

National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2017
Report Type:	NPRI, ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	01/06/2018 12:18 PM

Company and Facility Details

Company Name:	PepsiCo Canada ULC
Business Number:	122216930
Mailing Address:	Delivery Mode: MobileRoute Address Line 1: 8th Floor - 5550 Explorer Drive City, Province/Territory, Postal Code: Mississauga Ontario L4W0C3 Country: Canada
Facility Name:	Cambridge Manufacturing
NAICS Code:	311919
NPRI ID:	4511
ON Reg 127/01 ID:	9191
Physical Address:	Address Line 1: 1001 Bishop Street North City, Province/Territory, Postal Code: Cambridge Ontario N3H4T7 Country: Canada Land Survey Description: ON Latitude: 43.3949 Longitude: -80.3325

Parent Companies

Company Name:	PepsiCo Canada ULC
Business Number:	122216930
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 8th Floor - 5550 Explorer Drive City, Province/Territory, Postal Code: Mississauga Ontario L4W 0C3 Country: Canada

Contacts Details

Contact Type	Technical Contact, Person who prepared the report
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Position:	EHS Analyst
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Contact Type	Certifying Official, Highest Ranking Employee
Name:	Peter Ferreira
Position:	SR Plant Director
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General Information

Number of employees:	600
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting of 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:	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:	No
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

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
79-21-0	Peracetic acid (and its salts)	N/A	N/A	N/A	N/A	tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	8.6600	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	8.6600	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 MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
79-21-0	Peracetic acid (and its salts)	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
79-21-0	Peracetic acid (and its salts)	No	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
79-21-0	Peracetic acid (and its salts)	No	No	No

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
	salts)			
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
79-21-0	Peracetic acid (and its salts)	For on-site use/processing		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
79-21-0	Peracetic acid (and its salts)	Use	14.08 tonnes	No
79-21-0	Peracetic acid (and its salts)	Creation	0 tonnes	No
79-21-0	Peracetic acid (and its salts)	Contained in Product	0 tonnes	No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Use	0 tonnes	No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Creation	8.66 tonnes	No
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	8.66 tonnes	No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained in Product		
7664-93-9	Sulphuric acid	Use	268.6 tonnes	No
7664-93-9	Sulphuric acid	Creation	0 tonnes	No
7664-93-9	Sulphuric acid	Contained in Product	0 tonnes	No

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
79-21-0	Peracetic acid (and its salts)					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 - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	E1 - Site Specific Emission Factors		8.66 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	E1 - Site Specific Emission Factors		8.66 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - M09	PM10 - Particulate Matter <= 10 Microns	8.66 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	8.66 tonnes

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	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33

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

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	
79-21-0	Peracetic acid (and its salts)	No significant change (i.e. < 10%) or no change	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Changes in production levels	Reduction in production over 2017
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Changes in production levels	Overall 2017 production was reduced compared to 2016

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	
79-21-0	Peracetic acid (and its salts)		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	
79-21-0	Peracetic acid (and its salts)		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
79-21-0	Peracetic acid (and its salts)	No	Enters the facility (Use)	14.08 tonnes	12.8 tonnes	2016	1.28	10.0
79-21-0	Peracetic acid (and its salts)	No	Creation	0 tonnes	12.8 tonnes	2016	-12.8	-100
79-21-0	Peracetic acid (and its salts)	No	Contained in Product	0 tonnes	12.8 tonnes	2016	-12.8	-100
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2016	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	8.66 tonnes	9.81 tonnes	2016	-1.15	-11.72
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2016	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	8.66 tonnes	9.81 tonnes	2016	-1.15	-11.72
7664-93-9	Sulphuric acid	No	Enters the facility (Use)	268.6 tonnes	182.01 tonnes	2016	86.59	47.57
7664-93-9	Sulphuric acid	No	Creation	0 tonnes	0 tonnes	2016	0	
7664-93-9	Sulphuric acid	No	Contained in Product	0 tonnes	0 tonnes	2016	0	

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
79-21-0	Peracetic acid (and its salts)	Other	Ran more on recycled water than fresh water compared to 2016
NA - M09	PM10 - Particulate Matter <= 10 Microns	Decrease in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Decrease in production levels	
7664-93-9	Sulphuric acid	Other	increased use of sulphuric acid to maintain compliance of wastewater discharge

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 - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	8.66 tonnes	9.81 tonnes	2016	-1.15	-11.72
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2016	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	8.66 tonnes	9.81 tonnes	2016	-1.15	-11.72
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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
NA - M09	PM10 - Particulate Matter <= 10 Microns	Decrease in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Decrease in production levels	

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

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
79-21-0	Peracetic acid (and its salts)	PepsiCo Foods Canada will evaluate multiple options to reduce its use of peracetic acid
NA - M09	PM10 - Particulate Matter <= 10 Microns	Frito Lay will reduce its creation of Particulate Matter through equipment modification and spill and leak prevention
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Frito Lay plans to reduce Particulate Matter through equipment modification and spill and leak prevention
7664-93-9	Sulphuric acid	PepsiCo Foods Canada will evaluate multiple options to reduce its use of Sulfuric acid

