

Plan Summary Preview

Company Details

Company Legal Name

Eacom Timber Corporation

Company Address

1100 Rene-Levesque Boulevard West, Montreal (Quebec)

Report Details

NPRI ID

10450

Facility Name

Nairn Centre Sawmill

Facility Address

100 Old Nairn Road, Nairn Centre (Ontario)

Update Comments

Activities

Contacts

Select the Facility Contacts

Facility Contacts

Please assign the appropriate contact under each category below.

Public Contact: *

Donald Drouin

Highest Ranking Employee

Jacques Goulet

Person responsible for Toxic Substance Reduction Plan preparation

Donald Drouin

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name: *

Company Trade Name: *

Business Number: *

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

Physical Address

Address Line 1

City

Province/Territory **

Postal Code **

Additional Information

Land Survey Description

National Topographical Description

Parent Companies

Eacom Timber Corporation

Company Legal Name: *

Percentage owned: *

Business Number: **

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

Country *

Physical Address

Address Line 1

City

Province/Territory **

Postal Code **

Country

Additional Information

Land Survey Description

National Topographical Description

Facility Validation

The information in this section was copied from the Single Window Information Manager (SWIM) at the time the plan summary was created. Please verify the information and update it where required. Please note that any changes made here will only be reflected in this plan summary. To ensure updates reflected in future

reports, please ensure the information is updated in SWIM. After making updates in SWIM, return here and click the "Refresh" button to trigger a reload of the SWIM information. Please note all previously entered data will be modified.

Facility Information

| | |
|------------------|---|
| Facility Name: * | <input type="text" value="Nairn Centre Sawmill"/> |
| NAICS Code: * | <input type="text" value="321111"/> |
| NPRI Id: * | <input type="text" value="10450"/> |
| ON Reg 127/01 Id | <input type="text" value="6944"/> |

Facility Mailing Address

| | |
|-----------------------|---|
| Delivery Mode | <input type="text" value="General Delivery"/> |
| PO Box | <input type="text"/> |
| Rural Route Number | <input type="text"/> |
| Address Line 1 | <input type="text" value="100 Old Nairn Road"/> |
| City * | <input type="text" value="Nairn Centre"/> |
| Province/Territory ** | <input type="text" value="Ontario"/> |
| Postal Code: ** | <input type="text" value="P0M 2L0"/> |

Physical Address

| | |
|------------------------------------|---|
| Address Line 1 | <input type="text" value="100 Old Nairn Road"/> |
| City | <input type="text" value="Nairn Centre"/> |
| Province/Territory ** | <input type="text" value="Ontario"/> |
| Postal Code ** | <input type="text" value="P0M 2L0"/> |
| Additional Information | <input type="text"/> |
| Land Survey Description | <input type="text"/> |
| National Topographical Description | <input type="text"/> |

Geographical Address

| | |
|-----------------|--|
| Latitude ** | <input type="text" value="46.33870"/> |
| Longitude ** | <input type="text" value="-81.60590"/> |
| UTM Zone ** | <input type="text" value="17"/> |
| UTM Easting ** | <input type="text" value="453879"/> |
| UTM Northing ** | <input type="text" value="5131969"/> |

Contact Validation

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Contacts

Public Contact

| | |
|---------------|--|
| First Name: * | <input type="text" value="Donald"/> |
| Last Name: * | <input type="text" value="Drouin"/> |
| Position: * | <input type="text" value="Director, Sales & Environment"/> |
| Telephone: * | <input type="text" value="7058694020"/> |
| Ext | <input type="text" value="201"/> |
| Fax | <input type="text" value="7058692966"/> |
| Email: * | <input type="text" value="don.drouin@eacom.ca"/> |

Mailing Address

| | |
|--------------------|----------------------|
| Delivery Mode | <input type="text"/> |
| PO Box | <input type="text"/> |
| Rural Route Number | <input type="text"/> |
| Address Line 1 | <input type="text"/> |

