

**Toxics Reduction Act Public Annual Report - Calendar 2015**

<p>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)</p>	<table border="1"> <tr><td>Tembec Kapuskasing</td></tr> <tr><td>1 Government Road</td></tr> <tr><td>P.O. Box 100</td></tr> <tr><td>Kapuskasing ON</td></tr> <tr><td>P5N 2Y2</td></tr> </table>	Tembec Kapuskasing	1 Government Road	P.O. Box 100	Kapuskasing ON	P5N 2Y2			
Tembec Kapuskasing									
1 Government Road									
P.O. Box 100									
Kapuskasing ON									
P5N 2Y2									
<p>Facility NPRI identification number</p>	<table border="1"> <tr><td align="center">002173</td></tr> </table>	002173							
002173									
<p>The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01.</p>	<table border="1"> <tr><td align="center">5625</td></tr> </table>	5625							
5625									
<p>Number of full-time employees</p>	<table border="1"> <tr><td align="center">480</td></tr> </table>	480							
480									
<p>North American Industry Classification System (NAICS) - 2, 4, and 6 digit codes</p>	<table border="1"> <tr><td>31-33 - Manufacturing</td></tr> <tr><td>3221 - Pulp, Paper &amp; Paperboard Mills</td></tr> <tr><td>322122 - Newsprint Mills</td></tr> </table>	31-33 - Manufacturing	3221 - Pulp, Paper & Paperboard Mills	322122 - Newsprint Mills					
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322122 - Newsprint Mills									
<p>If applicable, the name, position and telephone number of the individual who is the contact at the facility for the public:</p>	<table border="1"> <tr><td>Linda Coates</td></tr> <tr><td>VP - Communications and Public Affairs</td></tr> <tr><td>416-775-2819</td></tr> </table>	Linda Coates	VP - Communications and Public Affairs	416-775-2819					
Linda Coates									
VP - Communications and Public Affairs									
416-775-2819									
<p>Public Contact (if applicable)</p>									
<p>Title</p>									
<p>Phone Number</p>									
<p>Address of each person below if not the same as the facility</p>									
<p>Facility Name</p>	<table border="1"> <tr><td align="center">Tembec Kapuskasing</td></tr> </table>	Tembec Kapuskasing							
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<p>City</p>	<table border="1"> <tr><td align="center">Kapuskasing</td></tr> </table>	Kapuskasing							
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<p>Province</p>	<table border="1"> <tr><td align="center">ON</td></tr> </table>	ON							
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<p>UTM coordinates, x and y</p>	<table border="1"> <tr> <td>X</td> <td align="center">396647.6</td> <td>Y</td> <td align="center">5473830</td> </tr> <tr> <td>Datum</td> <td></td> <td></td> <td align="center">WGS84</td> </tr> </table>	X	396647.6	Y	5473830	Datum			WGS84
X	396647.6	Y	5473830						
Datum			WGS84						
<p>Legal name of Canadian parent company, if your facility is a subsidiary of a Canadian parent company</p>									
<p>Parent company name</p>	<table border="1"> <tr><td align="center">Tembec</td></tr> </table>	Tembec							
Tembec									
<p>Address 1</p>	<table border="1"> <tr><td align="center">10, chemin Gatineau</td></tr> </table>	10, chemin Gatineau							
10, chemin Gatineau									
<p>Address 2</p>									
<p>City</p>	<table border="1"> <tr><td align="center">Témiscaming</td></tr> </table>	Témiscaming							
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<p>Province</p>	<table border="1"> <tr><td align="center">QC</td></tr> </table>	QC							
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<p>Postal Code</p>	<table border="1"> <tr><td align="center">J0Z 3R0</td></tr> </table>	J0Z 3R0							
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<p>Percent Ownership</p>	<table border="1"> <tr><td align="center">100%</td></tr> </table>	100%							
100%									

