

ME₂C® Environmental Completes Initial Testing of its Rare Earth Element Technology

The Company to Continue with Testing of its Emerging Technology in REE Extraction & Processing to Provide a Path Forward to In-Field Tests

CORSICANA, TX, Sept. 15, 2021 (GLOBE NEWSWIRE) -- Midwest Energy Emissions Corp. (OTCQB: MEEC) ("ME₂C Environmental" or the "Company"), a leading environmental technologies firm, announced today that Pennsylvania State University's College of Earth and Mineral Sciences has completed the initial round of testing to evaluate the Company's new Rare Earth Element (REE) Technology.

The Company previously announced in June 2021 that Penn State had been retained to evaluate the Company's Rare Earth Element (REE) Technology's capture capacity and regeneration potential under certain conditions, which the Company suggested had yielded exciting results thus far.

"The initial results received by Penn State's College of Earth and Mineral Sciences will lead to the further testing and development of this emerging technology focused on rare earth capture, as well as the cleanup of coal ash ponds and wastewater from coal-fired power plants," stated Richard MacPherson, CEO of ME₂C Environmental. "We expect to have Penn State continue with the evaluation of the technology's extraction capacity of certain rare earth elements as well as its regeneration potential and other factors necessary to move forward with pilot scale testing. The careful vetting of this technology was thoughtfully planned as we began down this path nearly two years ago in collaboration with Dr. Scott Drummond. We believe that the cleanup of coal ash ponds and runoff heavily contaminated with coal refuse is the leading environmental concern facing the U.S. and the energy sector today and we are hopeful to bring a cost-effective, environmentally sound solution to market as we move into early 2022."

Continued MacPherson, "With confirmation of our technology's ability to capture certain rare earth elements, we will continue to evaluate the commercial viability, including the ability to effectively reuse this sorbent. As we have previously announced, we expect to be able to move forward with in-field, pilot-scale testing later this year. The commercialization of this new technology will not only be very significant for the utility industry, as well as to environmental leaders, such as Michael Regan, Director of the EPA, who is actively working to impose stricter regulations for coal ash and wastewater, but to the growth and future path of our Company," concluded MacPherson.

About ME₂C® Environmental

ME₂C Environmental (OTCQB: MEEC) is a leading environmental technologies company developing and delivering patented and proprietary solutions to the global power industry.

ME₂C's leading-edge services have been shown to achieve emissions removal at a significantly lower cost and with less operational impact than currently used methods, while maintaining and/or increasing power plant output and preserving the marketability of byproducts for beneficial use. ME₂C Environmental is a trade name of Midwest Energy Emissions Corp. For more information, please visit <http://www.me2cenvironmental.com/>.

Safe Harbor Statement

With the exception of historical information contained in this press release, content herein may contain "forward-looking statements" that are made pursuant to the Safe Harbor Provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are generally identified by using words such as "anticipate," "believe," "plan," "expect," "intend," "will," and similar expressions, but these words are not the exclusive means of identifying forward-looking statements. These statements are based on management's current expectations and are subject to uncertainty and changes in circumstances. Investors are cautioned that forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from the statements made. Matters that may cause actual results to differ materially from those in the forward-looking statements include, among other factors, the gain or loss of a major customer, change in environmental regulations, disruption in supply of materials, capacity factor fluctuations of power plant operations and power demands, a significant change in general economic conditions in any of the regions where our customer utilities might experience significant changes in electric demand, a significant disruption in the supply of coal to our customer units, the loss of key management personnel, availability of capital and any major litigation regarding ME₂C Environmental. In addition, this release contains time-sensitive information that reflects management's best analysis only as of the date of this release. ME₂C Environmental does not undertake any obligation to publicly update or revise any forward-looking statements to reflect future events, information or circumstances that arise after the date of this release. Further information concerning issues that could materially affect financial performance related to forward-looking statements contained in this release can be found in ME₂C Environmental's periodic filings with the Securities and Exchange Commission.

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