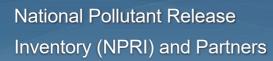
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Report Preview

Report Details

Report Year 2019

Report Type: NPRI,ON MECP TRA

Report Status: Submitted

Modified Date/Time: 2020-07-24 3:11 PM

Company and Facility Details

Company Name: Maple Leaf Foods Inc.

Business Number: 898324041

Mailing Address: Delivery Mode: GeneralDelivery

Address Line 1: 6985 Financial Drive

City: Mississauga Province/Territory: Ontario Postal Code: L5N 0A1 Country: Canada

Facility Name: Maple Leaf Foods - Heritage

NAICS Code: 311614

NPRI ID: 28627

Portable: No

Physical Address: Address Line 1: 440 Glover Road

City: Hamilton

Province/Territory: Ontario Postal Code: LOR 1P0 Country: Canada

Latitude: 43.17191 Longitude: -79.83518

Permits

Number or Permit Number: 6907-8RRKLX

Government Department, Agency, or Program

Name:

MOECC

Contacts Details

Contact Type Technical Contact, Certifying Official, Person who prepared the report

Name: Joel Grant

Position: National Manager of Environmental Affairs

Telephone: 2042358232

| Fax: | 2042335413 |
|---|--|
| Email: | joel.grant@mapleleaf.com |
| Contact Type | Highest Ranking Employee |
| Name: | |
| Position: | Jim Brown |
| Telephone: | Site Leader |
| | 9056928098 |
| Email: | Jim.Brown@mapleleaf.com |
| Mailing Address: | Delivery Mode: GeneralDelivery Address Line 1: 440 Glover Road City: Hannon Province/Territory: Ontario Postal Code: LOR 1P0 Country: Canada |
| Contact Type | Person who coordinated the preparation of the Toxics Reduction Plan |
| Name: | Patrick Huynh |
| Position: | Manager, Environmental Projects & Sustainability |
| Telephone: | 9052855721 |
| Email: | patrick.huynh@mapleleaf.com |
| Mailing Address: | Delivery Mode: GeneralDelivery Address Line 1: 3rd Floor - 6985 Financial Drive City: Mississauga Province/Territory: Ontario Postal Code: L5N 0A1 Country: Canada |
| General Information | |
| Number of employees: | 1039 |
| Activities for Which the 20,000-Hour Employee Threshold Does Not Apply: | None of the above |
| 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 |
| Does this facility release less than the reporting threshold for each Part 4 substance AND have one or more light or medium crude oil batteries with a total oil throughput for the battery components of the facility of ≥1,900 m3 per year? | No |
| Did the facility operate one or more electricity generation units that had a capacity of 25 MW | No |
| or more and that distributed or sold to the grid 33% or more of its potential electrical output in the calendar year? | |
| 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 |
| Does this facility solely consist of compression equipment in the oil and gas extraction sector? | No |

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:

Operating Schedule - Days of the Week:

Mon, Tue, Wed, Thu, Fri, Sat

Usual Number of Operating Hours per day:

20

Usual Daily Start Time (24h) (hh:mm):

06:00

Substance List

| CAS RN | Substance Name | Releases | Releases (Speciated VOCs) | Disposals | Recycling | Unit |
|-----------|---|----------|---------------------------|-----------|-----------|--------|
| NA - 16 | Ammonia (total) | 4.530000 | N/A | N/A | N/A | tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | 1.105000 | N/A | N/A | N/A | tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | 1.105000 | N/A | N/A | N/A | tonnes |
| 7664-93-9 | Sulphuric acid | N/A | N/A | N/A | N/A | tonnes |

Applicable Programs

| CAS RN | Substance Name | NPRI | ON MECP TRA | First report for this substance to the ON MECP TRA |
|-----------|---|------|-------------|--|
| NA - 16 | Ammonia (total) | 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 |
| 7664-93-9 | Sulphuric acid | Yes | Yes | No |

General Information about the Substance - Releases and Transfers of the Substance

| CAS RN | Substance Name | Was the substance released on-site | The substance will be reported as the sum of releases to all media (total of 1 tonne or less) | 1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air |
|-----------|--------------------|------------------------------------|---|--|
| NA - 16 | Ammonia (total) | Yes | No | No |
| 7664-93-9 | Sulphuric acid | No | No | No |

