

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?

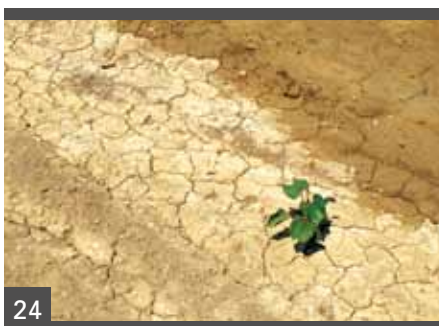
27 Giveaway Win a copy of **Ralph Pentland** and **Chris Wood's** new book, *Down the Drain*.

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