

pegnl

PROFESSIONAL ENGINEERS & GEOSCIENTISTS
NEWFOUNDLAND & LABRADOR

professional excellence. public trust.



2015 ANNUAL REPORT



BOARD OF DIRECTORS

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Senior Manager, Buildings Engineering Services, Bell Canada, St. John's

NEIL CLEARY, P. Eng., Chair-Elect (Elected)

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DR. DENNIS PETERS, P. Eng., FEC, Past Chair (Elected)

Head, Department of Electrical & Computer Engineering, Memorial University, St. John's

GERRY ANTLE, P. Eng., Director (Elected)

Director of Infrastructure and Public Works, City of Mount Pearl, Mount Pearl

DAWN EVANS-LAMSWOOD, P. Geo., Director (Elected)

Manager Exploration, Brownfield Exploration North Atlantic Vale NL, St. John's

SHERRY FREAKE, RN, Director (Ministerial Appointee)

Chief Operating Officer, Central Health, Gander

DAVID GOOSNEY, P. Eng., Director (Elected)

System Planning Engineer, Newfoundland and Labrador Hydro, St. John's

DR. JOHN HANCHAR, P. Geo., Director (ex-officio)

Head, Department of Earth Sciences, Memorial University, St. John's

JANE KIELEY, P. Eng., Director (Elected)

Senior Manager, Network Performance and Traffic Management, Bell Canada, St. John's

RAYNA LUTHER, P. Eng., Director (Elected)

Assistant Director of Infrastructure and Public Works, City of Corner Brook, Corner Brook

DR. GREG NATERER, P. Eng., Director (ex-officio)

Dean, Faculty of Engineering and Applied Sciences, Memorial University, St. John's

ANDREW PEACH, P. Geo., Director (Elected)

Geotechnical Engineering Manager, Golder Associates, St. John's

DAVID PINE, FCPA, FCA, Director (Ministerial Appointee)

Senior Manager Finance, Bell Aliant, St. John's

JAMES PARMITER, B. Comm., MBA, Director (Ministerial Appointee)

Vice President Strategy and Development, The Cahill Group, St. John's



FROM LEFT TO RIGHT: Neil Clearly, Geoff Emberley, Gerry Antle, Andrew Peach, Jeff Card, David Goosney, Dennis Peters, Jane Kieley, David Pine, James Parmiter, Sherry Freake, and Dawn Evans-Lamswood.

MISSING FROM PHOTO:



John Hanchar



Greg Naterer



Rayna Luther



STAFF



Geoff Emberley, MBA, P. Eng.,
FEC, Chief Executive Officer,
Registrar



Mark Fewer, B. Comm.
(Co-Op), Chief Operating
Officer, Deputy Registrar



Janet Bradshaw, P. Eng., FEC
Professional Standards
Director



Kevina Willmott,
Compliance Officer



Lesley Oakley,
Registration Coordinator



Andrew Peach,
B. Comm. (Co-Op),
Operations Coordinator



Jennifer Lane,
Administrative Assistant



MaryAnn Chafe,
Registration and
Operations Assistant



CHAIR AND CHIEF EXECUTIVE OFFICER'S REPORT 2015

Jeff Card, P.Eng., Chair & Geoff Emberley, MBA, P.Eng., FEC, CEO & Registrar



Forward Looking

Among PEGNL's most important roles are adapting to a changing environment and planning to better meet the engineering and geoscience needs of the province through the regulation of engineering and geoscience practitioners. The Board is continuously monitoring the environment and modifying its ends statements or goals. In 2015 it initiated a refresh of its planning process and among other things in early 2016 it produced its vision statement of "Competent and ethical engineers and geoscientists safeguarding a better future for the people, environment and economy of Newfoundland and Labrador." This statement and the associated work will help guide the Board in its setting of PEGNL goals and its monitoring of progress towards the goals.

Also in 2015, PEGNL refreshed its operational plans and among these were communications initiatives. The results of some of these initiatives are evident in early 2016. For example, PEGNL has completely rebuilt its website to enable better communications with all stakeholders. Further, PEGNL has a refreshed logo and brand as is evident in this annual report and in our revised publication, formerly "Dialogue", now called "Illuminate". Other initiatives flowing from these plans will reach out to all stakeholders to facilitate better two-way communications.

