



**Toxics Reduction Act Annual Public Report for  
the 2010 Reporting Year**

## **Introduction**

The Province of Ontario developed a Toxics Reduction Strategy that included the introduction of the Toxics Reduction Act, 2009 to reduce toxic substances created or used in manufacturing processes and to better inform Ontarians about toxic chemicals in the air, water, land and consumer products. The promotion of positive health and environmental outcomes is a basic expectation of a responsible, democratically elected government and a healthy economy provides the resources to support such positive outcomes.

Ontario is blessed with a geology that provides a huge mineral abundance. The mining and refining of these riches has brought Ontarians wealth and supported us for generations. The goods produced from our minerals provide the essentials we rely on in medicine, energy, construction, transportation and communication, among our other daily needs. In addition, mining provides the building blocks we require to meet the growing global demand for greener products and services.

The concept of sustainability has been incorporated into the mining practices in Ontario and informs the management of waste streams that our industry produces. When it comes to “toxics”, it is important to remember that metals can only be mined or recycled. The ore that is mined essentially contains the periodic table of elements, some of which have been classified as “toxics” under the Toxics Reduction Act. While there is no opportunity to reduce the levels of these naturally occurring substances, nor should there be a desire to eliminate highly useful and recyclable metals from our economy, there are opportunities for leadership on improving health outcomes for Ontarians when it comes to chemical exposures.

While, for mining, this primarily means dealing with end-of-pipe emissions, there may be some areas where the adoption of safer alternatives and green technologies is feasible. As a first step in implementing this strategy, Goldcorp Canada Ltd. Red Lake Gold Mines has completed an inventory report [[www.goldcorp.com](http://www.goldcorp.com)] of applicable substances on which to focus its toxics reduction planning efforts.

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.

Goldcorp Canada Ltd. – Red Lake Gold Mines 17 Mine Road Balmertown, Ontario P0V 1C0
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Facility NPRI identification number

2710
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The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01

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Number of full-time employees

896
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North American Industry Classification System (NAICS) – 2, 4 and 6 digit codes

21-220-212220
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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)

David Gelderland
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Title

Corporate Social Responsibility Manager
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Phone Number

(807) 735-2077 extension 230
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Address of each person if not the same as the facility

Facility Name

Address 1

Address 2

City

Province

Postal code


UTM coordinates, x and y

X

446988E
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Y

5656222N
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Datum

UTM Zone 15
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Legal name of Canadian parent company if your facility is a subsidiary of a Canadian parent company

Parent company name

Goldcorp Canada Limited
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Address 1

40 King Street West
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Address 2

#2100
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City

Toronto
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Province

Ontario
---------

Postal code

M5H 3C2
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Percent ownership

100%
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**Substances:**

Substance:

Antimony and its compounds
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CAS Number:

N/A-1
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On a facility wide basis:

Amount that entered the facility as the substance itself or as a constituent of another substance:

79	tonnes
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tonnes
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The amount of substance that was created:

0	tonnes
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tonnes
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The amount of substance that was contained in product:

30	tonnes
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tonnes
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On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:

Arsenic and its compounds
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CAS Number:

N/A-2
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On a facility wide basis:

Amount that entered the facility as the substance itself or as a constituent of another substance:

2,001,112	kg
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kg
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The amount of substance that was created:

0	kg
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kg
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The amount of substance that was contained in product:

882,192	kg
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kg
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On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:

Cadmium and its compounds
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CAS Number:

N/A-3
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On a facility wide basis:

Amount that entered the facility as the substance itself or as a constituent of another substance:

552	kg
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kg
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The amount of substance that was created:

0	kg
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kg
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The amount of substance that was contained in product:

133	kg
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kg
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On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Chromium and its compounds
N/A-4

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
343	tonnes
0	tonnes
77	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Cobalt and its compounds
N/A-5

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
40	tonnes
0	tonnes
15	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Cobalt and its compounds
N/A-5

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
40	tonnes
0	tonnes
15	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Copper and its compounds
N/A-6

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
168	tonnes
0	tonnes
51	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Lead and its compounds
N/A-8

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
12,768	kg
0	kg
4,695	kg

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Manganese and its compounds
N/A-9

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
1,309	tonnes
0	tonnes
311	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Mercury and its compounds
N/A-15

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
216	kg
0	kg
0	kg

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Nickel and its compounds
N/A-10

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
202	tonnes
0	tonnes
76	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Vanadium (except when in an alloy) and its compounds
7440-62-2

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
172	tonnes
0	tonnes
40	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Zinc and its compounds
N/A-14

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
172	tonnes
0	tonnes
35	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Cyanides (ionic)
N/A-7

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
335	tonnes
0	tonnes
0	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

Substance:  
CAS Number:

Hydrochloric Acid
7647-01-0

On a facility wide basis:  
Amount that entered the facility as the substance itself or as a constituent of another substance:  
The amount of substance that was created:  
The amount of substance that was contained in product:

	Units
17	tonnes
0	tonnes
0	tonnes

On-site releases from the facility to air, water and land, as well as off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang-en>

As of June 13, 2011, I certify that I have read the [report(s)] on the toxic substance reduction plan(s) for {Antimony (and its compounds), Arsenic (and its compounds), Cadmium (and its compounds), Chromium (and its compounds), Cobalt (and its compounds), Copper (and its

compounds), Cyanides (ionic), Hydrochloric Acid, Lead (and its compounds), Manganese (and its compounds), Mercury (and its compounds), Nickel (and its compounds), Vanadium (except when in an alloy) and its compounds, Zinc (and its compounds)} and am familiar with [its/theirs] contents and to my knowledge the information contained in the [report(s)] is factually accurate and the [report complies/reports comply] with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

The original version of this report is signed off by:

Highest Ranking Employee:

Marc Lauzier

Title:

Mine General Manager

Phone Number:

(807) 735-2077 extension 6130