

# National Pollutant Release Inventory (NPRI) and Partners



Canada

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## Report Preview

### Report Details

Report Year	2020
Report Type:	NPRI,ON MECP TRA
Report Status:	Submitted
Modified Date/Time:	2021-09-29 11:42 AM

### Company and Facility Details

Company Name:	Maple Leaf Foods Inc.
Business Number:	898324041
DUNS Number	241951110
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 6895 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: L0R 1P0 Country: Canada  Latitude: 43.17191 Longitude: -79.83518

### Permits

Number or Permit Number:	A-500-2092534900
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:	Shawn Gregoire
Position:	Site Leader
Telephone:	9056928098
Email:	shawn.gregoire@mapleleaf.com
Mailing Address:	Delivery Mode: General Address Line 1: 440 Glover Road City: Hannon Province/Territory: Ontario Postal Code: L0R 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: General 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 $\geq 1,900$ m <sup>3</sup> per year?	No
Did the facility operate one or more electricity generation units that had a capacity of 25 MW or more and that distributed or sold to the grid 33% or more of its potential electrical output in the calendar year?	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
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	Yes

Contaminants):

Was the facility shut down for more than one week during the year:

No

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)	3.600000	N/A	N/A	N/A	tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	0.968000	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	0.968000	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	Was the substance transferred off-site for recycling
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	0.968 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	0.968 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained in Product		

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
7664-93-9	Sulphuric acid	Use	107.461 tonnes	Yes
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		3.60 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	E2 - Published Emission Factors		0.968 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	E2 - Published Emission Factors		0.968 tonnes

### On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - 16	Ammonia (total)	3.60 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	0.968 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	0.968 tonnes

### On-site Releases - Total

CAS RN	Substance Name	Total releases
NA - 16	Ammonia (total)	3.60 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)	Less refrigerant recharge required in 2020.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other (specify in comment field)	milder winter, less gas used
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	2019	0.0	0
NA - 16	Ammonia (total)	No	Creation	0 tonnes	0 tonnes	2019	0	
NA - 16	Ammonia (total)	No	Contained in Product	0 tonnes	0 tonnes	2019	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2019	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	0.968 tonnes	1.105 tonnes	2019	-0.137	-12.40
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2019	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	0.968 tonnes	1.105 tonnes	2019	-0.137	-12.40
7664-93-9	Sulphuric acid	No	Enters the facility (Use)	107.461 tonnes	128.0 tonnes	2019	-20.539	-16.05
7664-93-9	Sulphuric acid	No	Creation	0 tonnes	0 tonnes	2019	0	
7664-93-9	Sulphuric acid	No	Contained in Product	0 tonnes	0 tonnes	2019	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	Other	milder winter, less gas burned
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	milder winter, less gas burned
7664-93-9	Sulphuric acid	Other	less required for wastewater neutralization.

### 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	3.60 tonnes	4.53 tonnes	2019	-0.93	-20.53
NA - 16	Ammonia (total)	No	Total Releases to Water	0 tonnes	0 tonnes	2019	0	
NA - 16	Ammonia (total)	No	Total Releases to Land	0 tonnes	0 tonnes	2019	0	
NA - 16	Ammonia (total)	No	Total Releases to All Media	0 tonnes	0 tonnes	2019	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	0.968 tonnes	1.105 tonnes	2019	-0.137	-12.40
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2019	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2019	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2019	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Air	0.968 tonnes	1.108 tonnes	2018	-0.140	-12.64
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	
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 less recharge in 2020 - tends to be cyclical.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	milder winter - less gas used
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	milder winter, less gas burned

## Pollution Prevention

Does the facility have a documented pollution prevention plan?

No

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

No

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

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 • Where 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 • Where 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 • Where 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 • Where 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?	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 - 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		

## Progress on TRA Plan - Reductions due to additional actions taken



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

Very satisfied. Did not encounter any technical issues, but there is room for improvement.

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

Shawn Gregoire

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 2021-09-29, I, Shawn Gregoire, 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

Shawn Gregoire

Report Submitted by

Shawn Gregoire

Website address

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
2020	2021-09-29	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: 3.18.12



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