

2015-2016 TRA Annual Comparison – Fleet Canada

Prepared by Oakhill Environmental Inc.

Fleet Canada (Fleet) has prepared two plans to date. The first plan, written in February of 2013 addresses the toxic substance Hexavalent Chromium. The second plan, written in 2017 (for the 2014 reporting year) addresses the release of Methyl Ethyl Ketone (MEK). As part of each plan, technically and economically feasible reduction options were identified to be implemented over the following years. As of the 2016 operating year, Fleet has implemented all identified options, where possible.

Table 1: Basic Facility Information

Facility Name			Fleet Canada		
NPRI Identification Number			4990		
Number of Full-time Employees			160		
NAICS Code					
Two Digit:	33	Four Digit:	3364	Six Digit:	336410
UTM Spatial Coordinates					
UTM Spatial Coordinates			Datum		
Easting:	666992.4		NAD83		
Northing:	4753890.7				

Table 2: Plan Contacts

	Public Contact	Technical Contact
Name	Caitlin Zack	Fil Barillaro P.Eng., Robert Wade BA.Sc.
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Toxic Substance for Which Facility Has Prepared a Plan:

- Hexavalent Chromium (CAS #: 18540-29-9)
- Methyl Ethyl Ketone (CAS #: 78-93-3)

Statement of Intent

The aforementioned toxic substances are currently used by Fleet as ingredients for various process steps at Fleet, including surface coating, painting, bonding, etc. Although Fleet has implemented feasible options, they intend to continue efforts to reduce the use of these toxic substances, where possible.

Objective

Fleet's objective is to monitor and manage toxic substances and the equipment and process that use them. Furthermore, Fleet is committed to continued employee training to reduce the use and onsite air release of toxic substances.

Toxic Substances Found at Fleet Canada

The toxic substances listed above enter the Facility as ingredients of various materials used in production. The Facility does not create these toxic substances.

Toxic Substance Accounting

In order to quantify the amount of each substance being used, created and contained in product at the Facility, a mass balance approach was used. The mass balances were based on purchase records and site specific disposal data. The results of annual toxic substance accounting can be found in the table below. The changes in value are a reflection of changing production levels at the Facility, coupled with updated calculations.

Table 3: Annual Comparison

Substance	CAS #	NPRI Reporting Threshold (Tonnes)	Used in 2015 (Tonnes)	Used in 2016 (Tonnes)	Difference (Tonnes)	Created	Destroyed
Hexavalent Chromium	18540-29-9	50 kg MPO	1.89	2.04	0.15	Not Applicable	Not Applicable
Methyl Ethyl Ketone	78-93-3	10 Tonnes MPO / 1 Tonne	1.57	1788	0.88		

Steps Taken to Reduce Emissions

As of 2016 Fleet has implemented all feasible reduction options, where possible.