### Substance Accounting Information

Substance:	alpha-Pinene								
CAS Number:	80-56-8								
On a facility-wide basis:									
Amount that entered the facility as the substance itself or as a constituent of another substance:	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 100px;">Amount</th> <th style="width: 50px;">Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0.000</td> <td style="text-align: center;">Mg</td> </tr> <tr> <td style="text-align: center;">15.251</td> <td style="text-align: center;">Mg</td> </tr> <tr> <td style="text-align: center;">0.000</td> <td style="text-align: center;">Mg</td> </tr> </tbody> </table>	Amount	Units	0.000	Mg	15.251	Mg	0.000	Mg
Amount	Units								
0.000	Mg								
15.251	Mg								
0.000	Mg								
The amount of substance that was created:									
The amount of substance that was contained in product:									
<p>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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a></p>									

Substance:	Ammonia (total)								
CAS Number:	NA - 16								
On a facility-wide basis:									
Amount that entered the facility as the substance itself or as a constituent of another substance:	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 100px;">Amount</th> <th style="width: 50px;">Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">258.780</td> <td style="text-align: center;">Mg</td> </tr> <tr> <td style="text-align: center;">0.000</td> <td style="text-align: center;">Mg</td> </tr> <tr> <td style="text-align: center;">0.000</td> <td style="text-align: center;">Mg</td> </tr> </tbody> </table>	Amount	Units	258.780	Mg	0.000	Mg	0.000	Mg
Amount	Units								
258.780	Mg								
0.000	Mg								
0.000	Mg								
The amount of substance that was created:									
The amount of substance that was contained in product:									
<p>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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a></p>									

Substance:	beta-Phellandrene								
CAS Number:	555-10-2								
On a facility-wide basis:									
Amount that entered the facility as the substance itself or as a constituent of another substance:	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 100px;">Amount</th> <th style="width: 50px;">Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0.000</td> <td style="text-align: center;">Mg</td> </tr> <tr> <td style="text-align: center;">5.198</td> <td style="text-align: center;">Mg</td> </tr> <tr> <td style="text-align: center;">0.000</td> <td style="text-align: center;">Mg</td> </tr> </tbody> </table>	Amount	Units	0.000	Mg	5.198	Mg	0.000	Mg
Amount	Units								
0.000	Mg								
5.198	Mg								
0.000	Mg								
The amount of substance that was created:									
The amount of substance that was contained in product:									
<p>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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a></p>									

Substance:	beta-Pinene								
CAS Number:	127-91-3								
On a facility-wide basis:									
Amount that entered the facility as the substance itself or as a constituent of another substance:	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 100px;">Amount</th> <th style="width: 50px;">Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0.000</td> <td style="text-align: center;">Mg</td> </tr> <tr> <td style="text-align: center;">11.199</td> <td style="text-align: center;">Mg</td> </tr> <tr> <td style="text-align: center;">0.000</td> <td style="text-align: center;">Mg</td> </tr> </tbody> </table>	Amount	Units	0.000	Mg	11.199	Mg	0.000	Mg
Amount	Units								
0.000	Mg								
11.199	Mg								
0.000	Mg								
The amount of substance that was created:									
The amount of substance that was contained in product:									
<p>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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a></p>									

### Substance Accounting Information

Substance:	Cadmium
CAS Number:	NA - 03
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
The amount of substance that was created:	53.893 kg
The amount of substance that was contained in product:	0.000 kg
	22.058 kg
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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

Substance:	Carbon Monoxide
CAS Number:	630-08-0
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
The amount of substance that was created:	0.000 Mg
The amount of substance that was contained in product:	575.452 Mg
	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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

Substance:	d-Limonene
CAS Number:	5989-27-5
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
The amount of substance that was created:	0.000 Mg
The amount of substance that was contained in product:	4.730 Mg
	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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

Substance:	Ethyl Alcohol
CAS Number:	64-17-5
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
The amount of substance that was created:	0.000 Mg
The amount of substance that was contained in product:	2.128 Mg
	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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

