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November 25, 2011  
Marilyn Toft  
City Council Secretariat  
12th floor, West Tower, City Hall  
100 Queen Street West  
Toronto, ON M5H 2N2

**For distribution to Mayor and Council**

Dear Mayor and Council:

**RE: PW9.5 Implementation of Findings from Comparative Analysis of Pipe Materials  
Study for Large Diameter Transmission Watermains**

I am writing to strongly endorse the Public Works and Infrastructure Committee's recommendation to approve the use of alternative pipe materials for large diameter transmission watermains, including polyvinyl chloride (PVC).

As a Greenpeace co-founder and former leader, and as an advisor to industry and government, I have followed closely the PVC sustainability discussion for more than a decade. I believe that PVC is one of the most sustainable, useful and affordable plastics available today.

Given PVC's incredible durability, I believe it is well suited for large diameter transmission watermains and its selection would likely result in low maintenance costs for the city. This durability is also good for the environment because it results in less replacement due to wear and tear.

Furthermore, by opening future construction tenders to a range of pipe materials, including PVC, the city will allow for increased competition from a range of vendors, driving down the cost of bids and consequently getting more value for the taxpayer.

Contrary to claims by some environmental activists, PVC's effects on health and the environment have been investigated at every stage from manufacture through use and on to final disposal – in all cases PVC has been shown to be safe and environmentally sound.

I strongly believe that the best way to deliver affordable, safe drinking water is through a PVC pipe -- alternatives simply don't match the safety, affordability and durability of PVC.

I urge City Council to approve the use of alternative pipe materials for large diameter transmission water mains, including PVC.

Sincerely,

A handwritten signature in cursive script that reads "Patrick Moore". The signature is written in a dark ink and is positioned centrally below the text "Sincerely,".

Dr. Patrick Moore  
Chairman and Chief Scientist  
Greenspirit Strategies Ltd.