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WAVEFRONT ENERGY & ENVIRONMENTAL SERVICES INC.

PRIMAWAVE REFINERY CLEAN-UP INITIATED IN NEW YORK STATE

EDMONTON, Alta Aug 18, 2008/ Wavefront Energy and Environmental Services Inc. ("Wavefront"), a world leader in fluid injection technology for improved/enhanced oil recovery and groundwater restoration announces that the commercial Primawave project with a world leading, integrated oil and gas producer, first published on June 17, 2008 has commenced. The project, expected to be a multi-year, multi-system undertaking, entails the use of Primawave with waterflooding to accelerate the clean-up of a former oil refinery and terminal site.

Wavefront President and CEO Brett Davidson commented, "Primawave is an accredited remediation technology having been awarded certification by Environment and Industry Canada. With previous positive outcomes related to Primawave at other locations employing a similar remedial program, Wavefront foresees repeatable results at the 80-acre New York State site. Management is confident that accelerated clean-up of this former refinery will lead to multiple Primawave deployment at United States based refineries where there exists 149 active and 152 former sites."

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.

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

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, 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 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. Wavefront expressly disclaims any obligation to up-date any "forward-looking statements", other than as required by law.

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