



CONESTOGA MEAT PACKERS LIMITED

**TOXIC SUBSTANCE REDUCTION
PLAN SUMMARY – 2013**

**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

June 27, 2014

Project Number

TR1214012.1000

TOXIC REDUCTION POLICY STATEMENT OF INTENT

CMP does not intend to reduce the creation of ammonia or the nitrate ion as these substances are created as a by-product of processing live hogs. Additionally, ammonia is also used in supporting operations vital to hog processing. However, CMP is committed to protecting the environment and as feasible, as options for reducing the creation and/or use 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 or used in supporting operations, any reduction in the creation and/or use 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 27 June 2014.

BASIC FACILITY INFORMATION

Company Name: Conestoga Meat Packers Limited

Contact Information:

Highest Ranking Employee: Arnold Drung
President
519-648-2506
adrung@conestogameats.com

Technical Contact: Dan Schwartzenruber
Maintenance Manager
519-648-2506
dschwartzenruber@conestogameats.com

Certified Planner: Beth Rhyno P.Eng.
License Number TSRP0273
Compliance Team Leader
AMEC Americas, Environment & Infrastructure
519-650-7100 ext.6105
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 2013, Conestoga Meats Packaging Ltd. employed about 600 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 uses and/or creates two (2) MOE prescribed Phase II toxic substances: ammonia and nitrate. Both ammonia and nitrate are created as by-products during processing. As both substances follow similar flows, one collective TRA plan was developed for ammonia and nitrate, based on 2012 operating year.

As part of the expansion which occurred in 2013, CMP installed a new ammonia refrigeration system. This addition is considered as a significant process change, and thus the TRA plan completed for Ammonia in 2012, is now required to be revised.

The 2012 TRA plan for Nitrate is still considered to be relevant, and did not require an update. However, it is included in this report for completeness.

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 June 27, 2014, 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 June 27, 2014, 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 June 27, 2014 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