

# WATER CANADA



**POWER!**

Forget the Nexus:  
From Steam to Hydro to  
Heat, Water **IS** Energy

Montreal: What  
Happened? (page 11)

Sewage Gets  
Graphic (page 14)

The Name of the  
Game is Drought  
(page 24)



11



14



16

**FEATURES**

**19 Life in the Floodplains**

The Alberta floods, in brief.

**22 Power Play**

Finding big value in the places where water and energy collide.

**BY BRENT GILMOUR AND ERIC CAMPBELL**

**24 The Name of the Game is Drought**

The Okanagan Basin Water Board engages stakeholders in a tournament of thirst.

**BY KERRY FREEK**

**DRINKING WATER**

**9 Off the Charts**

Tapping into demographic data and more to map a course for better water management.

**BY KATELYN MARGERM**

**11 Boiling Points**

Deconstructing Montreal's city-wide boil-water order.

**BY SAUL CHERNOS**

**WASTEWATER**

**14 The Toilet Toll**

Sewer systems—and taxpayers—are paying the price for what confused consumers deem “flushable.”

**BY BARRY ORR**

**CONVEYANCE**

**16 Forcemains in Quick Time**

Poor soil conditions and tight timelines force a project team to be innovative.

**BY JESSICA ROWEN**

**WATER RESOURCES**

**20 A Strain on Safety**

A power plant works to mitigate E. coli that threatens the sandy shores of Toronto's Cherry Beach.

**BY LESLIE HETHERINGTON**

**COLUMNS**

**26 Liquid Assets**

System dynamics can help utilities evaluate long-term infrastructure spending.

**BY MARK KNIGHT**

**31 Rules & Regs**

The water-energy link is critical to developing an integrated approach to water management.

**BY KEVIN REILLY**

**32 Groundbreakers**

WRAIN—a new network that encourages water tech vendors to apply for municipal pilots—is open for business.

**BY KERRY FREEK**

**38 H2Opinion**

Power players need water risk to be real on their terms, says **ROB DE LOË**.

**DEPARTMENTS**

**5 Editor's Note**

The forces of nature. **BY KERRY FREEK**

**6 Comment**

**PAUL NORRIS** on taking waterpower for granted.

**7 Front** Could poplar ash solve the tar sands legacy?

**27 Giveaway** Win a copy of **Ralph Pentland** and **Chris Wood's** new book, Down the Drain.

**28 News** Jobs, awards, acquisitions, and a new section announcing contracts.

**33 Events** Canadian Urban Forum, Environment and Cleantech Business & Policy Forum, Canadian Water Summit, and more.



22



24



32