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For Immediate Release

TSX-V: WEE

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**WAVEFRONT ENERGY & ENVIRONMENTAL SERVICES INC.
ACQUISITION OF PREDATOR PUMPS LTD.**

EDMONTON, Alta Feb 02, 2009/ Wavefront Energy and Environmental Services Inc. ("Wavefront"), a world leader in fluid injection technology for improved/enhanced oil recovery and groundwater restoration is pleased to announce that it has completed the acquisition (the "Acquisition") of all of the issued and outstanding shares of Predator Pumps Ltd. ("Predator"), an arms length, privately held Alberta company.

Predator has been in operation since 2008 as an oil service company in the heavy oil industry, operating in western Canada. Predator offers complementary products to Wavefront Sand Pumps and Rentals Ltd., more specifically; sand pumps and wellbore cleaning equipment.

Predator's management reported, unaudited, consolidated revenue of \$522,221 with net income (before taxes) of \$103,480 for the twelve months ending October 31, 2008.

Total consideration (the "Purchase Price") for the Acquisition was \$750,000. Of the Purchase Price, Wavefront paid \$600,000 in cash and held back \$150,000 to be paid to Predator, in full or in-part, with respect to maintaining current sales levels. No finders' or similar fees were paid in connection with the transaction.

Wavefront President and CEO Brett Davidson stated, "We are pleased to have Predator join the Wavefront brand. In a brief period Predator has built a sound reputation with a noteworthy client base. Management believes the integration of Predator into Wavefront Sand Pumps will better serve current clients and create new opportunities for growth as we position the combined companies to be a premier supplier for sand pumps, wellbore cleaning equipment, and wellbore stimulation using Powerwave."

"Joining the Wavefront brand will allow the combined companies of Wavefront Sand Pumps and Predator to capture further market share and open new opportunity beyond the heavy oil market", commented Predator President, Duwayne Springer. "We are very pleased and excited to work with the Wavefront team to advance its innovative oil production technologies."

Wavefront also announces that Wavefront will file, in accordance with TSX Venture Exchange policy, a Summary Form disclosing the granting of an aggregate of 150,000 incentive stock options pursuant to the Company's Stock Option Plan. The 150,000 incentive stock options being granted are to a continuing employee and consultant of Predator. The options will be exercisable at a price of \$0.60 per share, for a period of five years. The options are subject to a hold period of 4 months and vesting period of 18 months, in accordance with the Company's Stock Option Plan and Exchange policy.



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About Wavefront Energy and Environmental Services Inc.

Wavefront is a technology-based company with a focused, strategic plan to leverage the value of our intellectual property in order to maximize oil production recovery operations, as well as provide additional solutions for environmental applications.

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ON BEHALF OF THE BOARD OF DIRECTORS

WAVEFRONT ENERGY AND ENVIRONMENTAL SERVICES INC.

"D. Brad Paterson" (signed)

D. Brad Paterson, CFO & Director

Cautionary Disclaimer – Forward Looking Statements

Certain statements contained herein regarding Wavefront and its operations constitute "forward-looking statements" within the meaning of Canadian securities laws and the United States Private Securities Litigation Reform Act of 1995. All statements that are not historical facts, including without limitation statements regarding future estimates, plans, objectives, assumptions or expectations or future performance of Wavefront and Predator, as described in the comments by Wavefront's President and CEO and Predator's President above, are "forward-looking statements". In some cases, forward-looking statements can be identified by terminology such as "may", "will", "should", "expect", "plan", "anticipate", "believe", "estimate", "predict", "potential", "continue" or the negative of these terms or other comparable terminology. We caution that such "forward-looking statements" involve known and unknown risks and uncertainties that could cause actual results and future events to differ materially from those anticipated in such statements. Such material factors include fluctuations in the acceptance rates of Wavefront's Powerwave and Primawave Processes, demand for products and services, fluctuations in the market for oil and gas related products and services, the ability of Wavefront to attract and maintain key personnel, technology changes, global political and economic conditions, and other factors that were described in further detail in Wavefront's continuous disclosure filings, available on SEDAR at www.sedar.com. In addition, we have assumed that the business of Wavefront Sand Pumps and Predator will be successfully integrated, and Wavefront expressly disclaims any obligation to up-date any "forward-looking statements", other than as required by law.

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