

National Pollutant Release Inventory (NPRI) and



Canada

Report Preview**Report Details**

Report Year

2016

Report Type:

NPRI,ON MOE TRA

Report Status:

Submitted

Modified Date/Time:

26/05/2017 3:34 PM

Company and Facility Details

Company Name:

Carmeuse Lime Canada

Business Number:

817776008

Mailing Address:

Delivery Mode: PostOfficeBox
PO Box: 190
Address Line 1: 374681 County Road # 6 Road
City, Province/Territory, Postal Code: Ingersoll Ontario N5C3K5
Country: Canada

Facility Name:

Northern Lime Limited

NAICS Code:

327410

NPRI ID:

10138

Physical Address:

Address Line 1: 17 Highway 17 Highway East
City, Province/Territory, Postal Code: Blind River Ontario P0R1B0
Country: Canada
Additional Information: The facility is located east of Blind River on Highway 17
Latitude: 46.18890
Longitude: -82.96500
UTM Zone: 17
UTM Easting: 348365
UTM Northing: 5116912

Parent Companies

Company Name:

Carmeuse Lime and Stone Inc

Business Number:

100437003

Mailing Address:

Address Line 1: 11 Stanwix Street
City, Province/Territory, Postal Code: Pittsburgh Pennsylvania 15222
Country: UnitedStates

Permits

Number or Permit Number:

FuE4F1

Government Department, Agency, or Program Name:

GHG reporting system for Environment Canada and Stats Canada

Contacts Details

Contact Type

Technical Contact, Certifying Official, Company Coordinator, Person who prepared the report,
Person who coordinated the preparation of the Toxics Reduction Plan

Name:	christopher martin
Position:	Regional Environmental manger
Telephone:	5194236283
Fax:	5194236135
Email:	christopher.martin@carmeusena.com
Contact Type	Highest Ranking Employee, Public Contact
Name:	Sean Routledge
Position:	Area operations Manager
Telephone:	5194236283
Fax:	5194236656
Email:	sean.routledge@carmeusena.com

General Information

Number of employees:	68
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexachlorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	No
Did the facility report under other environmental regulations or permits:	Yes
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	Yes
Was the facility shut down for more than one week during the year:	Yes
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri, Sat, Sun
Usual Number of Operating Hours per day:	24
Usual Daily Start Time (24h) (hh:mm):	07:00

Shutdown Periods:

From 2016-02-02 To 2016-03-06	Inventory control
From 2016-07-07 To 2016-07-21	maintenance
From 2016-10-16 To 2016-10-22	inventory control
From 2016-12-17 To 2016-12-22	inventory control

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
630-08-0	Carbon monoxide	68.3300	N/A	N/A	N/A	tonnes
11104-93-1	Nitrogen oxides (expressed as NO2)	141.3110	N/A	N/A	N/A	tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	180.8570	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	80.8840	N/A	N/A	N/A	tonnes
7446-09-5	Sulphur dioxide	104.7470	N/A	N/A	N/A	tonnes
NA - M08	Total Particulate Matter	329.3600	N/A	N/A	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
630-08-0	Carbon monoxide	Yes	Yes		No
11104-93-1	Nitrogen oxides (expressed as NO ₂)	Yes	Yes		No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Yes	Yes		No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Yes	Yes		No
7446-09-5	Sulphur dioxide	Yes	Yes		No
NA - M08	Total Particulate Matter	Yes	Yes		No

