

**Toxics Reduction Act Public Annual Report Calendar 2017**

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)	Cargill Ltd. - Guelph Beef 165 Dunlop Drive Guelph N1L 1P4		ON
Facility NPRI identification number	11105		
The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01.	-		
Number of full-time employees	980		
North American Industry Classification System (NAICS) - 2, 4, and 6 digit codes	31-33 Manufacturing 3116 Meat product manufacturing 311611 Animal (except poultry) slaughtering		
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) Title Phone Number	Bill Castledine Utilities Supervisor (519) 823-5200		
Address of each person below if not the same as the facility Facility Name Address 1 Address 2 City Province Postal Code	Guelph Beef 165 Dunlop Drive  Guelph		ON N1L 1P4
UTM coordinates, x and y Datum	X 564323	Y 4822455	WGS84
Legal name of Canadian parent company, if your facility is a subsidiary of a Canadian parent company Parent company name Address 1 Address 2 City Province Postal Code Percent Ownership	Not Applicable		

**Substance Accounting**

Substance:	Ammonia (total)	
CAS Number:	NA - 16	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	37.273	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>		

### Substance Accounting

Substance:	Particulate Matter (PM10)
CAS Number:	NA - M09
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
	0.000 tonnes
The amount of substance that was created:	0.700 tonnes
The amount of substance that was contained in product:	0.000 tonnes
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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

Substance:	Particulate Matter (PM2.5)
CAS Number:	NA - M10
On a facility-wide basis:	
Amount that entered the facility as the substance itself or as a constituent of another substance:	Amount      Units
	0.000 tonnes
The amount of substance that was created:	0.700 tonnes
The amount of substance that was contained in product:	0.000 tonnes
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 <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>	

### Comparison of Reported Amounts

Substance	CASRN	Report Year	Units	Water	Total Air	Recycle	TRA Report		
							Use	Creation	In Product
Ammonia (total)	NA - 16	2016	Tonnes	0.000	0.000	0.000	37.273	0.000	0.000
		2017	Tonnes	0.000	0.000	0.000	37.273	0.000	0.000
		Change	Tonnes	0.000	0.000	0.000	0.000	0.000	0.000
		% Change	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Particulate Matter (PM10)	NA - M09	2016	Tonnes	NA	0.647	NA	NA	0.647	NA
		2017	Tonnes	NA	0.700	NA	NA	0.700	NA
		Change	Tonnes	NA	0.053	NA	NA	0.053	NA
		% Change	%	NA	8.2%	NA	NA	8.2%	NA
Particulate Matter (PM2.5)	NA - M10	2016	Tonnes	NA	0.647	NA	NA	0.647	NA
		2017	Tonnes	NA	0.700	NA	NA	0.700	NA
		Change	Tonnes	NA	0.053	NA	NA	0.053	NA
		% Change	%	NA	8.2%	NA	NA	8.2%	NA

### Progress Report

Substances for which toxic substance reduction plans have been prepared:

Substance	CASRN
Ammonia (total)	NA - 16
Sulphuric Acid	7664-93-9
Particulate Matter (PM10)	NA - M09
Particulate Matter (PM2.5)	NA - M10

#### Plan Objectives

The reduction of toxic substance use, creation and releases is a priority for Cargill forming part of their sustainability programs and EMS. Our goal is to reduce the use and release of Ammonia (total), and creation of Particulate Matter  $\leq 10$  microns (PM<sub>10</sub>), and Particulate Matter  $\leq 2.5$  microns (PM<sub>2.5</sub>) where technically and economically feasible for these substances. At the present time there are no reduction options that are both technically and economically feasible for these substances. However, Cargill will continue to explore new options as they arise as part of our sustainability programs.

#### Toxics Reduction Progress

Overall the quantity of ammonia used remained the same as last year and the quantities of PM10 and PM2.5 created and released by the facility increased slightly. The quantities of Particulate Matter less than or equal to 10 microns (PM<sub>10</sub>) and Particulate Matter less than 2.5 microns (PM<sub>2.5</sub>) released and created increased slightly in 2017 as the quantity of natural gas used by the facility increased.

#### Plan Implementation Progress

At the present time there are no reduction options that are both technically and economically feasible for these substances. However, Cargill will continue to explore new options as they arise as part of their sustainability programs.

As there were no anticipated reductions noted in each of the plans for the toxic substances noted above, there were no reductions of any toxic substances during the reporting period that would be attributable to any reduction plan.

### Certification Statement

As of May 23, 2018, I certify that I have read the reports on the toxic substance reduction plans for the substances noted 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 the Act.

#### TRA Substance List

Substance Name	CAS RN
Ammonia (total)	NA - 16
Particulate Matter (PM10)	NA - M09
Particulate Matter (PM2.5)	NA - M10

The original version of this report is signed off by: Highest Ranking Employee:

Title:

Phone Number:

Matt Gibney
General Manager
519-823-5200

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.