

National Pollutant Release Inventory (NPRI) and



Canada

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Report Preview

Report Details

Report Year

2016

Report Type:

NPRI,ON MOE TRA

Report Status:

Submitted

Modified Date/Time:

14/04/2017 2:44 PM

Company and Facility Details

Company Name:

W.R. Meadows of Canada Ltd.

Business Number:

886883149

Mailing Address:

Delivery Mode: GeneralDelivery
Address Line 1: 70 Hannant Court
City, Province/Territory, Postal Code: Milton Ontario L9T5C1
Country: Canada

Facility Name:

W.R. Meadows of Canada Ltd.

NAICS Code:

339990

NPRI ID:

4427

Physical Address:

Address Line 1: 70 Hannant Court
City, Province/Territory, Postal Code: Milton Ontario L9T5C1
Country: Canada
Latitude: 43.51830
Longitude: -79.90190
UTM Zone: 17
UTM Easting: 588751
UTM Northing: 4818948

Parent Companies

Company Name:

W.R. Meadows Inc.

Mailing Address:

PO Box: 338
Address Line 1:
City, Province/Territory, Postal Code: Hampshire Illinois 60140
Country: UnitedStates

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, Public Contact

Name:

David Carey

Position:

CHMM, Vice-President, Plant Operations

Telephone:

8472142232

Fax:	8476834544
Email:	davecarey@wrmeadows.com
Contact Type	Contractor Contact
Name:	Erik Martinez
Position:	TRA Planner
Telephone:	5198840510
Fax:	5198840525
Email:	emartinez@craworld.com
Independent contractor/consultant company name:	GHD

General Information

Number of employees:	17
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexachlorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	No
Did the facility report under other environmental regulations or permits:	No
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	No
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri
Usual Number of Operating Hours per day:	9
Usual Daily Start Time (24h) (hh:mm):	0700

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
95-63-6	1,2,4-Trimethylbenzene	0.2500	N/A	N/A	N/A	tonnes
67-64-1	Acetone	0.6200	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
95-63-6	1,2,4-Trimethylbenzene	Yes	Yes		No
67-64-1	Acetone		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
95-63-6	1,2,4-Trimethylbenzene	Yes	Yes	No
67-64-1	Acetone	Yes	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
95-63-6	1,2,4-Trimethylbenzene	No	No	No
67-64-1	Acetone	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
95-63-6	1,2,4-Trimethylbenzene		As a by-product	
67-64-1	Acetone		As a formulation component	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
95-63-6	1,2,4-Trimethylbenzene	Use	24.96 tonnes	Yes
95-63-6	1,2,4-Trimethylbenzene	Creation	0 tonnes	No
95-63-6	1,2,4-Trimethylbenzene	Contained in Product	24.96 tonnes	Yes
67-64-1	Acetone	Use	62.1 tonnes	Yes
67-64-1	Acetone	Creation	0 tonnes	No
67-64-1	Acetone	Contained in Product		

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
95-63-6	1,2,4-Trimethylbenzene					No
67-64-1	Acetone					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
67-64-1	Acetone	Stack or Point Releases	E1 - Site Specific Emission Factors		0.62 tonnes
67-64-1	Acetone	Storage or Handling Releases	E1 - Site Specific Emission Factors		0 tonnes
67-64-1	Acetone	Fugitive Releases	E1 - Site Specific Emission Factors		0 tonnes
67-64-1	Acetone	Spills	E1 - Site Specific Emission Factors		0 tonnes
67-64-1	Acetone	Other Non-point Releases	E1 - Site Specific Emission Factors		0 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
67-64-1	Acetone	0.62 tonnes

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
95-63-6	1,2,4-Trimethylbenzene	Total Quantity Released	E1 - Site Specific Emission Factors		0.25 tonnes

