

# Toronto Western Beaches Storm Storage

## Giant Tanks to Cut Beach Pollution



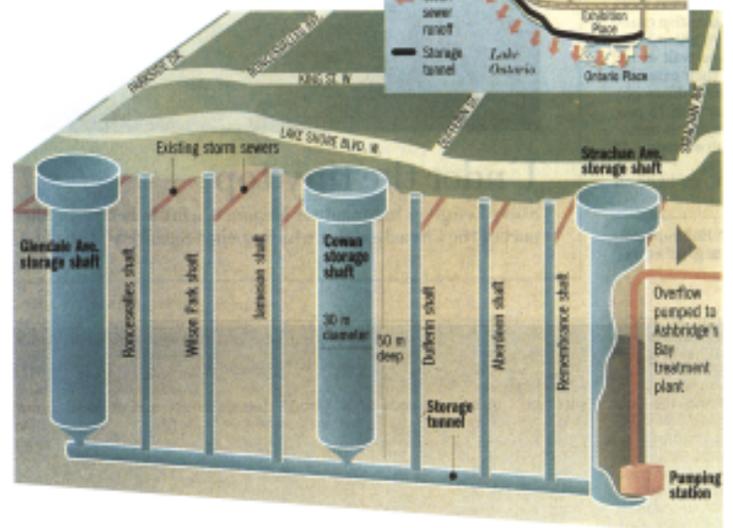
**Project:** Toronto Western Beaches Storm Storage

**Owner:** City of Toronto

**Application:** Vertical Storm Sewer Shafts

**Contractor:** McNally – Frontier J. V. Inc.

**Western beaches tunnel**  
 The western beaches storage tanks and tunnel will collect and clean up to 85,000 cubic metres of storm sewer runoff.



To reduce lake pollution, the City of Toronto needed to regulate the storm water flows along its Western Beaches. Storm flows with high particulate and bacterial loads were to be diverted down vertical shafts to large storm storage areas for treatment and flood attenuation. Weholite was selected because of its abrasion resistance and cost. The project involved the placement of Weholite in sizes from 30" to 72" in vertical shafts with a maximum depth of 120'. The pipe wall annulus, and the space beyond the shaft OD were grouted in place. Grouting was accomplished in 20' lifts.