

National Pollutant Release Inventory (NPRI) and



Canada

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Report Preview

Report Details

| | |
|---------------------|---------------------|
| Report Year | 2015 |
| Report Type: | NPRI,ON MOE TRA |
| Report Status: | Submitted |
| Modified Date/Time: | 17/05/2016 12:48 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: | Beachville Operation |
| NAICS Code: | 327410 |
| NPRI ID: | 10140 |
| Physical Address: | Address Line 1: 374681 Oxford County 6 Road City, Province/Territory, Postal Code: Ingersoll Ontario N5C3K5 Country: Canada Latitude: 43.06870 Longitude: -80.85800 UTM Zone: 17 UTM Easting: 511561 UTM Northing: 473853 |

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: | FuB8EE |
| Government Department, Agency, or Program Name: | GHG reporting system Environment Canada and Stats Canada |

Contacts Details

| | |
|--------------|--|
| Contact Type | Technical Contact, Certifying Official, Company Coordinator, Highest Ranking Employee, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan |
|--------------|--|

| | |
|------------------|--|
| Name: | christopher martin |
| Position: | Regional Environmental Manager |
| Telephone: | 5194236283 |
| Fax: | 5194236135 |
| Email: | christopher.martin@carmeusena.com |
| Mailing Address: | Delivery Mode: PostOfficeBox PO Box: 190 Address Line 1: 6 County Road Road City, Province/Territory, Postal Code: Ingersoll Ontario n5c3k5 Country: Canada |
| Contact Type | Public Contact |
| Name: | Sean Routledge |
| Position: | Area operations Manager |
| Telephone: | 5194236283 |
| Fax: | 5194236656 |
| Email: | sean.routledge@carmeusena.com |
| Mailing Address: | Delivery Mode: GeneralDelivery PO Box: 190 Address Line 1: 374681 County # 6 Road City, Province/Territory, Postal Code: ingersoll Ontario n5c 3k5 Country: Canada |

General Information

| | |
|--|--|
| Number of employees: | 98 |
| Activities for Which the 20,000-Hour Employee Threshold Does Not Apply: | Pits and quarries where annual production is \geq 500,000 tonnes |
| Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene: | 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 |
| General Comments for Facility: | 2015 was a poor year for sales. The facility suffered a work stoppage from it's hourly employees and lime was rerouted through one of our American facilities. |

Shutdown Periods:

| | |
|-------------------------------|--|
| From 2015-01-31 To 2015-02-16 | Kiln # 1 down due to work stoppage by hourly employees |
| From 2015-10-13 To 2015-11-07 | Kiln 1 down due to annual maintenance outage |
| From 2015-03-11 To 2015-04-23 | Kiln 3 inventory control |

From 2015-05-01 To 2015-06-08

Kiln 3 down for inventory control

From 2015-06-29 To 2015-08-19

Kiln 3 down due to inventory control

From 2015-09-11 To 2015-09-29

Kiln 3 down due to inventory control

From 2015-11-12 To 2015-12-31

Kiln 3 down due to inventory control

Substance List

| CAS RN | Substance Name | Releases | Releases (Speciated VOCs) | Disposals | Recycling | Unit |
|------------|---|----------|---------------------------|-----------|-----------|--------|
| 630-08-0 | Carbon monoxide | 198.3290 | N/A | N/A | N/A | tonnes |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | 433.9130 | N/A | N/A | N/A | tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | 256.4940 | N/A | N/A | N/A | tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | 115.0420 | N/A | N/A | N/A | tonnes |
| NA - M08 | Total Particulate Matter | 505.4790 | 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 NO2) | 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 |
| NA - M08 | Total Particulate Matter | Yes | Yes | | No |

Applicable Programs - Comments

| CAS RN | Substance Name | Comments |
|------------|------------------------------------|---------------------------------------|
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | Work stoppage in 2015 and lower sales |

TRA Quantifications

| CAS RN | Substance Name | Use, Creation, Contained | Quantity | Use ranges for public reporting |
|------------|---|--------------------------|----------------|---------------------------------|
| 630-08-0 | Carbon monoxide | Use | 0 tonnes | No |
| 630-08-0 | Carbon monoxide | Creation | 198.329 tonnes | Yes |
| 630-08-0 | Carbon monoxide | Contained | | |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | Use | 0 tonnes | No |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | Creation | 433.913 tonnes | Yes |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | Contained | | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Use | 0 tonnes | No |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Creation | 256.493 tonnes | Yes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Contained | | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Use | 0 tonnes | No |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Creation | 115.042 tonnes | Yes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Contained | | |
| NA - M08 | Total Particulate Matter | Use | 0 tonnes | No |
| NA - M08 | Total Particulate Matter | Creation | 505.479 tonnes | Yes |
| NA - M08 | Total Particulate Matter | Contained | | |

