

TSX-V: WEE	For Immediate Release
	December 16, 2004

**WAVEFRONT ENERGY & ENVIRONMENTAL SIGNS
LETTER OF INTENT FOR OIL AND GAS DEVELOPMENT**

***PRESSURE PULSE TECHNOLOGY TO BE USED
IN SECONDARY OIL RECOVERY OPERATION***

EDMONTON, Alta December 16/ Wavefront Energy and Environmental Services Inc., a provider of innovative technologies for fluid flow optimization and monitoring processes, is pleased to announce it has signed a letter of intent to lease the oil and gas mineral rights of a 219 acre track of land situated in Milam County, Texas. The oil-bearing reservoir on the land is known as the Navarro Sands. Under the letter of intent the Company has 90 days to, among other things, complete its due diligence, secure an acceptable equity partner, enter into a definitive agreement and obtain the appropriate approvals.

If the Company exercises its option under the letter of intent, the terms under a one-year lease include a cash payment of US \$50 per acre and one-eighth lease royalty paid to the mineral rights owner(s), and a one-sixteenth overriding royalty paid to the landowner.

Brett Davidson, President and CEO of Wavefront, commented: "We are very excited at what the Milam County opportunity represents to the Company. The lease of an oil field fits well with our corporate strategy by allowing the Company to:

1. Have Pressure Pulse Technology ("PPT") systems permanently installed in a field-scale situation;
2. Provide ongoing results of the effectiveness of PPT to further support marketing efforts to potential national and multinational clients, and institutional investors; and,
3. Increase the Company's revenue and asset base.

With positive results the Company will be able to leverage this opportunity to gain greater access to other oil fields as well as increasing overall market awareness of PPT."

Subject to the exercise of the Milam County lease, the Company has also reached an agreement in principal with an oil and gas production company in Texas to operate the Milam County field and future fields that the Company may acquire. Management believes this to be an integral component in obtaining and operating the leases as a third-party operator minimizes the total overhead, and additional human resource requirements associated with production operations allowing the Company to focus in its core competencies while maximizing return.

About Wavefront Energy and Environmental Services Inc.

Wavefront develops, markets, and licenses proprietary technologies in the energy and environmental sectors. The Company's *Pressure Pulse Technology* for fluid flow optimization has been demonstrated to increase oil recovery. Within the environmental sector, PPT accelerates contaminant recovery and improves in-ground treatment of groundwater contaminants thereby reducing liabilities and restoring the site to its natural state more rapidly. Wavefront website is www.onthewavefront.com.

For further information please contact: D. Brad Paterson, CFO
780-486-2222 x224 Tel
bradp@onthewavefront.com

ON BEHALF OF THE BOARD OF DIRECTORS

WAVEFRONT ENERGY AND ENVIRONMENTAL SERVICES INC.

"D. Brad Paterson" (signed)

D. Brad Paterson, CFO & Director

THE TSX VENTURE EXCHANGE NEITHER APPROVES NOR DISAPPROVES THE CONTENTS OF THIS
RELEASE WHICH WAS PREPARED SOLELY AT THE DISCRETION OF MANAGEMENT