General Information about the Substance - Disposals and Off-site Transfers for Recycling

| CAS RN | Substance Name | Was the substance disposed of (on-site or off- site), or transferred for treatment prior to final disposal | Is the facility required to report on disposals of tailings and waste rock for the selected reporting period | |
|-----------|--------------------|--|--|----|
| NA - 16 | Ammonia (total) | No | No | No |
| 7664-93-9 | Sulphuric acid | No | No | No |

General Information about the Substance - Nature of Activities

| CAS RN | Substance Name | Manufacture the Substance | Process the Substance | Otherwise Use of the Substance |
|-----------|-----------------|---------------------------|-----------------------|--------------------------------|
| NA - 16 | Ammonia (total) | | | Ancillary/other use |
| 7664-93-9 | Sulphuric acid | | | Ancillary/other use |

TRA Quantifications

| CAS RN | Substance Name | Use, Creation, Contained in Product | Quantity | Use ranges for public reporting |
|-----------|---|-------------------------------------|--------------|---------------------------------|
| NA - 16 | Ammonia (total) | Use | 38.6 tonnes | Yes |
| NA - 16 | Ammonia (total) | Creation | 0 tonnes | Yes |
| NA - 16 | Ammonia (total) | Contained in Product | 0 tonnes | Yes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Use | 0 tonnes | Yes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Creation | 1.105 tonnes | Yes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Contained in Product | | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Use | 0 tonnes | Yes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Creation | 1.105 tonnes | Yes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Contained in Product | | |
| 7664-93-9 | Sulphuric acid | Use | 128.0 tonnes | Yes |

| CAS RN | Substance Name | Use, Creation, Contained in Product | Quantity | Use ranges for public reporting |
|-----------|----------------|-------------------------------------|----------|---------------------------------|
| 7664-93-9 | Sulphuric acid | Creation | 0 tonnes | Yes |
| 7664-93-9 | Sulphuric acid | Contained in Product | 0 tonnes | Yes |

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 | Description of how an incident(s) affected quantifications | Significant Process Change | Reason for the significant process change |
|-----------|---|--|--------------------------|---|--|----------------------------------|---|
| NA - 16 | Ammonia (total) | | | | | No | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | | | | | No | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | | | | | No | |
| 7664-93-9 | Sulphuric acid | | | | | No | |

On-site Releases - Releases to air

| CAS RN | Substance Name | Category | Basis of Estimate | Detail Code | Quantity |
|----------|---|-------------------------|---------------------------------|-------------|--------------|
| NA - 16 | Ammonia (total) | Fugitive Releases | C - Mass Balance | | 4.53 tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | Stack or Point Releases | E2 - Published Emission Factors | | 1.105 tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | Stack or Point Releases | E2 - Published Emission Factors | | 1.105 tonnes |

On-site Releases - Releases to air - Total

| CAS RN | Substance Name | Total - Releases to Air |
|----------|---|-------------------------|
| NA - 16 | Ammonia (total) | 4.53 tonnes |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | 1.105 tonnes |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | 1.105 tonnes |

On-site Releases - Total

| CAS RN Substance Name | | Total releases |
|-----------------------|-----------------|----------------|
| NA - 16 | Ammonia (total) | 4.53 tonnes |

On-site Releases - Quarterly Breakdown of Annual Releases

| CAS RN | Substance Name | Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 |
|---------|-----------------|-----------|-----------|-----------|-----------|
| NA - 16 | Ammonia (total) | 25 | 25 | 25 | 25 |

On-site Releases - Monthly Breakdown of Annual Releases

| CAS RN | Substance Name | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec |
|----------|--|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 |

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 |
|-----------|--|---|--|
| 7664-93-9 | Sulphuric acid | No significant change (i.e. <10% or no change) | |
| NA - 16 | Ammonia (total) | Other (specify in comment field) | More recharge required in 2019. Recharge tends to be cyclical and less is expected for 2020. |
| 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) | |

Disposals - Reasons and Comments

| CAS RN | Substance Name | Reasons Why Substance Was Disposed | Reasons for Changes in Quantities from Previous Year | Comments |
|-----------|-----------------|------------------------------------|--|----------|
| 7664-93-9 | Sulphuric acid | | No significant change (i.e. <10% or no change) | |
| NA - 16 | Ammonia (total) | | No significant change (i.e. <10% or no change) | |

