.