



## HDPE is a part of the deep lake water cooling solution for Toronto

The City of Toronto sits on the shore of deep, cold Lake Ontario. The new 1,600mm HDPE pipe intake line installed in June, July and August of 2003 allows 4°C water to be drawn from a depth of 83m.

This renewable source of naturally chilled water serves a dual purpose. First, in cooling 20 million square feet of city core office buildings, reducing greenhouse gases by 40,000 tons per year thus helping to eliminate mid-summer smog.

Secondly, it provides the city and residents with cleaner drinking water at no extra cost to the taxpayer.

HDPE pipe was selected for this innovative project, due to its corrosion resistance and resistance to zebra mussel fouling. Additionally, it can be butt fused into long flexible lengths and floated into position for a simplified and quicker installation.

Source: KWH pipe  
Received September 17, 2004