



Englobe Corp. is a consulting engineering and environmental firm that provides professional services in the fields of Construction Materials Engineering, Geotechnical Engineering and Environmental Engineering and Sciences. Formerly Maritime Testing, our firm has joined with Englobe, a national firm that employs more than 1,600 people.

Our Nova Scotia Office and Laboratory is located in Dartmouth:

Office: 97 Troop Avenue, Dartmouth, NS
Telephone: 902.468.6486
Facsimile: 902.468.4919

Email:	General	dartmouth@englobecorp.com
	Environmental (Doreen Chenard)	doreen.chenard@englobecorp.com
	Geotechnical (Scott Simms)	scott.simms@englobecorp.com
	Materials (Peter Salah)	peter.salah@englobecorp.com

Englobe offers consulting, inspection, testing and design services through the following three teams: **Environmental, Geotechnical and Materials.**

OUR ENVIRONMENTAL TEAM offers the following services:

- + Phase I, II, and III Environmental Site Assessments (ESA);
- + Environmental remediation of sites contaminated with petroleum hydrocarbons, heavy metals, PCB's, PAHs, asbestos, mould and other contaminants and hazardous materials;
- + Environmental risk assessments, testing and remedial action plans;
- + Radon assessment and mitigation design
- + Indoor air quality assessments, testing and remedial action plans;
- + Asbestos sample analysis, air monitoring, project supervision, building inventories;
- + Hazardous materials surveys and abatement supervision; and
- + Investigations of microbial contamination including AIHA EMPAT participant environmental microbiology laboratory service.

Frequently our Environmental and Geotechnical teams work together on re-development projects including brownfield sites. We offer full service re-development support including pre-demolition hazardous materials surveys, subsurface environmental investigations, environmental remediation and risk assessments, and environmental management plans, we also offer design recommendations to mitigate environmental costs and implications of developments projects.

OUR GEOTECHNICAL TEAM offers consulting engineering and professional services encompassing onshore and nearshore site investigation, foundation design and monitoring capabilities. Site investigations have been provided to government and industry clients for the design and construction of subdivision projects, multi-level residential/commercial buildings, landfill and treatment plant facilities, bridges, and land reclamation projects. Foundation design including driven and cast-in-place piles, spread or strip footings and mat foundations have been developed for various projects. Geotechnical monitoring services have been provided to determine fill and structural settlement; groundwater percolation and flow; soil frost development and heave; slope stability and creep; soil erosion; transportation and scour; soil chemistry and contaminant leachate dispersion. Geotechnical laboratory testing and inspection services include:

- + Bearing capacity evaluation, footing inspections, drainage installation and backfill inspection;
- + Building site and roadway development services;
- + Pile installation, inspections and testing;
- + Failure analysis and expert witness services;
- + Soil strength parameter testing;
- + Evaluation of stabilized/solidified impacted soil mixtures;
- + Soil evaluation for use in low-permeable soil and bentonite-amended soil liners;
- + Groundwater analysis and flow rate evaluations, percolation and permeability testing, filter design; and
- + Slope stability

Englobe is a recognized innovative leader in provision of materials engineering, testing and inspection services to the consulting and construction industry. These services enhance those provided by our Geotechnical Team. Our Dartmouth testing laboratory was the first in Nova Scotia to receive Canadian Standards Association (CSA) Certification (Category II with additional tests). Englobe provides consulting engineering, testing and inspection services in areas of construction materials (concrete, asphalt concrete, aggregates, soils and rock). Our laboratories provide a broad range of ASTM and Canadian Association (CSA) testing services to residential and commercial developers, road builders and resource industries.

OUR MATERIALS TEAM coupled with in-house geotechnical expertise can provide preliminary site evaluation, design, design specification, construction administration, and quality control services. In addition, consulting and professional engineering services are available for evaluation and rehabilitation of older structures such as parking garages, wharves, bridges, etc. Materials consulting engineering, testing and inspection services are available in the following areas:

- + Asphalt concrete technology including EPS quality control and quality assurance and Superpave mix design;
- + Portland cement concrete technology including concrete mix designs and trial batches, Alkali Aggregate Reactivity testing, Rapid Chloride Penetration testing, Hardened Air Voids evaluation, delamination surveys and quality control/quality assurance of prestressed beam and precast box-culverts and pipes;
- + Soils and aggregates technology including pit and quarry development, petrography, and landfill and sewage treatment lagoon cell construction; and
- + Pavement evaluation and design including flexible and rigid pavement design, pavement distress surveys, non-destructive Benkelman beams strength testing, California Profilograph pavement smoothness testing, and High Speed smoothness profiler.