

WATER CANADA

The Water-Aware Home

The Utility Bill of the Future
page 22

Why Low-Flow Toilets Might Be High-Risk
page 28

Lush Lawns: Water Hogs or Economic Saviours?
page 26

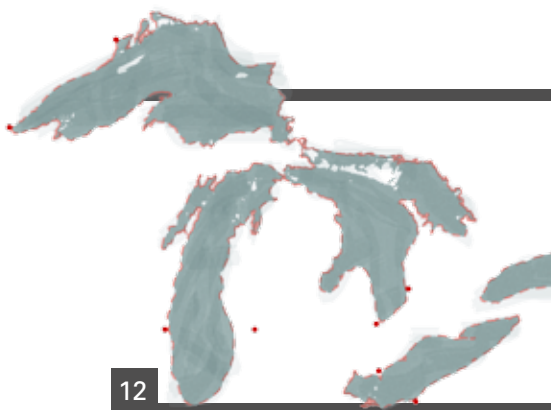
A Structural Plumbing Revolution
page 23

Building Blue in Guelph
page 20

Great Lakes:
Triumphs and Changes

Experts Comment on the
Infrastructure Report Card

+ 2013 Buyer's Guide



12



16



20

FEATURES

8 Diagnosis: Murky

Growth, scarcity, and contamination on Salt Spring Island are stressing its water supply. **BY BRAD DENSMORE**

30 The State of Our Water Assets

Experts comment on a new infrastructure report card. **BY KERRY FREEK**

GREAT LAKES

12 Curbing the Flow

A tale of ten Great Lakes cities. **BY SAUL CHERNOS**

16 The Fresh Coast

Photographer **ED WARGIN**'s mission to preserve the present-day Great Lakes.

18 Cooperation Across Borders

Great Lakes United's John Jackson on Ontario's proposed Great Lakes Protection Act. **BY MEIRAV EVEN-HAR**

19 Bits and Bites

A study in urban flooding and the federal government's nutrient initiative.

THE WATER-AWARE HOME

20 Building Blue

Forging a path to reduce the residential water footprint. **BY KAITLYNN DODGE**

22 The Utility Bill of the Future

VELObill could revolutionize water conservation. **BY CHRIS RIDDELL**

23 Rethinking Pumps and Pipes

Hot ideas for warm water in the home. **BY MICHAEL ANSCHEL AND KERRY FREEK**

25 Under the Sink

Preventing poor plumbing installations. **BY JOHN PRIOLO**

26 Is the Grass Always Greener?

A lush lawn can be a drain on scarce water resources, but it may also be a boon to cities with stormwater issues. **BY KERRY FREEK**

28 Bowled Over

Do low-flow toilets pose a risk to municipalities with aging water infrastructure? **BY STACY BRADSHAW**

COLUMNS

40 Rules and Regs

Federal infrastructure grants still matter—for now. **BY COLWYN SUNDERLAND**

41 Groundbreakers

A University of Toronto team tackles affordable sanitation for the developing world.

42 H2Opinion

BRYAN KARNEY considers the wholeness of water.

SPECIAL SUPPLEMENT

2013 BUYER'S GUIDE

DEPARTMENTS

5 Editor's Note

From Tanzania to Toronto. **BY KERRY FREEK**

6 Comment

JAMES P. BRUCE AND CHRIS WOOD dissect the renegotiated GLWQA.

7 Front Feedback, online content, and a book giveaway.

35 News Jobs, awards, acquisitions, and partnerships.

36 Events How Blue Is Your Bottom Line?, The Living Waters Rally, Making It Work: LID in Action, and more.



25



26



28