On-site Releases - Total

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
95-63-6	1,2,4-Trimethylbenzene	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
95-63-6	1,2,4-Trimethylbenzene		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					
95-63-6	1,2,4-Trimethylbenzene	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
95-63-6	1,2,4-Trimethylbenzene	No	Enters the facility (Use)	24.96 tonnes	23.1 tonnes	2015	1.86	8.05
95-63-6	1,2,4-Trimethylbenzene	No	Creation	0 tonnes	0 tonnes	2015	0	
95-63-6	1,2,4-Trimethylbenzene	No	Contained in Product	24.96 tonnes	23.1 tonnes	2015	1.86	8.05
67-64-1	Acetone	No	Enters the facility (Use)	62.1 tonnes	56.9 tonnes	2015	5.2	9.14
67-64-1	Acetone	No	Creation	0 tonnes	0 tonnes	2015	0	

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
95-63-6	1,2,4-Trimethylbenzene	No reasons - quantities approximately the same	
67-64-1	Acetone	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
95-63-6	1,2,4-Trimethylbenzene	No	Total Releases to Air	0 tonnes				
95-63-6	1,2,4-Trimethylbenzene	No	Total Releases to Water	0 tonnes				
95-63-6	1,2,4-Trimethylbenzene	No	Total Releases to Land	0 tonnes				
95-63-6	1,2,4-Trimethylbenzene	No	Total Releases to All Media	0.25 tonnes	0.23 tonnes	2015	0.02	8.70
67-64-1	Acetone	No	Total Releases to Air	0.62 tonnes	0.57 tonnes	2015	0.05	8.77
67-64-1	Acetone	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
67-64-1	Acetone	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
67-64-1	Acetone	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
95-63-6	1,2,4-Trimethylbenzene	No reasons - quantities approximately the same	
67-64-1	Acetone	No reasons - quantities approximately the same	

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

Yes

Pollution Prevention Activities

Category	Activity	Name and description of the other activity
Equipment or Process Modifications		
Good Operating Practice or Training	Improved maintenance scheduling, record keeping Training related to pollution prevention	
Inventory Management or Purchasing Techniques	Instituted procedures to ensure that materials do not stay in inventory beyond shelf-life	
Materials or feedstock substitution		
On-site Re-use, Recycling, or Recovery		

Category	Activity	Name and description of the other activity
Other Pollution Prevention Activities		
Product Design or Reformulation	Changed product specifications	
Spill or Leak Prevention Activities	Improved storage or stacking procedures	

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
95-63-6	1,2,4-Trimethylbenzene	The objective of this plan is for W.R. Meadows to determine the technical and economic feasibility of each reduction option available to determine, which, if any, are available for implementation at this time.
67-64-1	Acetone	The objective of this plan is for W.R. Meadows to determine the technical and economic feasibility of each reduction option available to determine, which, if any, are available for implementation at this time.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
95-63-6	1,2,4-Trimethylbenzene	No quantity target	No timeline target	
67-64-1	Acetone	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
95-63-6	1,2,4-Trimethylbenzene	No quantity target	No timeline target	
67-64-1	Acetone	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
95-63-6	1,2,4-Trimethylbenzene	No		
67-64-1	Acetone	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
95-63-6	1,2,4-Trimethylbenzene	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.	
95-63-6	1,2,4-Trimethylbenzene	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.	
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to the additional actions.	
95-63-6	1,2,4-Trimethylbenzene	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.	
95-63-6	1,2,4-Trimethylbenzene	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.	
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	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.	
67-64-1	Acetone	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.	
67-64-1	Acetone	The amount of reduction in release to land 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
67-64-1	Acetone	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.	
67-64-1	Acetone	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.	
67-64-1	Acetone	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
95-63-6	1,2,4-Trimethylbenzene	No		
67-64-1	Acetone	No		

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

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

I also acknowledge that the data will be made public.

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

Company Name

W.R. Meadows of Canada Ltd.

Certifying Official (or authorized delegate)

David Carey

Report Submitted by

David Carey

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 14/04/2017, I, David Carey, 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
95-63-6	1,2,4-Trimethylbenzene
67-64-1	Acetone

Company Name

W.R. Meadows of Canada Ltd.

Highest Ranking Employee

David Carey

Report Submitted by

David Carey

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

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2016	14/04/2017	W.R. Meadows of Canada Ltd.	Ontario	Milton	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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