



PEARSON-McCUAIG ENGINEERING LTD.

February 1, 2007

PEARSON-McCUAIG CELEBRATES 1ST ANNIVERSARY

Providing Innovative Solutions to Complex Challenges in:

- *Civil and Municipal Engineering*
- *Project Management*
- *Stormwater Management*
- *Traffic Analysis*
- *Commercial/Industrial Site Plans*
- *Residential Development*
- *Water and Wastewater Treatment.*



PEARSON-McCUAIG staff following their company golf day at Diamond in the Ruff (l to r): Doug Cave, Claudio Annecca, Tyler Smith, Roger Young, Jeff McCuaig, and Gary Pearson.

Gary Pearson, P.Eng. and Jeff McCuaig, P.Eng. are pleased to celebrate the 1st anniversary of PEARSON-McCUAIG ENGINEERING LTD. located at 89 Dunlop Street East, Suite 301, in the heart of Barrie's vibrant downtown looking over Kempenfelt Bay.

PEARSON-McCUAIG has enjoyed tremendous unexpected growth over the last twelve months as we started out as two and quickly grew to a staff of six. Our firm is in a position to build on a solid foundation of engineering and construction administration experience coupled with the energy of a relatively young staff in providing civil engineering services to the land development and municipal sectors.

PEARSON-McCUAIG's staff have over 50 years combined experience in consulting engineering, project management, construction administration and inspection services.

Our continued goal of providing excellent service to our existing clients and re-connecting with previous friends are keeping us busy as we work through the winter design season and head into the spring construction season.

PEARSON-McCUAIG anticipates that additional staff will be added as the number of projects and project size increases and as our client demands warrant.

All of our staff have worked together previously and we understand each others strengths in the industry. This allows us to effectively complete projects on time and within budget while maximizing construction efficiencies. Our reputation as leaders in development and municipal engineering is quickly becoming established.

PEARSON-McCUAIG

PRODUCTS AND SERVICES



PEARSON-McCuaig provides excellence in a wide range of civil engineering including municipal, site servicing, residential, structural and environmental services. It has quickly become apparent that our clients require quality service within aggressive yet reasonable timelines. Our inaugural year and relatively clean work slate has allowed us to tackle projects quickly and effectively to meet our clients design requirements and timelines. As we continue to grow, this characteristic will remain a priority of PEARSON-McCuaig. We tweaked the layout of our office over the holidays to better utilize our space and to open up area for future staff hires.

The following services provided by PEARSON-McCuaig are based on a solid knowledge of client expectation, project management, construction practices and design requirements:

Engineering Design Services include:

- Residential Subdivision Design
- Commercial/Industrial Site Plan Design
- Municipal Roadworks/Services Design
- Stormwater Management Plans
- Sewage & Water Treatment Plants
- Sanitary Pumping Stations Plans
- Contract Administration & Inspection
- Sediment & Erosion Control Plans

Engineering Studies include:

- Functional/Master Servicing Reports
- Stormwater Management (SWM) Reports
- Traffic Impact Studies
- Water Modelling
- Flood Plain Analysis
- Cost Sharing Agreements
- Class Environmental Assessments
- Engineering Design Briefs

PEARSON-McCUAIG: TECHNICAL STAFF

Mr. Gary Pearson and Mr. Jeff McCuaig are the sole owners of **PEARSON-McCuaig Engineering Ltd.** and we have enjoyed key staff additions to our firm during our first year.

Mr. Doug Cave, C.E.T. joined our firm in April 2006 as Senior Project Technologist. Doug brings 15 years of design and AutoCAD management and software development to PEARSON-McCuaig. Doug is instrumental in a vast number of our commercial/industrial site plan and land development projects and he is our key IT manager.

Doug attended the week long Autodesk University in Las Vegas in November 2006. This seminar was attended by over 7,000 Autodesk users worldwide including some local technologists. The classes that Doug attended involved the new Autodesk Civil 3D software, an innovative new Autodesk release which will transform the way land development and municipal infrastructure projects are designed.

In order to ensure PEARSON-McCuaig maintains a leading edge in this new technology, Doug is currently working in Civil 3D and will be seamlessly integrating the technical staff during the winter/spring of 2007.

Doug is also in the process of obtaining his Licensed Engineering Technologist (L.E.T) designation through OACETT.

Mr. Roger Young joined our firm in May 2006 as Intermediate Design Technologist. Roger has over five years of design experience coupled with field inspection experience. This combination provides Roger with a practical blend of experience which shows up in his design work.

