

## CONTAMINATED SITES



### Typical Activities

- Environmental Site Assessment (ESA) Phases I-II-III with respect to applicable standards, policies and technical guidelines.
- Analysis of toxicological/eco-toxicological risks and assessment of groundwater impacts towards the on-site management of contaminants.
- Certification of characterization studies and remediation works undertaken under Section IV.2.1 of the *Environment Quality Act* and *Land Protection and Rehabilitation Regulation*.
- Identification and assessment of applicable remedial options (comparative analysis of advantages, inconveniences, constraints, costs, time frame, etc.).
- Preparation of environmental remediation plans and specifications, Climatsol subvention request, work supervision and preparation of remediation reports.
- Undertaking of remediation projects on a turn-key basis.

### Examples of Relevant Projects \*1

- Plans & specification and supervision of remediation works (20-million \$ value) of a former incineration waste disposal site and a former coal processing plant for a major residential development project on the Plateau Mont-Royal in Montreal, Quebec.
- Characterization and remediation of an industrial site (manufacturing sector), including the design, implementation and operation monitoring of an *in situ* bio-treatment systems for heavy hydrocarbons.
- Risk analysis of a former chemical manufacturing plant in Shawinigan, a former railway complex and a metal transformation plant in Montreal, Quebec.
- Environmental follow-up of a contaminated soil piles bio-treatment project for heavy petroleum products in Ville St-Pierre, Quebec.
- Environmental characterization and remediation of former lighthouse sites on Anticosti Island and in the Gaspésie Area.
- Additional environmental and geotechnical characterization, risk analysis, risk-based environmental remediation plan, plans, specifications and follow-up of demolition works, supervision of remediation works towards the implementation of a railway maintenance center in Montreal, Quebec.

\*1 *References from clients and specific project descriptions available upon request.*



**Hudon Desbiens St-Germain  
Environnement inc.**

640 Saint-Paul Street West, Suite 100  
Montreal, Quebec H3C 1L9

Tel.: (514) 398-0553  
Fax: (514) 398-0554  
[info@hdsenv.com](mailto:info@hdsenv.com)  
[www.hdsenv.com](http://www.hdsenv.com)