### Substance Accounting Information

Substance:	Formaldehyde
CAS Number:	50-00-0
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units 0.000 Mg
The amount of substance that was created:	2.231 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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

Substance:	Isopropyl Alcohol
CAS Number:	67-63-0
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units 0.000 Mg
The amount of substance that was created:	5.079 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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

Substance:	Lead
CAS Number:	NA - 08
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units 254.243 kg
The amount of substance that was created:	0.000 kg
The amount of substance that was contained in product:	128.246 kg
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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

Substance:	Manganese
CAS Number:	NA - 09
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units 45.306 Mg
The amount of substance that was created:	0.000 Mg
The amount of substance that was contained in product:	15.330 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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

### Substance Accounting Information

Substance:	Methanol
CAS Number:	67-56-1

  

	Amount	Units
On a facility-wide basis: 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:	21.056	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:	Methyl Isobutyl Ketone
CAS Number:	108-10-1

  

	Amount	Units
On a facility-wide basis: 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:	1.286	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:	Oxides of Nitrogen (as NO <sub>2</sub> )
CAS Number:	11104-93-1

  

	Amount	Units
On a facility-wide basis: 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:	288.981	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:	Particulate Matter
CAS Number:	NA - M08

  

	Amount	Units
On a facility-wide basis: 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:	31.750	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:	Particulate Matter - PM <sub>10</sub>
CAS Number:	NA - M09
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
	0.000 Mg
The amount of substance that was created:	12.207 Mg
The amount of substance that was contained in product:	0.000 Mg
<p>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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a></p>	

Substance:	Particulate Matter - PM <sub>2.5</sub>
CAS Number:	NA - M10
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
	0.000 Mg
The amount of substance that was created:	5.005 Mg
The amount of substance that was contained in product:	0.000 Mg
<p>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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a></p>	

Substance:	Phosphorus (total)
CAS Number:	NA - 22
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
	43.445 Mg
The amount of substance that was created:	0.000 Mg
The amount of substance that was contained in product:	0.000 Mg
<p>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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a></p>	

Substance:	Selenium
CAS Number:	NA - 12
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
	142.893 kg
The amount of substance that was created:	0.000 kg
The amount of substance that was contained in product:	105.408 kg
<p>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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a></p>	

### Substance Accounting Information

Substance:  
CAS Number:

Sulphuric Acid
7664-93-9

On a facility-wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:

Amount      Units

The amount of substance that was created:  
The amount of substance that was contained in product:

373.159	Mg
1.676	Mg
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>

### Annual Progress Report - Calendar 2015

Substances for which toxic substance reduction plans have been prepared:

Substance	CASRN
Ammonia (total)	NA - 16
alpha-Pinene	80-56-8
beta-Phellandrene	555-10-2
beta-Pinene	127-91-3
Cadmium (and its compounds)	NA - 03
Carbon Monoxide	630-08-0
d-Limonene	5989-27-5
Ethyl Alcohol	64-17-5
Formaldehyde	50-00-0
Isopropyl Alcohol	67-63-0
Lead (and its compounds)	NA - 08
Manganese (and its compounds)	NA - 09
Methanol	67-56-1
Methyl Isobutyl Ketone	108-10-1
Oxides of Nitrogen (as NO <sub>2</sub> )	11104-93-1
Particulate Matter	NA - M08
Particulate Matter - PM10	NA - M09
Particulate Matter - PM2.5	NA - M10
Phosphorus (total)	NA - 22
Selenium	NA - 12
Sulphur Dioxide (currently below reporting threshold)	7446-09-5
Sulphuric Acid	7664-93-9

#### Plan Objectives

The reduction of toxic substance use, creation and releases is a priority for Tembec forming part of our sustainability programs and EMS. Our goal is to reduce the use and release of the above noted substances 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 most of the substances noted above are naturally in the wood materials used by the facility and that most current research seeks to abate these emissions using end of pipe controls.

