



LANDTEK LIMITED

Consulting Engineers

205 Nebo Road, Unit 3
Hamilton, Ontario
Canada
L8W 2E1

Phone: 905-383-3733
Fax: 905-383-8433
e-mail: engineering@landteklimited.com
www.landteklimited.com

Landtek Limited is a privately owned company providing services in the fields of civil, geotechnical and environmental engineering, materials testing and municipal construction. Our experience, capabilities and strategic location with respect to the Golden Horseshoe area, are a definite asset in providing engineering and testing services.

Landtek Limited is registered as a consulting engineering firm in the Province of Ontario. The concrete laboratory is certified by the Canadian Standards Association (CSA) and the firm has technicians certified by CSA for field testing of concrete. Our staff levels are maintained at a sufficient level to accommodate on-going client requirements in peak construction periods.

Landtek's soils and aggregate laboratory is certified by the Canadian Council of Independent Laboratories (CCIL) and the firm participates in the MTO annual soil and aggregate proficiency program. The asphalt laboratory is CCIL certified for mix design work and quality control testing of hot mix asphalt.

Summary of Services Provided

Geotechnical Engineering & Testing

- Geotechnical Studies for Site Development & Building Design & Construction
- Evaluation of Foundation Design Requirements
- Slope Stability Analysis
- Construction Quality Assurance/Control Testing & Inspection
- Aggregate Testing
- Soil Analysis & Engineering for Septic Leaching Beds
- Pipe Corrosion Studies & Soil Analysis
- Assessment of Soil Erosion Control Measures
- Analysis of Building Foundation Performance Problems & Expert Witness Services

Pavement Engineering

- Pavement Structure Design & Life Cycle Costing
- Pavement Condition Surveys, Performance Evaluation, & Rehabilitation Planning
- Tender Preparation & Call for Bids
- Contract Management of Pavement Rehabilitation
- Marshall & Superpave Asphalt Mix Designs & Quality Assurance Testing
- Failure Analysis and Expert Witness Services
- Development of New Materials/Technologies

Environmental Engineering

- Environmental Site Assessments (Phase 1, 2, & 3)
- Site Remediation, Decommissioning, & Preparation of Record of Site Condition Documents
- Development of Soil Management Plans
- Development of Site Specific Risk Assessments
- Well Water Sampling & Water Quality Analysis
- Design of Groundwater Cut-off Systems (soil-bentonite liners, slurry walls)
- Assessment of Excavated Soils for Reuse
- Development of Waste Stabilization Techniques for Disposal
- Emergency Response Services to Address Drinking Water Problems

Building Sciences

- Roofing & Waterproofing Inspection
- Structural Steel and Welding Inspection
- Roof Condition Surveys
- Building Envelope Investigations
- Forensic Investigations
- Failure Analyses of Waterproofing and Deck Paving Systems
- Roof Maintenance Planning
- Reserve Fund Studies
- Remedial Design
- Tendering and Contract Administration
- Vibration and Blast Monitoring
- Air Quality Testing/Analysis