

**Toxics Reduction Act Public Annual Report 2019**

<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>	Hendrickson Springs 532 Romeo Street  Stratford ON N5A 7X1
<p>Facility NPRI identification number</p>	3778
<p>The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01.</p>	-
<p>Number of full-time employees</p>	273
<p>North American Industry Classification System (NAICS) - 2, 4, and 6 digit codes</p>	33 - Manufacturing 3326 - Spring and wire product mfg. 332611 - Spring (heavy gauge) mfg.
<p>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)                  Title                  Phone Number</p>	Claude Grenier Environmental, Health & Safety Manager (519) 273-8749
<p>Address of each person below if not the same as the facility                  Facility Name                  Address 1                  City                  Province                  Postal Code</p>	_____ _____ _____ _____ _____
<p>UTM coordinates, Easting, Northing                  Datum</p>	Easting <input style="width: 50px;" type="text" value="502884"/> Northing <input style="width: 50px;" type="text" value="4800941"/> WGS84
<p>Mailing address                  Address 1                  Address 2                  City                  Province                  Postal Code</p>	As above _____ _____ _____ _____

**Substance Accounting**

<p>Substance:                  CAS Number:</p>	Xylenes 1330-20-7												
<p>On a facility-wide basis:</p>	<table border="0"> <tr> <td></td> <td style="text-align: center;">Amount</td> <td style="text-align: center;">Units</td> </tr> <tr> <td>Amount that entered the facility as the substance itself or as a constituent of another substance:</td> <td style="border: 1px solid black; text-align: center;">&gt;10 - 100</td> <td style="border: 1px solid black; text-align: center;">Mg</td> </tr> <tr> <td>The amount of substance that was created:</td> <td style="border: 1px solid black; text-align: center;">0.0000</td> <td style="border: 1px solid black; text-align: center;">Mg</td> </tr> <tr> <td>The amount of substance that was contained in product:</td> <td style="border: 1px solid black; text-align: center;">0.0000</td> <td style="border: 1px solid black; text-align: center;">Mg</td> </tr> </table>		Amount	Units	Amount that entered the facility as the substance itself or as a constituent of another substance:	>10 - 100	Mg	The amount of substance that was created:	0.0000	Mg	The amount of substance that was contained in product:	0.0000	Mg
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The amount of substance that was created:	0.0000	Mg											
The amount of substance that was contained in product:	0.0000	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>													

<p>Substance:                  CAS Number:</p>	Zinc and compounds NA - 14												
<p>On a facility-wide basis:</p>	<table border="0"> <tr> <td></td> <td style="text-align: center;">Amount</td> <td style="text-align: center;">Units</td> </tr> <tr> <td>Amount that entered the facility as the substance itself or as a constituent of another substance:</td> <td style="border: 1px solid black; text-align: center;">&gt;10 - 100</td> <td style="border: 1px solid black; text-align: center;">Mg</td> </tr> <tr> <td>The amount of substance that was created:</td> <td style="border: 1px solid black; text-align: center;">0.0000</td> <td style="border: 1px solid black; text-align: center;">Mg</td> </tr> <tr> <td>The amount of substance that was contained in product:</td> <td style="border: 1px solid black; text-align: center;">&gt;10 - 100</td> <td style="border: 1px solid black; text-align: center;">Mg</td> </tr> </table>		Amount	Units	Amount that entered the facility as the substance itself or as a constituent of another substance:	>10 - 100	Mg	The amount of substance that was created:	0.0000	Mg	The amount of substance that was contained in product:	>10 - 100	Mg
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**Substance Accounting**

Substance:	Particulate Matter (10)
CAS Number:	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:	0.0000      Mg
The amount of substance that was created:	>0 - 1      Mg
The amount of substance that was contained in product:	0.0000      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:	Particulate Matter (2.5)
CAS Number:	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:	0.0000      Mg
The amount of substance that was created:	>0 - 1      Mg
The amount of substance that was contained in product:	0.0000      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>	

