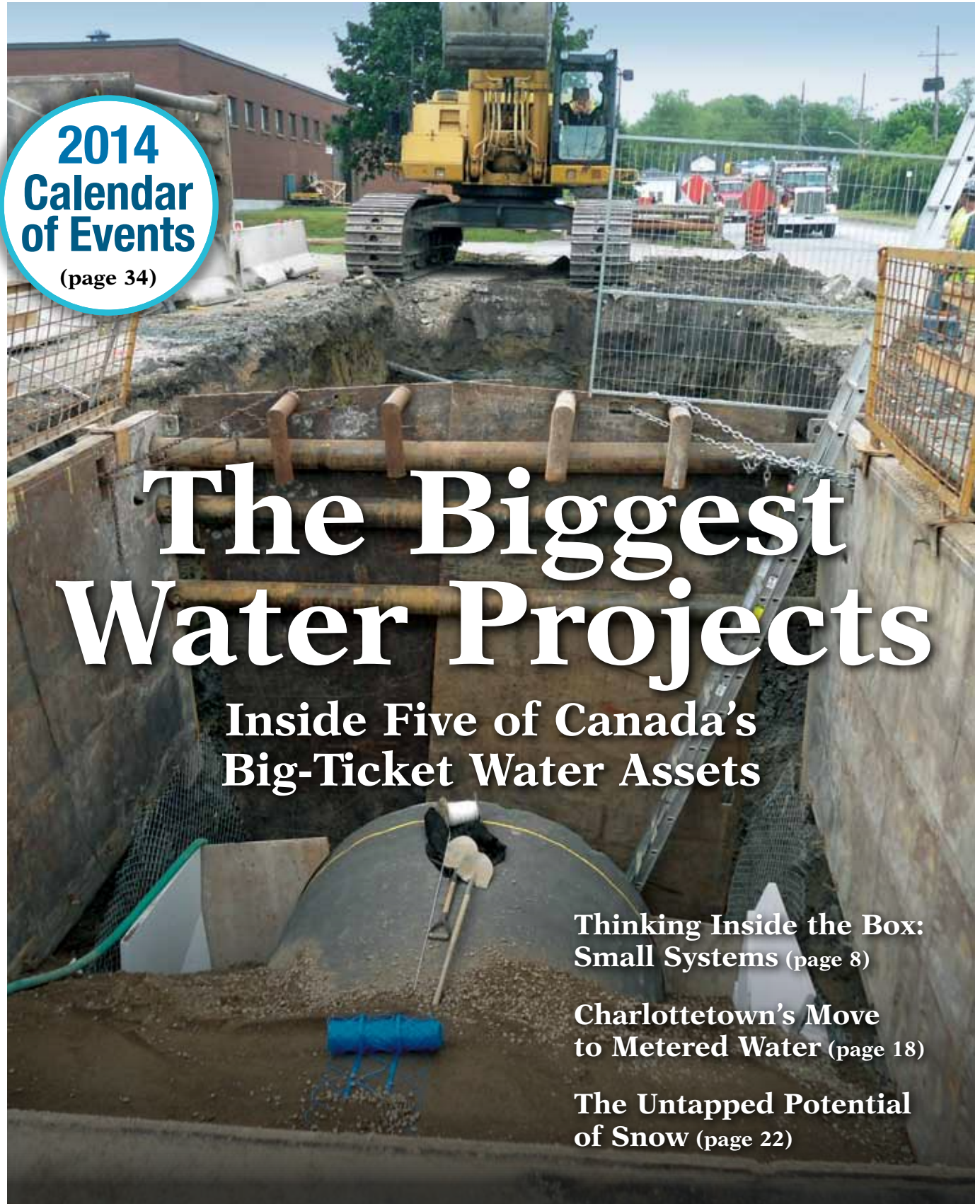


WATER CANADA



**2014
Calendar
of Events**
(page 34)

The Biggest Water Projects

Inside Five of Canada's
Big-Ticket Water Assets

Thinking Inside the Box:
Small Systems (page 8)

Charlottetown's Move
to Metered Water (page 18)

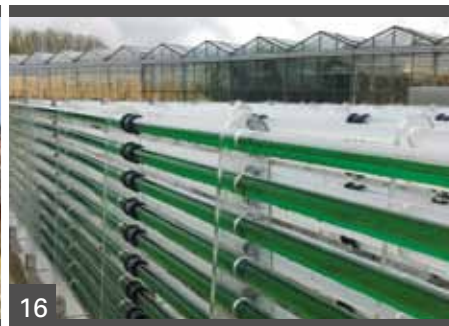
The Untapped Potential
of Snow (page 22)



8



12



16

FEATURES

8 Thinking

Inside the Box

For Canada’s remote towns and suburban developments, containerized sewage treatment promises plenty of benefits.

BY JULIE STAUFFER

12 Canada’s Top 5 Water Projects

Water Canada presents the biggest water and wastewater projects in the country.

16 Going Dutch

Water Canada visits the Netherlands for Amsterdam Aquatech.

BY KERRY FREEK

18 A Measure of Progress

Charlottetown is making its move to metered water in an effort to conserve dwindling groundwater supply.

BY CAITLIN HENDERSON-TOTH

DRINKING WATER

26 In the Mix

Active mixing solves problems like ice buildup in potable water tanks.

BY MARTINE PAWLOWSKI

WASTEWATER

22 Waste Not, Want Not

Should Canadians be treating snow like an untapped commodity instead of as an expensive nuisance?

BY CLARK KINGSBURY

CONVEYANCE

20 Line of Defence

Pipe lining provides a cheaper solution for protecting drinking water in municipalities dealing with aging infrastructure.

BY RACHEL PHAN

WATER RESOURCES

24 Clean and Clear

After restoring creeks and treating groundwater, a newly remediated Sydney Tar Ponds reopens as a public park.

BY SAUL CERNOS

2014 EVENTS CALENDAR

34 A list of upcoming events in the water sector.

COLUMNS

28 Groundbreakers

Canadian researchers lead the development of bioactive papers with the potential to detect—and possibly deactivate—water-borne pathogens.

BY CLARK KINGSBURY

30 The Young Professional ERIN LONGWORTH

develops wastewater projects from early inception—and she’s only 32.

32 Liquid Assets

Are infrastructure trusts a worthwhile option to consider in Canada?

BY TREENA HEIN

36 Rules and Regs

Canada needs to do more to improve its infrastructure and to educate the public.

BY ROBERT HALLER

42 H2Opinion

Why aren’t we monitoring the potential radioactive debris washing up on Canada’s West Coast?

BY MARY JOHNSTON

DEPARTMENTS

5 Editor’s Note

School’s out.

BY KERRY FREEK

6 Comment

JUSTIN CLARKE examines the effects of road salt on trees and groundwater in Southern Ontario.

7 Front

What the toad knows and giveaway winners.

38 News

Jobs, awards, and new contracts.

39 Events

Environment Industry Day, Window on Ottawa, OCWA Technology Showcase, American Water Summit, and more.



20



24



30