### Toxics Reduction Progress

the current reporting year saw changes in all categories for reported substances. The overall production at the paper mill decreased and the overall production at the sawmill increased resulting in changes to several reported substance quantities but in amounts that are considered to be insignificant relative to the total quantity reported. Of greater impact were the changes in the quantity of natural gas and wood waste used in 2015 relative to the previous reporting period. Natural gas use decreased by approximately 36% whereas biomass use increased by approximately 14% during 2015 relative to 2014. This resulted in increases of to several NPRI Part 4 emissions with the exception of PM2.5 and total VOC. Reported quantities of these substances for fuel use are typically dominated by natural gas combustion as opposed to biomass and since the overall reduction in natural gas use exceeded the increase in biomass use for the reporting period there were slight reductions in the quantities of these substances released during the reporting period.

With respect to road dust calculations, precipitation and snow cover data for 2015 from the Kapuskasing airport were used as inputs for natural mitigation. These data reduced the total number of days during the calendar year for which fugitive particulate matter emissions from vehicular traffic on unpaved roads at the site was possible. This in turn reduces the amount of particulate matter species released from these sources at the site. Furthermore, application of chemical stabilizers to unpaved roads was also completed in 2015 further reducing the quantity of fugitive particulate matter emissions from unpaved roads. The natural mitigation days in 2015 were lower than the previous reporting period (229 vs 260) which resulted in an increase in emissions of particulate matter species from unpaved roads during the reporting period.

### Plan Implementation Progress

Steps taken during the reporting period were those outlined in the plan for these substances and include operational steps for continuous improvement in steam management and kiln operations. There were no deviations from or amendments made to the plan in the reporting period. The timetable outlined in the plan will be met.

There were no reductions directly attributable to any reduction options noted in the plans although it is important to note that Tembec continues to make procedural improvements which may not necessarily be captured as an overall reduction in the quantity of a substance used, created or released due to the nature in which these quantities are calculated (i.e., as an absolute value as opposed to a per unit of production value).

### Certification Statement - Calendar 2015

As of May 31, 2016, 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 is 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:

