

## TRA PLAN SUMMARY – ETHANOL

### BASIC FACILITY INFORMATION

<b>Name &amp; CAS # of Substance</b>	Ethanol	64-17-5
<b>Substance for which other Plans have been prepared</b>	PM10 PM2.5	NA NA
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	Mondelez Canada Inc.	
<b>Facility Name</b>	Lakeshore Bakery	
<b>Facility Address</b>	2150 Lakeshore Blvd West Toronto, ON M8V 1A3	
<b>Spatial Coordination of Facility</b>	622478m Easterly 4831377m Northerly	
<b>Number of Employees</b>	450	
<b>NPRI ID</b>	7205	
<b>Parent Company (PC) Information</b>		
<b>PC Name &amp; Address</b>	Mondelez International	
<b>Percent Ownership for each PC</b>	(100% owned)	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	31-33 - Manufacturing	
<b>4 Digit NAICS Code</b>	3113 – Bakeries and Tortilla Manufacturing	
<b>6 Digit NAICS Code</b>	311821- Cookie and Cracker Manufacturing	
<b>Company Contact Information</b>		
<b>Facility Public/Technical Contact</b>	Shannon Jones, SSE Director	
	Shannon.jones@mdlz.com	
	Phone: (289)-374-4261	
	Fax: (416)-503-6203	
<b>Person who Prepared the Plan: (if different from the Coordinator)</b>	Kaitlin Ryan, P.Eng	
	Conestoga-Rovers & Associates Limited 651 Colby Drive, Waterloo ON N2V 1C2	
	<a href="mailto:kryan@crawlworld.com">kryan@crawlworld.com</a>	
	Phone: (519) 884-0510	
<b>Highest Ranking Employee</b>	Peter DiPonio, Plant Manager	
	Peter.diponio@mdlz.com	
	Phone: (416)-503-6000	
	Fax: (416)-503-6203	

Planner Information:	
Planner Responsible for Making Recommendations	Kaitlin Ryan, P.Eng
	Conestoga-Rovers & Associates Limited 651 Colby Drive, Waterloo ON N2V 1C2
	Planner License No: TSRP0009
	<a href="mailto:kryan@croworld.com">kryan@croworld.com</a>
	Phone: (519) 884-0510
Planner Responsible for Certification	Kaitlin Ryan, P.Eng (Licence TSRP0009)
	<a href="mailto:kryan@croworld.com">kryan@croworld.com</a>
	Phone: (519) 884-0510
	Fax: (519) 884-0525

## TOXIC REDUCTION POLICY STATEMENT OF INTENT

The Mondelez Canada Inc. (Mondelez) Lakeshore Bakery facility (Facility) uses and creates ethanol in five processes. The Facility does not intend to reduce the creation or use of this toxic substance at the Facility.

## REDUCTION OBJECTIVES

Mondelez produces high quality products in an environmentally responsible manner. The Lakeshore Facility closed permanently in September 2013. As a result of the shutdown the Facility was unable to identify or implement any reduction options.

## DESCRIPTION OF FACILITY

Mondelez produces cookies, biscuits and crackers. The manufacturing process consists of mixing equipment, cutting machines, ovens and packaging equipment.

The North American Industry Classification System (NAICS) Code that applies to this Facility is 311821 – Cookie and Cracker Manufacturing.

In 2012, the Facility operated their manufacturing process 24 hours per day, 7 days per week for 50 weeks per year.

## TOXIC SUBSTANCE REDUCTION OPTIONS

After looking into the seven categories of toxic substance reduction options, no options were identified. Explanations are provided in the table below to detail why an option could not be identified in each category.

<i><b>Toxic Substance Reduction Category</b></i>	<i><b>Option: Identification and Description</b></i>
1) Materials or feedstock substitution	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under material substitution.
2) Product design or reformulation	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under product design.
3) Equipment or Process Modification	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under process modification.
4) Spill and Leak prevention	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under spill and leak prevention.
5) On-site reuse or recycling	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under on-site reuse or recycling.
6) Improve inventory management or purchasing techniques	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under improved inventory management techniques.

<b><i>Toxic Substance Reduction Category</i></b>	<b><i>Option: Identification and Description</i></b>
7) Training or improved operating practices	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under improved operating practices.

## **PLAN SUMMARY STATEMENT**

This plan summary accurately reflects the content of the toxic substance reduction plan for Ethanol.

## **CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

Attached.

## **CERTIFICATION BY LICENSED PLANNER**

Attached.

## 2.0 PLAN CERTIFICATIONS

### **CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of December 4, 2013, I, Peter DiPonio 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.

