

FORM 51-102F3
MATERIAL CHANGE REPORT

Item 1. Name and Address of Company

BacTech Environmental Corporation
20 Eglinton Avenue West Suite 1820
Toronto, Ontario

Item 2. Date of Material Change

September 9, 2019

Item 3. News Releases

A press release in the form of Schedule A attached hereto was disseminated on September 9, 2019 via *TheNewswire.ca* a news service.

Item 4. Summary of Material Change

BacTech Environmental Corporation (“BacTech” or the “Company”) (CSE:BAC, OTC-BCCEF) today announced that it will not proceed with the reclamation of the Telamayu tailings project in Bolivia. After completing metallurgical test work on the project and evaluating the economics of the project it was decided that the project would be too difficult to finance. It was estimated that the project would cost up to \$US 9M.

Item 5. Full Description of Material Change

5.1 Full Description of Material Change

See Schedule A attached hereto.

5.2 Disclosure for Restructuring Transactions

Not applicable.

Item 6. Reliance on subsection 7.1(2) of National Instrument 51-102

Not applicable.

Item 7. Omitted Information

Not applicable.

Item 8. Executive Officer

The following officer of the Company may be contacted for further information:

Ross Orr
President & CEO
Tele: 416-813-0303 x 222

Item 9.

Date of Report

This report is dated this 20 day of September, 2019.

Schedule A

BacTech Environmental Ends Participation in Telamayu Project

Toronto, Canada
September 9, 2019

BacTech Environmental Corporation (“BacTech” or the “Company”) (CSE:BAC, OTC-BCCEF) today announced that it will not proceed with the reclamation of the Telamayu tailings project in Bolivia. After completing metallurgical test work on the project and evaluating the economics of the project it was decided that the project would be too difficult to finance. It was estimated that the project would cost up to \$US 9M.

The inability to recover tin into a suitable concentrate severely hampered the economics of the project. Given the fact the value of the tin made up roughly 50% of the value of the contained metal in the tailings financing the project was deemed to be too difficult.

BacTech will continue to pursue arsenopyrite opportunities in Ecuador and other Andean countries that allow for the use of the Company’s proprietary bioleach technology. Bioleaching produces a stable form of arsenic, ferric arsenate, as a by-product of the bioleach process. Since the beginning of 2019 the Company has visited the Ponce Enriquez area of southern Ecuador to meet with small mine producers of arsenopyrite. BacTech hopes to establish a bioleach processing facility that would offer an alternative to the small miners who presently sell concentrates to Asia at reduced prices due to high arsenic levels.

Company Overview

BacTech is investigating the use of its proprietary bioleach processing technology to treat historic arsenic tailings and arsenopyrite concentrates produced in the Ponce Enriquez area of Southern Ecuador.

BacTech has recently agreed to participate with a group looking to reprocess the Arsenic Stockpile in Snow Lake, Manitoba.

For further information contact: Ross Orr, President & CEO, BacTech Environmental Corporation/ 416-813-0303 ext. 222, Cell 416-346-5529 and

Email: borr@bactechgreen.com

Robin Cook, Investor Relations: 416-809-1738, Email: robin@frontiermcg.com

Follow us on:

Facebook <http://www.facebook.com/BacTechGreen>

Twitter: <http://twitter.com/BacTechGreen>

LinkedIn <http://www.linkedin.com/company/1613873>

Vimeo <http://vimeo.com/bactechgreen>

YouTube <http://www.youtube.com/user/bactechgreen>

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 future tailings sites, sampling or other investigations of tailing sites, the Company’s ability to make use of infrastructure around tailings sites or operating performance of the Company and its projects. Often, but not always, forward-looking statements can be identified using 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 because 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.

Shares outstanding: 101,153,756

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