



TOXIC SUBSTANCE REPORTING

In 2009, the Government of Ontario passed the Toxics Reduction Act, 2009 (the 'Act'). The purpose of this Act and associated regulation is to:

1. Prevent pollution and protect human health and the environment by reducing the use and creation of specific substances; and,
2. Inform the public.

The Ontario Ministry of Environment (MOE) requires facilities to report on the specific substances that have been defined by the Act and make this information available to the public on the internet.

Facility Information		
Company Name	SIVACO Ontario	
Facility Address	Physical Address: 330 Thomas Street, Ingersoll Ontario, N5C 3K5	Mailing Address: 330 Thomas Street, Ingersoll Ontario, N5C 3K5
Spatial Coordinates of Facility	17N 4763628 509188	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum.</i>
Number of Employees	75	<i>Number of full time employee equivalents</i>
NPRI ID	3328	
Parent Company Information (if applicable)		
Parent Company Name	SIVACO Wire Group 2004 L.P.	
Parent Company Address	Physical Address: 1040 Country Road 17 C/O IRM LOriginal Ontario K0B 1K0	Mailing Address (if different): 700 Ouelette C/O Infasco Marieville Quebec J3M 1P6
Business Number for Parent Company	141221879	
Facility Owner Information		
Owner of the Facility		
Address of Owner	Physical Address:	Mailing Address (if different):
Facility Operator Information		
Operator of the Facility	SIVACO Ontario	
Address of Operator	Physical Address: 330 Thomas Street, Ingersoll Ontario, N5C 3K5	Physical Address: 330 Thomas Street, Ingersoll Ontario, N5C 3K5
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33 - manufacturing	
4 Digit NAICS Code	3328 - metal coating, engraving, heat treating and allied services	



Company Contact Information		
Facility Public Contact	Name:	Lawerence Pye
	Email:	pye@sivaco.com
	Phone:	519-485-4150
	Fax:	519-485-3039
	Contact Address:	330 Thomas Street, Ingersoll Ontario, N5C 3K5
Planner Contact Information		
Person Responsible for Making Recommendations	Name:	Eric Shilts
	License Number	TSRP0083
Person Responsible for Plan Certification	Email:	eric@concentriceng.com
	Phone:	519-452-7700
	Fax:	519-452-1712
	Contact Address:	Suite 307 700 Richmond Street London Ontario N6A 5C7

Substances With Prepared Plans	
Substance	CAS Number
Sulphuric Acid	7664-93-9
Hydrogen Chloride	7647-01-0
Phosphorus (total)	7723-14-0
Zinc (and its compounds)	7440-66-6
Propylene	115-07-1
PM ₁₀	N/A
PM _{2.5}	N/A



Reduction Plan Objectives

All employees at SIVACO Ontario will be involved in the reduction of toxic substances released at SIVACO Ontario. SIVACO Ontario is committed to implementing options (which were identified as a result of the planning exercise) which will provide a proactive approach to toxics reduction at the facility. These proactive reduction options through spill and leak prevention (standard operating procedure review and revision) and improved training record keeping as per the timeline noted in the plans apply to the following substances: hydrogen chloride, phosphorus (total), sulphuric acid and zinc. No specific reduction targets have been set in regard to the above noted toxic substances.

As per the plans, SIVACO Ontario did not intend to implement any options identified through the Toxics Reduction Act for propylene, PM₁₀ or PM_{2.5}, as no options were found which were determined to be technically and financially feasible. Therefore, no summary or quantification of actions taken will be made under section 27 (1) paragraph 6 of Ontario Regulation 455/09.

SIVACO Ontario will continue to monitor advancements in technology which may result in future reductions of toxic substances at the facility.

Substance Accounting

The attached table provides information on the quantification results of this reporting period and compares them to the previous reporting period (as required by O.Reg. 455/09).

In most cases, the changes between the 2013 and 2014 reporting years were a result of changes in production levels. For phosphorus, updated chemical data yielded more accurate information upon which the calculations were based.

Plan Progress

SIVACO Ontario has completed the steps outlined in the plans for hydrogen chloride, phosphorus (total), sulphuric acid and zinc to take a proactive approach to reducing toxic substances (via spill and leak prevention and improved training record keeping); therefore achieving the plan objectives. There were no spills or leaks of any of these substances in the 2014 reporting year.

No amendments have been made to the toxics reductions plans during the reporting period.

Project No.: 15-6036-E
Sivaco Ontario
TRA Update for 2014 Operating Year

Substance Name and CAS Number	Primary Use in the Facility	Reporting Year	Enters			Created			Released	
			Quantity (tonnes)	Change in Percent (%)	Change in Mass (tonnes)	Quantity (tonnes)	Change in Percent (%)	Change in Mass (tonnes)	Quantity (tonnes)	Change in Percent (%)
Hydrogen Chloride 7647-01-0	pH control in wastewater treatment	2013	13.47	11.4	1.53	N/A	N/A	N/A	0.00807	-1.5
		2014	15.00			N/A			0.00795	
Sulphuric Acid 7664-93-9	Chemical treatment of steel	2013	1122.26	0.2	1.97	N/A	N/A	N/A	2.32	-0.9
		2014	1124.23			N/A			2.30	
Zinc and its compounds 7440-66-6	Chemical treatment of steel	2013	30.0	10.6	3.18	N/A	N/A	N/A	0.00187	15.5%
		2014	33.18			N/A			0.00216	
Propylene 115-07-1	Process aid in the heat treatment of steel	2013	22.61	33.7	7.63	N/A	N/A	N/A	22.614	33.7
		2014	30.24			N/A			30.24	
Phosphorus (total) 7723-14-0	Chemical treatment of steel	2013	13.1	1.5	11.5	N/A	N/A	N/A	N/A	N/A
		2014	14.6			N/A			N/A	
PM ₁₀	Created in cooling tower and furnace operations	2013	N/A	N/A	N/A	0.662	1.7	0.011	0.662	1.7
		2014	N/A			0.673			0.673	
PM _{2.5}	Created in cooling tower and furnace operations	2013	N/A	N/A	N/A	0.5568	2.4	0.0136	0.5568	2.4
		2014	N/A			0.5704			0.5704	

Notes: N/A = not applicable N/R = not required as per O.Reg.455/09.



Copy of Certification

As of May 27, 2015, I, Bill Stevens, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Hydrogen Chloride
Sulphuric Acid
Phosphorus (total)
Propylene
Zinc and its compounds
PM10
PM2.5

A handwritten signature in black ink, appearing to read 'Bill Stevens', written over a horizontal line.

Highest Ranking Employee

A handwritten date 'Dec 29/15' in black ink, written over a horizontal line.

Date