



Public Summary Report Under O. Reg. 455/09 Toxic Substance Reduction Plans

IGPC Ethanol Inc.

April 16, 2018

(update to the December 9, 2015 report for Nitrogen Oxides)



BASIC FACILITY INFORMATION

BASIC FACILITY INFORMATION		
Substances Included in the Plan		
<ul style="list-style-type: none"> Nitrogen Oxides (CAS No. 11104-93-1) 		
Facility Identification and Site Address		
Company Name	Integrated Grain Processors Co-operative Inc. (IGPC Ethanol Inc.)	
Facility Name	IGPC Ethanol Inc. – Aylmer Plant	
Facility Address	Physical Address:	Mailing Address:
	89 Progress Drive, Aylmer, ON N5H 2R9	P.O. Box 205, Aylmer, ON N5H 2R9
Spatial Coordinates of Facility	Easting: 501530 m Northing: 4736685 m (Zone 17, NAD 83 Datum)	
Number of Employees	56	
NPRI ID	11696	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	32 – Manufacturing	
4 Digit NAICS Code	3251 – Basic Chemical Manufacturing	
6 Digit NAICS Code	325190 – Other Basic Organic Chemical Manufacturing	
Facility and Planner Contact Information		
Facility Public Contact & Facility TSRP Coordinator Contact	Jim Grey, CEO	IGPC Ethanol Inc.
	Email: jgrey@igpc.ca	89 Progress Drive, Aylmer, ON N5H 2R9
	Phone: (519) 765-2575	
Planner Responsible for Making Recommendations and Certification	Brad Bergeron	4510 Rhodes Drive, Unit 530 Windsor, Ontario N8W 5K5
	Planner Licence No.: TSRP0242	
	Email: brad.bergeron@rwdi.com	
	Phone: (519) 823-1311 x 2428	



PLAN SUMMARY FOR EACH SUBSTANCE

Nitrogen Oxides (cas No. 11104-93-1)
Statement of Intent
In accordance with s. 4(1)1 of the Toxics Reduction Act and the Facility commitment to continuous improvement, IGPC Ethanol Inc. intends to reduce or minimize the use of the TRA listed substances wherever possible.
Objectives
IGPC Ethanol Inc. does not intend to implement a reduction option for Nitrogen Oxides. Nitrogen Oxides are created primarily through the combustion of natural gas. The facility is operating responsibly, using the cleanest type of fossil fuel available (natural gas). The IGPC facility is modern with state of the art process tracking and controls, staffed by a knowledgeable team and will continue to operate in this manner in an effort to continue improving efficiencies through continual improvements efforts on a day to day basis.
Description of Creation of Substance
Nitrogen Oxides are mainly generated through the combustion of mixtures of fuels (largely natural gas).
Description Option(s) to be Implemented
In accordance with s. 4(1)6 of the Toxic Reduction Act, the IGPC Ethanol facility has completed a detailed technical, and in some cases an economical, review of all proposed options within the seven mandatory categories and as a result of this in-depth evaluation, is choosing not to implement any of the options due to increased production in 2015 and subsequent years. The IGPC facility is modern with state of the art process tracking and controls, staffed by a knowledgeable team and will continue to operate in this manner in an effort to continue improving efficiencies through continual improvements efforts on a day to day basis.

This plan summary accurately reflects the Toxic Reduction Plan that has been prepared by RWDI AIR Inc. and IGPC Ethanol Inc. facility for Nitrogen Oxides, dated April 16, 2018.



Certification by Highest Ranking Employee

As of April 16, 2018, I, Jim Grey, certify that I have read the toxic substance reduction plans for the toxic substance referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Substance:

- Nitrogen Oxides (CAS No. 11104-93-1)

Date of Certified Plan:

April 16, 2018

Jim Grey
CEO
IGPC Ethanol Inc.



Certification by Licensed Planner

As of April 16, 2018, I, Brad Bergeron, certify that I am familiar with the processes at IGPC Ethanol Inc. that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the *Toxics Reduction Act, 2009* that are set out in the toxic substance reduction plans referred to below for the toxic substances and that the plans comply with the Act and Ontario Regulation 455/09 (General) made under that Act.

Substance:

- Nitrogen Oxides (CAS No. 11104-93-1)

Date of Certified Plan:

April 16, 2018

Brad Bergeron, Planner License #0242
Senior Project Manager | Toxic Substance Reduction Planner
RWDI AIR Inc.