



**CONESTOGA MEAT PACKERS LIMITED**

**TOXIC SUBSTANCE REDUCTION  
PLAN SUMMARY – Phase II  
AMMONIA (TOTAL)  
NITRATE ION**

**Submitted to:**

Dan Schwartzentruber  
Maintenance Manager  
Conestoga Meat Packers Ltd.  
313 Menno Street/RR2  
Breslau, Ontario  
N0B 1M0

**Submitted by:**

AMEC Americas Limited  
900 Maple Grove Road, Unit 10  
Cambridge, ON  
N3H 4R7

**Date**

December 19, 2013

**Project Number**

TR1212042

## **TOXIC REDUCTION POLICY STATEMENT OF INTENT**

CMP does not intend to reduce the creation of ammonia or the nitrate ion as these substances are a by-product of processing live hogs. However, CMP is committed to protecting the environment and as feasible options for reducing the creation of ammonia and nitrate are developed it would be CMP's intent to implement in full compliance with all federal and provincial regulations. Our employees are encouraged to participate in all types of reduction activities. As the toxic substances associated with CMP operations are created as by-products from the processing and waste water activities any reduction their creation would not only be environmentally responsible it would also indicate improved efficiencies in our processing operations.

Options that are both technologically and economically viable will be implemented at the facility.

## **REDUCTION OBJECTIVES**

Although CMP does not have the ability to reduce the quantity of ammonia and nitrate ions as there were no reduction options identified to be technologically feasible. Potential reduction options will continue to be monitored and reevaluated as costs, market demands, technology and production requirements change.

## **PLAN SUMMARY STATEMENT**

This plan summary accurately reflects the content of the toxic substance reduction plan for ammonia and nitrate, prepared on behalf of Conestoga Meat Packers Ltd., dated 19 December 2013.

## BASIC FACILITY INFORMATION

Company Name: Conestoga Meat Packers Limited

Contact Information:

Highest Ranking Employee: Arnold Drung  
President  
519-648-2506  
[adrung@conestogameats.com](mailto:adrung@conestogameats.com)

Technical Contact: Dan Schwartzenruber  
Maintenance Manager  
519-648-2506  
[dschwartzenruber@conestogameats.com](mailto:dschwartzenruber@conestogameats.com)

Certified Planner: Beth Rhyno P.Eng.  
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Compliance Team Leader  
AMEC Americas, Environment & Infrastructure  
519-650-7100 ext.6105  
[beth.rhyno@amec.com](mailto:beth.rhyno@amec.com)

Parent Company: Progressive Pork Producers Co-Operative Inc.  
100% ownership

Facility Address: 313 Menno Street/RR2  
Breslau, Ontario  
N0B 1M0

UTM Locator (NAD83): Zone - 17  
549281E, 4813601N

Business Number: 101090785

The facility's NPRI ID: 10809

In 2012, Conestoga Meats Packaging Ltd. employed about 500 full time employees (equivalent).

The NAICS codes applicable to the facility are:

31	- Manufacturing
3116	- Animal Slaughtering and Processing
311611	- Animal (except poultry) Slaughtering

The site creates/releases two (2) MOE prescribed Phase II Toxic compounds: ammonia and nitrate. Both ammonia and nitrate are created as by-products during processing. As both substances follow similar flows, one collective TRA plan has been developed for ammonia and nitrate.

The CAS numbers for the MOE Toxic Compounds included in this plan are:

Ammonia (Total)	NA-16
Nitrate Ion	NA-17



#### **CERTIFICATION OF HIGHEST RANKING EMPLOYEE**

As of 19 December 2013, I, Arnold Drung, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Ammonia (Total)	NA-16
Nitrate Ion	NA-17

Arnold Drung  
President  
Conestoga Meat Packers Limited

#### **CERTIFICATION OF LICENSED PLANNER**

As of Dec 19, 2013, I, Beth Rhyno, certify that I am familiar with the processes at Conestoga Meat Packers Ltd. 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 plan dated Dec 19, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Ammonia (Total)	NA-16
Nitrate Ion	NA-17

Beth Rhyno, P.Eng.  
Licensed Toxic Reduction Planner (Ontario): License Number TSRP0273  
Compliance Team Leader  
AMEC Americas, Environment & Infrastructure