

## ENVIRONNEMENTAL EMISSIONS



### Typical Activities

- Assessment of the quality of the wastewater discharges and the air emissions from industrial sources.
- Modeling of the transport and attenuation of contaminants (water-air-soil) for the purpose of risk analysis or the assessment of the compliance to environmental standards.
- Design and optimization of industrial wastewater treatment systems.

### Examples of Relevant Projects <sup>\*1</sup>

- Characterization of wastewater discharges and air emissions, including contamination dispersion modeling, for numerous industry fields in Quebec, including mining, metal transformation, chemical products and hazardous materials and wastes management.
- Assessment and optimization of wastewater treatment systems in various manufacturing plants in Quebec.
- Inventory of fixed sources (boilers, generator, sandblasting shops, paint shops, welding shops, etc.) and mobile sources (cars, trucks, mobile generators, etc.) of air emissions, including an estimation of contamination discharges (volatile organic compounds, nitrous and sulphurous, etc.) to determine compliance to potentially applicable discharge standards and of carbon emissions in some 40 military installations in Eastern 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)