



## Waterville TG Petrolia

The Toxics Reduction Act (the Act) and associated Ontario Regulation 455/09 (O.Reg. 455/09) was introduced in the Province of Ontario in 2010; the Act requires regulated facilities to complete the following tasks.

1. Track, quantify and report annually on the toxic substances they use, create, release, dispose, transfer and contain in products.
2. Develop plans to reduce the use and creation of these substances.
3. Make annual reports and summaries of their plans available to their employees and the public.

Waterville TG – Petrolia facility has completed the first reporting requirement and the following information is presented to fulfill the third requirement for the Petrolia Facility. The deadline for the second reporting requirement was completed in December 2014.

### Section 1: General Facility Information

<b>Business Name:</b>	Waterville TG
<b>Street / Mailing Address:</b>	10 Depot Street Waterville, Quebec JOB 3H0
<b>Facility Name:</b>	Waterville TG Petrolia
<b>Street / Mailing Address:</b>	4491 Discovery Line Petrolia, ON NON 1R0
<b>2 Digit, 4 Digit and 6 Digit NAICS ID:</b>	32, 3262, 326290
<b>NPRI ID:</b>	5580
<b>UTM Coordinates:</b>	42.89250 East, -82-12570 North
<b>Number of Employees:</b>	804
<b>Public Contact:</b>	Ross Osborne Plant Manager 4491 Discovery Line, Petrolia, ON NON 1R0 (519) 882-4366
<b>Company Certifying Official:</b>	Ross Osborne Plant Manager 4491 Discovery Line, Petrolia, ON NON 1R0 (519) 882-4366



## Section 2: Prescribed Toxic Substances On-Site

Four (4) toxic substances were identified to be reported on a facility wide basis under O. Reg. 455/09 as identified in Table 1 below.

**Table 1: Substances Reported on a Facility Wide Basis <sup>[1]</sup>**

Substance Name	Enters the Facility (Use) (tonnes)	Creation (tonnes)	Contained in Product (tonnes)	Total Quantity Released (tonnes)	Disposals and Transfers (tonnes)
Volatile Organic Compounds	10 to 100	N/A	N/A	11.54	N/A
Stoddard Solvent	1 to 10	N/A	N/A	1.647	0.0021
Isopropyl Alcohol	1 to 10	N/A	N/A	0.913	0.00
Diethylene Glycol Butyl Ether	1 to 10	N/A	N/A	2.048	0.0054

**Notes:**

[1] All values shown in metric tonnes

To quantify these substances under the Act, Waterville TG Petrolia utilized facility wide information including material brought in, released to air, water and land, as well as disposed and recycling off-site as outlined in the table above. Additional information can be viewed on the Environment Canada website.



The following is a summary of the changes from 2016 reporting year to 2017 reporting year.

Substance Name	Reporting Year	CAS	Enters the Facility (Use)	Creation	Released to Air	Disposed	Contained In Product
VOC	2016 (tonnes)	NA - M16	10-100	N/A	12.62	N/A	N/A
	2017 (tonnes)		10-100	N/A	11.54	N/A	N/A
	Change (tonnes)		-1.08	N/A	-1.08	N/A	N/A
	% Change (%)		-8.6%	N/A	-8.6%	N/A	N/A
Stoddard Solvents	2016 (tonnes)	8052-41-3	1 to 10	N/A	2.05	0.0054	N/A
	2017 (tonnes)		1 to 10	N/A	1.881	0.0021	N/A
	Change (tonnes)		-0.23	N/A	-0.23	-0.0033	N/A
	% Change (%)		-12.4	N/A	-12.4	-60.9	N/A
Isopropyl Alcohol	2016 (tonnes)	67-63-0	1 to 10	N/A	1.260	0.0	N/A
	2017 (tonnes)		1 to 10	N/A	1.271	0.0	N/A
	Change (tonnes)		-0.358	N/A	-0.358	0.0	N/A
	% Change (%)		-28.17	N/A	-28.17	N/A	N/A
Diethylene Glycol Butyl Ether	2016 (tonnes)	112-34-5	1 to 10	N/A	2.37	0.0021	N/A
	2017 (tonnes)		1 to 10	N/A	2.28	0.0056	N/A
	Change (tonnes)		-0.232	N/A	-0.232	0.0035	N/A
	% Change (%)		-10.18	N/A	-10.18	+167	N/A

### Section 3: Summary of Changes

- VOCs had an overall 2016 to 2017 decrease of 8%, which is an insignificant change from year to year operations.
- Stoddard Solvent use decreased by 12.4% in 2017 in comparison to 2016, which is due to variability in production.
- Diethylene Glycol Butyl Ether use decreased by 10.18% in 2017 in comparison to 2016, which is due to variability in production.
- Isopropyl Alcohol use decreased by 28.17% in 2017 in comparison to 2016, which is due to variability in production.



TOYODA GOSEI | WATERVILLE TG INC.

## Section 4: Certification by Highest Ranking Employee

As of May 31, 2018, I, Ross Osborne certify that I have read the report on the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

A handwritten signature in black ink, appearing to read 'Ross Osborne', written over a horizontal line.

Ross Osborne  
Plant Manager  
Waterville TG Petrolia