



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.***

***Delta Fire Department Contact: Randall Wolsey (604) 946-8541
Project Budget \$350,000.***



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