Memorial University of
Newfoundland

NEWCAN ENGINEERING

"Building The Future"

Mission Statement

"NEWCAN ENGINEERING is a civil engineering firm offering services in the structural, municipal and transportation fields. As a company, our goal is to meet the needs of our clients by introducing innovative and cost-effective solutions."

Our Team

We were established as NewCan Engineering in January 2008 by Ken Doyle, Matt Sheppard, Chad Fisher and Lucas Evans. These four individuals brought to the firm a diverse and varied background consisting of experience in civil design, municipal engineering, construction inspection surveying and materials engineering.

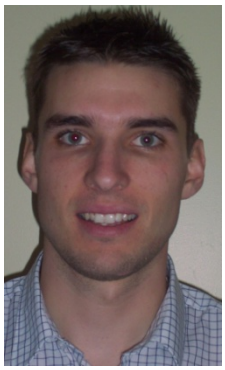
Ken Doyle

Ken Doyle was born in Halifax, Nova Scotia and moved to St. John's in 1994. He is currently completing his degree in Civil Engineering at Memorial University of Newfoundland. He has worked in both Canada and the United States gaining experience in several areas of the civil engineering profession including structural design, sub-division design and construction inspection. Ken is also an experienced surveyor and project director. Some notable projects he has been involved with include the design and analysis of a transport system for a 6600 ton topside as well as being involved with the design of a 70-lot subdivision.

Matt Sheppard

Matt Sheppard was born in St. John's, NL in 1984. He is currently completing his Bachelor of Engineering degree in Civil Engineering at Memorial University. Matt has worked in various fields of civil engineering including structural, transportation and municipal. Matt's experiences in the structural field dealt mainly with the design of steel structures. His experiences in the municipal field include familiarity with municipal road, water and sewer specifications, as well as the supervision and inspection of road upgrades and repairs and the installation of new water and sewer pipes. His experiences in the transportation field include experience in generating as-built drawings in AutoCAD and extensive concrete testing of bridge piers and abutments.

Chad Fisher



Chad Fisher was born in St. John's, Newfoundland in 1984. He is currently completing his degree in civil engineering at Memorial University of Newfoundland. Chad has developed his knowledge in the structural, municipal, and marine fields of civil engineering from past work experiences. This includes completing full detail design and analysis of many marine structures throughout Newfoundland. Chad has experience in supervising and developing many roads, parkways, culverts, and as well as an overpass. He was also involved with the preparation of tender documents and writing technical reports in the areas noted above.

Lucas Evans

Lucas Evans grew up in the small town of Holyrood, Newfoundland along with three other siblings. Lucas is presently studying civil engineering at Memorial University of Newfoundland, driven by his passion for structural and geotechnical engineering. Most of Lucas' experience thus far has been in construction within the geotechnical and municipal fields. Some of the projects Lucas has worked on include the inspection of materials for building lots, roadways and piping systems. He also had the opportunity to be a part of the field investigations program of the Lower Churchill Project. Lucas also has experience within the oil and gas service industry.

Group Qualifications

Structural Engineering

- Design and analysis of Steel Structures
  - Pipe valve access platform
  - Sea-fastening for topsides transport
- Design and analysis of Concrete Structures
  - Wharf
- Feasibility Studies

Municipal Engineering

- Subdivision Design
  - Lot grading
  - Wastewater systems
  - Roads and sidewalks
  - Earthworks estimation
- Geotechnical inspection of materials
  - Building lots
  - Roads
  - Piping
  - Parking lots
  - Foundations
  - Soils and concrete testing
- Road repairs and upgrades
  - Inspection
  - Supervision
- Feasibility studies

Transportation Engineering

- Surveying
  - Layouts
  - As-builts
- Overpass and bridge construction
  - Inspection
  - Quantity estimates