

**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)	Atlantic Biodiesel Corporation 1 St. Clair Drive Welland L3B 6A7 ON
Facility NPRI identification number	27716
The identification number assigned to the facility by the Ministry of the Environment for the	-
Number of full-time employees	35
North American Industry Classification System (NAICS) - 2, 4, and 6 digit codes	31 - 33 Manufacturing 3251 - Basic chemical manufacturing 325190 - Other basic organic chemical manufacturing
If applicable, the name, position and telephone number of the individual who is the contact at Public Contact (if applicable)	Caroline Wong Head of Logistics & Process Mangement 289-407-3231
Address of each person below if not the same as the facility	
Facility Name	Atlantic Biodiesel Corporation
Address 1	1 St. Clair Drive
Address 2	
City	Welland
Province	ON
Postal Code	L3B 6A7
UTM coordinates, x and y	X 643446 Y 4756867
Datum	WGS84
Legal name of Canadian parent company, if your facility is a subsidiary of a Canadian parent company	
Parent company name	Not Applicable
Address 1	
Address 2	
City	
Province	
Postal Code	
Percent Ownership	

Substance Accounting

Substance:	Hydrochloric Acid
CAS Number:	7647-01-0
On a facility-wide basis:	Amount Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	>100 - 1000 tonnes
The amount of substance that was created:	0.000 tonnes
The amount of substance that was contained in product:	>10 to 100 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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en	

Substance Accounting

Substance:
CAS Number:

Methanol
67-56-1

On a facility-wide basis:
Amount that entered the facility as the substance itself or as a constituent of another substance:

Amount Units

The amount of substance that was created:
The amount of substance that was contained in product:

>1000 - 10000	tonnes
0.000	tonnes
>1 - 10	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 <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

Annual Progress Report

Substances for which toxic substance reduction plans have been prepared:

Substance	CASRN
Hydrochloric Acid	7647-01-0
Methanol	67-56-1

Plan Objectives

The reduction of toxic substance use, creation and releases is a priority for Atlantic Biodiesel Corporation forming part of their sustainability programs and EMS. Atlantic Biodiesel Corporation is unable to reduce the use of Hydrochloric Acid or Methanol as they are integral components of the process. However, they will ensure the sound management and use of these substances that minimize significant adverse impacts on human health and the environment.

Toxics Reduction Progress

With the exception of the quantity Methanol recycled, overall the quantities of all TRA substances used and released by the facility increased significantly due to an increase in the annual production during 2016 relative to 2015. In the case of the quantity of Methanol recycled, while the facility does send mixed liquid wastes off-site for recycling and disposal, there is no analytical data available with which to determine the mass of Methanol in these liquid wastes. As such, reporting of this quantity is currently not possible.

Plan Implementation Progress

There were no reduction options identified in any of the plans for the above noted substances that were identified as being both technically and economically feasible. As such, there were no timelines presented in the reduction plans for the above noted substances. However, Atlantic Biodiesel will continue to explore and investigate potential reduction options as they arise as part of their sustainability program.

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.

Comparison of Reported Quantities

Substance	CASRN	Report Year	Used	Created	In Product	Air	Water	Disposal	Recycle
Hydrochloric Acid	7647-01-0	2016	>100 - 1000	>0 - 1	>0 - 1	>0 - 1	>0 - 1	>0 - 1	>0 - 1
		2017	>100 - 1000	>0 - 1	>0 - 1	>0 - 1	>0 - 1	>0 - 1	>0 - 1
		Change	>10 - 100	>0 - 1	>0 - 1	>0 - 1	>0 - 1	>0 - 1	>0 - 1
		% Change	-26.6%	0.0%	0.0%	-27%	-26.6%	0.0%	0.0%
Methanol	67-56-1	2016	>1000 - 10000	>0 - 1	>1 - 10	>0 - 1	>0 - 1	>0 - 1	>0 - 1
		2017	>1000 - 10000	>0 - 1	>1 - 10	>0 - 1	>0 - 1	>0 - 1	>0 - 1
		Change	>1000 - 10000	>0 - 1	>0 - 1	>0 - 1	>0 - 1	>0 - 1	>0 - 1
		% Change	-16.5%	0.0%	-13.0%	-15%	-15.5%	0.0%	0.0%

Certification Statement

As of May 30, 2018 I, Alexey Stetsyuk, 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
7647-01-0	Hydrochloric Acid
67-56-1	Methanol

Company Name:
Highest Ranking Employee:
Report Submitted by:
Website address:

Atlantic Biodiesel Corporation
Alexey Stetsyuk/Patrick Godbout
Alexey Stetsyuk
www.atlanticbiodiesel.com

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.