TRA Quantifications - Others

| CAS RN | Substance Name | Change in Method of Quantification | Reasons for Change | Description of how the change impact tracking and quantification of the substance | Incidents out of the normal course of events | Significant Process Change |
|------------|---|------------------------------------|--------------------|---|--|----------------------------|
| 630-08-0 | Carbon monoxide | | | | | No |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | | | | | No |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | | | | | No |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | | | | | 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 | M3 - Source Testing | | 198.329 tonnes |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | Stack or Point Releases | M3 - Source Testing | | 433.913 tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Stack or Point Releases | M3 - Source Testing | | 113.361 tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Storage or Handling Releases | E2 - Published Emission Factors | | 0.061 tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Fugitive Releases | E2 - Published Emission Factors | | 118.285 tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Other Non-point Releases | E2 - Published Emission Factors | | 11.735 tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Road Dust | E2 - Published Emission Factors | | 13.052 tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Stack or Point Releases | M3 - Source Testing | | 66.240 tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Storage or Handling Releases | E2 - Published Emission Factors | | 0.009 tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Fugitive Releases | E2 - Published Emission Factors | | 45.853 tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Other Non-point Releases | E2 - Published Emission Factors | | 1.635 tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Road Dust | E2 - Published Emission Factors | | 1.305 tonnes |
| NA - M08 | Total Particulate Matter | Stack or Point Releases | M3 - Source Testing | | 203.275 tonnes |
| NA - M08 | Total Particulate Matter | Storage or Handling Releases | E2 - Published Emission Factors | | 0.123 tonnes |
| NA - M08 | Total Particulate Matter | Fugitive Releases | E2 - Published Emission Factors | | 241.601 tonnes |
| NA - M08 | Total Particulate Matter | Other Non-point Releases | E2 - Published Emission Factors | | 16.261 tonnes |
| NA - M08 | Total Particulate Matter | Road Dust | E2 - Published Emission Factors | | 44.219 tonnes |

On-site Releases - Releases to air - Total

| CAS RN | Substance Name | Total - Releases to Air |
|------------|---|-------------------------|
| 630-08-0 | Carbon monoxide | 198.329 tonnes |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | 433.913 tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | 256.494 tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | 115.042 tonnes |
| NA - M08 | Total Particulate Matter | 505.479 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 |
| 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 Disposed from Previous Year | Comments (Disposals) |
|------------|---|---|--|
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | Changes in production levels | work stoppage and lower sales in 2015 |
| 630-08-0 | Carbon monoxide | Changes in production levels | Production down due to work stoppage and sales |
| NA - M08 | Total Particulate Matter | Changes in production levels | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Changes in production levels | Work stoppage in 2015 and lower sales |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Changes in production levels | |

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 | 2014 | 0 | |
| 630-08-0 | Carbon monoxide | No | Creation | 198.329 tonnes | 244.252 tonnes | 2014 | -45.923 | -18.80 |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | No | Enters the facility (Use) | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | No | Creation | 433.913 tonnes | 629.206 tonnes | 2014 | -195.293 | -31.04 |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Enters the facility (Use) | 0 tonnes | 0 tonnes | 2014 | 0 | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Creation | 256.493 tonnes | 407.571 tonnes | 2014 | -151.078 | -37.07 |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Enters the facility (Use) | 0 tonnes | 0 tonnes | 2014 | 0 | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Creation | 115.042 tonnes | 167.109 tonnes | 2014 | -52.067 | -31.16 |
| NA - M08 | Total Particulate Matter | No | Enters the facility (Use) | 0 tonnes | 0 tonnes | 2014 | 0 | |
| NA - M08 | Total Particulate Matter | No | Creation | 505.479 tonnes | 807.552 tonnes | 2014 | -302.073 | -37.41 |

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 | Decrease in production levels | |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | Decrease in production levels | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Decrease in production levels | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Decrease in production levels | |
| NA - M08 | Total Particulate Matter | Decrease in production levels | |

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 | 198.329 tonnes | 244.252 tonnes | 2014 | -45.923 | -18.80 |
| 630-08-0 | Carbon monoxide | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 630-08-0 | Carbon monoxide | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2014 | 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 | 433.913 tonnes | 629.206 tonnes | 2014 | -195.293 | -31.04 |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2014 | 0 | |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2014 | 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 | 256.494 tonnes | 407.571 tonnes | 2013 | -151.077 | -37.07 |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2014 | 0 | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2014 | 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 | 115.042 tonnes | 167.109 tonnes | 2014 | -52.067 | -31.16 |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2014 | 0 | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2014 | 0 | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Total Releases to All Media | 0 tonnes | | | | |
| NA - M08 | Total Particulate Matter | No | Total Releases to Air | 505.479 tonnes | 807.552 tonnes | 2014 | -302.073 | -37.41 |
| NA - M08 | Total Particulate Matter | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2014 | 0 | |
| NA - M08 | Total Particulate Matter | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2014 | 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 |
|------------|---|-------------------------------|--------------|
| 630-08-0 | Carbon monoxide | Decrease in production levels | |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | Decrease in production levels | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Decrease in production levels | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Decrease in production levels | |
| NA - M08 | Total Particulate Matter | Decrease in production levels | |

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)

If an alternative fuel market appears and the cost is helpful we will change our kiln fuels from fossil to some alternative fuel to produce less combustion gases

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 current plans |
| 11104-93-1 | Nitrogen oxides (expressed as NO2) | No plan in effect |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Not currently |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No objectives in place |
| NA - M08 | Total Particulate Matter | None currently in place |

Progress on TRA Plan - 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 | |
| NA - M08 | Total Particulate Matter | No quantity target | No timeline target | |

Progress on TRA Plan - Description

| 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 | |
| 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 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 | | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | | |
| NA - M08 | PM2.5 - | | | |

| 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 - M10 | Particulate Matter <= 2.5 Microns | 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 |
|----------|---|---|----------|
| 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. | |
| 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 | | |
| NA - M08 | Total Particulate Matter | No | | |

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

Sean Routledge is the highest ranking employee but has given me signing authority for the Toxic Reduction Act reports

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.

Annual Report Certification Statement

As of 17/05/2016, I, christopher martin, 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 NO ₂) |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns |
| NA - M08 | Total Particulate Matter |

Company Name

Carmeuse Lime Canada

Highest Ranking Employee

christopher martin

Report Submitted by

Christopher Martin

Website address

<http://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 |
|--------|-----------------|----------------------|----------|-----------|-----------------|
| 2015 | 17/05/2016 | Beachville Operation | Ontario | Ingersoll | 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.

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