



Case History LANDFILL FIRE

SPERLING
HANSEN
ASSOCIATES

Delta Shake and Shingle DLC Landfill Fire Extinguishment

- *SHA was retained by the Delta Fire Department to develop and implement a fire extinguishment plan for the DSS landfill.*
- *The fire involved 170,000 m³ of wood waste and roofing material.*
- *The fire was extinguished by establishing fire guard trenches, digging up the burning product and hauling it to lined cool down areas where it was soaked with water and class A foam.*
- *Potential failure of a major B.C. Gas pipeline presented an additional geotechnical challenge on this project.*

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