

National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year	2014
Report Type:	NPRI,ON MOE TRA
Report Status:	Update 1 - Submitted
Modified Date/Time:	06/03/2017 10:25 AM
Report Update Comments:	corrections to values

Company and Facility Details

Company Name:	Eacom Timber Corporation
Business Number:	842397671
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 2110 - 1100 Rene-Levesque Boulevard West City, Province/Territory, Postal Code: Montreal Quebec H3B4N4 Country: Canada
Facility Name:	Nairn Centre Sawmill
NAICS Code:	321111
NPRI ID:	10450
Physical Address:	Address Line 1: 100 Old Nairn Road City, Province/Territory, Postal Code: Nairn Centre Ontario P0M2L0 Country: Canada Latitude: 46.33870 Longitude: -81.60590 UTM Zone: 17 UTM Easting: 453879 UTM Northing: 5131969

Permits

Number or Permit Number:	A740181
Government Department, Agency, or Program Name:	MOE--Certificate of Approval

Contacts Details

Contact Type	Technical Contact, Public Contact
Name:	Donald Drouin
Position:	Director, co-product Sales & Environment
Telephone:	7058694020
Fax:	7058692966
Email:	don.drouin@eacom.ca
Contact Type	Certifying Official, Highest Ranking Employee

Name: Bob Banchemo,

Position: General Manager - Nairn Sawmill

Telephone: 7058694020

Email: Bob.Banchemo@eacom.ca

Contact Type: Company Coordinator, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan

Name: Stephen Brown

Position: Timmins HR-OH&S

Telephone: 7052673339

Fax: 7052671755

Email: stephen.brown@eacom.ca

General Information

Number of employees: 122

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: Yes

Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants): Yes

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

Operating Schedule - Days of the Week: Mon, Tue, Wed, Thu, Fri

Usual Number of Operating Hours per day: 8

Usual Daily Start Time (24h) (hh:mm): 06:30

General Comments for Facility: 3 shutdowns in 2014

Shutdown Periods:

From 2014-06-15 To 2014-06-20: Maintenance shutdown - 1 wk

From 2014-11-02 To 2014-11-07: Main Shutdown - 1 week

From 2014-12-25 To 2014-12-31: Christmas Shutdown

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
630-08-0	Carbon monoxide	114.6000	N/A	N/A	N/A	tonnes
11104-93-1	Nitrogen oxides (expressed as NO2)	46.1000	N/A	N/A	N/A	tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	28.7980	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	14.4841	N/A	N/A	N/A	tonnes
NA - M08	Total Particulate Matter	106.3710	N/A	N/A	N/A	tonnes
NA - M16	Volatle Organic Compounds (VOCs)	81.4000	16.1000	N/A	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
630-08-0	Carbon monoxide	Yes	Yes		No
11104-93-1	Nitrogen oxides (expressed as NO2)	Yes	Yes		No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Yes	Yes		No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Yes	Yes		No
NA - M08	Total Particulate Matter	Yes	Yes		Yes
NA - M16	Volatile Organic Compounds (VOCs)	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 - M16	Volatile Organic Compounds (VOCs)		No	Yes

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 - M16	Volatile Organic Compounds (VOCs)			

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - M16	Volatile Organic Compounds (VOCs)			

Substances added to/removed from the report

CAS RN	Substance Name	Added/Removed	Comment
11104-93-1	Nitrogen oxides (expressed as NO2)	Added	corrected value of biomass burned, now NOx is in exceedance of criteria
NA - M08	Total Particulate Matter	Added	corrected value of biomass burned, now Total PM is in exceedance of criteria

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
630-08-0	Carbon monoxide	Use	0 tonnes	Yes
630-08-0	Carbon monoxide	Creation	114.6 tonnes	Yes
630-08-0	Carbon monoxide	Contained in Product		
11104-93-1	Nitrogen oxides (expressed as NO2)	Use	0 tonnes	Yes
11104-93-1	Nitrogen oxides (expressed as NO2)	Creation	46.1 tonnes	Yes
11104-93-1	Nitrogen oxides (expressed as NO2)	Contained in Product		
NA - M09	PM10 - Particulate Matter <= 10 Microns	Use	0 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Creation	28.798 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	14.484 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained in Product		
NA - M08	Total Particulate Matter	Use	0 tonnes	Yes
NA - M08	Total Particulate Matter	Creation	106.37 tonnes	Yes
NA - M08	Total Particulate Matter	Contained in Product		
NA - M16	Volatile Organic Compounds (VOCs)	Use	81.4 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	81.4 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Contained in Product		

TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity
80-56-8	Alpha-Pinene	Use	6.2 tonnes
80-56-8	Alpha-Pinene	Creation	6.2 tonnes
127-91-3	Beta-Pinene	Use	3.5 tonnes
127-91-3	Beta-Pinene	Creation	3.5 tonnes
5989-27-5	D-Limonene	Use	1.1 tonnes

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity
5989-27-5	D-Limonene	Creation	1.1 tonnes
67-56-1	Methanol	Use	5.3 tonnes
67-56-1	Methanol	Creation	5.3 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained in Product	Quantity
Use	16.1 tonnes
Creation	16.1 tonnes

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
630-08-0	Carbon monoxide					No
11104-93-1	Nitrogen oxides (expressed as NO2)					No
NA - M09	PM10 - Particulate Matter <= 10 Microns					No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns					No
NA - M08	Total Particulate Matter					No
NA - M16	Volatile Organic Compounds (VOCs)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
630-08-0	Carbon monoxide	Stack or Point Releases	E2 - Published Emission Factors		114.6 tonnes
11104-93-1	Nitrogen oxides (expressed as NO2)	Stack or Point Releases	E2 - Published Emission Factors		46.1 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	E2 - Published Emission Factors		28.777 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Road Dust	E2 - Published Emission Factors		0.021 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	E2 - Published Emission Factors		14.482 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Road Dust	E2 - Published Emission Factors		0.0021 tonnes
NA - M08	Total Particulate Matter	Stack or Point Releases	E2 - Published Emission Factors		106.19 tonnes
NA - M08	Total Particulate Matter	Road Dust	E2 - Published Emission Factors		0.181 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	E2 - Published Emission Factors		81.4 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		81.4 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
630-08-0	Carbon monoxide	114.6 tonnes
11104-93-1	Nitrogen oxides (expressed as NO2)	46.1 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	28.798 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	14.4841 tonnes
NA - M08	Total Particulate Matter	106.371 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	81.4 tonnes

On-site Releases - Releases to air - VOC Breakdown List

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	80-56-8	Alpha-Pinene	6.2 tonnes
Other Sources - Speciated VOCs	127-91-3	Beta-Pinene	3.5 tonnes
Other Sources - Speciated VOCs	5989-27-5	D-Limonene	1.1 tonnes
Other Sources - Speciated VOCs	67-56-1	Methanol	5.3 tonnes

On-site Releases - Total

On-site Releases - Monthly Breakdown of Annual Releases

CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
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CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
630-08-0	Carbon monoxide	9.28	8.44	8.86	8.86	8.86	6.33	9.71	8.44	8.86	9.28	5.91	7.17
11104-93-1	Nitrogen oxides (expressed as NO2)	9.28	8.44	8.86	8.86	8.86	6.33	9.71	8.44	8.86	9.28	5.91	7.17
NA - M09	PM10 - Particulate Matter <= 10 Microns	9.28	8.44	8.86	8.86	8.86	6.33	9.71	8.44	8.86	9.28	5.91	7.17
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	9.28	8.44	8.86	8.86	8.86	6.33	9.71	8.44	8.86	9.28	5.91	7.17
NA - M08	Total Particulate Matter	9.28	8.44	8.86	8.86	8.86	6.33	9.71	8.44	8.86	9.28	5.91	7.17
NA - M16	Volatile Organic Compounds (VOCs)	9.28	8.44	8.86	8.86	8.86	6.33	9.71	8.44	8.86	9.28	5.91	7.17

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
11104-93-1	Nitrogen oxides (expressed as NO2)	Other (specify in On-site Releases comment field)	Increase in tonnage of biomass combusted in 2014
630-08-0	Carbon monoxide	Changes in production levels	decrease in production - drying lumber from another mill , demand
NA - M08	Total Particulate Matter	Other (specify in On-site Releases comment field)	increase in tonnage of biomass combusted in 2014
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other (specify in On-site Releases comment field)	increase in tonnage of biomass combusted in 2014
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other (specify in On-site Releases comment field)	increase in tonnage of biomass combusted in 2014
NA - M16	Volatile Organic Compounds (VOCs)	Other (specify in On-site Releases comment field)	increase in tonnage of biomass burned in 2014

