



# Toxic Reduction

## 2019 Annual Report

### Particulate Matter $\leq 10$ Microns

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. Particulate Matter  $\leq 10$  Microns is created as a result of burning natural gas for the production of steam, hot water and facility heating and burning diesel fuel for back up equipment, including a rented air compressor.

This annual Toxics Substance Public Report summarizes the status of PM10 at the Napanee facility for 2019 data (reported in 2020). 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   | PM10   |
| Chemical Abstracts Service Registry Number                           | NA   |
| Other toxic substance plans  | Zinc (7440-66-6), Methyl Iso-Butyl Ketone (108-10-1), PM 2.5, Ethanol (64-17-5), Toluene (108-88-3), Xylene (1330-20-7), Hexane (110-54-3), NOx (11104-93-1), Cobalt (NA-05), 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   | <a href="https://corporate.goodyear.com/en-US/about/mission.html">https://corporate.goodyear.com/en-US/about/mission.html</a>  |
| 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 ( <a href="mailto:ted@aurisi.ca">ted@aurisi.ca</a> , 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<br>200 Innovation Way Akron, OH 44316, USA  |
| Phone  | 330-796-0811   |
| Percentage Ownership   | 100%   |





## CHANGE IN METHODS OR COMBINATION OF METHODS

Calculation methodology changes resulted in an increase in PM10 emissions reported in 2019.

## CHANGE IN PROCESSES

No changes in processes.

## 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                           | PM10 (2018)   | PM10 (2019)   | % Change        | Reason for Change  |
|---|---------------|---------------|-----------------|--------------------|
| Enters the facility (use)                     | None          | None          |                 |                    |
| Created at the facility                       | 1 to 10 Tonne | 1 to 10 Tonne | 32.49% Increase | Methodology Change |
| Released (air) from the facility              | 1 to 10 Tonne | 1 to 10 Tonne | 32.49% Increase | Methodology Change |
| 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.

PM10

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

