



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	

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Company Contact Information		
Facility Public Contact	Name:	Lawrence 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
	Email:	eric@concentriceng.com
Person Responsible for Plan Certification	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 2012 and 2013 reporting years were a result of changes in production levels. For zinc (and its compounds) and phosphorus the changes were as a result of reformulation of the raw product that SIVACO Ontario uses.

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 2013 reporting year.

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



Substance Name and CAS Number	Primary Use in the Facility	Reporting Year		Enters		Created		Released		Disposal		Transfers		Contained in Product		Reason for Changes	NPRI Part
		Quantity (tonnes)	Change in Mass (tonnes)	Quantity (tonnes)	Change in Mass (tonnes)	Quantity (tonnes)	Change in Mass (tonnes)	Quantity (tonnes)	Change in Mass (tonnes)	Quantity (tonnes)	Change in Mass (tonnes)	Quantity (tonnes)	Change in Mass (tonnes)	Quantity (tonnes)	Change in Mass (tonnes)		
Hydrogen Chloride 7647-01-0	pH control in wastewater treatment	2012	20.10	-33%	-6.63	N/A	N/A	0.00865	6.7%	0.00058	N/A	N/A	N/A	N/A	N/A	Change in production levels	1A
		2013	13.47				0.00807										
Sulphuric Acid 7664-93-9	Chemical treatment of steel	2012	1141.34	-1.7%	-19.08	N/A	N/A	2.33	-0.4%	0.01	0.07	28.6%	44.79	0.99	N/A	Change in production levels	1A
		2013	1122.26				2.32				0.09		45.78				
Zinc and its compounds 7440-66-6	Chemical treatment of steel	2012	24.9	20.5%	5.1	N/A	N/A	0.00187	0%	0	5.14	-89%	0.0137	0.0001	19.7	Change in product formulation	1A
		2013	30.0				0.00187				0.564		0.0138		29.5		
Propylene 115-07-1	Process aid in the heat treatment of steel	2012	18.37	23.1%	4.244	N/A	N/A	18.37	23.1%	4.244	N/A	N/A	N/A	N/A	N/A	Change in production level	1A
		2013	22.614				22.614										
Phosphorus (total) 7723-14-0	Chemical treatment of steel	2012	19.5	-32.8%	-6.4	N/A	N/A	N/A	N/A	N/A	18.3	9.8%	0.0416	0.0016	1.14	Change in product formulation	1A
		2013	13.1				N/A				20.1		0.0432		1.10		
PM ₁₀	Created in cooling tower and furnace operations	2012	N/A	N/A	N/A	0.653	1.4%	0.653	1.4%	0.009	N/R	N/R	N/R	N/R	N/R	Change in production level	4
		2013	N/A			0.662		0.662									
PM _{2.5}	Created in cooling tower and furnace operations	2012	N/A	N/A	N/A	0.4961	12.2%	0.4961	12.2%	0.0607	N/R	N/R	N/R	N/R	N/R	Change in production level	4
		2013	N/A			0.5568		0.5568									

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



Copy of Certification

As of July 3, 2014, 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 dark ink, appearing to read "Bill Stevens", written over a horizontal line.

Highest Ranking Employee

A handwritten date "July 3, 2014" written in dark ink over a horizontal line.

Date