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
630-08-0	Carbon monoxide	Use	0 tonnes	No
630-08-0	Carbon monoxide	Creation	68.330 tonnes	Yes
630-08-0	Carbon monoxide	Contained in Product		
11104-93-1	Nitrogen oxides (expressed as NO ₂)	Use	0 tonnes	No
11104-93-1	Nitrogen oxides (expressed as NO ₂)	Creation	141.311 tonnes	Yes
11104-93-1	Nitrogen oxides (expressed as NO ₂)	Contained in Product		
NA - M09	PM10 - Particulate Matter <= 10 Microns	Use	0 tonnes	No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Creation	180.857 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Contained in Product		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Use	0 tonnes	No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Creation	80.884 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained in Product		
7446-09-5	Sulphur dioxide	Use	0 tonnes	No
7446-09-5	Sulphur dioxide	Creation	104.747 tonnes	Yes
7446-09-5	Sulphur dioxide	Contained in Product		
NA - M08	Total Particulate Matter	Use	0 tonnes	No
NA - M08	Total Particulate Matter	Creation	329.361 tonnes	Yes
NA - M08	Total Particulate Matter	Contained in Product		

TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impacted tracking and quantification of the substance	Description of how an incident(s) affected quantifications	Significant Process Change
630-08-0	Carbon monoxide					No
11104-93-1	Nitrogen oxides (expressed as NO ₂)					No
NA - M09	PM10 - Particulate Matter <= 10 Microns					No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns					No
7446-09-5	Sulphur dioxide					No
NA - M08	Total Particulate Matter					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
630-08-0	Carbon monoxide	Stack or Point Releases	C - Mass Balance		68.330 tonnes
11104-93-1	Nitrogen oxides (expressed as NO ₂)	Stack or Point Releases	C - Mass Balance		141.311 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	E2 - Published Emission Factors		94.888 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Storage or Handling Releases	E2 - Published Emission Factors		0.272 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Fugitive Releases	E2 - Published Emission Factors		85.103 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Road Dust	E2 - Published Emission Factors		0.594 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	E2 - Published Emission Factors		46.992 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Storage or Handling Releases	E2 - Published Emission Factors		0.041 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Fugitive Releases	E2 - Published Emission Factors		33.792 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Road Dust	E2 - Published Emission Factors		0.059 tonnes
7446-09-5	Sulphur dioxide	Stack or Point Releases	E2 - Published Emission Factors		104.747 tonnes
NA - M08	Total Particulate Matter	Stack or Point Releases	E2 - Published Emission Factors		189.266 tonnes

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - M08	Total Particulate Matter	Storage or Handling Releases	E2 - Published Emission Factors		0.543 tonnes
NA - M08	Total Particulate Matter	Fugitive Releases	E2 - Published Emission Factors		137.538 tonnes
NA - M08	Total Particulate Matter	Road Dust	E2 - Published Emission Factors		2.013 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
630-08-0	Carbon monoxide	68.330 tonnes
11104-93-1	Nitrogen oxides (expressed as NO2)	141.311 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	180.857 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	80.884 tonnes
7446-09-5	Sulphur dioxide	104.747 tonnes
NA - M08	Total Particulate Matter	329.360 tonnes

On-site Releases - Total

On-site Releases - Monthly Breakdown of Annual Releases

CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
630-08-0	Carbon monoxide	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34
11104-93-1	Nitrogen oxides (expressed as NO2)	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34
NA - M09	PM10 - Particulate Matter <= 10 Microns	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34
7446-09-5	Sulphur dioxide	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34
NA - M08	Total Particulate Matter	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34

On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities from Previous Year	Comments
11104-93-1	Nitrogen oxides (expressed as NO2)	No significant change (i.e. < 10%) or no change	
630-08-0	Carbon monoxide	No significant change (i.e. < 10%) or no change	slight decrease in production
7446-09-5	Sulphur dioxide	No significant change (i.e. < 10%) or no change	
NA - M08	Total Particulate Matter	No significant change (i.e. < 10%) or no change	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No significant change (i.e. < 10%) or no change	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No significant change (i.e. < 10%) or no change	

