



**Rothsay – Dundas
a division of Darling International Canada**

**TOXIC SUBSTANCE REDUCTION PLAN SUMMARY
for Sulphuric Acid**

**Submitted to:
Rothsay –Dundas: Darling International Canada
880 Highway #5
Dundas, ON, L9H 5E2**

**Submitted by:
Amec Foster Wheeler Environment & Infrastructure
900 Maple Grove Road, Unit 10
Cambridge ON, N3H 4R7**

December 31, 2014

Toxic Reduction Policy Statement of Intent

Rothsay – Dundas, a division of Darling International Canada, does not intend to reduce the use of sulphuric acid in its process due to the lack of a technically feasible alternative. There has been a significant investment in the improvement of the wastewater treatment system to implement advance treatment technology. Sulphuric acid is used within the wastewater treatment process as a processing aid and it has been determined to be the most efficient and environmentally responsible substance to be used for its purpose. Rothsay is committed to reducing the use, creation, or transfer of toxic substances in its process wherever it is found to be technically and economically feasible.

Reduction Objective

Rothsay-Dundas is committed to having all employees to be actively involved in the reduction of toxic substance use, creation and releases. Sulphuric acid is a processing aid required by the wastewater treatment system. The operation is optimized to ensure minimal quantities of Sulphuric acid are used. Currently there is no technically feasible technology or technique that would remove, reduce or limit the amount of Sulphuric acid required to operate the wastewater system in an environmentally responsible manner.

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for sulphuric acid prepared on behalf of Rothsay-Dundas dated 31 December 2014. There are no technically feasible options to implement at Rothsay-Dundas to reduce the use of Sulphuric acid as a wastewater processing aid.

Basic Facility Information

Company Name:	Darling International Rothsay 880 Highway #5 Dundas, ON N9H 5E2
---------------	--

Contact Information:

Highest Ranking Employee: Arlen Bolan, P.Eng.
Plant Manager
289-768-2224

arlen.bolan@rothsay.ca

Technical Contact: Amar Aulkh
Chief Engineer
289-309-3504

Certified Planner: Beth Rhyno, P.Eng – TSRP#00273
SW Compliance Lead
Amec Foster Wheeler, Environment and
Infrastructure
900 Maple Grove Road, Unit 10
Cambridge, ON, N3H 4R7
519-650-7104

beth.rhyno@amecfw.com

Plant Location (UTM): Zone 17
522897E; 4851298N

Canadian Head Office: Darling International Canada
150 Research Lane, Suite 307
Guelph, ON
519-780-3342

US Parent Company: Darling Ingredients Inc.
251 O'Connor Ridge Blvd., Suite 300
Irving, TX 76034

The facility's NPRI ID: 5987

NAICS Code: 311614

In 2013 Rothsay-Dundas employed about 178 full time employees (equivalent).

Sulphuric is a toxic substance that is used as a process aid within the wastewater treatment system. The CAS number associated with the TRA reporting through NPRI for Sulphuric acid is 7764-93-9.

Certification by Highest Ranking Employee

As of 31 December 2014, I, Arlen Bolan, certify that I have read the toxic substance reduction plan for sulphuric acid and am familiar with its content, and to my knowledge the plan is factually accurate and complies with the **Toxic Reduction Act, 2009** and **Ontario Regulation 455/09 (General)** made under that Act.

Sulphuric Acid (CAS # 7664-93-9)



Arlen Bolan, P.Eng, Plant Manager
Rothsay, Darling International

Date 31 December 2014

Toxics Substance Reduction Planner

As of December 31, 2014, I, Beth Rhyno, P.Eng., certify that I am familiar with the process at Darling International - Rothsay's Dundas facility that use or create the toxic substances referred to below, that I agree with the estimates referred to paragraph 7 iii, iv and v of subsection 4(1) of the **Toxic Reduction Act, 2009** that are set out in the plan dated May 31, 2014 and that plan complies with that Act and **Ontario Regulation 455/09 (General)** made under that Act.

Sulphuric Acid (CAS # 7664-93-9)



TSRP#00273

31 December 2014

Beth Rhyno, P.Eng.
SW Compliance Lead
Amec Foster Wheeler Environment & Infrastructure, Cambridge ON

License Number

Date