**Annual Progress Report - Calendar 2019**

Substances for which toxic substance reduction plans have been prepared:	
Substance	CASRN
Xylenes	1330-20-7
Zinc and compounds	NA - 14
Particulate Matter (10)	NA - M09
Particulate Matter (2.5)	NA - M10
<b>Plan Objectives</b>	
Hendrickson Spring is committed to pollution prevention and protecting the environment. Whenever technically and economically feasible, the Hendrickson Spring is committed to reduce the use and/or creation of toxic substances identified under the plan in compliance with federal and provincial regulations. Hendrickson Spring is committed to achieving excellence in environmental practices with a goal to minimizing our environmental impact. This includes a proactive approach towards protecting public health and the natural environment through existing and planned environmental and sustainability initiatives.	
<b>Toxics Reduction Progress</b>	
Considerable variation in the reported quantities does exist in several instances which can be attributed to changes in the quantities of paints and cleaning solvents used by the facility in 2019 when compared with the previous reporting period. Furthermore, the mass balance calculations used to determine the fraction of each constituent within the coatings used have been updated to use the average substance concentrations noted on the respective Safety Data Sheets as opposed to the maximum values. As the intent of the report under NPRI is to provide information to ECCC that is as accurate as possible, use of the average concentration will not overestimate quantities of these materials used or released to the environment. Changes in the quantities of particulate matter species created and released by the facility are due to updates to the calculations for these substances from the various sources at the facility (i.e., including cooling tower emissions, dust collector emissions, etc.).	
<b>Plan Implementation Progress</b>	
All reduction options noted in the reduction plans for the above noted substances were implemented within the first five years of the plans.	
As all reduction options for the toxic substances noted above were to be implemented within the first 5 years of the plans, there were no reductions of any toxic substances during the reporting period that would be attributable to any reduction plan.	

**Comparison of Reported Amounts**

Substance	CASRN	Report Year	Used	Created	In Product	Air	Water	Disposal	Recycle
Xylenes	1330-20-7	2018	>10 - 100	0.000	0.000	>10 - 100	0.000	0.000	0.000
		2019	>10 - 100	0.000	0.000	>10 - 100	0.000	0.000	0.000
		Change	>1 - 10	0.000	0.000	>1 - 10	0.000	0.000	0.000
		Change %	-24%	0%	0%	-24%	0%	0%	0%
Zinc (and its compounds)	NA - 14	2018	>10 - 100	0.000	>10 - 100	0	0.000	0.000	0.000
		2019	>10 - 100	0.000	>10 - 100	0	0.000	0.000	0.000
		Change	>10 - 100	0.000	>10 - 100	0	0.000	0.000	0.000
		Change %	-31%	0%	-31%	0%	0%	0%	0%
Particulate Matter (PM10)	NA - M09	2018	0	>0 - 1	NA	>0 - 1	NA	NA	NA
		2019	0	>0 - 1	NA	>0 - 1	NA	NA	NA
		Change	0	>0 - 1	NA	>0 - 1	NA	NA	NA
		Change %	0%	-18%	NA	-18%	NA	NA	NA
Particulate Matter (PM2.5)	NA - M10	2018	0	>0 - 1	NA	>0 - 1	NA	NA	NA
		2019	0	>0 - 1	NA	>0 - 1	NA	NA	NA
		Change	0	>0 - 1	NA	>0 - 1	NA	NA	NA
		Change %	0%	33%	NA	33%	NA	NA	NA

**Report Certification**

As of April 20, 2020, I, Claude Grenier, 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
1330-20-7	Xylenes
NA - 14	Zinc (and its compounds)
NA - M09	Particulate Matter (PM10)
NA - M10	Particulate Matter (PM2.5)

The original version of this report is signed off by:

Highest Ranking Employee:

Title:

Phone Number:

Claude Grenier
Environmental, Health & Safety Manager
519-273-8749

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.