

Northeast Consultants



Rana Patey
Brett Evans
Mark Harvey
Gary Caul



Company Statement

Here at Northeast Consultants, We work to provide our clients with the highest quality of work and ensures a private and professional environment for your engineering project. Our team is comprised of a very skilled group of individuals who bring experience from various fields such as design, structural and geotechnical engineering as well as the construction industry. We guarantee that our work will meet, or exceed all your expectations and do so at an efficient cost according to your needs.

We Offer:

- Environmental Engineering
- Geotechnical Engineering
- Structural Engineering
- Construction
- Drafting and Design
- Mining
- Consulting and Testing
- Costing and Scheduling

Project Involvement

- Long Harbour Processing Plant Project
- Integrated Community Sustainability Plan
- Sir Robert Bond Bridge Rehab
- Conception Bay South Bypass Noise Assessment
- CSA Fenestration Testing
- Wooddale Road Bid Packaging
- Fixed Link to Bell Island Feasibility Study
- Interchange Connecting Paradise Subdivisions to TCH
- Churchill Falls Project
- RNC Headquarters
- Town of Paradise Igor Flood Repairs
- Waterman Extension in Conception Bay South
- CNRL's Horizon Oil Sands Project





Rana Patey

- Dept of Transportation & Works
- HJ O'Connell Construction



Brett Evans

- Town of St. Jacques – Coombs Cove
- Dept of Transportation & Works
- ACAN Windows INC
- Stantec Consulting

Rana Patey is a term eight civil engineering student at Memorial University. She has experience in costing, estimating and contractor supervision from working in the Heavy Civil Construction Industry and with the Provincial Government. These experiences have allowed her to gain knowledge in road and bridge construction, cast-in-place concrete construction, cost tracking, preparing bid packages, and quantity takeoffs. In addition Rana has gained extensive knowledge in large scale building construction as she has spent her last two work terms with H.J O'Connell at the Long Harbour Processing Plant Site.

Rana's main fields of interest are in heavy civil construction and structural design.

Brett Evans is a term eight, civil engineering student at Memorial University. Since starting the engineering program at MUN, Brett has participated in five work terms. The first with the municipality of St Jacques – Coomb's Cove, where he developed a five year strategic plan for the community. The next two terms he worked with the Department of Transportation where he investigated a potential link from Bell Island to the rest of Newfoundland, and also an intersection for the town of Paradise to join the TCH. The fourth work term was with ACAN windows where Brett conducted CSA testing on the company's products and helped improve their ratings. Finally, Brett was employed by Stantec Consulting to perform soil grade analysis on the Long Harbour Sandy Pond Residue Storage Area and Dams and will graduate in April 2013.

Brett's Interests include design, drafting heavy civil construction.





Mark Harvey

- Dept of Transportation & Works
- Pennecon Heavy Civil
- Nalcor Energy



Gary Caul

- Strescon Ltd
- BAE NewPlan Group
- North American Construction Group
- Pennecon Heavy Civil Ltd

Mark Harvey is a civil engineering student, currently enrolled in his final academic semester. Over the course of his degree, he has gained experience mainly in the project management field. He is knowledgeable of construction management practices, as well as the processes involved with development of mega-projects. Mark has worked on large projects such as the new RNC headquarters, the Lower Churchill Project, and the Long Harbour nickel processing facility, and also worked at the Churchill Falls hydroelectric generation facility.

Mark's primary interests are construction management and environmental engineering.

Gary Caul is a term 8 Civil Engineering student at Memorial University of Newfoundland. He has project management experience from creating a project manager training manual for Strescon Limited, a precast concrete manufacturer in Saint John, NB. As a civil site inspector with BAE NewPlan Group in St. John's, NL, he followed municipal construction standards for water, sewer and road construction. For North American Construction Group, in Fort McMurray, Alberta, he tracked production statistics for dyke construction in the mining industry. He was in Labrador City and Goose Bay with Pennecon Heavy Civil Limited where he created and maintained final turnover documentation. His focus is project management in the construction industry and a continued development of leadership qualities.

Skills and Attributes:

- AutoCAD
- Microsoft Office
- S-Frame
- Solidworks
- EPANet
- HEC-RAS
- Eagle Point
- Surveying

Standards and Codes:

- CISC-ICCA: Handbook of Steel Construction
- CSA Standard A23.3-04: Design of Concrete Structure



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C/O Faculty of Engineering & Applied Science
Memorial University of Newfoundland
St. John's, NL