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
80-56-8	Alpha-Pinene	Yes	Enters the facility (Use)	6.2 tonnes	4.9 tonnes	2013	1.3	26.53
80-56-8	Alpha-Pinene	Yes	Creation	6.2 tonnes	4.9 tonnes	2013	1.3	26.53
127-91-3	Beta-Pinene	Yes	Enters the facility (Use)	3.5 tonnes	3.3 tonnes	2013	0.2	6.06
127-91-3	Beta-Pinene	Yes	Creation	3.5 tonnes	3.3 tonnes	2013	0.2	6.06
630-08-0	Carbon monoxide	No	Enters the facility (Use)	0 tonnes	43.5 tonnes	2013	-43.5	-100
630-08-0	Carbon monoxide	No	Creation	114.6 tonnes	43.5 tonnes	2013	71.1	163.45
5989-27-5	D-Limonene	Yes	Enters the facility (Use)	1.1 tonnes	1 tonnes	2013	0.1	10.0
5989-27-5	D-Limonene	Yes	Creation	1.1 tonnes	1 tonnes	2013	0.1	10.0
67-56-1	Methanol	Yes	Enters the facility (Use)	5.3 tonnes	4.4 tonnes	2013	0.9	20.45
67-56-1	Methanol	Yes	Creation	5.3 tonnes	4.4 tonnes	2013	0.9	20.45
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Enters the facility (Use)	0 tonnes	20.8 tonnes	2013	-20.8	-100
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Creation	46.1 tonnes	20.8 tonnes	2013	25.3	121.63
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	9.5 tonnes	2013	-9.5	-100
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	28.798 tonnes	9.5 tonnes	2013	19.298	203.14
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0 tonnes	5.0 tonnes	2013	-5.0	-100
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	14.484 tonnes	5.0 tonnes	2013	9.484	189.68

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
630-08-0	Carbon monoxide	Other	increase in tonnes of biomass combusted in 2014

CAS RN	Substance Name	Reason(s) for Change	Other Reason
11104-93-1	Nitrogen oxides (expressed as NO2)	Other	NOx now correctly reported as a product of combustion of other substances entering the facility; no NOx enters the facility. There was also an increase in the tonnage of biomass combusted in 2014.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	decrease in production
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	increase in tonnage of biomass combusted in 2014
NA - M16	Volatile Organic Compounds (VOCs)	Other	increase in tonnage of biomass burned in 2014

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
80-56-8	Alpha-Pinene	Yes	Total Releases to Air	6.2 tonnes	4.9 tonnes	2013	1.3	26.53
127-91-3	Beta-Pinene	Yes	Total Releases to Air	3.5 tonnes	3.3 tonnes	2013	0.2	6.06
630-08-0	Carbon monoxide	No	Total Releases to Air	114.6 tonnes	43.5 tonnes	2013	71.1	163.45
630-08-0	Carbon monoxide	No	Total Releases to Water	0 tonnes	0 tonnes	2013	0	
630-08-0	Carbon monoxide	No	Total Releases to Land	0 tonnes	0 tonnes	2013	0	
630-08-0	Carbon monoxide	No	Total Releases to All Media	0 tonnes				
67-56-1	Methanol	Yes	Total Releases to Air	5.3 tonnes	4.4 tonnes	2013	0.9	20.45
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Total Releases to Air	46.1 tonnes	20.8 tonnes	2013	25.3	121.63
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Total Releases to Water	0 tonnes	0 tonnes	2013	0	
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Total Releases to Land	0 tonnes	0 tonnes	2013	0	
11104-93-1	Nitrogen oxides (expressed as NO2)	No	Total Releases to All Media	0 tonnes				
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	28.798 tonnes	9.5 tonnes	2013	19.298	203.14
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2013	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2013	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	14.4841 tonnes	5.0 tonnes	2013	9.4841	189.68
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2013	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2013	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
630-08-0	Carbon monoxide	Other	Increase in tonnes of biomass combusted in 2014
11104-93-1	Nitrogen oxides (expressed as NO2)	Other	increase in tonnage of biomass combusted in 2014.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	decrease in production in 2014
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	increase in tonnage of biomass combusted in 2014
NA - M16	Volatile Organic Compounds (VOCs)	Other	increase in tinnage of biomass burned in 2014

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
80-56-8	Alpha-Pinene	No Objectives

CAS RN	Substance Name	Objectives
127-91-3	Beta-Pinene	No Objectives
630-08-0	Carbon monoxide	No objective
5989-27-5	D-Limonene	No Objectives
67-56-1	Methanol	No Objectives
NA - M09	PM10 - Particulate Matter <= 10 Microns	No objectives
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No Objective

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
80-56-8	Alpha-Pinene	No quantity target	No timeline target	
127-91-3	Beta-Pinene	No quantity target	No timeline target	
630-08-0	Carbon monoxide	No quantity target	No timeline target	
5989-27-5	D-Limonene	No quantity target	No timeline target	
67-56-1	Methanol	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	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
80-56-8	Alpha-Pinene	No quantity target	No timeline target	
127-91-3	Beta-Pinene	No quantity target	No timeline target	
630-08-0	Carbon monoxide	No quantity target	No timeline target	
5989-27-5	D-Limonene	No quantity target	No timeline target	
67-56-1	Methanol	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	

