



Public Reports  
Toxic Substance Reduction Plans

Waterville TG Inc.  
Petrolia Plant

December 11, 2014



# Waterville TG Inc.

BASIC FACILITY INFORMATION		
<b>Substances Included in the Plan</b>		
<ul style="list-style-type: none"> <li>▪ Isopropyl Alcohol (CAS No. 67-63-0)</li> <li>▪ Diethylene Glycol Butyl Ether (112-34-5)</li> <li>▪ Stoddard Solvent (CAS No. 8052-41-3)</li> </ul>		
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	Waterville TG Inc.	
<b>Facility Name</b>	Petrolia Facility	
<b>Facility Address</b>	Physical Address:	Mailing Address:
	4199 Discovery Line Petrolia, ON N0N 1R0	Same as physical address
<b>Spatial Coordinates of Facility</b>	UTM 17 408085.8 (east) 4749491.8 (North)	
<b>Number of Employees</b>	419	
<b>NPRI ID</b>	5580	
<b>Parent Company (PC) Information</b>		
<b>PC Name &amp; Address</b>	Waterville TG Inc. 10 Depot Street Waterville, Quebec JOB 3H0	Same as above
<b>Percent Ownership for each PC</b>	100%	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	32 (Manufacturing)	
<b>4 Digit NAICS Code</b>	3262 (Rubber Product Manufacturing)	
<b>6 Digit NAICS Code</b>	326290 (Other Rubber Product Manufacturing)	
<b>Facility and Planner Contact Information</b>		
<b>Facility Public / Technical Contact</b>	Audrey Garcin	Waterville TG Inc.
	Email: <a href="mailto:Audrey.Garcin@wtg.ca">Audrey.Garcin@wtg.ca</a>	Same as Parent Company
	Phone: (819) 837-2421 x 2343	
<b>Planner Responsible for Certification &amp; Recommendations</b>	Brad Bergeron	RWDI AIR Inc.
	Planner Licence No.: TSRP# 0242	4510 Rhodes Drive, Unit 520 Windsor, ON N8W 5K5
	Email: <a href="mailto:Brad.Bergeron@rwdi.com">Brad.Bergeron@rwdi.com</a>	
	Phone: (519) 974-7384 x 2428	

<b>ISOPROPYL ALCOHOL (CAS NO.67-63-0)</b>	
<b>Statement of Intent</b>	
In accordance with s. 4(1)1 of the Toxics Reduction Act and the Facility commitment to pollution prevention through ISO 14001 certified Environmental Management Systems and Corporate Policies, WTG Petrolia intends to reduce or minimize the use of the TRA listed substances wherever possible.	
<b>Objectives</b>	
The Waterville TG Petrolia Plant does intend to implement a reduction option for IPA. IPA will be removed from product WT-91-023 resulting in a <0.1% reduction or 0.001 tonnes based on 2013 production rates and product manufactured. WTG will continue to investigate process efficiencies and continuous improvement for reductions of IPA through ISO 14001 EMS objectives, business initiatives and product requirements in an effort to reduce the use of IPA in the future.	
<b>Description of Used of Substance</b>	
Isopropyl Alcohol is used in the primary and secondary coating operations at the facility. Isopropyl alcohol is also used as a cleaning agent for coating pots and coating products.	
<b>Description Option(s) to be Implemented</b>	
WT-91-023 was updated to remove the 2% by weight of IPA from the product. The product was used with the updated formula in 2013 and no issues were determined with the quality of the product. This reduction results in an overall reduction of <0.1% or <0.001 tonnes reduction in the use of Isopropyl Alcohol.	

*This plan summary accurately reflects the Toxic Reduction Plan that has been prepared by RWDI AIR Inc. and Waterville TG Inc. for Isopropyl Alcohol, dated December 10, 2014.*