Gerry Bernard
General Manager
705-337-1311



**Comparison of Reported Amounts**

Substance	CASRN	Report Year	Used	Created	In Product	Air	Water	Disposal	Recycle
Ammonia (total) (Units Mg)	NA - 16	2014	315.799	0.000	0.000	0.225	1.433	0.001	0.000
		2015	258.780	0.000	0.000	0.225	0.543	0.000	0.000
		Change	-57.019	0.000	0.000	0.000	-0.890	-0.001	0.000
		% Change	-22.0%	0.0%	0.0%	0.0%	-62.1%	0.0%	0.0%
Manganese (Units Mg)	NA - 09	2014	45.032	0.000	16.447	0.031	2.852	22.453	0.000
		2015	45.306	0.000	15.330	0.036	2.701	24.843	0.000
		Change	0.274	0.000	-1.117	0.005	-0.151	2.390	0.000
		% Change	0.6%	0.0%	-6.8%	14.3%	-5.3%	10.6%	0.0%
Methanol (Units Mg)	67-56-1	2014	0.000	21.497	0.000	21.481	0.014	0.001	0.000
		2015	0.000	21.056	0.000	21.042	0.014	0.000	0.000
		Change	0.000	-0.441	0.000	-0.439	-0.001	-0.001	0.000
		% Change	0.0%	-2.1%	0.0%	-2.0%	-5.3%	100.0%	0.0%
Phosphorus (total) (Units Mg)	NA - 22	2014	57.802	0.000	0.000	0.000	6.060	0.003	0.000
		2015	43.445	0.000	0.000	0.000	3.987	0.001	0.000
		Change	-14.358	0.000	0.000	0.000	-2.072	-0.002	0.000
		% Change	-24.8%	0.0%	0.0%	0.0%	-34.2%	-79.3%	0.0%
Sulphuric Acid (Units Mg)	7664-93-9	2014	333.545	1.441	0.000	1.441	0.000	0.000	0.000
		2015	373.159	1.676	0.000	1.676	0.000	0.000	0.000
		Change	39.614	0.236	0.000	0.236	0.000	0.000	0.000
		% Change	11.9%	0.0%	0.0%	16.4%	0.0%	0.0%	0.0%
Cadmium (Units kg)	NA - 03	2014	53.346	0.000	23.637	0.404	0.002	26.664	0.000
		2015	53.894	0.000	22.058	0.454	0.002	29.789	0.000
		Change	0.548	0.000	-1.580	0.050	0.000	3.125	0.000
		% Change	1.0%	0.0%	-6.7%	12.3%	0.0%	11.7%	0.0%
Lead (Units kg)	NA - 08	2014	262.595	0.000	137.431	2.066	4.156	103.604	0.000
		2015	254.243	0.000	128.246	2.307	3.936	110.505	0.000
		Change	-8.353	0.000	-9.185	0.241	-0.220	6.901	0.000
		% Change	-3.2%	0.0%	-6.7%	11.7%	-5.3%	6.7%	0.0%
Selenium (Units kg)	NA - 12	2014	141.217	0.000	112.957	1.040	13.142	1.471	0.000
		2015	142.893	0.000	105.408	1.148	12.445	1.348	0.000
		Change	1.675	0.000	-7.549	0.108	-0.696	-0.123	0.000
		% Change	1%	0.000	-6.7%	10%	-5%	-8%	0%
Oxides of Nitrogen (as NO2) (Units Mg)	11104-93-1	2014	0.000	268.105	NA	268.105	NA	NA	NA
		2015	0.000	288.981	NA	288.981	NA	NA	NA
		Change	0.000	20.876	NA	20.876	NA	NA	NA
		% Change	0.0%	7.8%	NA	7.8%	0.0%	0.0%	0.0%
Carbon Monoxide (Units Mg)	630-08-0	2014	0.000	506.534	NA	506.534	NA	NA	NA
		2015	0.000	575.452	NA	575.452	NA	NA	NA
		Change	0.000	68.917	NA	68.917	NA	NA	NA
		% Change	0.0%	13.6%	NA	13.6%	NA	NA	NA
VOC's (Units Mg)	NA - M16	2014	0.000	69.777	NA	69.777	NA	NA	NA
		2015	0.000	68.947	NA	68.947	NA	NA	NA
		Change	0.000	-0.830	NA	-0.830	NA	NA	NA
		% Change	0.0%	-1.2%	NA	-1.2%	NA	NA	NA
Particulate Matter (10) (Units Mg)	NA - M09	2014	0.000	11.993	NA	11.993	NA	NA	NA
		2015	0.000	12.207	NA	12.207	NA	NA	NA
		Change	0.000	0.214	NA	0.214	NA	NA	NA
		% Change	0.0%	1.8%	NA	1.8%	NA	NA	NA
Particulate Matter (2.5) (Units Mg)	NA - M10	2014	0.000	5.626	NA	5.626	NA	NA	NA
		2015	0.000	5.005	NA	5.005	NA	NA	NA
		Change	0.000	-0.622	NA	-0.622	NA	NA	NA
		% Change	0.0%	-11.0%	NA	-11.0%	NA	NA	NA
Particulate Matter (TPM) (Units Mg)	NA - M08	2014	0.000	28.938	NA	28.938	NA	NA	NA
		2015	0.000	31.750	NA	31.750	NA	NA	NA
		Change	0.000	2.813	NA	2.813	NA	NA	NA
		% Change	0.0%	9.7%	NA	9.7%	NA	NA	NA
Formaldehyde (Units Mg)	50-00-0	2014	0.000	2.250	NA	2.250	NA	NA	NA
		2015	0.000	2.231	NA	2.231	NA	NA	NA
		Change	0.000	-0.018	NA	-0.018	NA	NA	NA
		% Change	0.0%	-0.8%	NA	-0.8%	NA	NA	NA
Alpha-Pinene (Units Mg)	80-56-8	2014	0.000	15.487	NA	15.487	NA	NA	NA
		2015	0.000	15.251	NA	15.251	NA	NA	NA
		Change	0.000	-0.236	NA	-0.236	NA	NA	NA
		% Change	0.0%	-1.5%	NA	-1.5%	NA	NA	NA
Beta-Pinene (Units Mg)	127-91-3	2014	0.000	11.054	NA	11.054	NA	NA	NA
		2015	0.000	11.199	NA	11.199	NA	NA	NA
		Change	0.000	0.145	NA	0.145	NA	NA	NA
		% Change	0.0%	1.3%	NA	1.3%	NA	NA	NA

