

## 1. General Information

Facility Information	
Company Name	Flowserve Canada Corp.
Facility Address	225 Speedvale Ave West
Site Coordinates (main entrance of site)	17 T 557929.46 mE 4821959.06 mN
NPRI ID	29520
MOE ID	-
Number of Full-Time Employees	96
2-Digit NAICS Code	33 – Manufacturing
4- Digit NAICS Code	3339 – Other general-purpose machinery manufacturing
6-Digit NAICS Code	333910 – Pump and compressor manufacturing
Substance Information	
Substance Name	CAS #
Lead (and its compounds)	NA – 08
Facility Contact Information	
Report Prepared by	EnviroLum Consulting Inc. Ms. Connie Lum, Principal Environmental Consultant connie@envirolum.com TSRP0089
Public Contact	Mr. Frank O'Brien SHEA Coordinator Phone #: 519-824-4600 Fax #: 519-824-7250 fobrien@flowserve.com 225 Speedvale Ave West Guelph, ON N1H 6L8

## 2. Toxic Substance Accounting Summary

Facility-wide Amounts of Toxic Substances Reported for 2018:

Substance Name	Used	Created	Contained In Product	Release to Air	Disposed / Recycled
Lead (and its compounds)	100 to 1,000	--	100 to 1,000	0	10 to 100

NOTE: Units are expressed in kilograms, unless otherwise indicated. '--' indicates not applicable.

## 3. Quantification Comparison to Previous Year

### 3.1 Lead (and its compounds)

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	100 to 1,000	100 to 1,000	↑ 10 to 100	↑ 16.1	Increased use of materials containing lead.
Created	--	--	--	--	--	
Contained In Product	Tonnes	100 to 1,000	100 to 1,000	↑ 10 to 100	↑ 16.1	
Release to Air	Tonnes	0	0	0	0	
Release to Water	--	--	--	--	--	
On-site Disposal	--	--	--	--	--	
Transferred for Disposal	--	--	--	--	--	
Transferred for Recycling	Tonnes	10 to 100	10 to 100	0	0	No change.

## 4. Objectives

The objectives of this plan are to:

- identify potential toxic substance reduction options for lead and cobalt;
- assess the technical and economic feasibility of reduction options, if any are identified; and
- determine which options, if any, are feasible for implementation.

As part of the continual improvement practices at the facility, technical advances will be monitored for new opportunities to reduce the use of cobalt and lead at the facility.

## 5. Progress in Implementing Plan

This section does not apply since no feasible reduction options are available for implementation at this time.

For additional information regarding 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/>.

## 6. Highest Ranking Certification

*The signed certification of the annual report is kept on file at the facility.*

# 2018 TRA Reporting - Public Report

## ON MECP TRA - Electronic Certification Statement

### Annual Report Certification Statement

As of 27/05/2019, I, Ian Karas, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

#### TRA Substance List\*

CAS RN	Substance Name
NA - 08	Lead (and its compounds)

\*Due to reporting system limitations, for the 2018 annual report the TRA Substance List may included new Volatile Organic Compounds (VOCs) and/or Dioxins and Furans congeners reported to NPRI only.

#### Company Name

Flowserve Canada Corp.

#### Highest Ranking Employee

Ian Karas

#### Report Submitted by

Ian Karas

#### Website address

<http://www.envirolum.com/flowserve-canada-corp.html>

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.