Recycling - Reasons and Comments

| CAS RN | Substance Name | Reasons Why Substance Was Recycled | Reasons for Changes in Quantities Recycled from Previous Year | Comments |
|-----------|-----------------|------------------------------------|---|----------|
| 7664-93-9 | Sulphuric acid | | No significant change (i.e. <10% or no change) | |
| NA - 16 | Ammonia (total) | | 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 |
|-----------|---|-----------------|---------------------------|-----------------|---------------------------|---|--------|----------|
| NA - 16 | Ammonia (total) | No | Enters the facility (Use) | 38.6 tonnes | 38.6 tonnes | 2017 | 0.0 | 0 |
| NA - 16 | Ammonia (total) | No | Creation | 0 tonnes | 0 tonnes | 2017 | 0 | |
| NA - 16 | Ammonia (total) | No | Contained in Product | 0 tonnes | 0 tonnes | 2017 | 0 | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Enters the facility (Use) | 0 tonnes | 0 tonnes | 2018 | 0 | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Creation | 1.105 tonnes | 1.108 tonnes | 2018 | -0.003 | -0.27 |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Enters the facility (Use) | 0 tonnes | 0 tonnes | 2018 | 0 | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Creation | 1.105 tonnes | 1.108 tonnes | 2018 | -0.003 | -0.27 |
| 7664-93-9 | Sulphuric acid | No | Enters the facility (Use) | 128.0 tonnes | 118.27 tonnes | 2017 | 9.73 | 8.23 |
| 7664-93-9 | Sulphuric acid | No | Creation | 0 tonnes | 0 tonnes | 2017 | 0 | |
| 7664-93-9 | Sulphuric acid | No | Contained in Product | 0 tonnes | 0 tonnes | 2017 | 0 | |

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

| CAS RN | Substance Name | Reason(s) for Change | Other Reason |
|-----------|---|--|--------------|
| NA - 16 | Ammonia (total) | 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 | |
| 7664-93-9 | Sulphuric acid | 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 |
|----------|---|-----------------|--------------------------------|-----------------|---------------------------|---|--------|----------|
| NA - 16 | Ammonia (total) | No | Total Releases to Air | 4.53 tonnes | 2.268 tonnes | 2018 | 2.262 | 99.74 |
| NA - 16 | Ammonia (total) | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2018 | 0 | |
| NA - 16 | Ammonia (total) | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2018 | 0 | |
| NA - 16 | Ammonia (total) | No | Total Releases to All Media | 0 tonnes | 0 tonnes | 2018 | 0 | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Total Releases to Air | 1.105 tonnes | 1.108 tonnes | 2018 | -0.003 | -0.27 |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2018 | 0 | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2018 | 0 | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | Total Releases to All Media | 0 tonnes | 0 tonnes | 2018 | 0 | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Total Releases to Air | 1.105 tonnes | 1.108 tonnes | 2018 | -0.003 | -0.27 |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Total Releases to Water | 0 tonnes | 0 tonnes | 2018 | 0 | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Total Releases to Land | 0 tonnes | 0 tonnes | 2018 | 0 | |

| CAS RN | Substance Name | Is Breakdowi | Category | Quantity | Last Reported Quantity | Reporting Period of Last Reported Quantity | Change | % Change |
|----------|--|-----------------|--------------------------------|----------|---------------------------|---|--------|----------|
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | Total Releases to All Media | 0 tonnes | 0 tonnes | 2018 | 0 | |

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

| CAS RN | Substance Name | Reason(s) for Change | Other Reason |
|----------|--|--|---|
| NA - 16 | Ammonia (total) | Other | System required more recharge in 2019 - tends to be cyclical. |
| 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 | |

Pollution Prevention

Does the facility have a documented pollution prevention plan?

