

**SPINRITE LP****2017 TOXIC SUBSTANCE ACCOUNTING – SUMMARY REPORT**

Spinrite LP (Spinrite) retained XCG Consulting Limited (XCG) to perform calculations and prepare the annual report required by the Ontario Ministry of Environment and Climate Change (MOECC) under the Toxics Reduction Action (TRA) Regulation 455/09 for the Spinrite LP facility in Listowel, Ontario.

The Spinrite facility manufactures yarn. Primary emissions come from the combustion of natural gas used in the manufacturing process. Natural gas is used to provide steam to boilers and a dryer and for heating the main offices.

The reportable contaminant for 2017 for which a reduction plan is required is presented is PM<sub>2.5</sub>.

A reduction plan was prepared in November 2013 for this substance. No changes have been made. The following have been identified as reduction options that are both technically and economically feasible and have been selected for implementation by the facility:

- Improved Operating Practices – boiler tuning.
- Improved Operating Practices – reduce air leakages.

In addition to completing the required annual summary, this summary has been submitted to the MOECC on-line using the web based Single Window Information Manager (SWIM) portal. A copy of the submission report is attached.

**SECTION 1: GENERAL FACILITY INFORMATION**

Business Name:	Spinrite LP
Street/Mailing Address:	Spinrite LP 320 Livingstone Avenue South Listowel, Ontario N4W 3H3
NAICS Code:	313110
NPRI ID:	10614
Latitude/Longitude:	43.7300/-80.9562
Number of Employees:	436
Company Contact	Julie Clark Health and Safety Specialist 320 Livingstone Avenue South Listowel, Ontario N4W 3H3 (519) 291-3780 (ext 55248)
Certifying Official:	John Verwey VP Manufacturing 320 Livingstone Avenue South Listowel, Ontario N4W 3H3 (519) 291-3780 (ext 237)

**SECTION 2: PRESCRIBED TOXIC SUBSTANCES ON-SITE**

One substance was identified to be reported on a facility-wide basis under O. Reg. 455/09 as identified in Table 1 below. A comparison of the reported values from previous reporting years is provided.

**Table 1 Toxic Substance Reported on a Facility Wide Basis**

Substance	Enters the Facility (Use) (kg)	Creation (kg)	Contained in Product (kg)	Total Quantity Released (kg)	Disposals and Transfers (kg)	Change
2012 Fine Particulate Matter (PM <sub>2.5</sub> )	0	378	0	378	0	-
2013 Fine Particulate Matter (PM <sub>2.5</sub> )	0	347	0	347	0	Decrease of 8.2 percent.
2014 Fine Particulate Matter (PM <sub>2.5</sub> )	0	371	0	371	0	Increase of 6.9 percent
2015 Fine Particulate Matter (PM <sub>2.5</sub> )	0	374	0	374	0	Increase of 0.8 percent
2016 Fine Particulate Matter (PM <sub>2.5</sub> )	0	365	0	365	0	Decrease of 2.4 percent.
2017 Fine Particulate Matter (PM <sub>2.5</sub> )	0	353	0	353	0	Decrease of 3.3 percent.

To quantify this substance, Spinrite LP utilized facility-wide information including natural gas usage billing records and nameplate capacity information. Emission factors were applied to calculate the creation and release of PM<sub>2.5</sub> from the combustion of natural gas at the facility.

There have been no significant process changes or changes in method or combination of methods used to track and quantify the toxic substances listed above in the past year.

The changes in emissions from year to year are less than 10 percent and are not considered significant.

**SECTION 3: CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of May 30, 2018, I, John Verwey, certify that I have read the report on the toxic substance accounting and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

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John Verwey

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Date