Comparison Report - Enters, Creation, Contained in Product

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
630-08-0	Carbon monoxide	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	
630-08-0	Carbon monoxide	No	Creation	68.330 tonnes	65.026 tonnes	2015	3.304	5.08
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Creation	141.311 tonnes	134.471 tonnes	2015	6.840	5.09
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	180.857 tonnes	180.536 tonnes	2015	0.321	0.18
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	80.884 tonnes	81.386 tonnes	2015	-0.502	-0.62
7446-09-5	Sulphur dioxide	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
7446-09-5	Sulphur dioxide	No	Creation	104.747 tonnes	99.683 tonnes	2015	5.064	5.08
NA - M08	Total Particulate Matter	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	
NA - M08	Total Particulate Matter	No	Creation	329.361 tonnes	331.539 tonnes	2015	-2.178	-0.66

Comparison Report - Enters, Creation, Contained in Product : Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
630-08-0	Carbon monoxide	No reasons - quantities approximately the same	
11104-93-1	Nitrogen oxides (expressed as NO2)	No reasons - quantities approximately the same	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No reasons - quantities approximately the same	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No reasons - quantities approximately the same	
7446-09-5	Sulphur dioxide	No reasons - quantities approximately the same	
NA - M08	Total Particulate Matter	No reasons - quantities approximately the same	

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
630-08-0	Carbon monoxide	No	Total Releases to Air	68.330 tonnes	65.026 tonnes	2015	3.304	5.08
630-08-0	Carbon monoxide	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
630-08-0	Carbon monoxide	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
630-08-0	Carbon monoxide	No	Total Releases to All Media	0 tonnes				
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Total Releases to Air	141.311 tonnes	134.471 tonnes	2015	6.840	5.09
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Total Releases to All Media	0 tonnes				
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	180.857 tonnes	180.536 tonnes	2015	0.321	0.18
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to All Media	0 tonnes				
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Air	80.884 tonnes	81.356 tonnes	2015	-0.472	-0.58
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to All Media	0 tonnes				
7446-09-5	Sulphur dioxide	No	Total Releases to Air	104.747 tonnes	99.683 tonnes	2015	5.064	5.08
7446-09-5	Sulphur dioxide	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
7446-09-5	Sulphur dioxide	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
7446-09-5	Sulphur dioxide	No	Total Releases to All Media	0 tonnes				
NA - M08	Total Particulate Matter	No	Total Releases to Air	329.360 tonnes	331.539 tonnes	2015	-2.179	-0.66
NA - M08	Total Particulate Matter	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
NA - M08	Total Particulate Matter	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
NA - M08	Total Particulate Matter	No	Total Releases to All Media	0 tonnes				

Comparison Report - On-site Releases - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
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630-08-0	Carbon monoxide	No reasons - quantities approximately the same	
11104-93-1	Nitrogen oxides (expressed as NO2)	No reasons - quantities approximately the same	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No reasons - quantities approximately the same	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No reasons - quantities approximately the same	
7446-09-5	Sulphur dioxide	No reasons - quantities approximately the same	
NA - M08	Total Particulate Matter	No reasons - quantities approximately the same	

Pollution Prevention

Does the facility have a documented pollution prevention plan?	Yes
a) Please check all that apply	Plan was prepared or implemented on a voluntary basis.
b) Did the facility update their plan in the current reporting year?	No
c) Does the plan address substances, energy conservation, or water conservation?	Substances
Please summarize your pollution prevention plan and/or your pollution prevention activities (this information will be publicly available)	Working with external companies to develop alternative fuels to reduce the use of Pet Coke and Coal
Did the facility complete any pollution prevention activities in the current NPRI reporting year	No

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
630-08-0	Carbon monoxide	No objective
11104-93-1	Nitrogen oxides (expressed as NO2)	No objectives as this is a combustion gas
NA - M09	PM10 - Particulate Matter <= 10 Microns	We have no objectives as we currently have dust collection and a best management plan in place for fugitive dust
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No objectives at this time
7446-09-5	Sulphur dioxide	No objectives
NA - M08	Total Particulate Matter	Revisit our dust collection and continue to work with site managers to add additional dust collection as needed. We have implemented a best management plan for dust reduction

