

Company Overview

Lower Life Cycle Costs for Water Treatment

BioteQ Environmental Technologies (TSX: BQE) is a water treatment company that applies innovative technologies and operating expertise to solve challenging water treatment problems in the resource and power generation industries. BioteQ treats wastewater contaminated with dissolved heavy metals and sulphate, converting waste into a useful resource while delivering lower life cycle costs for water treatment.

BioteQ's portfolio of technologies include the BioSulphide® and ChemSulphide® processes for selective metal recovery, and the Sulf-IX™ processes for sulphate removal. These proven technologies help customers to:

- Reduce the environmental liability associated with metal and sulphate contaminated water
- Eliminate the production of waste sludge
- Produce water that meets strict water quality criteria for re-use or safe discharge to the environment
- Generate revenue from recovered metals and value-added products
- Save money with lower life cycle costs for water treatment

BioteQ treats wastewater contaminated from industrial, resource, and power generation activities. The outputs of BioteQ's unique processes are by-products that can be sold to offset the cost of water treatment, and clean water that meets strict water quality criteria, with metal removal in excess of 99%. Metals that can be removed include copper, nickel, zinc, cobalt, arsenic, antimony, lead, cadmium, manganese, selenium, iron, and aluminum.

BioteQ provides a full range of water treatment technology and operating services tailored to suit customer needs, including process design, plant supply and construction, commissioning, operator training, and ongoing operations management. By working with a proven operator, BioteQ's customers reduce the risk of new technology implementation, and access specialized water treatment expertise.

The world's leading mining companies, utility operators and regulators work with BioteQ, including Xstrata, Aditya Birla, Jiangxi Copper, Breakwater, and the US Environmental Protection Agency. The company has built eight commercial water treatment plants with treatment capacity of up to 1,000 m³/hr at sites in Canada, the US, Australia, China, and Mexico.

BioteQ's sites are operated to ISO 14001 standards for environmental compliance, and the company provides a process guarantee. In 2008, BioteQ's plants operated at 98% availability, removed close to 3 million pounds of metal contaminants from the environment, and treated 9.4 billion litres of water, meeting strict quality standards for water discharge or reuse and delivering reliable and consistent operating results.

BioteQ has been named to the Top 50 Most Socially Responsible Corporations in Canada by Jantzi/Macleans, and the company's sustainable water treatment solutions have been recognized with the Globe Award for Environmental Excellence, the PDAC Award for Environmental and Social Responsibility, the China Mining Environmental Protection Award, and the Mines & Money Sustainable Development Award.



2009 Top 50 Most Socially Responsible Corporations in Canada



2009 Environmental and Social Responsibility Award



2008 Environmental Protection Award



2008 Globe Award for Environmental Excellence



2008 New Exporter Award

2008 Mines & Money Sustainable Development Award