

Toxics Reduction Act Public Annual Report 2014

The legal and trade names of the owner and the operator of the facility, the street address of the facility and, if the mailing address of the facility is different from the street address, the mailing address.(See below)

Tembec Hearst Sawmill
67 Fontaine Drive
P.O. Box 880
Hearst ON
POL 1N0

Facility NPRI identification number

7232

The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01.

-

Number of full-time employees

134

North American Industry Classification System (NAICS) - 2, 4, and 6 digit codes

31-33 - Manufacturing
3211 - Sawmills & Wood Preservation
321111 - Sawmills

If applicable, the name, position and telephone number of the individual who is the contact at the facility for the public:
Public Contact (if applicable)

Linda Coates
VP – Communications & Corporate Affairs
(416) 775-2819

Title

Phone Number

Address of each person below if not the same as the facility

Facility Name

Address 1

Address 2

City

Province

Postal Code

Tembec Hearst Sawmill
67 Fontaine Drive
P.O. Box 880
Hearst
ON
POL 1N0

UTM coordinates, x and y

Datum

X	307951.4	Y	5507884.7
			WGS84

Legal name of Canadian parent company, if your facility is a subsidiary of a Canadian parent company

Parent company name

Address 1

Address 2

City

Province

Postal Code

Percent Ownership

Tembec
10, chemin Gatineau
Temiscaming
QC
JOZ 3R0
100%

Substance Accounting Information

Substance:
CAS Number:

alpha-Pinene
80-56-8

On a facility-wide basis:

Amount Units

Amount that entered the facility as the substance itself or as a constituent of another substance:

0.000	Mg
-------	----

The amount of substance that was created:

5.229	Mg
-------	----

The amount of substance that was contained in product:

0.000	Mg
-------	----

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

Substance:
CAS Number:

beta-Pinene
127-91-3

On a facility-wide basis:

Amount Units

Amount that entered the facility as the substance itself or as a constituent of another substance:

0.000	Mg
-------	----

The amount of substance that was created:

2.140	Mg
-------	----

The amount of substance that was contained in product:

0.000	Mg
-------	----

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Substance:
CAS Number:

Methanol
67-56-1

On a facility-wide basis:

Amount Units

Amount that entered the facility as the substance itself or as a constituent of another substance:

0.000	Mg
-------	----

The amount of substance that was created:

3.803	Mg
-------	----

The amount of substance that was contained in product:

0.000	Mg
-------	----

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

Substance Accounting Information

Substance:
CAS Number:

PM10
NA-M09

On a facility-wide basis:

Amount Units

Amount that entered the facility as the substance itself or as a constituent of another substance:

0.000	Mg
-------	----

The amount of substance that was created:

1.098	Mg
-------	----

The amount of substance that was contained in product:

NA	Mg
----	----

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Substance:
CAS Number:

PM2.5
NA-M10

On a facility-wide basis:

Amount Units

Amount that entered the facility as the substance itself or as a constituent of another substance:

0.000	Mg
-------	----

The amount of substance that was created:

0.178	Mg
-------	----

The amount of substance that was contained in product:

NA	Mg
----	----

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

Comparison of Annual Reported Amounts

Substance:	alpha-Pinene																				
CAS Number:	80-56-8																				
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CAS Number:	67-56-1																				
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Comparison of Annual Reported Amounts

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CAS Number:	NA-M09																				
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Annual Progress Report

Substances for which toxic substance reduction plans have been prepared:

Substance	CASRN
alpha-Pinene	80-56-8
beta-Pinene	127-91-3
Methanol	67-56-1
Particulate Matter less than or equal to 10 microns (PM ₁₀)	NA-M09
Particulate Matter less than 2.5 microns (PM _{2.5})	NA-M10

Plan Objectives

Tembec's goal is to reduce the creation of alpha-Pinene, beta-Pinene, Methanol, PM₁₀, and PM_{2.5} where technically and economically feasible by the timetable noted in the plan. We will achieve these reductions through procedure improvements and employee education and training. It is important to note that methanol and its precursors are naturally in the wood materials used by the facility and that most current research seeks to abate methanol and VOC emissions using end of pipe controls. There are currently no reduction options that have been identified for PM10 and PM2.5 that are both technically and economically feasible for these substances.

Toxics Reduction Progress

The decreases in the estimated quantity of alpha-Pinene, beta-Pinene, and Methanol created and released by the facility are due to a decrease in the quantity of kiln dried lumber produced in 2014. Reductions in the quantities of PM10 and PM2.5 created and released are due to using updated emission factors available in the 2014 NCASI NPRI guidance document. Note that while the factors have been updated in the recent issued reference documents, the estimation methodology remains unchanged for this substance. In the case of PM2.5, this results in a total quantity less than the applicable release based threshold and an exit record has been filed for this substance.

Plan Implementation Progress

Steps taken during the reporting period were those outlined in the plan for this substance and include operational improvements related to lumber drying specifically green lumber sorting and standard operating procedures for the kilns (ONT-SPF-446-04-v2 – Acrolein) which were completed previously. There were no deviations from or amendments made to the plan in the reporting period. The timetable outlined in the plan will be met.

Based on the above noted steps being implemented, there were no estimated reductions in the quantities of the applicable substances created and released over the 2013 quantity that were attributable to the plan. One reduction option for these TRA substances is scheduled for implementation in 2016 and therefore these reductions are not possible yet. The estimated reductions of these substances will be continued to be monitored over the following years to ensure the overall targets are met.

As of May 29, I certify that I have read the reports on the toxic substance reduction plans for the above noted substances and am familiar with their contents and to my knowledge the information contained in the reports are factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

The original version of this report is signed off by: Highest Ranking Employee:

Title:

Phone Number:

Gilles Fontaine
General Manager
(705) 335-9137