Licensure

With a growth of 5.07% in the number of individuals licensed with PEGNL at year end 2015 over 2014, PEGNL's register has exceeded 5,000. This is more than double the 2005 number of registrants and reflects the increasing role that engineers and geoscientists have in the Newfoundland and Labrador economy and society. The number of Permits to Practice increased 5.07% in 2015 and also increased substantially over the 10 year period, but not as much as individuals licensed, perhaps reflecting that engineers and geoscientists are working more in larger firms.

While part of the increase is attributed to compliance efforts, it is not PEGNL's intent to increase registration through this approach; but rather to ensure that those practicing in or for the province of Newfoundland and Labrador comply with The Engineers and Geoscientists Act, 2008.

With this overall growth we see a significant number of applicants who are trained and working in other countries applying to be licensed with PEGNL. While international agreements and good accreditation practices in other countries help facilitate our registration of properly qualified applicants, we work hard to be timely and fair in our registration of applicants from other countries. International

engineers and geoscientists are becoming a more important part of the contributions that engineering and geoscience make to the province of Newfoundland and Labrador.

Note that the annual percentage growths for 2015 are net increases. These are a combination of increases in new registrants and decreases due to those who resigned. Much of the work by out of province practitioners tends to be project-based and as such these people resign when the projects are completed. We have seen more resignations at year end 2015 but we also have new applications continuing in early 2016. We have projected a slight net increase in overall registration numbers in 2016.

Changes Primarily Impacting Those Registered With PEGNL

In responding to requests from government bodies that review plans submitted by engineers and geoscientists, PEGNL made changes to its Permit to Practice processes. In 2015, PEGNL provided an enhancement on its website to the public register of Permit to Practice holders. In addition to showing the names of licensed Permit to Practice holders, PEGNL has now provided the disciplines under which these permits are authorized to practice. Further, in response to a government request and to a recommendation from a discipline case of some years ago, PEGNL fully implemented the requirement for Permit to Practice holders who wish to be authorized for structural engineering, to be specifically licensed for that area of practice, separate from civil engineering. The availability of online information from the PEGNL register will be enhanced with our new web site.

Professional development (PD) matters were reviewed in 2015 with a focus on ethics. While engineers and geoscientists as practitioners each have very different engineering and scientific expertise, the ethical standards required for practitioners are very much the same across engineering and geoscience. Within the disciplinary processes, it is more often the ethical matters that are the source of allegations against license holders rather than the engineering or geoscience practice matters. PEGNL is reviewing the possible inclusion of a mandatory ethics component in its professional development program.

Further, with professional development, PEGNL changed the annual reporting requirements of engineers and geoscientists, to come into effect in 2016. Prior to these changes, engineers and geoscientists were required to report a minimum of 60 professional development hours (PDH) for the reporting year while maintaining a minimum of 240 PDH over a rolling three year period. PEGNL has recognized that some licence holders do not realise that they must maintain an average of 80 PDH over the three year period. Further, the tracking of the three year average and associated efforts to work with engineers and geoscientists to come into compliance with the PD requirements was causing unnecessary work. As a result, PEGNL changed its requirements and now engineers and geoscientists must report a minimum of 80 PDH in every year. If it cannot be achieved, PEGNL will work on an individual basis with each licensee to assist in the achievement of compliance with the PD program in a year. We will see the first reports under this new system at the end of 2016.

PEGNL Guidelines form an important part of the practice standards required of engineers and geoscientists. Within 2015 PEGNL focused on the "Guideline for the Use of the Seal". The document has been renamed "Practice Guideline for Authenticating Professional Documents" and the draft document was produced in 2015 and has been circulated to license holders in 2016. Once comments are received, and updates made satisfactory to the Board, it will be confirmed as a PEGNL guideline. A review of the need to update or add other practice guidelines is ongoing in 2016.

Disciplinary Matters

PEGNL resolves allegations from the public or other professional licence holders in a three-step process. They may be resolved by agreement between the parties and the Registrar in some circumstances. If not resolved at that level they are passed to a committee of the Board of Directors called the Complaints Authorization Committee (CAC) which is composed of both elected Board members and government appointed Board members. In dealing with an allegation, the CAC may dismiss the allegation, issue a caution and counsel, or pass the allegation on to a Disciplinary Tribunal. The Disciplinary Tribunal is a quasi-judicial body with very formal procedures. It is composed of engineers and geoscientists and others appointed by the government. The Tribunal can dismiss the complaint, or impose restrictions up to and including removal of license and public notification.