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
630-08-0	Carbon monoxide	No quantity target	No timeline target	
11104-93-1	Nitrogen oxides (expressed as NO2)	No quantity target	No timeline target	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No quantity target	No timeline target	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No quantity target	No timeline target	
7446-09-5	Sulphur dioxide	No quantity target	No timeline target	
NA - M08	Total Particulate Matter	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
630-08-0	Carbon monoxide	No quantity target	No timeline target	
11104-93-1	Nitrogen oxides (expressed as NO2)	No quantity target	No timeline target	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No quantity target	No timeline target	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No quantity target	No timeline target	
7446-09-5	Sulphur dioxide	No quantity target	No timeline target	
NA - M08	Total Particulate Matter	No quantity target	No timeline target	

Progress on TRA Plan - Additional Actions

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use were taken during the reporting period and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
630-08-0	Carbon monoxide	No		
11104-93-1	Nitrogen oxides (expressed as NO2)	No		

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
NA - M09	PM10 - Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No		
7446-09-5	Sulphur dioxide	No		
NA - M08	Total Particulate Matter	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
630-08-0	Carbon monoxide	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
630-08-0	Carbon monoxide	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
630-08-0	Carbon monoxide	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
630-08-0	Carbon monoxide	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
630-08-0	Carbon monoxide	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
630-08-0	Carbon monoxide	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
630-08-0	Carbon monoxide	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
630-08-0	Carbon monoxide	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
630-08-0	Carbon monoxide	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
11104-93-1	Nitrogen oxides (expressed as NO ₂)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
11104-93-1	Nitrogen oxides (expressed as NO ₂)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
11104-93-1	Nitrogen oxides (expressed as NO ₂)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
11104-93-1	Nitrogen oxides (expressed as NO ₂)	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
11104-93-1	Nitrogen oxides (expressed as NO ₂)	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
11104-93-1	Nitrogen oxides (expressed as NO ₂)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
11104-93-1	Nitrogen oxides (expressed as NO ₂)	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
11104-93-1	Nitrogen oxides (expressed as NO ₂)	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
11104-93-1	Nitrogen oxides (expressed as NO ₂)	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
7446-09-5	Sulphur dioxide	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
7446-09-5	Sulphur dioxide	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
7446-09-5	Sulphur dioxide	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
7446-09-5	Sulphur dioxide	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
7446-09-5	Sulphur dioxide	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
7446-09-5	Sulphur dioxide	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
7446-09-5	Sulphur dioxide	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
7446-09-5	Sulphur dioxide	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
7446-09-5	Sulphur dioxide	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
NA - M08	Total Particulate Matter	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M08	Total Particulate Matter	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M08	Total Particulate Matter	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
NA - M08	Total Particulate Matter	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M08	Total Particulate Matter	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M08	Total Particulate Matter	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - M08	Total Particulate Matter	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M08	Total Particulate Matter	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M08	Total Particulate Matter	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	

Progress on TRA Plan - Amendments

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description any amendments that were made to the toxic substance reduction plan during the reporting period	Provide a public summary of the description of any amendments that were made to the toxic substance reduction plan during the reporting period
630-08-0	Carbon monoxide	No		
11104-93-1	Nitrogen oxides (expressed as NO ₂)	No		
NA - M09	PM10 - Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No		
7446-09-5	Sulphur dioxide	No		
NA - M08	Total Particulate Matter	No		

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Carmeuse Lime Canada

Certifying Official (or authorized delegate)

christopher martin

Report Submitted by

Christopher Martin

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 26/05/2017, I, Sean Routledge, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

TRA Substance List

CAS RN	Substance Name
630-08-0	Carbon monoxide
11104-93-1	Nitrogen oxides (expressed as NO2)
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
7446-09-5	Sulphur dioxide
NA - M08	Total Particulate Matter

Company Name

Carmeuse Lime Canada

Highest Ranking Employee

Sean Routledge

Report Submitted by

Christopher Martin

Website address

<https://ontariotra.com/carmeuse-lime/>

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2016	26/05/2017	Northern Lime Limited	Ontario	Blind River	NPRI,ON MOE TRA

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.

Version: 3.11.4



