



# Case History WASTE MANAGEMENT STUDY

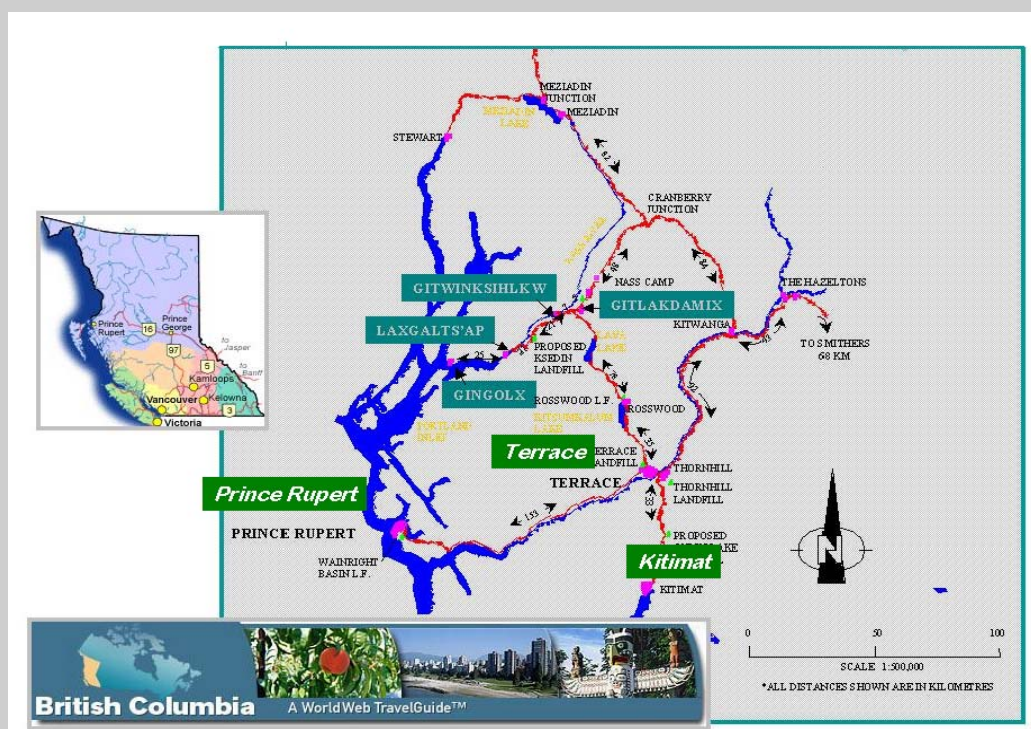
**SPERLING  
HANSEN  
ASSOCIATES**

## Economic Assessment of Landfill Options

*At the time the report was prepared, there were four landfills servicing Prince Rupert, Terrace, Thornhill and Kitimat. The study looked at the most cost effective way of servicing all of these communities, including a brand new super landfill in Onion Lake.*

- *Having prepared the Design and Operations Plans for most of the existing sites, the economic analysis included detailed infrastructure, operating, closure and post closure costs for each of the landfills, and hauling costs from each of the communities to the respective landfill.*
- *To provide accurate total costs for each community (and ensure one community was not subsidizing the costs of another community), landfill costs were distributed between applicable communities based on tonnage ratios while hauling costs were calculated for each respective community.*

**City of Prince Rupert Contact: Gordon Cox (250) 627-0906**  
**Project Budget: \$10,000**



**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](mailto:sperling@sperlinghansen.com)**

- **Landfill Siting**
- **Landfill Closure**
- **Hydrogeological Investigations**
- **Environmental Monitoring**
- **Design and Operations Plans**