Toxic Reduction

2019 Annual Report

Xylene

Date Issued: July 29, 2020

388 Goodyear Rd.

Napanee, Ontario

INTRODUCTION

Ontario's *Toxics Reduction Act* and Regulation (O.Reg 455/09) aims to protect the health of people and the environment by reducing the use and emission of toxic substances. The Act is the cornerstone of Ontario's Toxics Reduction Strategy, which is focused on:

- Managing and reducing the use and creation of toxic substances in order to protect the environment and human health
- Informing the public about toxics in their communities; and
- Helping ensure that Ontario is well-positioned to compete in an emerging green global economy.

This strategy supplements the traditional 'end of pipe' approach to managing toxic substances released into the environment by focusing on reducing the creation and use of these substances at the 'front end' of manufacturing processes.

The act requires regulated facilities to:

- Track and quantify the toxic substances that they use and create
- Develop plans to reduce the use and creation of these substances; and
- Make summaries of their plans available to the public.

Goodyear Napanee manufactures high quality tires for the North American Tire (NAT) market and is a certified ISO14001:2015 facility. Research by the Rubber Manufacturer's Association (RMA, 1999) found small amounts of xylene to be released at several points in the rubber making process. Since the mid-1990s, there have been many changes to the raw materials used in the tire making process as well as improvements to production techniques to reduce the impact of rubber processing. As a result, it is currently unknown if Goodyear Napanee uses or creates (and consequently releases) Xylene.

This annual toxics substance accounting report summarizes the status of Xylene at the Napanee facility for 2019 data (reported in 2020), based on the assumption that the findings of the RMA, with respect to xylene emissions in 1999, are still applicable today. This report is updated annually, as required by the Act and O. Reg. 455/09. It has been prepared to meet the regulatory obligations specified in Section 10 of the Act and the requirements of Section 27(1) of Ontario Regulation 455/09, as amended from time to time.

SUBSTANCE AND FACILITY INFORMATION

Toxic Substances	
Substance Name	Xylene
Chemical Abstracts Service Registry Number	CAS 1330-20-7
Other toxic substance plans	Zinc (7440-66-6), PM10, PM 2.5, Ethanol (64-17-5). Toluene (108-88-3), Methyl Iso-Butyl Ketone (108-10-1), Hexane (110-54-3), Cobalt (NA-05), Nitrogen Oxides (11104-93-1), Ethylene Glycol (107-21-1)
Facility Information	
Legal Company Name	Goodyear Canada Inc.
Facility Name	Napanee
Facility / Mailing Address	388 Goodyear Road, R.R.7, Napanee, ON, K7R 3L2
Web Site Address	http://www.goodyear.ca/en-CA/tires-home
Spatial Coordinates of Facility	UTM Easting: 344558.90; UTM Northing: 4905595.73; UTM Zone 18T
Number of Full Time Employees (or equivalents)	764
NPRI ID#	1322
O.Reg 127/01 ID	NA
Primary North American Industrial Classification system Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
4 Digit NAICS Code	3262 (Rubber Product Mfg.)
6 Digit NAICS Canada Code	326210 (Tire Manufacturing)
Facility Public Contact Information	
Name & Title	Nina Norgaard (Environmental Coordinator), 613-354-7835
Certified Planner Contact	
Name	Ted Bailey (ted@aursi.ca, 613-893-3680, TSRP0031)
Corporate Headquarter Contact Information	
Parent Company Contact	Carlton Williams (Regional Environmental Manager – North America)
Address	The Goodyear Tire and Rubber Company 200 Innovation Way Akron, OH 44316, USA
Phone	330-796-0811
Percentage Ownership	100%

CHANGE IN METHODS OR COMBINATION OF METHODS

There have been no changes in how Goodyear calculates Xylene emissions in 2019.

CHANGE IN PROCESSES

There have been no significant changes in 2019.

INCIDENTS OUTSIDE THE NORMAL COURSES OF EVENTS

There were no incidents in 2019.

AMENDMENTS TO THE PLAN

No amendments were made.

2019 FACILITY-WIDE ACCOUNTING INFORMATION

For the purposes of maintaining confidentiality, Goodyear (Napanee) has reported 'Use', 'Created" and 'Contained in Product' quantities in the bands and ranges prescribed by the Ontario Ministry of the Environment. The band and ranges specified by the Ontario Ministry of the Environment are summarized as follows:

- >0 to 1
- >1 to 10
- >10 to 100
- >100 to 1000
- >1000 to 10,000
- >10,000 to 100,000
- >100,000 to 1,000,000

Form of Involvement	Xylene (2018)	Xylene (2019)	% Change	Reason for Change
Enters the facility (use)	None	None		
Created at the facility	1 to 10 Tonne	1 to 10 Tonne	8.52% decrease	Production Decrease
Released (air) from the facility	1 to 10 Tonne	1 to 10 Tonne	8.52% decrease	Production Decrease
Released (land) from the facility	None	None		
Released (water) from the facility	None	None		
Disposed of (on-site) by the facility	None	None		
Disposed of (off-site) by the facility	None	None		
Transferred (for re-cycling) from the facility	None	None		
Contained in product that leaves facility	None	None		

CERTIFICATION BY HIGHEST RANKING EMPLOYEE

As of July 29, 2020, I, Lester Brooks, 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 *Toxic Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Xylene

Lester Brooks (Manufacturing Director)
The Goodyear Tire & Rubber Company (Napanee)