



Toxic Reduction Act 2011 Public Report

Kubota Metal Corporation – Orillia Facility

prepared for

KUBOTA METAL CORP.

Reference No.: 2144-001

June 29th 2012

Cambium Environmental Inc.

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TABLE OF CONTENTS

1.0 INTRODUCTION..... 1

2.0 PUBLIC REPORT..... 2

3.0 CERTIFICATION BY HIGHEST RANKING EMPLOYEE 5

4.0 CLOSING..... 6



1.0 INTRODUCTION

Cambium Environmental Inc. was retained by Kubota Metal Corp. to complete an accounting report that would satisfy the requirements of the Toxics Reduction Act (TRA) as laid out in Ontario Regulation 455/09 (O. Reg. 455/09). The regulation calls for two (2) separate reports to be prepared, one (1) to be made available to the public, and one (1) to be made available to the Ministry of the Environment (MOE). This process allows a facility to maintain protection of proprietary information. This report is a summary of the toxic substance accounting information for the reporting year 2011, to be made available to the public.



2.0 PUBLIC REPORT

The name of all toxic substances used or created at the facility for which plans are required to be prepared:

Chromium (and its compounds)

Manganese (and its compounds)

Nickel (and its compounds)

The National Pollutant Release Inventory (NPRI) identification number for the facility:

0000000701

Ontario Regulation 127/01 identification number, if one has been assigned:

7067

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:

Kubota Metal Corp., Fahramet Division

25 Commerce Road, P.O. Box 1700

Orillia, Ontario, Canada

L3V 6L6

The number of full-time employee equivalents at the facility:

300

The two-and four digit North American Industry Classification System (NAICS) codes and the six (6) digit NAICS Canada code for the facility:

- NAICS 2 Code: 31-33 - Manufacturing
- NAICS 4 Code: 3329 - Other fabricated metal product manufacturing
- NAICS 6 Code: 33299 - All other metal product manufacturing

Facility Contact for the Public:

The public contact for the facility is Mr. Ron Higgs, VP manufacturing and he can be reached with the following contact information:

Phone: (705) 325-2781 x244

higgs@kubotametal.com



The spatial coordinates of the facility expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum:

17T 624386 m E 4942871 m N

Information of Parent Company, if applicable:

Not applicable.

If the report is prepared by a person other than the owner or the operator of the facility, the name and address of the person who prepared the report:

Jim Bailey, P. Eng.

Senior Project Manager

Cambium Environmental Inc.

PO Box 325, 52 Hunter Street East

Peterborough, Ontario K9H 1G5

705-742-7900 ext. 201

A statement of whether there has been a change in the method or combination of methods used to track and quantify the substance during the previous calendar year and, if there has been a change, a description of the change, the reason for the change and how the change will impact tracking and quantification of the substance:

The recording of data acquired from the existing tracking methods were improved between 2010 and 2011. This yielded better information enabling more accurate estimates.



2011 Annual Facility-wide Accounting Summary:

Name of Substance: Chromium; NA-04
Use: 1,000 - 10,000 tonnes
Creation: 0
On-site Release to air: 0 - 1 tonnes
Transfer off-site for disposal: 10 - 100 tonnes
Contained in Product: 1,000 - 10,000 tonnes

For information on on-site releases from the facility, as well as disposal and off-site recycling information please refer to National Pollutant Release Inventory's website: <http://www.ec.gc.ca/inrp-npri/>

Name of Substance Manganese; NA-09
Use: 10 - 100 tonnes
Creation: 0
On-site Release to air: 0 - 1 tonnes
Transfer off-site for disposal: 1 - 10 tonnes
Contained in Product: 10 - 100 tonnes

For information on on-site releases from the facility, as well as disposal and off-site recycling information please refer to National Pollutant Release Inventory's website: <http://www.ec.gc.ca/inrp-npri/>

Name of Substance Nickel; NA-10
Use: 1,000 - 10,000 tonnes
Creation: 0
On-site Release to air: 0 - 1 tonnes
Transfer off-site for disposal: 10 - 100 tonnes
Contained in Product: 1,000 - 10,000 tonnes

For information on on-site releases from the facility, as well as disposal and off-site recycling information please refer to National Pollutant Release Inventory's website: <http://www.ec.gc.ca/inrp-npri/>



3.0 CERTIFICATION BY HIGHEST RANKING EMPLOYEE

The 2011 TRA Accounting Report for Kubota Metal Corp. was submitted on June 29th, 2012.

