



## Case History LANDFILL FIRE

**SPERLING  
HANSEN  
ASSOCIATES**

### ***Vancouver Landfill Fire Monitoring Program***

- *SHA was retained by the City of Vancouver to extinguish a fire at the demolition area of Vancouver Landfill.*
- *The fire involved a 91,000 m<sup>2</sup> area of demolition waste.*
- *SHA installed 36 probes across the demolition area to monitor landfill gas emission.*
- *The fire was extinguished by capping side slopes to suffocate burning waste, and using an irrigation sprinkler system and high capacity dump trucks to douse the waste with water.*

***City of Vancouver contact: Paul Henderson (604) 946-8049  
Project Budget \$10,000.***



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