



**Ecocare Sweden AB**

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### **Eskilstuna Kommun – Teknologen**

EcoCare Sweden AB took part in an in-situ sanitation project underneath a school facility, owned by Eskilstuna Kommun.

The building itself had, before being re-built to a school, been a large scale laundry facility.

Contamination in the ground from chlorinated hydrocarbons, TCE (tri-chlorine-ethylene) had been established, and a clean-up process was compulsory for continued schooling activities.

The project was initially based on a ventilation process. During a remediation process, toxic residue products in the form of gas, such as vinyl chloride are produced. Thus, these gas-formations are evacuated by vacuum and eliminated by a catalyst.

The ventilation process itself did not take down the pollution to acceptable levels, and EcoCare did in a final phase of the project infiltrate nutrient and special bacteria structures for chlorinated substances in order to safeguard a speedy and efficient final remediation process.

Within a three week period after this efforts, the TCE-level had been reduced from 3mg/kg to non detectable levels, and the schooling activities could start as planned.