I, Ron Higgs, certify that I have read the record created for the purposes of section 9 of Ontario Regulation 455/09 (General) made under the Toxics Reduction Act, 2009 in respect of the use and creation of the toxic substances referred to Above at Kubota Metal Corp. and am familiar with their contents and to my knowledge they are factually accurate.

Kubota Metal Corp.

A handwritten signature in black ink, appearing to read "Ron Higgs", is written over a horizontal line.

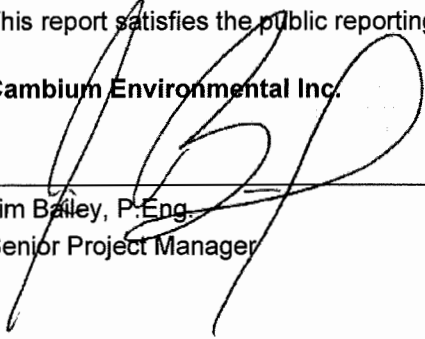
Ron Higgs,
VP Manufacturing



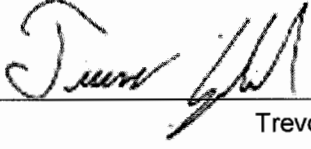
4.0 CLOSING

This report satisfies the public reporting requirements of O. Reg. 455/09 (general) for Kubota Metal Corp.

Cambium Environmental Inc.



Jim Bailey, P. Eng.
Senior Project Manager



Trevor Copeland, B.A.Sc.
Environmental Specialist



ABBREVIATIONS

RFP	Request For Proposal	µS	microSiemens
MOE	Ontario Ministry of the Environment	ODWS	Ontario Drinking Water Standards
MNR	Ontario Ministry of Natural Resources	PWQO	Provincial Water Quality Objectives
PCofA	Provisional Certificate Of Approval	TOC	Total Organic Carbon
EPA	Environmental Protection Act	VOC	Volatile Organic Compounds
EAA	Environmental Assessment Act	BTU	British Thermal Unit
MW	monitor well	°C	temperature in degrees Celsius
masl	metres above sea level	N/A	not available
kg	kilogram	%	percent
mm	millimetres	cfm	cubic feet per minute
m	metres	ppmdv	part per million by dry volume
km	kilometres	ppmv	part per million by volume
ha	hectare	ppm	part per million
m³	cubic metres	min	minimum
m²	square metres	max	maximum
mg/l	milligrams per litre		

UNITS OF MEASUREMENT AND CONVERSIONS

Length

1 metre (m)	=	3.28 feet
1 millimetre (mm)	=	0.039 inches
1 kilometre (km)	=	0.621 miles

Area

1 hectare (ha)	=	2.47 acres
1 square metre (m ²)	=	10.76 square feet

Volume

1 cubic metre(m ³)	=	35.29 cubic feet
1 litre(L)	=	0.220 gallons

Mass

1 metric ton (tonne)	=	1.10 Imperial tons
1 kilogram (kg)	=	2.20 lbs
pound (lb)	=	453.6 g
gram (g)	=	---
milligrams (mg)	=	1 x 10 ⁻³ g
microgram (µg)	=	1 x 10 ⁻⁶ g
nanogram (ng)	=	1 x 10 ⁻⁹ g
kilogram (kg)	=	1000 g
pictogram (pg)	=	1 x 10 ¹² g
metric tonne (t)	=	1000 kg