**Comparison of Reported Amounts**

<b>Substance</b>	<b>CASRN</b>	<b>Report Year</b>	<b>Used</b>	<b>Created</b>	<b>In Product</b>	<b>Air</b>	<b>Water</b>	<b>Disposal</b>	<b>Recycle</b>
Beta-Phellandrene	555-10-2	2014	0.000	4.993	NA	4.993	NA	NA	NA
(Units Mg)		2015	0.000	5.198	NA	5.198	NA	NA	NA
		Change	0.000	0.205	NA	0.205	NA	NA	NA
		% Change	0.0%	4.1%	NA	4.1%	NA	NA	NA
D-Limonene	5989-27-5	2014	0.005	4.820	NA	4.825	NA	NA	NA
(Units Mg)		2015	0.005	4.820	NA	4.732	NA	NA	NA
		Change	0.000	0.000	NA	-0.094	NA	NA	NA
		% Change	0.0%	0.0%	NA	-1.9%	NA	NA	NA
Ethyl Alcohol	64-17-5	2014	0.000	1.955	NA	1.955	NA	NA	NA
(Units Mg)		2015	0.000	2.128	NA	2.128	NA	NA	NA
		Change	0.000	0.173	NA	0.173	NA	NA	NA
		% Change	0.0%	8.9%	NA	8.9%	NA	NA	NA
Isopropyl Alcohol	67-63-0	2014	0.000	4.408	NA	4.408	NA	NA	NA
(Units Mg)		2015	0.000	5.079	NA	5.079	NA	NA	NA
		Change	0.000	0.670	NA	0.670	NA	NA	NA
		% Change	0.0%	15.2%	0.0%	15.2%	NA	NA	NA
Methyl Isobutyl Ketone	108-10-1	2014	0.000	1.223	NA	1.223	NA	NA	NA
(Units Mg)		2015	0.000	1.286	NA	1.286	NA	NA	NA
		Change	0.000	0.063	NA	0.063	NA	NA	NA
		% Change	0.0%	5.2%	NA	5.2%	NA	NA	NA

Notes:

NA - Not Applicable

BT - Below reporting threshold

NC - Value cannot be calculated - i.e., division by zero.

# Report Submission and Electronic Certification

## NPRI - Electronic Statement of Certification

Specify the language of correspondence

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

Certifying Official (or authorized delegate)

Report Submitted by

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

#### TRA Substance List

**CAS RN**

**Substance Name**

7664-93-9

Sulphuric acid

NA - 03

Cadmium (and its compounds)

NA - 08

Lead (and its compounds)

NA - 09

Manganese (and its compounds)

NA - 12

Selenium (and its compounds)

NA - 16

Ammonia (total)

NA - 22

Phosphorus (total)

NA - M08

Total Particulate Matter

NA - M09

PM10 - Particulate Matter

NA - M10

PM2.5 - Particulate Matter

NA - M16

Volatile Organic Compounds (VOCs)

Company Name

Tembec

Highest Ranking Employee

Gerry Bernard

Report Submitted by

Gerry Bernard

Website address

[www.tembec.com/en/responsibility/responsible-manufacturing](http://www.tembec.com/en/responsibility/responsible-manufacturing)

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

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Period	Submission Date	Facility Name	Province	City	Programs
2015	31/05/2016	Kapusksing Operations	Ontario	Kapusksing	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.