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
80-56-8	Alpha-Pinene	No		
127-91-3	Beta-Pinene	No		
630-08-0	Carbon monoxide	No		
5989-27-5	D-Limonene	No		
67-56-1	Methanol	No		
NA - M09	PM10 - Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
80-56-8	Alpha-Pinene	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
80-56-8	Alpha-Pinene	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
80-56-8	Alpha-Pinene	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
80-56-8	Alpha-Pinene	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.	
80-56-8	Alpha-Pinene	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.	
80-56-8	Alpha-Pinene	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
80-56-8	Alpha-Pinene	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.	
80-56-8	Alpha-Pinene	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.	
80-56-8	Alpha-Pinene	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 to be taken	Quantity
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.	

Progress on TRA Plan - Amendments

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description of 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
80-56-8	Alpha-Pinene	No		
127-91-3	Beta-Pinene	No		
630-08-0	Carbon monoxide	No		
5989-27-5	D-Limonene	Yes	Original plan did not populate D-limonene in plan from the in 2013 inventory. D-Limonene, was added to the plan and amendment was certified. 1 st year added D-limonene , 2014 npri, D-limonene, quantities do not meet threshold reportable.	D-limonene is one of the most common terpenes in nature . It is created as an emission in the steam-vapours during the high temperature drying of the lumber. EACOM TIMBER CORPORATION has confirmed that, as a result of its technical and economic investigations, it will not be implementing any of the 7 options that might specifically and measurably reduce D-limonene identified in the plan. However, the Company will continue its preventative maintenance and training to maximize the efficiency and keep the emissions from our Dry Kilns at minimal amount by maintaining an efficient heat dry time. We must dry lumber to standards allowing D-limonene to be extracted in vapor form during the drying process. It is neither technically nor economically feasible to change our feedstock as Eacom's customer base will not accept a substitute. D-limonene is being reported in the 2013, year as quantity of lumber has increased – resulting in Eacom meeting the threshold limits to report. We cannot change our product design as the finished products are natural lumber from Natural logs/round wood which comes from trees. We must still heat treat the product in our Dry Kilns, so no reformulation will reduce emissions. - There are no additives/elements being used in the process to cause the toxic Substances changing the equipment or processes will not eliminate D-limonene extracted into the emission. The company investigated the practicability of air drying the lumber followed by CFIA's mandated heat treating program. Costs are significantly increased and because of customer demand we would not meet our order files as air drying wood takes approx. 4 to 5 months to complete. During the commencement of the plan, the company evaluated any opportunities to reuse or recycle the steam emitting the toxic substance. The company was unable to find any practicable or economic use for kiln steam. No reclamation of steam by-product for use exists. Kiln designs do not collect the steam by products because it is not economic to do so. The company is unable to provide improved inventory management or purchasing techniques that will reduce emissions. Logs/round wood from natural trees are our direct feedstock that is coming from cutting rights of the forest. The bulk of D-limonene is the by-product of black spruce and white spruce and Pines. However, we cannot change or control the amount or selection of logs being allocated to us by the provincial government. Further, our final product is a spruce pine fir product, (S.P.F.) and elimination of black spruce and white spruce and pine is not possible. Although mediation in training or improved operating practices will not provide a measurable reduction in emissions, the company is dedicated to ensuring the Kiln dry period is at maximum efficiency. It is our goal to keep dry times at minimal amount and therefore creating fewer emissions. We are committed to managing our process in a manner which controls emissions to the greatest extent possible within the technical and economic constraints of our industry.
67-56-1	Methanol	No		
	PM10 -			

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description of 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 - M09	Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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

Eacom Timber Corporation

Certifying Official (or authorized delegate)

Bob Banchemo,

Report Submitted by

Stephen 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 MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 06/03/2017, I, Bob Banchemo,, 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
80-56-8	Alpha-Pinene
127-91-3	Beta-Pinene
630-08-0	Carbon monoxide
5989-27-5	D-Limonene
67-56-1	Methanol
11104-93-1	Nitrogen oxides (expressed as NO2)
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
NA - M08	Total Particulate Matter
NA - M16	Volatile Organic Compounds (VOCs)

Company Name

Eacom Timber Corporation

Highest Ranking Employee

Bob Banchemo,

Report Submitted by

Stephen Brown

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
2014	06/03/2017	Nairn Centre Sawmill	Ontario	Nairn Centre	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: 3.11.4



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