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
79-21-0	Peracetic acid (and its salts)	7.90 tonnes	5	Evaluate centrifuge pilot study for removing more starch from recycled; Water to reduce amount of peracetic acid reacting with organics; Evaluate leak detection system (moisture sensor) in spill pallets to automatically trigger solenoid to shut off valve; b) Evaluate pressure sensor to notify when Tsunami tote runs out to prevent potential overdosing (will also improve process); b) Evaluate pressure sensor to notify when Tsunami tote runs out to prevent potential overdosing (will also improve process); b) Prevent peels and drips from entering wash box and thus from entering recycling system (e.g. cover or screen)
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	796 kg	3	Measures to make more consistent flow of wastewater and caustic to wastewater treatment i) Add buffer tank to equalize flow and smooth out peaks ii) Tighten pH controls with multiple pH injection steps iii) Add acid at clarifier instead iv) Increase size of wastewater collection pit or change pump logic v) Reduce wastewater flow variability to reduce over-feeding of acid vi) Clean out pit more regularly to minimize unuseable space

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
79-21-0	Peracetic acid (and its salts)	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 - Toxic Reduction Options Implemented

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	Public summary of the description of the steps	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	No significant actions were made during this time.	No significant actions were made during this time.	No significant actions were made during this time.	No significant actions were made during this time.
79-21-0	Peracetic acid (and its salts)	Other	No significant steps were made.	No significant steps were made.	No significant steps were made.	No significant steps were made.
79-21-0	Peracetic acid (and its salts)	Installed overflow alarms or automatic shut-off valves	Containment of chemical was upgraded, automatic shut-off valves installed	Containment of chemical was upgraded, automatic shut-off valves installed	Containment of chemical was upgraded, automatic shut-off valves installed	Containment of chemical was upgraded, automatic shut-off valves installed
79-21-0	Peracetic acid (and its salts)	Other	Operators receive training, coaching and feedback on how to appropriately manage	Operators receive training, coaching and feedback on how to appropriately manage	Operators receive training, coaching and feedback on how to appropriately manage system.	Operators receive training, coaching and feedback on how to appropriately manage

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	Public summary of the description of the steps	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
			system.	system.		system.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Modified equipment, layout or piping	reduction was made due to reduced production	reduction was made due to reduced production	reduction was made due to reduced production	reduction was made due to reduced production
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	continued execution of spill inspections/management	continued execution of spill inspections/management	continued execution of spill inspections/management	continued execution of spill inspections/management
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Modified equipment, layout or piping	No significant changes were made	No significant changes were made	No significant changes were made	No significant changes were made
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	Continued execution of spill inspections and management	Continued execution of spill inspections and management	Continued execution of spill inspections and management	Continued execution of spill inspections and management
7664-93-9	Sulphuric acid	Improved application techniques	Due to facility needs insignificant progress was made towards targets.	Due to facility needs insignificant progress was made towards targets.	Due to facility needs insignificant progress was made towards targets.	Due to facility needs insignificant progress was made towards targets.

CAS RN	Substance Name	Activity	Will the timelines in the current version of the plan will be met	Comments:
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	No	
79-21-0	Peracetic acid (and its salts)	Other	Yes	
79-21-0	Peracetic acid (and its salts)	Installed overflow alarms or automatic shut-off valves	Yes	
79-21-0	Peracetic acid (and its salts)	Other	No	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Modified equipment, layout or piping	Yes	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	Yes	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Modified equipment, layout or piping	Yes	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	Yes	
7664-93-9	Sulphuric acid	Improved application techniques	No	

Progress on TRA Plan - Reductions due to Options Implemented - Equipment or process modifications

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	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 steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	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 steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Improved rinse equipment operations	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Modified equipment, layout or piping	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Modified equipment, layout or piping	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	1.15 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Modified equipment, layout or piping	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Modified equipment, layout or piping	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	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 steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	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 steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount

Progress on TRA Plan - Reductions due to Options Implemented - Good operator practice or training

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
79-21-0	Peracetic acid (and its salts)	Other	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Other	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Other	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Other	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Other	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Other	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Other	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 steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Other	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 steps described:	No Amount
79-21-0	Peracetic acid (and its salts)	Other	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount

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
79-21-0	Peracetic acid (and its salts)	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	Reductions due to additional actions taken	Quantity
79-21-0	Peracetic acid (and its salts)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
79-21-0	Peracetic acid (and its salts)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
79-21-0	Peracetic acid (and its salts)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
79-21-0	Peracetic acid (and its salts)	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.	
79-21-0	Peracetic acid (and its salts)	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.	
79-21-0	Peracetic acid (and its salts)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
79-21-0	Peracetic acid (and its salts)	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.	
79-21-0	Peracetic acid (and its salts)	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.	
79-21-0	Peracetic acid (and its salts)	The amount of reduction in the substance recycled off-site 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 - 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.	
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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
79-21-0	Peracetic acid (and its salts)	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		

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

PepsiCo Canada ULC

Certifying Official (or authorized delegate)

Peter Ferreira

Report Submitted by

Peter Ferreira

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 01/06/2018, I, Peter Ferreira, 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
79-21-0	Peracetic acid (and its salts)
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
7664-93-9	Sulphuric acid

Company Name

PepsiCo Canada ULC

Highest Ranking Employee

Peter Ferreira

Report Submitted by

Peter Ferreira

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
2017	01/06/2018	Cambridge Manufacturing	Ontario	Cambridge	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: 3.14.0



HEALTH
healthycanadians.gc.ca

TRAVEL
travel.gc.ca

SERVICE CANADA
servicecanada.gc.ca

JOBS
jobbank.gc.ca

ECONOMY
actionplan.gc.ca

Canada.gc.ca