

## TRA Plan Summary – Particulate Matter <2.5µm

### Basic Facility Information

|                                                                             |                                                                                                                          |                                           |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Name &amp; CAS # of Substance</b>                                        | Particulate Matter <2.5µm (PM2.5)                                                                                        | N/A                                       |
| <b>Substances for which Other Plans have been Prepared</b>                  | Carbon Monoxide                                                                                                          | 630-08-0                                  |
|                                                                             | Nitrogen Oxides                                                                                                          | 10102-43-9                                |
|                                                                             | Particulate Matter (PM)                                                                                                  | N/A                                       |
|                                                                             | Particulate Matter <10µm (PM10)                                                                                          | N/A                                       |
| <b>Facility Identification and Site Address</b>                             |                                                                                                                          |                                           |
| <b>Company Name</b>                                                         | Carmeuse Lime (Canada) Limited                                                                                           |                                           |
| <b>Facility Name</b>                                                        | Beachville Operations                                                                                                    |                                           |
| <b>Facility Address</b>                                                     | <b>Physical Address:</b>                                                                                                 | <b>Mailing Address: (if different)</b>    |
|                                                                             | 374681 Oxford County Rd 6<br>Ingersoll, ON<br>N5C 3K5                                                                    | P.O.Box 190<br>Ingersoll, Ontario N5C 3K5 |
| <b>Spatial Coordination of Facility</b>                                     | 511561.28 E , 4768453.64 N                                                                                               |                                           |
| <b>Number of Employees</b>                                                  | 150                                                                                                                      |                                           |
| <b>NPRI ID</b>                                                              | 10140                                                                                                                    |                                           |
| <b>Ontario MOE ID Number</b>                                                | 6723                                                                                                                     |                                           |
| <b>Parent Company (PC) Information</b>                                      |                                                                                                                          |                                           |
| <b>PC Name &amp; Address</b>                                                | Carmeuse Lime (Canada) Limited<br>11 Stanwix Street, 11 <sup>th</sup> Floor Westinghouse Building<br>Pittsburg, PA 15222 |                                           |
| <b>Percent Ownership for each PC</b>                                        | 100%                                                                                                                     |                                           |
| <b>Business Number for PC</b>                                               | 817776008                                                                                                                |                                           |
| <b>Primary North American Industrial Classification System Code (NAICS)</b> |                                                                                                                          |                                           |
| <b>2 Digit NAICS Code</b>                                                   | 32- Manufacturing                                                                                                        |                                           |
| <b>4 Digit NAICS Code</b>                                                   | 3274- Lime and Gypsum Product Manufacturing                                                                              |                                           |
| <b>6 Digit NAICS Code</b>                                                   | 327410 – Lime Manufacturing                                                                                              |                                           |

| Company Contact Information                                              |                                                                                          |                                                                               |
|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Facility Public Contact</b>                                           | John Nadalin, Site Manager                                                               | Same address as facility                                                      |
|                                                                          | John.nadalin@carmeusena.com                                                              |                                                                               |
|                                                                          | Phone: (519) 423-6283 ext.231                                                            |                                                                               |
|                                                                          | Fax: (519) 423-6135                                                                      |                                                                               |
| <b>Facility Technical Contact:</b>                                       | Christopher Martin, Regional Environmental Manager                                       | Same address as facility                                                      |
|                                                                          | <a href="mailto:Christopher.martin@carmeusena.com">Christopher.martin@carmeusena.com</a> |                                                                               |
|                                                                          | Phone: (519) 423-6283 ext.273                                                            |                                                                               |
|                                                                          | Fax: (519) 423-6135                                                                      |                                                                               |
| <b>Company Coordinator Contact</b>                                       | Same as Technical Contact                                                                |                                                                               |
| <b>Person who Prepared the Plan: (if different from the Coordinator)</b> | Tara Bailey, P.Eng.                                                                      | Conestoga-Rovers & Associates<br>651 Colby Dr.<br>Waterloo, ON N2V 1C2        |
|                                                                          | <a href="mailto:tbailey@croworld.com">tbailey@croworld.com</a>                           |                                                                               |
|                                                                          | Phone: (519) 884-0510 ext.2314                                                           |                                                                               |
|                                                                          | Fax: (519) 884-0525                                                                      |                                                                               |
| <b>Highest Ranking Employee</b>                                          | Sean Routledge                                                                           | Same address as facility                                                      |
|                                                                          | Sean.Routledge@carmeusena.com                                                            |                                                                               |
|                                                                          | Phone: (519)533-8820                                                                     |                                                                               |
|                                                                          | Fax: (519) 423-6656                                                                      |                                                                               |
| Planner Information:                                                     |                                                                                          |                                                                               |
| <b>Planner Responsible for Making Recommendations</b>                    | Tara Bailey, P.Eng                                                                       | Conestoga-Rovers & Associates Ltd.<br>651 Colby Drive<br>Waterloo, ON N2V 1C2 |
|                                                                          | Planner License No.                                                                      | 0159                                                                          |
|                                                                          | E-Mail:                                                                                  | <a href="mailto:tbailey@croworld.com">tbailey@croworld.com</a>                |
|                                                                          | Phone:                                                                                   | (519)884-0510                                                                 |
|                                                                          | Fax:                                                                                     | (519)884-0525                                                                 |
| <b>Planner Responsible for Certification</b>                             | Same as above                                                                            |                                                                               |

### Toxic Reduction Policy Statement of Intent

Carmeuse Lime (Canada) Limited (Carmeuse) is committed to playing a leadership role in protecting the environment. Whenever feasible, we will strive to reduce the creation and release of all toxic substances

in compliance with all Federal and Provincial Regulations. The Facility does not use the subject toxic substances; therefore, this plan will not address the reduction in use.

### **Reduction Objectives**

Carmeuse Lime (Canada) Limited prides itself on technological innovation in order to produce high quality lime products in an environmentally responsible manner. Carmeuse will strive to reduce the creation of each of the toxic substances at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

### **Description of Facility**

The Beachville Operation produces lime and limestone products, including quicklime, pulverized limestone and hydrated lime, for use primarily within the steel and agricultural industries. The quicklime and hydrated lime production process involves the combustion of natural gas, coal, and petroleum coke to obtain the required product quality. The combustion of these fuels within the production processes results in the creation of particulate matter <2.5µm (PM2.5). The facility also quarries raw limestone for use within the process. The quarry activities and pulverized limestone production process, along with storage, handling and transfer activities, results in the creation of PM2.5 at the facility.

The North American Industry Classification System (NAICS) code that applies to the facility is 327410.

### **Toxic Substance Reduction Options to Be Implemented**

There were no technically feasible options identified that can be implemented by Carmeuse to reduce the creation or release of the toxic substances. In accordance with Carmeuse's current operating practices and policies, potential opportunities for reduction of toxic substances will continue to be evaluated on a regular basis.

### **Plan Summary Statement**

This plan summary accurately reflects the content of the toxic substance reduction plan for particulate matter <2.5µm.

### **Certification by Highest Ranking Employee**

Attached.

### **Certification by Licensed Planner**

Attached.