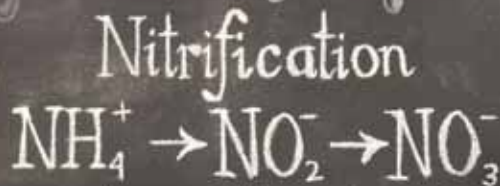


WATER CANADA

DESIGNING FOR THE FUTURE

Frontiers of Influence and Innovation



Active Microbes:
Nitrosomonas, Nitrobacter



Trojan's Game Change for Ballast Water Treatment (page 8)

An International Standard for "Flushable" (page 14)

Energy-Neutral Wastewater Treatment (page 30)

INSIDE:
water's next awards 2016
WINNERS!
page 18

PM #40854046

WATER RESOURCES

8 Sleeping Giant

Over 80 per cent of the world's trade is carried by shipping, but with it, comes the risk of invasive species. Trojan Technologies is set to revolutionize the industry, but U.S. regulatory hurdles must be overcome.

BY **KATHERINE BALPATAKY**



8

CONVEYANCE

14 Straight Flush

Canadian wastewater operators are leading the charge to create an international standard defining what is truly "flushable."

BY **EVE KRAKOW**



14

STORMWATER

28 The Fixer

The continuing challenge of stormwater maintenance.

BY **TIM VAN SETERS**



28

WASTEWATER

30 Wastewater of the Future

GE's ZeeLung technology has made energy-neutral wastewater a reality.

BY **JEFF PEETERS**



30

DRINKING WATER

32 Create A Water Regulator for Ontario: Report

New Report urges Ontario to adopt a water board.

BY **JEFF SANFORD**



32

water's next awards 2016

SPECIAL FEATURE

Water Canada proudly profiles the eight Water's Next 2016 winners.

PAGE 18

COLUMNS

34 Liquid Assets

Embracing a more holistic, decentralized approach to water management.

BY **DENNIS F. HALLAHAN**

36 Rules & Regs

Canada's infrastructure future should include asset management and levers for innovation.

BY **ROBERT HALLER**

42 H2Opinion

New Brunswick's new water strategy is an opportunity to enshrine best practices.

BY **STEPHANIE MERRILL**

DEPARTMENTS

5 Editor's Note

Embracing Good Ideas

BY **KATHERINE BALPATAKY**

6 Front

Off-grid wastewater treatment, craft beer, and the Lake Michigan diversion decision.

38 People & Events

New jobs, recent awards and coverage of the latest events.