



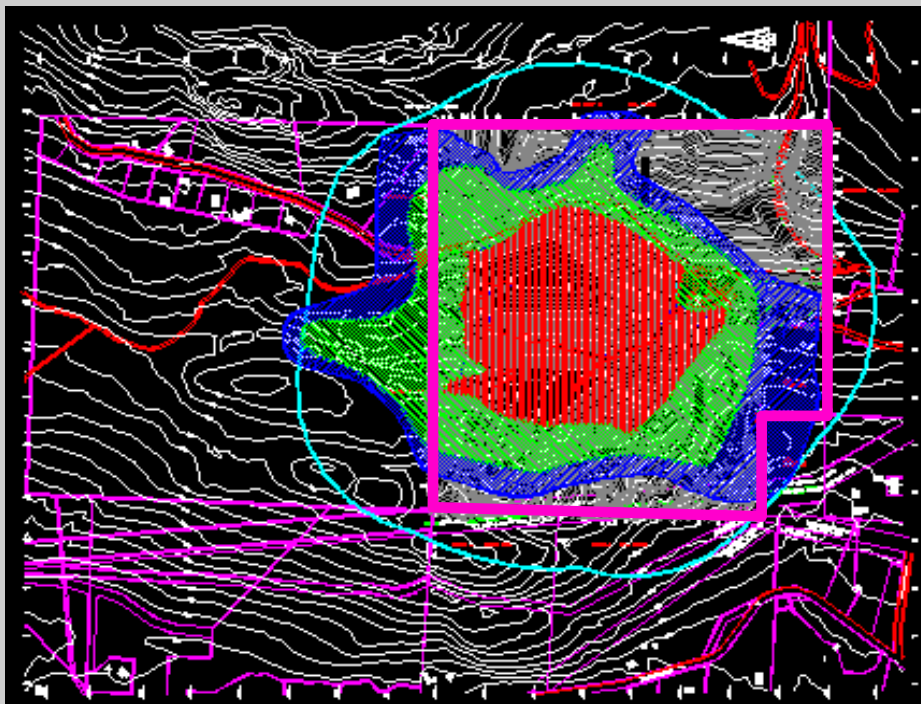
Case History LANDFILL GAS MANAGEMENT

**SPERLING
HANSEN
ASSOCIATES**

300 Metre Buffer Zone Assessment - Campbell Mountain Landfill, Regional District of Okanagan Similkameen

- *Assessment performed to establish if the 300 m buffer could be safely reduced with no significant impacts on the environment or surrounding properties.*
- *Examined landfill gas hazards, groundwater quality, blowing litter, odour, noise, dust and visual impact criteria during the assessment.*
- *300 m buffer zone divided into three nuisance categories - Significant, Occasion and No Impact*
- *300 m buffer divided into four categories with regard to development - No Residential, Conditional (requires monitoring), Mandatory monitoring, and No Groundwater Use*

RDOS Contact: David Duckworth, P.Eng. (250) 490-4142



very high risk



*high risk
<60 days*



*potential risk
<120 days*



*minimal risk
>120 days*



SPERLING HANSEN ASSOCIATES

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- Landfill Siting
- Landfill Closure
- Hydrogeological Investigation
- Environmental Monitoring
- Design and Operations Plans