Did the facility complete any pollution prevention activities in the current NPRI reporting year

If no, please select all applicable reasons from the list below:

| NI | _ |
|----|---|
| IΝ | U |

No

Substance, process or technology alternatives are unknown or unavailable Concern that product quality may decline as a result of activities

Progress on TRA Plan - Objectives

| CAS RN | Substance Name | Objectives |
|-----------|---|---|
| NA - 16 | Ammonia (total) | The objective of Toxics Reduction Plan is to • Identify the toxic substances used, created, or transferred • How they are used, created, or transferred • How their use, creation, or transfer can be reduced or eliminated |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | The objective of Toxics Reduction Plan is to • Identify the toxic substances used, created, or transferred • How they are used, created, or transferred • How their use, creation, or transfer can be reduced or eliminated |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | The objective of Toxics Reduction Plan is to • Identify the toxic substances used, created, or transferred • How they are used, created, or transferred • How their use, creation, or transfer can be reduced or eliminated |
| 7664-93-9 | Sulphuric acid | The objective of Toxics Reduction Plan is to • Identify the toxic substances used, created, or transferred • How they are used, created, or transferred • How their use, creation, or transfer can be reduced or eliminated |

Progress on TRA Plan - Use Targets

| CAS RN | Substance Name | Quantity | Years | Description of Target |
|-----------|---|--------------------|--------------------|-----------------------|
| NA - 16 | Ammonia (total) | 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 | |
| 7664-93-9 | Sulphuric acid | No quantity target | No timeline target | |

Progress on TRA Plan - Creation Targets

| CAS RN | Substance Name | Quantity | Years | Description of Target |
|-----------|---|--------------------|--------------------|-----------------------|
| NA - 16 | Ammonia (total) | 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 | |
| 7664-93-9 | Sulphuric acid | 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? | • | Provide a public summary of the description of the additional action taken |
|----------|--|--|---|--|
| NA - 16 | Ammonia (total) | No | | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | | |
| | 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? | • | Provide a public summary of the description of the additional action taken |
|-----------|-----------------------------------|--|---|--|
| NA - M10 | Particulate Matter <= 2.5 Microns | No | | |
| 7664-93-9 | Sulphuric acid | No | | |

Progress on TRA Plan - Reductions due to additional actions taken

| CAS RN | Substance Name | Reductions due to additional actions taken | Quantity |
|-----------|--|---|----------|
| NA - 16 | Ammonia (total) | The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions. | |
| NA - 16 | Ammonia (total) | The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions. | |
| NA - 16 | Ammonia (total) | 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 - 16 | Ammonia (total) | 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 - 16 | Ammonia (total) | 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 - 16 | Ammonia (total) | 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 - 16 | Ammonia (total) | 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 - 16 | Ammonia (total) | 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 - 16 | Ammonia (total) | 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. | |
| 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. | |
| 7664-93-9 | Sulphuric acid | The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions. | |
| 7664-93-9 | Sulphuric acid | The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions. | |
| 7664-93-9 | Sulphuric acid | The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions. | |
| 7664-93-9 | Sulphuric acid | 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. | |
| 7664-93-9 | Sulphuric acid | 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. | |

| CAS RN | Substance Name | Reductions due to additional actions taken | Quantity |
|-----------|----------------|---|----------|
| 7664-93-9 | Sulphuric acid | The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions. | |
| 7664-93-9 | Sulphuric acid | 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. | |
| 7664-93-9 | Sulphuric acid | 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. | |
| 7664-93-9 | Sulphuric acid | 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 |
|-----------|--|--|--|---|
| NA - 16 | Ammonia (total) | No | | |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns | No | | |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns | No | | |
| 7664-93-9 | Sulphuric acid | No | | |

Feedback

Comments on the Reporting System

Satisfied. Few technical issues and they were easily resolved.

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
Maple Leaf Foods Inc.

Certifying Official (or authorized delegate)
Joel Grant

Report Submitted by
Jim Brown

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 MECP TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 2020-07-24, I, Jim Brown, 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 |
|----------|---|
| NA - 16 | Ammonia (total) |
| NA - M09 | PM10 - Particulate Matter <= 10 Microns |
| NA - M10 | PM2.5 - Particulate Matter <= 2.5 Microns |

| 7664-93-9 | Sulphuric acid |
|---------------------------|----------------------------------|
| Company Name | |
| Maple Leaf Foods Inc. | |
| Highest Ranking Employee | |
| Jim Brown | |
| Report Submitted by | |
| Jim Brown | |
| Website address | |
| https://www.mapleleaffood | ds.com/sustainability/downloads/ |

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 |
|--------|-----------------|--------------------------------|----------|----------|---------------------|
| 2019 | 2020-07-24 | Maple Leaf Foods - Heritage | Ontario | Hamilton | NPRI,ON MECP 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: 3.16.3

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