Ethanol

Particulate Matter <10µm

Particulate Matter <2.5µm



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Peter DiPonio  
Plant Manager  
Mondelez Canada- Lakeshore Bakery

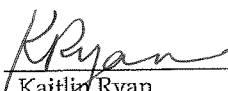
### **CERTIFICATION BY LICENSED PLANNER**

As of December 4, 2013, I, Kaitlin Ryan, certify that I am familiar with the processes at Mondelez Canada 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 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Ethanol

Particulate Matter <10µm

Particulate Matter <2.5µm



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Kaitlin Ryan  
Licensed Toxic Reduction Planner, License # TSRP0009  
Conestoga-Rovers & Associates Limited

## TRA PLAN SUMMARY – PARTICULATE MATTER <10µm

### BASIC FACILITY INFORMATION

<b>Name &amp; CAS # of Substance</b>	PM10	NA
<b>Substance for which other Plans have been prepared</b>	Ethanol PM2.5	64-17-5 NA
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	Mondelez Canada Inc.	
<b>Facility Name</b>	Lakeshore Bakery	
<b>Facility Address</b>	2150 Lakeshore Blvd West Toronto, ON M8V 1A3	
<b>Spatial Coordination of Facility</b>	622478m Easterly 4831377m Northerly	
<b>Number of Employees</b>	450	
<b>NPRI ID</b>	7205	
<b>Parent Company (PC) Information</b>		
<b>PC Name &amp; Address</b>	Mondelez International	
<b>Percent Ownership for each PC</b>	(100% owned)	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	31-33 - Manufacturing	
<b>4 Digit NAICS Code</b>	3113 – Bakeries and Tortilla Manufacturing	
<b>6 Digit NAICS Code</b>	311821- Cookie and Cracker Manufacturing	
<b>Company Contact Information</b>		
<b>Facility Public/Technical Contact</b>	Shannon Jones, SSE Director	
	Shannon.jones@mdlz.com	
	Phone: (289)-374-4261	
	Fax: (416)-503-6203	
<b>Person who Prepared the Plan: (if different from the Coordinator)</b>	Kaitlin Ryan, P.Eng	
	Conestoga-Rovers & Associates Limited 651 Colby Drive, Waterloo ON N2V 1C2	
	<a href="mailto:kryan@crawlworld.com">kryan@crawlworld.com</a>	
	Phone: (519) 884-0510	
<b>Highest Ranking Employee</b>	Peter DiPonio, Plant Manager	
	Peter.diponio@mdlz.com	
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	Fax: (416)-503-6203	

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	Phone: (519) 884-0510
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	Phone: (519) 884-0510
	Fax: (519) 884-0525

## TOXIC REDUCTION POLICY STATEMENT OF INTENT

The Mondelez Canada Inc. (Mondelez) Lakeshore Bakery facility (Facility) creates PM10 in six processes. The Facility does not intend to reduce the creation of this toxic substance at the Facility.

## REDUCTION OBJECTIVES

Mondelez produces high quality products in an environmentally responsible manner. The Lakeshore Facility closed permanently in September 2013. As a result of the shutdown the Facility was unable to identify or implement any reduction options.

## DESCRIPTION OF FACILITY

Mondelez produces cookies, biscuits and crackers. The manufacturing process consists of mixing equipment, cutting machines, ovens and packaging equipment.

The North American Industry Classification System (NAICS) Code that applies to this Facility is 311821 – Cookie and Cracker Manufacturing.

In 2012, the Facility operated their manufacturing process 24 hours per day, 7 days per week for 50 weeks per year.

## TOXIC SUBSTANCE REDUCTION OPTIONS

After looking into the seven categories of toxic substance reduction options, no options were identified. Explanations are provided in the table below to detail why an option could not be identified in each category.

<i><b>Toxic Substance Reduction Category</b></i>	<i><b>Option: Identification and Description</b></i>
1) Materials or feedstock substitution	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under material substitution.
2) Product design or reformulation	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under product design.
3) Equipment or Process Modification	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under process modification.
4) Spill and Leak prevention	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under spill and leak prevention.
5) On-site reuse or recycling	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under on-site reuse or recycling.
6) Improve inventory management or purchasing techniques	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under improved inventory management techniques.



<b><i>Toxic Substance Reduction Category</i></b>	<b><i>Option: Identification and Description</i></b>
7) Training or improved operating practices	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under improved operating practices.

## **PLAN SUMMARY STATEMENT**

This plan summary accurately reflects the content of the toxic substance reduction plan for PM10.

## **CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

Attached.

## **CERTIFICATION BY LICENSED PLANNER**

Attached.

## 2.0 PLAN CERTIFICATIONS

### CERTIFICATION BY HIGHEST RANKING EMPLOYEE

As of December 4, 2013, I, Peter DiPonio 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.

