

CDNL Engineering Consultants



Safety. Serviceability. Satisfaction.



MISSION STATEMENT

At CDNL Engineering Consultants we strive to deliver to the needs of our clients with the highest standards in service, quality, safety and reliability. CDNL Engineering aspires to maintain strong work ethic and friendly working environments and aims to establish close relationships with clients to ensure services provided satisfy and exceed expectations.

ABOUT US

CIVIL ENGINEERING SOLUTIONS

CDNL Engineering Consultants is comprised of individuals with a vast array of work experience that contributes to the diversity of engineering services that can be provided by the company. We provide engineering services in the following areas:

- Structural Design and Analysis
- Geotechnical Engineering
- Hydrotechnical Engineering
- Environmental Engineering
- Construction
- Offshore Structural Design and Analysis

SAFETY

We aim to ensure the safety of our employees and clients through careful attention to detail and knowledge industry standards

SERVICEABILITY

In addition to providing a safe final product we strive to maintain efficiency and elegance in our designs

SATISFACTION

We seek to meet and exceed the expectations of clients in all our endeavors in order to encourage lasting relationships



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CHRIS WILLETTE



Department of Transportation and Works
North American Construction Group
Nalcor Energy

Chris is a senior civil engineering student at Memorial University and will be graduating in April 2010. Through participation in the co-operative program he has been able to gain experience in the fields of heavy civil construction, road design, cost estimation, computer modeling and drafting, transmission tower design, project supervision and planning. While working with the Department of Transportation and Works he participated in the design of the Foxtrap Bypass and St. Lawrence Bridge realignment as well as construction of the Trans Labrador Highway and Churchill River Bridge. During 2007 – 2008 Chris helped update the tower testing system for the Lower Churchill Project transmission line and developed a computer model for ice build up on the line. Also, while working with North American at the Syncrude Aurora Site he participated in project management and the development of standardized safety/equipment training checklists.

DANA DALTON



Department of Education
Xstrata Zinc – Brunswick Mine
Jacques Whitford Stantec
Technip Canada Limited
American Bureau of Shipping

Dana is currently enrolled in her final academic term of the Civil Engineering Co-op Program at Memorial University. During this program, she was given opportunity to work in several engineering industries; however, the focus of her work experience remains in the field of structural engineering. Dana has been involved in structural steel design and analysis for both the onshore and offshore industries with Xstrata Zinc and Technip Canada Limited. Dana has also been exposed to geotechnical engineering through asphalt testing and aggregate and soil testing while working with Jacques Whitford Stantec. Throughout this experience, Dana has gained valuable knowledge and practice in creating technical documents, evaluating and applying engineering standards, performing quality assurance checks and feasibility analyses and working with clients to complete design projects.

NICK COATES



Department of Transportation and Works
RJG Construction
Rock Construction
Defence Construction Canada
North American Construction Group

A highly determined and skilled project manager and field coordinator, Nick has experience in all areas of the construction environment, including job take off and cost estimating. With almost two years of project management experience with the Government of Newfoundland and Labrador, Defence Construction Canada and North American Construction he has been involved in building construction, upgrades, demolition, environmental reclamation, road construction and even mining. Nick has been exposed to large reinforced concrete construction, structural steel designs and gained an abundance of surveying knowledge by working part time for a small construction company in St. John's.

LAURA BENNETT



Transport Canada
City of St. John's
American Bureau of Shipping
Syncrude Canada Ltd.
Doris Engineering

Laura is a Term 8 civil engineering student at Memorial University. Her strength lies in her ability to work independently as well as in a group setting. Her previous work experience is broad ranging from the shipping industry to municipal works to the oil and gas industry. Two notable examples of Laura's work experience include sanitary/storm sewer modeling and base slab design for a gravity based structure. She has a proven ability to learn new technologies quickly and her meticulous attention to detail makes her an invaluable member for the CDNL team.

Technological Capabilities

- AutoCAD
- Microsoft Office
- STADD
- ArcGIS
- Geostudio
- CONSEC
- HEC-HMS
- MicroStation
- Macro Programming
- Eagle Point

Codes and Standards

- CISC-ICCA: Handbook of Steel Construction S16.1
- CSA Standard A23.3-04—Design of Concrete Structures
- Canadian National Building Code (2005)
- DNV Standards
- ABS Standards for Ship Building
- City of St. John's Specifications Manual
- ASTM Geotechnical Standards
- Transportation Association of Canada Manual



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