



PRESS RELEASE

CNSX: BAC

BACTECH HIRES TETRA TECH FOR SNOW LAKE, MANITOBA PROJECT

Toronto, Canada, January 17, 2013 - BacTech Environmental Corporation ("BacTech" or the "Company", CNSX: BAC, OTC PINK: BCCEF, WKN: A1H4TY) today announced a further advancement on the Company's Snow Lake, Manitoba arsenic reclamation project.

BacTech has engaged the services of Tetra Tech to provide Front End Engineering Design ("FEED") for the bioleach plant that is scheduled to commence construction in Q2 of 2013. Tetra Tech has extensive engineering and design knowledge with regards to the bioleach process and will be responsible for the process overview, equipment review and specifications, and other associated process details.

Work will commence immediately and is scheduled to be completed before the end of March 2013. The results of the FEED package will be the basis for the detailed design engineering phase of the Snow Lake plant that will include civil, mechanical, electrical, and process automation.

"This is a major step forward in our commitment to the remediation of the Arsenopyrite Residue Stockpile and subsequent gold production in Snow Lake. We are very pleased that Tetra Tech will be working in conjunction with our in-house technical team on this phase of the project," said David Salari, P.Eng., COO of BacTech.

On a sad note, the Company reports that Dr. Junxiang Guo, BacTech's Vice President of Metallurgy, passed away on January 12th after a short illness. "Dr. Guo was a team player and a positive influence in the office. We will miss his contribution to the organization, as well as his friendship," commented Ross Orr, President and CEO of BacTech.

BacTech profile

BacTech Environmental Corporation holds the perpetual, exclusive, royalty-free rights to use the patented BACOX bioleaching technology for the reclamation of tailings and mining waste materials. In December 2011, BacTech signed a contract with the Mines Branch of the Manitoba Department of Innovation, Energy and Mines to remediate an Arsenopyrite Residue Stockpile ("ARS") situated at the Snow Lake Mine in Snow Lake, Manitoba, to eliminate further leaching of arsenic generated within the ARS into the surrounding watershed. The Company continues to field enquiries globally with respect to additional opportunities for remediation.

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Special Note Regarding Forward-Looking Statements

This news release contains "forward-looking information", which may include, but is not limited to, statements with respect to the future capital investments, transactions projects or operations of the Company and its projects. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or believes" or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Forward-looking statements contained herein are made as of the date of this news release and the Company disclaims, other than as required by law, any obligation to update any forward-looking statements whether as a result of new information, results, future events, circumstances, or if management's estimates or opinions should change, or otherwise. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, the reader is cautioned not to place undue reliance on forward-looking statements.

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Shares outstanding 48,755,027

The Canadian National Stock Exchange (CNSX) has not reviewed and does not accept responsibility for the adequacy or the accuracy of the contents of this release.