<b>STODDARD SOLVENTS (CAS NO.8052-41-3)</b>	
<b>Statement of Intent</b>	
In accordance with s. 4(1)1 of the Toxics Reduction Act and the Facility commitment to pollution prevention through ISO 14001 certified Environmental Management Systems and Corporate Policies, Waterville TG intends to reduce or minimize the use of the TRA listed substances wherever possible.	
<b>Objectives</b>	
The Waterville TG Petrolia Plant does intend to implement a reduction option for Stoddard Solvent. Stoddard Solvent will be reduced by replacing the "offline" Mastic machines with "inline" Mastic machines on the Extrusion line O-02, there would be a reduction of idle time and better consistency of the product resulting in lower waste volumes. This is estimated to reduce the Stoddard Solvent usage by 10% or 0.2 tonnes. WTG will continue to investigate process efficiencies and continuous improvement for reductions of Stoddard Solvent through ISO 14001 EMS objectives, business initiatives and product requirements in an effort to reduce the use of Stoddard Solvent in the future.	
<b>Description of Used of Substance</b>	
Stoddard Solvent is primarily applied on automotive rubber seals to enhance adhesion of the seal to the seal mounting flange on the vehicle and in lower quantities used in the secondary coating operations at the facility.	
<b>Description Option(s) to be Implemented</b>	
Replacing the "offline" Mastic machines with "inline" Mastic machines on the Extrusion line O-02, there would be a reduction of idle time and better consistency of the product resulting in lower waste volumes. This is estimated to reduce the Stoddard Solvent usage by 10% or 0.2 tonnes.	

*This plan summary accurately reflects the Toxic Reduction Plan that has been prepared by RWDI AIR Inc. and Waterville TG Inc. for Stoddard Solvent, dated December 10, 2014*



# Waterbury TG Inc.

<b>DIETHYLENE GLYCOL BUTYL ETHER (CAS NO.112-34-5)</b>	
<b>Statement of Intent</b>	
In accordance with s. 4(1)1 of the Toxics Reduction Act and the Facility commitment to pollution prevention through ISO 14001 certified Environmental Management Systems and Corporate Policies, Waterbury TG intends to reduce or minimize the use of the TRA listed substances wherever possible.	
<b>Objectives</b>	
The Waterbury TGP Petrovia Plant does not intend to implement a reduction option for Diethylene Glycol Butyl Ether. WTG will continue to investigate process efficiencies and continuous improvement efforts through ISO 14001 EMS objectives, business initiatives and product requirements in an effort to reduce the use of Diethylene Glycol Butyl Ether in the future.	
<b>Description of Used of Substance</b>	
Diethylene Glycol Butyl Ether is used in the primary and secondary coating operations at the facility.	
<b>Description Option(s) to be Implemented</b>	
In accordance with s. 4(1)6 of the Toxic Reduction Act, the Waterbury TG Petrovia facility has completed a detailed technical, and in some cases an economical, review of all proposed options within the seven mandatory categories and as a result of this in-depth evaluation, is choosing not to implement any of the options. The facility will continue to investigate process efficiencies and continuous improvement efforts in an effort to reduce the use of the substance in the future.	

*This plan summary accurately reflects the Toxic Reduction Plan that has been prepared by RWDI AIR Inc. and Waterbury TG Inc. for Diethylene Glycol Butyl Ether, dated December 10, 2014*



# Waterbury TG Inc.

## CERTIFICATION BY HIGHEST RANKING EMPLOYEE


As of December 11, 2014, I, Jim Knott, 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.

Substance

- Isopropyl Alcohol (CAS No. 67-63-0)
- Stoddard Solvent (CAS No. 8052-41-3)
- Diethylene Glycol Butyl Ether (CAS No. 112-34--5)

Date of Certified Plan

December 10, 2014  
December 10, 2014  
December 10, 2014

  
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Jim Knott  
Plant Manager  
Waterbury TG Inc.  
Petrolia Facility

Dec 16, 2014



# Waterbury TG Inc.

## CERTIFICATION BY LICENCED PLANNER

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As of December 11, 2014, I, Brad Bergeron, certify that I am familiar with the processes at Waterbury TG Inc. Petrolia Facility 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 the Act and Ontario Regulation 455/09 (General) made under that Act.

Substance

- Isopropyl Alcohol (CAS No. 67-63-0)
- Stoddard Solvent (CAS No. 8052-41-3)
- Diethylene Glycol Butyl Ether (CAS No. 112-34--5)

Date of Certified Plan

December 11, 2014  
December 11, 2014  
December 11, 2014

A handwritten signature in black ink, appearing to read 'Brad Bergeron', is written over a horizontal line.

Brad Bergeron, Planner Licence # 0242  
Senior Project Manager / Toxic Substance Reduction Planner  
RWDI AIR Inc.