

# JACS



## ENGINEERING



# STATEMENT OF QUALIFICATIONS

## MISSION STATEMENT:

To provide quality consulting services for engineering challenges with a primary focus on safety, the environment and client satisfaction.

## GOALS AND OBJECTIVES

As an emerging team of young engineers JACS Engineering aims to meet client needs and exceed expectations. We are prepared to undertake any engineering project with the goal of providing quality deliverables and sound design recommendations. To maximize performance we intend to utilize all available recourses and prepare our work with the utmost care and prudent engineering judgement.

## ABOUT US

JACS Engineering is comprised of four enthusiastic and hard-working senior civil engineering students from the Faculty of Engineering and Applied Science at Memorial University of Newfoundland. We have a multi-disciplinary background and are host to a set of valuable skills and experiences. JACS Engineering is eager to apply these skills to any engineering challenge.



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## JEREMY COOPER

Jeremy has gained valuable experience in the field of construction through his co-op terms. He was heavily involved with project coordination and field engineering. He has worked on two major hospitals, one of which requiring seismic reinforcement. He also gained experience with skeletal steel structures and coastal communication structures.

He is interested mainly in the fields of structural engineering and construction.

## ANDREW FUDGE

Andrew is a well rounded student who is versed in a wide range of engineering fields. He has worked extensively in the transportation, municipal and hydroelectric engineering industries. His experience includes field engineering, bridge design, highway design, power generation, environmental assessment, transmission, structural and municipal engineering.

Andrew is interested in the areas of hydrology, hydroelectricity, municipal and transportation engineering



## COLIN POLLARD

Colin has completed six co-op terms in the oil & gas industry with a strict focus on safety and the environment. His experience includes field engineering at a processing plant, subsea pipeline specification development at a consulting firm, project engineering for Hibernia platform and planning/estimating for an EPCM company.

Colin's interests lie in project management for engineering and construction projects in both industrial and commercial environments.

## STEVE FORWARD

Through his co-op terms with three diverse engineering consultants and a municipality, Steve has been involved with a number of challenging projects. His work experience includes but is not limited to municipal infrastructure design, earthworks, utility coordination, structural design, hydraulic design, environmental assessment and remediation, contractor oversight, and offshore and onshore geotechniques.

Steve is interested in geotechnical engineering, structural engineering and hydropower, and is considering graduate studies.





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## EXPERIENCE

### CLIENT

- Suncor Energy
- Production Services Network
- C-CORE
- EllisDon Construction Inc
- Royal Canadian Coast Guard
- Iron Ore Company of Canada
- Conestoga Rovers & Associates
- Atlantic Engineering Consultants
- Town of Baie Verte
- Dept. of Transportation & Works
- Newfoundland Power
- Nalcor Energy
- Dept. of Municipal Affairs

### PROJECT

*Firebag SAG-D*

*Hibernia*

*Terra-Nova*

*North Caspian Subsea Pipeline*

*Steel Catenary Risers*

*McCaig Tower*

*Ottawa General Hospital*

*MCI Division St. John's*

*Labrador City Mine*

*Rambler Mine Site Remediation*

*Ontario Landfill Management*

*Corner Brook Courthouse*

*Wellington St. Sports Complex*

*Municipal GIS Development*

*Kenamu River Bridge*

*Bell Island Ferry Terminal*

*Soldiers Pond Dam and Spillway*

*Rehab. of Mount Carmel Dam*

*Cape Broyle Plant Improvements*

*Lower Churchill Project*

*Eastern Regional Operations*



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## SOFTWARE CAPABILITIES

AutoCAD	S-FRAME
Matlab	STAAD
Primavera	MS Project
MS Office	L-Pile
C++	HEC-HMS
Visual Basic	LandGEM
Fortran	CostWorks

## CODE FAMILIARITY

CSA Standard A23.3-04	Municipal Master Specs.
CSA Standard S16-01	CSA Standard S6-06
Nation Construction Codes of Canada (NBC, NFC, NPC)	Industry Piping Specs.
Dept. Of Transportation and Works Master Specs.	Provincial Environmental Assessment Guidelines

## CONTACT INFO

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