Ethanol

Particulate Matter <10µm

Particulate Matter <2.5µm



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Peter DiPonio  
Plant Manager  
Mondelez Canada- Lakeshore Bakery

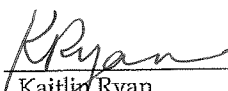
### CERTIFICATION BY LICENSED PLANNER

As of December 4, 2013, I, Kaitlin Ryan, certify that I am familiar with the processes at Mondelez Canada 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 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Ethanol

Particulate Matter <10µm

Particulate Matter <2.5µm



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Kaitlin Ryan  
Licensed Toxic Reduction Planner, License # TSRP0009  
Conestoga-Rovers & Associates Limited

## TRA PLAN SUMMARY – PARTICULATE MATTER <2.5µm

### BASIC FACILITY INFORMATION

<b>Name &amp; CAS # of Substance</b>	PM2.5	NA
<b>Substance for which other Plans have been prepared</b>	Ethanol PM10	64-17-5 NA
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	Mondelez Canada Inc.	
<b>Facility Name</b>	Lakeshore Bakery	
<b>Facility Address</b>	2150 Lakeshore Blvd West Toronto, ON M8V 1A3	
<b>Spatial Coordination of Facility</b>	622478m Easterly 4831377m Northerly	
<b>Number of Employees</b>	450	
<b>NPRI ID</b>	7205	
<b>Parent Company (PC) Information</b>		
<b>PC Name &amp; Address</b>	Mondelez International	
<b>Percent Ownership for each PC</b>	(100% owned)	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	31-33 - Manufacturing	
<b>4 Digit NAICS Code</b>	3113 – Bakeries and Tortilla Manufacturing	
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<b>Company Contact Information</b>		
<b>Facility Public/Technical Contact</b>	Shannon Jones, SSE Director	
	Shannon.jones@mdlz.com	
	Phone: (289)-374-4261	
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<b>Person who Prepared the Plan: (if different from the Coordinator)</b>	Kaitlin Ryan, P.Eng	
	Conestoga-Rovers & Associates Limited	
	651 Colby Drive, Waterloo ON N2V 1C2	
	<a href="mailto:kryan@crawlworld.com">kryan@crawlworld.com</a>	
<b>Highest Ranking Employee</b>	Phone: (519) 884-0510	
	Peter DiPonio, Plant Manager	
	<a href="mailto:Peter.diponio@mdlz.com">Peter.diponio@mdlz.com</a>	
	Phone: (416)-503-6000	
	Fax: (416)-503-6203	

Planner Information:	
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	Conestoga-Rovers & Associates Limited 651 Colby Drive, Waterloo ON N2V 1C2
	Planner License No: TSRP0009
	<a href="mailto:kryan@croworld.com">kryan@croworld.com</a>
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Planner Responsible for Certification	Kaitlin Ryan, P.Eng (Licence TSRP0009)
	<a href="mailto:kryan@croworld.com">kryan@croworld.com</a>
	Phone: (519) 884-0510 Fax: (519) 884-0525

## TOXIC REDUCTION POLICY STATEMENT OF INTENT

The Mondelez Canada Inc. (Mondelez) Lakeshore Bakery facility (Facility) creates PM2.5 in five processes. The Facility does not intend to reduce the creation of this toxic substance at the Facility.

## REDUCTION OBJECTIVES

Mondelez produces high quality products in an environmentally responsible manner. The Lakeshore Facility closed permanently in September 2013. As a result of the shutdown the Facility was unable to identify or implement any reduction options.

## DESCRIPTION OF FACILITY

Mondelez produces cookies, biscuits and crackers. The manufacturing process consists of mixing equipment, cutting machines, ovens and packaging equipment.

The North American Industry Classification System (NAICS) Code that applies to this Facility is 311821 – Cookie and Cracker Manufacturing.

In 2012, the Facility operated their manufacturing process 24 hours per day, 7 days per week for 50 weeks per year.

## TOXIC SUBSTANCE REDUCTION OPTIONS

After looking into the seven categories of toxic substance reduction options, no options were identified. Explanations are provided in the table below to detail why an option could not be identified in each category.

<b><i>Toxic Substance Reduction Category</i></b>	<b><i>Option: Identification and Description</i></b>
1) Materials or feedstock substitution	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under material substitution.
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4) Spill and Leak prevention	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under spill and leak prevention.
5) On-site reuse or recycling	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under on-site reuse or recycling.
6) Improve inventory management or purchasing techniques	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under improved inventory management techniques.
7) Training or improved operating practices	<b>No option identified:</b> The Lakeshore Facility closed permanently in September 2013. As a result of the shut down the Facility was unable to identify or implement any reduction options under improved operating practices.

**PLAN SUMMARY STATEMENT**

This plan summary accurately reflects the content of the toxic substance reduction plan for PM2.5.

**CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

Attached.

**CERTIFICATION BY LICENSED PLANNER**

Attached.

## 2.0 PLAN CERTIFICATIONS

### CERTIFICATION BY HIGHEST RANKING EMPLOYEE

As of December 4, 2013, I, Peter DiPonio 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.

Ethanol

Particulate Matter <10µm

Particulate Matter <2.5µm



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Peter DiPonio  
Plant Manager  
Mondelez Canada- Lakeshore Bakery

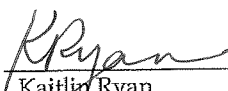
### CERTIFICATION BY LICENSED PLANNER

As of December 4, 2013, I, Kaitlin Ryan, certify that I am familiar with the processes at Mondelez Canada 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 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Ethanol

Particulate Matter <10µm

Particulate Matter <2.5µm



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Conestoga-Rovers & Associates Limited