

Toxics Reduction Act Public Annual Report 2020

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. (See below)

Vale Canada Limited

Facility NPRI identification number

1471

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

Not Applicable

Number of full-time employees

186

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

33	14	10
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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)

Chidiebere Anokwute

Title

Environmental Advisor

Phone Number

365-336-2228

Address of the facility

Facility Name

Port Colborne Refinery

Address 1

187 Davis Street

Address 2

P.O. Box 250

City

Port Colborne

Province

Ontario

Postal Code

L3K 5W2

UTM coordinates, x and y

X 643688

Y 4749279

Datum

NAD83

Legal name of Canadian parent company, if your facility is a subsidiary of a Canadian parent company

Parent company name

[Empty box for parent company name]

Address 1

Address 2

City

Province

Postal Code

[Empty box for parent company address details]

Percent Ownership

Substance:
CAS Number:

Arsenic (and its compounds)
NA-02

On a facility-wide basis:

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

Range 10 to 100

Tonnes

The amount of substance that was created:

0

The amount of substance that was contained in product:

Range 10 to 100

On-site releases from the facility to air, water and land, as well as on and 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:

Selenium (and its compounds)
NA-12

On a facility-wide basis:

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

Range 10 to 100

Tonnes

The amount of substance that was created:

0

The amount of substance that was contained in product:

Range 10 to 100

On-site releases from the facility to air, water and land, as well as on and 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)
NA-05

On a facility-wide basis:

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

Range 1,000 to 10,000

Tonnes

The amount of substance that was created:

0

The amount of substance that was contained in product:

Range 1,000 to 10,000

On-site releases from the facility to air, water and land, as well as on and 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)	
	NA-06

On a facility-wide basis:

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

Range 10 to 100

Tonnes

The amount of substance that was created:

0

The amount of substance that was contained in product:

Range 10 to 100

On-site releases from the facility to air, water and land, as well as on and 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)	
	NA-08

On a facility-wide basis:

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

Range 10 to 100

Tonnes

The amount of substance that was created:

0

The amount of substance that was contained in product:

Range 10 to 100

On-site releases from the facility to air, water and land, as well as on and 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)	
	NA-11

On a facility-wide basis:

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

Range 10,000 to 100,000

Tonnes

The amount of substance that was created:

0

The amount of substance that was contained in product:

Range 10,000 to 100,000

On-site releases from the facility to air, water and land, as well as on and 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:

Sulphuric Acid
7664-93-9

On a facility-wide basis:

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

Range 1000 to 10,000

Tonnes

The amount of substance that was created:

0

The amount of substance that was contained in product:

0

On-site releases from the facility to air, water and land, as well as on and 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:

Range 100 to 1000

Tonnes

The amount of substance that was created:

Range 0 to 1

The amount of substance that was contained in product:

0

On-site releases from the facility to air, water and land, as well as on and 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:

Chlorine
7782-50-5

On a facility-wide basis:

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

Range 1000 to 10,000

Tonnes

The amount of substance that was created:

0

The amount of substance that was contained in product:

0

On-site releases from the facility to air, water and land, as well as on and 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:

PM10 - Particulate Matter <= 10 microns
NA-M09

On a facility-wide basis:

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

0

Tonnes

The amount of substance that was created:

Range 0 to 1

The amount of substance that was contained in product:

0

On-site releases from the facility to air, water and land, as well as on and 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:

PM2.5 - Particulate Matter <= 2.5 microns
NA-M10

On a facility-wide basis:

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

0

Tonnes

The amount of substance that was created:

Range 0 to 1

The amount of substance that was contained in product:

0

On-site releases from the facility to air, water and land, as well as on and 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 1st, 2017, I certify that I have read the toxic substance reduction accounting report for As, Co, Cu, Ni, Pb, Se, PM10, PM2.5, Sulphuric Acid, Hydrochloric Acid and Chlorine and I am familiar with its contents and to my knowledge the information contained in the TRA accounting reports is factually accurate and the 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:

Title:

Phone Number:

Mr. Jaime (Jimmy) Penunuri
Port Colborne Refinery Manager
905-835-6227