



PRESS RELEASE

CNSX: BAC

BACTECH HIRES C.O.O. FOR SNOW LAKE AND MEXICO

Toronto, Canada, August 16, 2011 - BacTech Environmental Corporation ("BacTech" or the "Company", CNSX: BAC) today announced that it has appointed Mr. David Salari, P.Eng., as Chief Operating Officer to oversee the Company's Snow Lake and Chihuahua, Mexico projects.

Mr. Salari is a metallurgical engineer with over 30 years' experience in the mining and metallurgical industry. David is currently the President and CEO of DENM Ltd. since its inception in 2004, an engineering company that specializes in project management, construction management, and commissioning of small to medium scale mining projects. Recent D.E.N.M. projects have taken David across Canada, the USA, Mexico, Brazil, Argentina and Venezuela. David is a member of the Professional Engineers Association of Ontario and Nova Scotia and meets the requirements as a "QP" (qualified person) as set out in the National Instrument 43-101 based on education, experience, independence, and affiliation with a professional association.

"I have known Dave for several years and I believe he has the perfect experience and skill set to build the types of plants that we envision for Manitoba and Mexico," said Ross Orr, President and CEO of BacTech.

Project Update

BacTech is awaiting the completion of the NI-43-101 report for the arsenopyrite stockpile in Snow Lake, Manitoba which is anticipated to be received in the next month. In addition, the bioleach test work continues at Inspectorate Labs in Vancouver and is expected to be completed this fall.

In Chihuahua, Mexico, Teamwork S.A., BacTech's partner in the Avalos smelter project, continues to investigate the optimal flotation process to produce a high-grade zinc concentrate from the tailings. BacTech and Teamwork hope to derive early cash flows from 1 million tonnes of tailings by producing a smelter-grade zinc concentrate. It is envisioned that this cash flow from such a project would be used to build the bioleach plant near Chihuahua.

In addition to the Snow Lake and Chihuahua projects, BacTech has initiated test work on three additional projects. Should the test work prove positive on any of these projects the Company will move to structure additional joint ventures.

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BacTech Environmental profile

BacTech Environmental holds the exclusive, perpetual and royalty free rights to use the patented BACOX bioleaching technology for reclamation of tailings and mining waste materials. At present BacTech is investigating the use of the technology at historic tailing sites in Snow Lake, Manitoba and Chihuahua, Mexico.

For further information contact:

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Shares outstanding 37978,361

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.