



**Summary Letter as required under Toxics Reduction Act and Ontario Regulation 455/09 Amended April 16, 2018 (original dated May 26, 2014)**

**Integrated Grain Processors Co-operative Incorporated - IGPC Ethanol**

NPRI ID: 11696  
89 Progress Drive  
Aylmer, ON  
N5H 2R9  
Canada  
Number of employees: 50

**Contact Information**

Jim Grey  
Position: Chief Executive Officer  
Phone: (519) 765-2575  
Fax: (519) 765-2775  
jgrey@igpc.ca

**Geographical Coordinates**

Latitude: 42.7827  
Longitude: -80.9813  
Datum: 1983

**Standard Industrial Classifications**

- NAICS 2 Code: 31-33 - Manufacturing
- NAICS 4 Code: 3251 - Basic Chemical Mfg.
- NAICS 6 Code: 325190 - Other Basic Organic Chemical Mfg.

**Other Environmental Programs**

- G10478 - GHGRP



## 2013 Substance Information (tonnes)

Substance Name	CAS Number	Amount Entering Process	Amount Created	Amount Released to Air	Amount Disposed	Amount Recycled	Amount Contained in Product
Methanol	67-56-1	1 to 10	1 to 10	4.8	0	0	1 to 10
Sulphuric Acid	7664-93-9	100 to 1,000	0	0	0	0	0
Toluene	108-88-3	100 to 1,000	0	0.57	0	0	100 to 1,000
Benzene	71-43-2	10 to 100	0	0.090	0	0	10 to 100
Ethyl Alcohol	64-17-5	0	100,000 to 1,000,000	47	0	0	100,000 to 1,000,000
Ammonia	N/A	100 to 1,000	0	0	0.23	0	0
Nitrogen Oxides	11104-93-1	0	10 to 100	86	0	0	0
Carbon Monoxide	630-08-0	0	10 to 100	89	0	0	0

For comparison purposes, the following table provides a summary of the 2012 and 2013 TRA Accounting values.

## Comparison of 2012 to 2013 Reportable TRA Substances (tonnes)

Substance Name	CAS Number	2012		2013		Change in tonnes from 2012 to 2013	Rationale
		Amount Entering Process	Amount Created	Amount Entering Process	Amount Created		
Methanol	67-56-1	1 to 10	1 to 10	1 to 10	1 to 10	0 to -1	No Significant Change
Sulphuric Acid	7664-93-9	1,000 to 10,000	0	100 to 1,000	0	-100 to -1,000	Reduction Related to ammonia substitution trial
Toluene	108-88-3	100 to 1,000	0	100 to 1,000	0	-10 to -100	Reduction Related to Production
Benzene	71-43-2	10 to 100	0	10 to 100	0	-1 to -10	Reduction Related to Production
Ethyl Alcohol	64-17-5	0	100,000 to 1,000,000	0	100,000 to 1,000,000	-1,000 to -10,000	Reduction Related to Production
Ammonia	N/A	100 to 1,000	0	100 to 1,000	0	-10 to -100	Reduction Related to ammonia substitution trial
Nitrogen Oxides	11104-93-1	0	10 to 100	0	10 to 100	0 to -1	No Significant Change
Carbon Monoxide	630-08-0	0	10 to 100	0	10 to 100	0 to -1	No Significant Change



## **Certification**

As of April 16, 2018, I, Jim Grey certify that I have read the report on the toxic substance reduction plan for the toxic substances referred to above and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Signed, in Aylmer, ON, on April 16, 2018



**Jim Grey, CEO**  
IGPC Ethanol Inc.