



Case History Environmental Assessment

**SPERLING
HANSEN
ASSOCIATES**

Highland Valley Centre for Sustainable Waste Management

- *Based on successful development of the the Gibraltar Landfill, SHA developed the vision to establish a major new landfill for southwest B.C. at the Highland Valley Copper Mine Site.*
- *SHA was then retained by Teck Cominco to develop a detailed design and obtain approval for the project from the Environmental Assessment office.*
- *Working closely with HVC enviromental staff, SHA assembled a multi-disciplinary team to complete the assignment.*
- *A design was developed for a state-of-the-art bioreactor landfill capable of receiving 600,000 tonnes of waste. An innovative solution was also developed to operate the truck fleet on renewable landfill gas.*
- *The project was awarded an EA approval by Barry Penner, Minister of Environment in November, 2008.*

Highland Valley Copper: Mark Freberg (250)523-3200
Project Budget: \$550,000



SPERLING HANSEN ASSOCIATES

8 – 1225 East Keith Road, North Vancouver, B.C.
Phone (604) 986-7723 Fax (604) 986-7734
E-Mail: sperling@sperlinghansen.com

- **Landfill Siting**
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- **Hydrogeological Investigations**
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