

For Immediate Release
Attention Business/Energy Editors

TSX-V: WEE
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WAVEFRONT TECHNOLOGY SOLUTIONS INC.

**APPROVAL OF
SHAREHOLDER RIGHTS PLAN**

EDMONTON, Alta January 14, 2010/ Wavefront Technology Solutions Inc. ("Wavefront"), a world leader in providing innovative solutions for increasing oil field production and enhancing the treatment of contaminated groundwater, is pleased to announce that its board of directors have approved a shareholders rights plan agreement (the "Rights Plan") dated January 13, 2010. The Rights Plan is designed to ensure that all of Wavefront's shareholders are treated fairly in the event that a take-over bid is made for the common shares of Wavefront and that sufficient time and rights are available for Wavefront's board of directors and all shareholders to fully evaluate any offer and pursue options to maximize shareholder value. The rights issued to shareholders under the Rights Plan will entitle the holders thereof to acquire common shares of Wavefront at a 50% discount to market upon a person or group acquiring 20% or more of the common shares of Wavefront. However, the rights are not exercisable in the even of a "Permitted Bid." A Permitted Bid is a take-over bid made by way of circular to all shareholders, which remains open for at least 60 days and otherwise complies with the customary Permitted Bid requirements. These requirements are designed to ensure that Wavefront is in a position to effectively pursue options to any take-over bid for the common shares of Wavefront.

The rights will not be exercisable and will not trade separate and apart from the common shares at any time prior to a person or group acquiring, or announcing an intention to acquire (in a manner that does not constitute a Permitted Bid), 20% or more of the common shares of Wavefront.

The Rights Plan is effective immediately and has been conditionally approved by the TSX Venture Exchange, but is subject to confirmation by shareholders which is expected to occur at the next annual general and special meeting of shareholders to be held on February 16, 2010. The Rights Plan has not been adopted in response to, or in anticipation of, any specific effort to acquire control of Wavefront.

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ON BEHALF OF THE BOARD OF DIRECTORS

WAVEFRONT TECHNOLOGY SOLUTIONS 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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