



TMS Announces Joint Production Testing with Nestle Purina

Vancouver, British Columbia, Canada – December 2, 2015 – Targeted Microwave Solutions Inc. (CSE: TMS; OTCQX: TGTMF) ("**TMS**" or the "**Company**") is pleased to announce that Nestle-Purina issued today a commitment letter approving joint commercial production testing for montmorillonite clay at TMS's commercial demonstration plant in King William, Virginia (the "**TMS Plant**"). Montmorillonite clay is used by Nestle-Purina at its cat litter facility in King William, which is directly adjacent to the TMS Plant.

As part of the joint production testing, Nestle-Purina has committed to providing TMS with heavy equipment, testing material, engineering and technical support. Testing is currently scheduled to commence in or about the second week of this month.

The decision to conduct joint commercial tests follows several positive preliminary batch microwave tests of the clay in October and November of this year, at which time TMS hosted a delegation of Nestle-Purina engineers. Initial batch tests indicated rapid drying and physical alteration of the clay, which could offer significant energy savings and environmental benefits in the clay drying process. The primary objectives of the joint tests currently include: evaluating TMS throughput capabilities; plotting energy consumption and optimal drying ratios; typifying the extent and nature of physical alteration; and economic analysis of cost savings.

Chairman Dr. James Young remarked: "The U.S. cat litter market is in the billions of dollars, and TMS is very excited about the opportunity of our technology tapping in to this lucrative market. It was always the design of both parties that the TMS Plant be strategically placed next to Nestle-Purina's cat litter facility in King William, so that we could, when we were ready, explore the application of the TMS technology to the various minerals and raw aggregates that Nestle-Purina's processes, and in particular clay. We are thrilled that Nestle-Purina is committed to joint production testing of clay, and TMS is eager to take advantage of this high-profile opportunity."

On behalf of the Board of Directors,

"Dr. James Young"

Chairman of the Board of Directors

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FORWARD-LOOKING STATEMENTS

This news release contains certain statements which are, or may be deemed to be "forward-looking statements". Forward-looking statements are statements that address or discuss activities, events or developments that we expect or anticipate may occur in the future. Forward-looking statements consist of statements that are not purely historical and, in this news release, include, without limitation, statements regarding: the schedule to commence joint commercial testing at the TMS plant in the second week of December; the potential for significant energy savings and environmental benefits of clay treated with our technology; the opportunity for TMS to tap into the U.S. cat litter market; and the ability of our technology to revolutionize the thermal dryer industry. . When used in this news release, words such as "estimates", "expects", "plans", "anticipates", "projects", "will", "believes", "intends", "should", "could", "may" and other similar terminology are intended to identify such forward-looking statements. Forward-looking statements reflect the then-current expectations, beliefs, assumptions, estimates and forecasts of our management. Because forward-looking statements involve known and unknown risks, uncertainties, assumptions and other factors which are difficult to predict, our actual results, performance or achievements or the actual results or performance of the industries and markets in which we operate and intend to operate may be materially different from those anticipated in our forward-looking statements. Forward-looking statements involve significant uncertainties and risks, should not be read as a guarantee of future performance or results and will not necessarily be an accurate indication of whether or not such results will be achieved. A number of factors could cause actual results to differ materially from the results discussed in our forward-looking statements, including the matters described in our public filings available on SEDAR at www.sedar.com. Accordingly, readers should exercise caution in relying upon our forward-looking statements and we undertake no obligation to publicly revise such statements to reflect subsequent events or circumstances, except as required by law.

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