100 Old Nairn Road

City *

Nairn Centre

Province/Territory **

Ontario

Postal Code: **

P0M2L0

Highest Ranking Employee

First Name: *

Jacques

Last Name: *

Goulet

Position: *

Mill Manager

Telephone: *

7058694020

Ext

270

Fax

Email: *

Jacques.Goulet@ecom.ca

Mailing Address

Delivery Mode

General Delivery

PO Box

Rural Route Number

Address Line 1

100 Old Nairn Road

City *

Nairn Centre

Province/Territory **

Ontario

Postal Code: **

P0M 2L0

Person responsible for the Toxic Substance Reduction Plan preparation

First Name: *

Donald

Last Name: *

Drouin

| | |
|--------------|--|
| Position: * | <input type="text" value="Director, Sales & Environment"/> |
| Telephone: * | <input type="text" value="7058694020"/> |
| Ext | <input type="text" value="201"/> |
| Fax | <input type="text" value="7058692966"/> |
| Email: * | <input type="text" value="don.drouin@ecom.ca"/> |

Mailing Address

| | |
|-----------------------|---|
| Delivery Mode | <input type="text"/> |
| PO Box | <input type="text"/> |
| Rural Route Number | <input type="text"/> |
| Address Line 1 | <input type="text" value="100 Old Nairn Road"/> |
| City * | <input type="text" value="Nairn Centre"/> |
| Province/Territory ** | <input type="text" value="Ontario"/> |
| Postal Code: ** | <input type="text" value="P0M2L0"/> |

Employees

Employees

Number of Full-time Employees: *

Copy of Certifications of Plan

Copy of Certifications of Plan

Upload Document

A copy of the certification statement(s) from the Highest Ranking Employee and the Licensed Planner(s), for the Toxic Substance Reduction Plan for which the Plan Summary is being submitted are required. Please upload a single document containing all certifications.

Do not upload any certification statements that are dated after December 31. If this applies, click "?" (Help) for more information.

Comments

Website address where the Plan Summary is posted for the public

www.eacom.com

File Name

Date

2016 signed statements.pdf

30/05/2017 4:47:34 PM

Plan Summary Submission

Electronic Submission

Company Name

Eacom Timber Corporation

Facility Name

Nairn Centre Sawmill

Report Submitted By (authorized delegate)

Angela Rainville

I, the authorized delegate, acknowledge that by pressing the "Continue" button, I am electronically submitting the facility TRA Plan Summary for the identified facility.

Substances

11104-93-1, Nitrogen oxides (expressed as NO2)

11104-93-1, Nitrogen oxides (expressed as NO2)

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

EACOM Timber Corporation does not use nitrogen oxides during any of the site processes. It is created during the site processes as a by-product of the burning of biomass and natural gas used to provide energy for the site. The company will continue to investigate opportunities to minimize its nitrogen oxide emissions.

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

EACOM Timber Corporation does not intend to reduce its creation of nitrogen oxide as it is a by-product of essential site processes. nitrogen oxides are created from the burning of biomass and natural gas which provide energy for the site processes. The company will continue to investigate opportunities to minimize its nitrogen oxide emissions.

Objectives, Targets and Description

Objectives

Objectives in plan: *

no objectives

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

Summarize why the toxic substance is used at the facility: **

Reasons for Creation

Why is the toxic substance created at the facility?: *

Summarize why the toxic substance is created at the facility: **

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option.
Explanation of the reasons why no option will be implemented: **

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 nitrogen oxide identified in the plan. However, the Company will continue its preventative maintenance and training to maximize the efficiency and keep the emissions from our Konus biomass fuel burning at to a minimum by maintaining an efficient operation and to manufacture according to C of A mandates.

Although a focus in training or improved operating practices will not provide a measurable reduction in emissions, the company is dedicated to ensuring the Konus operates at maximum efficiency. It is our goal to keep operational times to a minimum and doing so will ensure that less biomass will be used 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. Furthermore, the company will always keep an open mind of the option of burning a cleaner fuel such as natural gas, when it is practicable to do so and available at the location.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

What version of the plan is this summary based on?: *

Amended Plan

64-17-5, Ethanol

64-17-5, Ethanol

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

Ethanol is not used at the facility during any of the site processes. Ethanol is naturally contained within the raw feed stock (wood), and is released during the kiln drying process on site. The final product must be heat treated as required by law. There is no current technology to collect the ethanol created during this process.

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

Ethanol is not used at the facility during any of the site processes. Ethanol is naturally contained within the raw feed stock (wood), and is released during the kiln drying process on site. The final product must be heat treated as required by law. There is no current technology to collect the ethanol created during this process. The company is committed to running its heat treat process at maximum efficiency to prevent excess emissions and minimize unwanted delays in heat treatment process times. The company will continue to search for opportunities to reduce its creation of toxic substances.

