



www.onthewavefront.com

For Immediate Release

TSX-V: WEE

Pink Sheets: WEESF

WAVEFRONT ENERGY & ENVIRONMENTAL SERVICES INC.

SECOND EXECUTION OF PRIMAWAVE™ AT NEW JERSEY SITE

EDMONTON, Alta April 15, 2008/ Wavefront Energy and Environmental Services Inc. ("Wavefront"), a leader in technology development and implementation for improved oil recovery and optimized groundwater remediation is pleased to announce that a repeat client has successfully utilized Primawave at a contaminated site in New Jersey. At the site, multiple injection points were employed to place 2,200 gallons of an emulsified zero valent iron solution (nano-scale iron particle slurry) as well as 300 gallons of solubilized soybean oil. Both fluids are routinely used for the in-ground treatment of a variety of site contaminants.

Wavefront President and CEO Brett Davidson commented, "To return an aquifer to regulated water quality standards many contaminated sites are subjected to multiple injection events using a wide and varied range of treatment fluids. Primawave injects fluids into aquifers where other approaches fail and it is for this reason that companies facing the toughest clean-up challenges use the process. The repeated uses of Primawave by the environmental consulting firm overseeing the New Jersey site are a testament to the strength and reliability of the process."

Mr. Davidson further remarked, "The effectiveness of Primawave as an injection optimization process is the subject of two conference papers to be delivered by third party users at a major environmental remediation conference in Monterey, CA in May 2008. Having third parties present results validating the technique is notable and these papers will bring greater attention to Primawave in an extensive user community where expediting site clean-up is paramount. As we move forward Wavefront will be targeting large-scale, long-term Primawave projects such as those associated with clean-up efforts at oil refineries where water and surfactant floods are considered in the clean-up effort."

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.

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