



Toxic Reduction 2019 Annual Report Nitrogen Oxides (NO_x)

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. Nitrogen Oxides are created during the combustion of fuels. Natural gas is used for the production of steam, hot water and facility heating and diesel fuel is used in back up equipment, including diesel fired pumps.

This annual Toxics Substance Public Report summarizes the status of NOx at the Napanee facility for 2019 data (reported in 2020). It 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 Section 27(1) of Ontario Regulation 455/09, as amended from time to time.



SUBSTANCE AND FACILITY INFORMATION

Toxic Substances	
Substance Name	Nitrogen Oxides (NOx)
Chemical Abstracts Service Registry Number	11104-93-1
Other toxic substance plans	Zinc (7440-66-6), Ethanol (64-17-5), Methyl Iso-Butyl Ketone (108-10-1), Toluene (108-88-3), Xylene (1330-20-7), PM 2.5, PM10, Cobalt (NA-05), Ethylene Glycol (107-21-1), Hexane (110-54-3)
Facility Information	
Legal Company Name	Goodyear Canada Inc.
Facility Name	Napanee
Facility 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@auris.ca , 613-893-3680, TSRP0031)
Highest Ranking Employee	
Name & Title	Lester Brooks (Plant Manager), 613-354-7701
Corporate Headquarter Contact Information	
Parent Company Contact	Carlton Williams (Regional Environmental Manager)
Address	The Goodyear Tire & Rubber Company 200 Innovation Way Akron, OH 44316, USA
Phone	330-796-0811
Percentage Ownership	100%



There have been no changes in how Goodyear calculates NOx.

In 2018 and 2019, a temporary rental boiler was utilized increasing the natural gas consumption and thus increasing Nitrogen Oxide (NOx) emissions during this time period.

There were no incidents in 2019.

No amendments were made.

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	PM10 (2018)	PM10 (2019)	% Change	Reason for Change
Enters the facility (use)	None	None		
Created at the facility	10 to 100 Tonne	10 to 100 Tonne	0.79% Increase	Increase in fuel consumption
Released (air) from the facility	10 to 100 Tonne	10 to 100 Tonne	0.79% Increase	Increase in fuel consumption
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 recycling) 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.

NOx

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