Objectives, Targets and Description

Objectives

Objectives in plan: *

no objectives

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

| No quantity target | Quantity | Unit |
|-------------------------------------|----------|----------------------|
| <input checked="" type="checkbox"/> | or | <input type="text"/> |

What is the targeted timeframe for this reduction? *

| | |
|-------------------------------------|-------------------------|
| No timeline target | years |
| <input checked="" type="checkbox"/> | or <input type="text"/> |

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

| No quantity target | Quantity | Unit |
|-------------------------------------|----------|----------------------|
| <input checked="" type="checkbox"/> | or | <input type="text"/> |

What is the targeted timeframe for this reduction? *

| | |
|-------------------------------------|-------------------------|
| No timeline target | years |
| <input checked="" type="checkbox"/> | or <input type="text"/> |

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

This substance is not used at the facility

Summarize why the toxic substance is used at the facility: **

The toxic substance is not used at the facility, it is a natural component of the raw feedstock (wood)

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

Ethanol is a volatile organic compound and is naturally contained within the raw feed stock. The final lumber products manufactured at the facility must be heat treated by law, and during the kiln drying process, ethanol is released from the wood.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option.
Explanation of the reasons why no option will be implemented: **

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 ethanol emissions 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 to a minimum by maintaining an efficient heat dry time.

We must dry lumber to standards allowing ethanol to be evaporated 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.

We cannot change our product design as the finished products are natural lumber from 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 create toxic substances. Changing the equipment or processes will not eliminate the creation of ethanol emissions. 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 emitted from the kilns containing 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 economically feasible 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 ethanol emissions are the by-product of the drying of black spruce and white spruce. However, we cannot change or control the amount or selection of logs being allocated to us by the provincial government. Furthermore, our final product is a spruce pine fir product, (S.P.F.) and elimination of black spruce and white spruce 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 Kilns are operating at maximum efficiency to reduce drying time. It is our goal to keep dry times at minimum and therefore reducing 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.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

What version of the plan is this summary based on?: *

NA - M08, Total Particulate Matter

NA - M08, Total Particulate Matter

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the

toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

The majority of the total particulate matter emissions are created during the burning of biomass (sawdust and bark removed during the process of producing lumber from logs). Due to location of the sawmill, the sawmill currently burns natural gas which minimizes the creation of total particulate matter. However, biomass is used to heat the majority of the kilns. The biomass is the largest contributor of the creation of TPM emissions. The company will continue to investigate opportunities to minimize its TPM emissions and possibly one day eliminate the Konus (biomass fuel burner), however the majority of kilns are currently designed to be heated by the existing Konus. Running all natural gas would require brand new kilns specially designed for natural gas fueled heat energy.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

| No quantity target | Quantity | Unit |
|-------------------------------------|-------------------------|----------------------|
| <input checked="" type="checkbox"/> | or <input type="text"/> | <input type="text"/> |

What is the targeted timeframe for this reduction? *

| No timeline target | years |
|-------------------------------------|-------------------------|
| <input checked="" type="checkbox"/> | or <input type="text"/> |

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

| No quantity target | Quantity | Unit |
|--------------------------|----------------------|----------------------|
| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> |

or

What is the targeted timeframe for this reduction? *

No timeline target **years**

or

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

This substance is not used at the facility

Summarize why the toxic substance is used at the facility: **

the substance is not used at the facility, but is contained naturally in the feedstock and biomass fuel used to heat the kilns.

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

Created mostly from the burning of biomass in the Konus burner which heats the kilns. Biomass is comprised of sawdust and bark which are by-products of site processes which turn logs into kiln dried dimensional lumber. the burning of biomass is the required fuel of the Konus which heats the kilns for the mandatory drying of the feedstock - Round wood/Logs.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option. Explanation of the reasons why no option will be implemented: **

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 total particulate matter emissions identified in the plan. However, the Company will continue its preventative maintenance and training to maximize the efficiency of our kilns, thereby reducing total particulate matter emissions from biomass burning at a minimum by maintaining an efficient operation and to manufacture according to C of A mandates.

Although a focus in training or improved operating practices will not provide a measurable reduction in emissions, the company is dedicated to ensuring the Konus operates at maximum efficiency. It is our goal to keep operational times at a minimum thereby 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.

Furthermore, the company will continue researching for cleaner fuel options such as natural gas, when it is practicable to do so and available at the location.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

What version of the plan is this summary based on?: *

Amended Plan