

<b>TSX-V: WEE</b>	<b>For Immediate Release</b>
	<b>January 14, 2004</b>

## **Wavefront Energy and Environmental Receives Pilot Contract for Pump and Treat Application**

**- Pilot Study at Maspeth Substation in Queens, NY to Accelerate Contaminant Removal -**

EDMONTON, Alta Jan. 14/ Wavefront Energy and Environmental Services Inc. (the "Company"), a provider of innovative technologies for fluid flow optimization and monitoring processes, is pleased to announce the implementation of Wavefront's Pressure Pulse Technology (PPT) with Jacques Whitford Company Inc., Environmental, Geotechnical and Risk Management Consultants of Portsmouth, New Hampshire.

The one-week pilot study will be conducted at Consolidated Edison's Maspeth Substation in Queens, NY to assess the efficacy of PPT. PPT will be combined with water injection, to increase the recovery rate of a contaminant impacting groundwater quality. Results of the study will be compared to water injection without PPT with a view to determine how PPT can be used to reduce the overall time and lifecycle costs of the proposed environmental remediation plan for the Maspeth site. Wavefront hopes to replicate the results of a previous program that accelerated the removal of an in-ground contaminant by a factor in excess of 250% and allowed the Company to obtain its Environmental Technology Verification (ETV) Certificate.

Mr. Brett Davidson, President and CEO of Wavefront commented, "We are pleased to have the opportunity to demonstrate PPT to Jacques Whitford and Consolidated Edison. Successful implementation of PPT at the Maspeth site will open many doors in the electrical utility industry, which has a large number of contaminated sites that are currently being remediated. We remain very excited about the developments we are seeing in the environmental sector given the growth potential in the marketplace."

Export Development Canada, in the summer 2003 edition of ExportWise, estimated that the United States government spends approximately \$1.4 billion annually for cleanup of toxic waste sites. The article also estimates that the global waste cleanup market is more than \$100 billion per year with many countries experiencing growth in the 20 percent range.

*About Wavefront Energy and Environmental Services Inc.*

Wavefront is an energy and environmental technology company that has developed and commercialized innovative technologies for fluid flow optimization and process monitoring in both the environmental and energy sectors. The Company's PPT has been proven to increase secondary oil recovery and energy security. Within the environmental sector, Wavefront's verified PPT has broad application in the accelerated recovery and degradation of groundwater contaminants thereby reducing the attendant liabilities associated with the contaminated site. Wavefront trades on the TSX Venture Exchange under the symbol WEE. Current shares issued and outstanding are 20,388,738.

For further information please contact:

D. Brad Paterson, CFO  
Wavefront  
780 486 2222 ext. 224

Flora Wood or Phil Williams  
Strategic Investor Relations  
416 366 0012

Don Mosher  
604 682 5548

ON BEHALF OF THE BOARD OF DIRECTORS

***WAVEFRONT ENERGY AND ENVIRONMENTAL SERVICES INC.***

*"D. Brad Paterson" (signed)*

D. Brad Paterson,  
CFO & Director