

Case 1: Dawson Creek, Canada



This location was an automotive repair operation in Dawson Creek, British Columbia. The fluid containment sump had historically failed and the soils below the building were impacted with lubricating oil. Remediation was completed without disturbing buried sanitary and natural gas pipelines in the area and the site remained operational throughout the process.

Solution:

- In situ bioremediation was implemented using a combination of electrokinetics, biosurfactants, and hydrocarbon degrading bacteria and fungi. **EKOGRID™** was used for transport under the building at the site.



Results:

Table 1. Aspol Motors Results After 15 Days of Treatment

Parameter	Applicable Standard	BH1 (Before)	Confirmatory 1 (After)	Confirmatory 2 (After)	Confirmatory 3 (After)
LEPH (C10-C19)	2000 mg/kg	820 mg/kg	42 mg/kg	<20 mg/kg	36 mg/kg
HEPH (C19-C32)	5000 mg/kg	25400 mg/kg	1020 mg/kg	158 mg/kg	788 mg/kg

