

POWERWAVE CAN RECOVER BILLIONS OF ADDITIONAL BARRELS OF OIL

**INDEPENDENT ENGINEERING EVALUATION BY GAFFNEY-CLINE AND ASSOCIATES
VALIDATES FIELD PERFORMANCE**

EDMONTON, Alta July 31, 2012- Wavefront Technology Solutions Inc. (Wavefront or the Company, TSX-V: WEE; OTCQX: WFTSF) the global leader in fluid injection technologies for improved performance and profitability in the oil and gas and environmental sectors, is pleased to announce that an independent field performance review by Gaffney-Cline and Associates, a well respected international oil and gas consulting firm, has validated Powerwave results in certain Alberta and Saskatchewan projects.

Gaffney-Cline and Associates was contracted by Wavefront to evaluate the results of Wavefront’s Powerwave installations. The study included 5 fields comprising 58 Powerwave-driven water injector installations having a minimum 1 year injection history. The analysis was completed using the Canadian public database, geoScout, which reports an operator’s production and injection data. More specifically, the Gaffney-Cline analysis evaluated the production response at surrounding producers that comprised the well patterns supported by water injection utilizing Powerwave pulsing technology.

Increases in Estimated Ultimate Recovery (EUR) were evaluated on a well by well and pattern by pattern basis. EUR was evaluated with two main methods: log q (oil rate) vs. Q (cumulative oil) and log WOR (water-oil ratio) vs. Q decline analysis. The decline trend was estimated before and after the Powerwave installations, and the difference in EUR was quantified. The results summarized in the table below range from 0.7% to 7.4%. The EUR increase is witnessed by either an increase in oil rate, flattening of the oil decline, and/or a decrease in WOR (water oil ratio).

Field Location	Total Incremental Oil (m3)	Total Incremental Oil (bbls)	Average EUR Increase (%)
Alberta Project 1	57,100	359,148	7.42%
Alberta Project 2	20,750	130,514	1.21%
Saskatchewan Project 1	16,900	106,298	2.11%
Alberta Project 3	5,700	35,852	1.32%
Alberta Project 4	3,000	18,869	0.72%
TOTALS	103,450	650,681	2.56%

Further evaluation of the estimated EUR values calculated for the report will most likely be undertaken after an additional year or more of production has occurred under Powerwave water injection as oil rate decline trends may establish themselves more completely allowing for better estimation of EUR. In certain cases evaluated for the study EUR may be conservative as production trends remain flat or are increasing.

“Estimated Ultimate Recovery plays a critical role in driving investment decisions for operators and Powerwave’s performance has demonstrated it can increase EUR appreciably,” said Wavefront President and CEO Brett Davidson. “With a 2006 report by Advanced Resources International indicating 400 billion barrels of oil remain stranded throughout the United States¹ it’s clear that Powerwave can make a important contribution to increased oil recovery in a variety of applications.”

¹ Assessing Technical and Economic Recovery of Oil Resources in Residual Oil Zones, ARI, February 2006, www.adv-res.com/pdf/ROZ_Phase_II_Document.pdf

A BP report noted that a 1% improvement on its original hydrocarbons equates to 2 billion barrels of additional reserves. Worldwide, a 5% increase in oil recovery would yield an additional 300-600 billion barrels². “The EUR results we are presenting today are very noteworthy and we would expect Powerwave benefits to become larger as the fields are more fully networked,” said Davidson. “With reference to the BP report the 2.56% average EUR increase would equate to a more than 4 billion barrel improvement on BP’s original hydrocarbons. Wavefront has long maintained that Powerwave will positively affect the reservoir’s natural production decline rate, extend field life, and maximize ultimate oil recovery.”

ON BEHALF OF THE BOARD OF DIRECTORS

WAVEFRONT TECHNOLOGY SOLUTIONS INC.

“D. Brad Paterson” (signed)

D. Brad Paterson, CFO & Director

About Wavefront:

Wavefront is a technology based world leader in fluid injection technology for improved/enhanced oil recovery and groundwater restoration. Wavefront publicly trades on the TSX Venture Exchange under the symbol WEE and on the OTCQX under the symbol WFTSF. The Company's website is www.onthewavefront.com.

For further information please contact:

Brett Davidson, President and CEO or D. Brad Paterson, CFO at 780-486-2222 or write to us at investor.info@onthewavefront.com

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1. ² www.bp.com/liveassets/bp.../bpf19_20-27_thirdtrillion.pdf