

Hervé Durand

Hydrogeological Engineer



Profile

70 years old
Seniority : 22 years,
associate
English

Environmental protection

Waste – Pollution

Asbestos

**Drilling/capture of water
resources**

Soil mechanics

Industrial risk analysis

Underground works

Education

Geological Engineering Degree

University of Montreal

Master's Degree in Geology

Paris VI University

Professional background

Cabinet GBA

Experts for Insurance companies

Civil liability expert – Environmental Department Manager

GRS Valtech

Pollution Remediation

Pollution remediation manager

Burgeap

Engineering in hydrogeology and environment

Industry Department Director

CEBTP

Research Engineer

Géoconsult

Geophysics in civil engineering mining research and water resources

Geophysicist project manager

Hervé Durand

Hydrogeological Engineer

Key areas of expertise

Environment – Pollution

- Soil, water and groundwater pollution by hydrocarbons, solvents, heavy metals
- Rivers, lakes and ponds pollution with wildlife impact, damage to fish stocks assessment
- Transformer leaks and explosions with PCB spillage
- Pollution from tanks, ducts and pipelines puncture in oil storage depots or petroleum stations
- Overturned trucks with fuel or chemicals spillage
- Pollution linked to waste disposal centre operations
- Pollution from waste water treatment plants
- Legacy pollution linked to former industrial activities
- Pollution through storage basin membrane puncture
- Litigation stemming from regulations governing management of polluted sites and soils
- Impairment of drinking water supply and capture (pollutants, legionella, etc.)
- Damage through gaseous discharge
- Litigation stemming from asbestos diagnostics
- Demolition of buildings containing undiagnosed asbestos

Capture – Drilling

- Poor execution or malfunctions of water wells
- Subsidence due to water wells
- Faulty assessment of water resources

Géotechnical Sciences – Foundations – Civil Engineering

- Seepage into underground structures, sinkhole phenomena on former quarries in gypsum dissolution zones
- Bank sliding
- Embankment instability
- Buckling of slabs on backfills

Industrial Processes

- Coke ovens design flaws
- Design flaws in paint coating units for cast-iron pipes

Plumbing – Corrosion

- Corrosion of sanitary hot water and heating systems.
- Shower trays corrosion on ships
- Corrosion in fuel storage tanks