

Plan Summary Preview

Company Details

Company Legal Name:

Trent Timber Treating Ltd.

Company Address:

321 Lansdowne Street East Street East, Peterborough (Ontario)

Report Details

Facility:

Trent Timber Treating Ltd.

Facility Address:

321 Lansdowne Street, Peterborough (Ontario)

Update Comments:

Activities

Contacts

Facility Contacts

Public Contact:

Thomas Moryto

Highest Ranking Employee:

Thomas Moryto

Person responsible for Toxic Substance Reduction Plan preparation:

Darryl Chartrand

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name:

Trent Timber Treating Ltd.

Company Trade Name:

Trent Timber Treating Ltd.

Business Number:

105379317

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

Ram Forest Group Inc.

Company Legal Name:

Ram Forest Group Inc.

Percentage owned:

100.00

Business Number:

876434242

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

Facility Validation

Facility Information

Facility:

NAICS Id:

NPRI Id:

ON Reg 127/01 Id:

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

Geographical Address

Latitude

Longitude

UTM Zone

UTM Easting

UTM Northing

Contact Validation

Contacts

Public Contact:

First Name:

Last Name:

Position:

Telephone:

Ext:

Fax:

Email:

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City**

Province/Territory**

Postal Code:**

Highest Ranking Employee:

First Name:

Last Name:

Position:

Telephone:

Ext:

Fax:

Email:

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City**

Province/Territory**

Postal Code:**

Person responsible for the Toxic Substance Reduction Plan preparation:

First Name:

Last Name:

Position:

Telephone:

Ext:

Fax:

Email:

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City**

Province/Territory**

Postal Code:**

Employees

Employees

Number of Full-time Employees:

25

Substances

NA - 06, Copper (and its compounds)

NA - 06, Copper (and its compounds)

Substances Section Data

Statement of Intent

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?:

Yes

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:**

Copper is currently used by Trent Timber Treating Ltd as a wood preservative. We intend to reduce the use of this toxic substance at the facility. This facility does not create copper or its compounds.

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?:

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:**

Copper is not created at the facility.

Objectives, Targets and Description

Objectives

Objectives in plan:

Trent will strive to reduce the use of Copper at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which are viable for implementation at this time.

Use Targets

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

		Quantity (tonnes)	Unit
<input type="checkbox"/>	No quantity target	or	6420 kg

What is the targeted timeframe for this reduction?

<input type="checkbox"/>	No timeline target	or	2 years
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Description of targets:

Trent intends to reduce the use of copper by 11.8 per cent (6420 kg) per years for 1-2 years. The market conditions for the new treatment system and product will be evaluated after this initial period and may be expanded.

Creation Targets

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

		Quantity (tonnes)	Unit
<input checked="" type="checkbox"/>	No quantity target	or	

What is the targeted timeframe for this reduction?

<input checked="" type="checkbox"/>	No timeline target	or	
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Description of Target:

Reasons for Use

Why is the toxic substance used at the facility?:

Ancillary other use

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

Copper, in the form of Alkaline Copper Quaternary (ACQ), is used as the wood preservative at this wood preservation facility.

Reasons for Creation

Why is the toxic substance created at the facility?:

This substance is not 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?:

No

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:**

Materials or feedstock substitution

Product design or reformulation

Modified design or composition

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?:

Modified design or composition

Describe the option:

The amount of ACQ used in the treatment process could be reduced by substituting ACQ with a new micronized copper wood preservative (MCA). The newly developed treatment is a particulate-based copper compound, which has a higher adhesion rates and much less leaching potential than the ACQ currently used. ACQ is already a much more environmentally friendly alternative to CCA, which was discontinued by Trent in December 2003. Trent will continue to monitor new product development from suppliers and industry groups and will implement more environmentally friendly treatment feedstock if technologically and economically feasible.

Estimates

Estimate of the amount by which the use of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the creation of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the toxic substance contained in the product leaving the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the total releases to air of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the total releases to water of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the total releases to land of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the disposals on-site (including tailing and waste rock) of the toxic substance at the facility will be reduced as a result on implementing this option:

N/A tonnes %

Estimate of the amount by which the disposals off-site of the toxic substance at the facility will be reduced as a result on implementing this option:

N/A tonnes %

Estimate of the amount by which total recycling off-site of the toxic substance at the facility will be reduced as a result on implementing this option:

N/A tonnes %

Timelines

Anticipated timelines for achieving the estimated reduction of the use of the toxic substance:

N/A years

Anticipated timelines for achieving the estimated reduction of the creation of the toxic substance:

N/A years

Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Good operator practice or training

Rationale for why the listed options were chosen for implementation:

The partial replacement of ACQ with MCA is feasible if one of the pressure treating cylinders is fitted for application of the MCA. The preservative will be supplied by Timber Specialties Inc. The compound has already been accepted for use by Health Canada (PMRA) and the preservation characteristics of the new compounds are good. The application process time is similar to ACQ and time would be saved on the post-treatment stage, where drying is not required. Also, leaching of the product due to moisture/water while in storage prior to shipment is negligible. This option is also economically feasible with an anticipated saving of \$71,899 per year and an anticipated capital cost payback period of 1.7 years.

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):

TSRP0123

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

TSRP0123

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

New Plan