

# KING EPCM

**Flexible. Dependable. On-site Engineering.**

NATURAL HERITAGE · CIVIL & MUNICIPAL SERVICES · CHEMICAL ENVIRONMENTAL  
GEOTECHNICAL & HYDROGEOLOGY · FIELD INVESTIGATION & QA/QC  
PROJECT MANAGEMENT & CONSULTING · AGGREGATE & MINING

## Integrated Engineering Services

*One accountable partner. Fast, multi-discipline civil engineering.*



### WHO WE ARE

King EPCM is a licensed Ontario engineering firm (PEO) delivering medium-sized, multi-disciplinary civil projects across Southern Ontario. Founded in 2019 and growing at over 40% year-over-year, we serve as your single accountable lead—coordinating disciplines, interfacing with authorities, and managing deliverables end-to-end. Our promise is simple: earn trust, and be relentlessly useful through fast, balanced, high-utility engineering.

We investigate, design, and deliver across all our service categories under one roof—reducing handoffs, accelerating approvals, and minimizing rework. Every deliverable is peer-reviewed and stamped by a Professional Engineer.

*Seven service categories · Southern Ontario · PEO-stamped deliverables*

01

## Project Management & Consulting

*End-to-end coordination, permitting, and advisory services that keep your project moving and your stakeholders aligned.*

- Project Management & Routine Reports
- General Commitment for Review
- Pre-application Consultation (Pre-con)
- Permit & Application General · Conservation Authority · Severance Consent · Site Alteration
- Planning Justification Report
- Zoning Review & Bylaw Amendment
- Reliance Letter
- Noise Study
- Traffic Impact Study & Traffic Management Plan
- Private Locates
- Archeological Site Assessment (sub-contracted)

02

## Natural Heritage Environmental

*Ecological evaluations, arborist reporting, and agricultural/heritage conformity studies to satisfy Conservation Authority and provincial requirements.*

- Natural Heritage Evaluation (NHE) / Environmental Impact Study (EIS)
- Tree Inventory / Arborist Report Urban Environment · Rural Environment
- Tree Protection Plan (TPP)
- Tree Restoration / Tree Planting Plan
- Minimum Distance of Separation (MDS) - OMAFRA
- Nutrient Management Plan - OMAFRA
- Oak Ridges Moraine Conformity Statement
- Boating Capacity Study

03

## Chemical Environmental

*Contamination assessment, remediation planning, and excess-soil compliance under O.Reg 153/04 and O.Reg 406/19.*

- ESA Phase I Report O.Reg 153/04 · CSA Z768-01
- ESA Phase II Report O.Reg 153/04 · CSA Z769-00
- Site Screening Questionnaire (SSQ)
- Record of Site Condition (RSC)
- Chemical Sampling Soil · Groundwater · Sewer Water · Gas · Leachate
- Remediation Action Plan (RAP)
- Contamination Management Plan
- Soil Vapour Intrusion Assessment
- Excess Soil Management Plan
- Fill Management Plan & Permitting
- O.Reg 406/19 Excess Soil QP Services
- O.Reg 406/19 RPR Database Registration
- Designated Substance Survey (DSS) Report & Lab Sampling
- Odour Impact Study

04

## Civil & Municipal Services

*Grading, servicing, stormwater, and site-development engineering — from conceptual layouts to Issued-For-Construction drawings.*

- Site Plan & Conceptual Site Plan Layout
- Site Grading Plan Grading only · Grading & Servicing · Culvert Design
- Site Servicing Plan
- Site Topographic Plan
- Cut & Fill Plan
- Detailed Drawings - Issued For Construction (IFC)
- Stormwater Management (SWM) Brief · Full Report
- Functional Servicing Report (FSR)
- Erosion & Sediment Control (ESC) Plan
- Construction Management Plan
- Septic Design Residential · Industrial & Commercial
- MECP ECA Application Storm Discharge · Sanitary Discharge
- Sanitary Sewer Capacity Assessment
- Water System Analysis & Firefighting Water Reservoir Calc

- Low Intensity Development (LID) Design Structure
- Natural Channel Design & Private Pond Design
- Flood Hazard Assessment Stage 1 Initial · Stage 2 Detailed Modelling
- Fluvial Geomorphology Analysis Stage 1 Rapid · Stage 2 Full Detailed
- Lake Trophic State Capacity Study
- Phosphorus Budget
- Salt Management Plan
- Emergency Management Plan (EMP)
- Operations & Maintenance Plan
- Offsite Drainage Review
- Lot Grading Certificate
- Parking Details
- Public & Private Utilities Plans
- Cost Estimate
- Engineering Report & Site Evaluation Report (SER)
- Sub-division Lot Layout - Cost/Benefit Maximization Study

## 05

### Geotechnical & Hydrogeology

*Subsurface investigation, foundation and retaining-wall design, dewatering, and groundwater studies grounded in field data.*

- Geotechnical Report
- Geotechnical Mini-Investigation (testpits / boreholes)
- Geotechnical Inspections - Bearing Capacity
- Geotechnical Slope Stability Report
- Detailed Road & Driveway Geotech Design
- Foundation Review
- Caisson Pile Detailed Analysis
- Settlement Estimation & Computer Modelling
- Retaining Wall Design Residential Temporary · Residential Permanent · Commercial / Industrial Temporary · Commercial / Industrial Permanent
- Hydrogeology Report Investigation · Dewatering Plan · Private Wells Supply MECP D-5-5 · Septic Influence MECP D-5-4
- Water Balance Analysis
- Well Supply Study
- Soil Test - Septic T-time
- In-situ Permeameter Testing
- Monitoring Well Groundwater Elevation Review
- MECP ECA Water Taking ESAR (low-risk) · PTTW (medium-to-high risk)
- Section 59 Notice - Source Water Protection Plan
- Vibration Monitoring & Declaration / Review
- Tie-back Pull Test Report
- Instrumentation & Equipment

## 06

### Field Investigation & QA/QC

*On-site investigation, surveying, construction-phase quality control, and licensed well services.*

- Borehole Drilling & Monitoring Well Installation
- Well Decommissioning
- On-site Inspection
- Property Condition Assessment (PCA)
- Septic System Inspection Report
- Concrete Slab Cut Inspection - Soil Bearing Capacity
- Concrete QA/QC Field · Lab · Reporting
- Soil QA/QC - Field Compaction
- Asphalt QA/QC - Field Compaction
- Structural QA/QC Bonding Strength · Pull-Out Test
- CCTV Inspection
- Survey Topographic Elevations · Cadastral Boundary · Draft Reference (R) Plan · Pinning & Staking · Aerial Drone Topography · Underground Utilities Investigation · Underwater Bathymetry · Stockpile Volume Estimate

## 07

### Aggregates & Mining

*NI 43-101 technical reports for SEDAR filing across every stage of the resource lifecycle.*

- NI 43-101 Report Exploration Early Stage · Mineral Resource Estimate (MRE) · Preliminary Economic Assessment (PEA) · Pre-Feasibility Study (PFS) · Bankable Feasibility Study (FS)
- Aggregate Resources Act - Quarry & Pits technical reports

## LET'S BUILD TOGETHER

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King EPCM gives you one accountable partner to manage it all. We keep consultants, authorities, and deliverables aligned with clear communication and strong coordination—so you avoid the delays, confusion, and finger-pointing that often come with working with multiple firms.

### **Contact**

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