Roger's versatility between design and contract administration/field inspection work made him a logical addition to our firm in the spring of 2006. Roger is very capable of designing projects independently and he is known by many of his technical peers (architectural, development, etc.) within the development industry.

Roger is currently in the process of writing his final exams to obtain his Certified Engineering Technologist designation.

Mr. Claudio Annecca, C.E.T. joined our firm in June 2006 as Senior Contract Administrator. Claudio has over five years experience in engineering and another eight years experience in house construction and he is well known and respected within the construction industry.

It quickly became apparent that Claudio was a necessary addition to our firm in order to maintain a level of integrity in the field to ensure the quality of construction met our clients expectations.

Claudio's contract administration experience ensures projects are priced properly and payment schedules are correct. Claudio is also becoming integrated with the design work as he begins to assist with more design tasks.

Mr. Tyler Smith joined our firm in September 2006 as a Intermediate Design Technician. Tyler has over three years experience as a designer and field inspector.

Tyler has been instrumental in inspecting all aspects of the Diamond View (Muskoka) Inc. fractional ownership development through the fall of 2006 and we now have him back in the office participating with the design team.

PROJECT DESCRIPTIONS—VARIOUS

Nottawasaga Inn Resort - Centre Ice Sportsplex

This was PEARSON-McCUAIG's inaugural project (#06001) and it included the site servicing and SWM analysis and report for the development of the new Centre Ice Sportsplex located at the Nottawasaga Inn Resort.

The approval time for the onsite servicing design and SWM was critical. Our work commenced in late February and the Sportsplex needed to be operational in September. The servicing and grading for this project were installed without complication and the first skaters took to the ice on time.

We are currently working on the second phase of this project that will provide a second ice surface adjacent to the first.



Diamond View (Muskoka) Inc.

Diamond View (Muskoka) Inc. is a Fractional Ownership Resort Development consisting of fifteen Normerica Post & Beam Cottages located on Nutt Lake across from the 'Diamond in the Ruff' golf course north of Bracebridge.

PEARSON-McCUAIG's role as Project Manager included overall design coordination of the municipal infrastructure, grading, roadworks, sewage treatment and disposal and water treatment and distribution. We also coordinated the building permit applications and, as Contract Administrators, performed all necessary construction inspections and processed payment certificates for all trades and consultants involved in the project.



Sarjeants, Bradford - Industrial Development

PEARSON-McCUAIG was engaged by The Sarjeant Co. Ltd. to complete a Functional Servicing Report (FSR) for an industrial subdivision on a 8.5 hectare lot fronting the 10th Sideroad north of the 8th Line in Bradford. The servicing requirements for this development include sanitary, storm, watermain, traffic analysis, stormwater management and associated SWM Pond.

A large amount of fill needs to be removed from the site to facilitate final grading requirements. The approval for this removal was obtained through applications to the town in the summer of 2006 and PEARSON-McCUAIG has been instrumental in monitoring the soil removal.



NVCA - Flood Plain Study (Orr Lake and Bass Lake)

The Nottawasaga Valley Conservation Authority (NVCA) engaged PEARSON-McCUAIG to complete a flood plain analysis of the Orr Lake and Bass Lake watersheds. These large watersheds are 1,561 ha & 4,780 ha for Orr Lake and Bass Lake, respectively.

Due to the size of the watersheds, the OTTHYMO modeling program and NASHYD subroutines were utilized to analyze the flood conditions during the 100 year and regional flood events. This analysis also required detailed survey and analysis of the outfalls draining these watersheds. The results of these studies were accepted by the NVCA within the allotted timelines and budget.



Town of New Tecumseth - Watermains, various

PEARSON-McCUAIG was awarded their first municipal project in July 2006 with the Town of New Tecumseth's Roadworks and Watermain reconstruction. These projects included:

- Centre Street (Beeton) road resurfacing, watermain reconstruction and sanitary upgrades
- Watermain reconstruction from King Street through Riverdale Park to Fletcher Street in Alliston.





PEARSON-McCUAIG
ENGINEERING LTD.
705-719-4785

**PROVIDING INNOVATIVE SOLUTIONS TO COMPLEX
CHALLENGES**

Look for the **PEARSON-McCuaig Engineering Ltd.** project signs at various locations where clients are utilizing our services for their development and municipal projects.

Our business cards have further evolved and are enclosed accordingly. We would like to thank Melissa Malcolm of Malcolm Graphics (795-0771) for assisting us with our promotional material and developing our logo, business cards & site signs.

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