Within 2015 a Disciplinary Tribunal hearing was brought to closure with a practitioner agreeing to an admission of unprofessional conduct, among other stipulations. A case summary was

published in Dialogue so as to make licence holders aware of the matter. PEGNL continues to use the Registrar resolution process to deal with matters where public welfare is not of concern. A number of matters were resolved at this level in 2015.

Working with Others

Among the key stakeholders with which PEGNL works are governments, especially provincial and municipal governments. Service NL is the government department that has charge of the Engineers and Geoscientists Act, and it is also the department whose staff review many engineering and geoscience documents as part of their day-to-day activities in regional service centres. PEGNL has been working with Service NL on such matters as scope overlap between engineers and architects. PEGNL continues to work on this matter to achieve the best outcome for the people of the province.

In 2015, PEGNL made a submission to the Panel on Hydraulic Fracturing. The theme of the PEGNL submission was the importance of ensuring that in the public interest all engineering and geoscience submissions made to the Natural Resources Department and to the Environment and Conservation Department are prepared by practitioners licensed under the Engineers and Geoscientists Act.

PEGNL continues to encourage people to consider a career in engineering or geoscience. PEGNL's major initiative for this is through the National Engineering and Geoscience Month and the associated bridge competitions across the province. Youth interest in engineering and geoscience careers is an important element of future sustainability of the professions.

Finances

Audited financial schedules are included in the Annual Report for the information of the licence holders.

The statement of operations for the 2015 fiscal year indicates a net income of \$62,197.

The budget for 2016 projects a net loss of \$35,000. The revenue component is based on a projected increase in registration of 2%, while expenses are projected to increase by 10% over 2015 actuals.

PEGNL's reserves are an important part of PEGNL's financial stability and its ability to respond to significant financial demands over what has been budgeted in any one year. Individual legal cases arising from disciplinary or compliance efforts can easily exceed \$100,000. At year end 2015, PEGNL met its minimum reserve requirements as mandated by the PEGNL Board of Directors, and carries a significant surplus beyond its reserve requirements. We expect to draw down these surplus reserves over time.

As a consequence of the foregoing, there was no increase in licensing fees assessed for 2016. Licensing fees have not increased since 2006.

Infrastructure

In 2015, PEGNL implemented an Information Systems Plan that made recommendations regarding PEGNL's hardware and software systems as well as systems security. As part of that plan PEGNL modernized its existing hardware and implemented a new financial software system. It also implemented a tracking system for applicants, providing better tracking of an applicant's status. In 2016, PEGNL is

reviewing options to replace its existing client management system.

In 2015 and into 2016 PEGNL is also reviewing its accommodations needs over the next five years and the capability of our existing accommodations to meet that need.

Volunteers and Staff

As a self-regulating professional organization, PEGNL could not operate without the dedicated efforts of volunteers. Approximately 200 volunteer engineers, geoscientists and others contribute many hours annually, conducting PEGNL's regulatory and professional affairs. In addition to our professional licence holders we also thank our ministerial appointed representatives on the PEGNL Board of Directors and on the Disciplinary Panel. Volunteer names are noted later in this 2015 annual report.

The PEGNL staff faced many challenges in 2015, including growth in registrations, increased compliance efforts, staffing changes and changes associated with system improvements. We thank the staff for responding so well to this year's challenges.



INDEPENDENT AUDITOR'S REPORT

To the Members of Professional Engineers and Geoscientists Newfoundland and Labrador, we have audited the accompanying financial statements of Professional Engineers and Geoscientists Newfoundland and Labrador, which comprise the statement of financial position as at December 31, 2015, and the statements of operations, changes in net assets and cash flow for the year then ended, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements present fairly, in all material respects, the financial position of Professional Engineers and Geoscientists Newfoundland and Labrador as at December 31, 2015 and the results of its operations and its cash flow for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Chartered Professional Accountants



STATEMENT OF FINANCIAL POSITION

(YEAR ENDING DECEMBER 31, 2015)

	Dec 31, 2015	Dec 31, 2014
CURRENT ASSETS		
Cash and bank	\$1,738,641	\$1,490,236
Long-term investments	\$1,265,155	\$1,202,002
Short-term investments	\$86,251	\$71,361
Accounts receivable	\$2,563	\$1,223
Prepaid expenses	\$11,313	\$11,313
Subtotal	\$3,103,923	\$2,776,135
Property and equipment	\$53,166	\$66,548
Intangible asset	\$50,141	\$41,943
Total	\$3,207,230	\$2,884,626
CURRENT LIABILITIES		
Accounts payable and accrued liabilities	\$238,844	\$163,954
Deferred income	\$1,167,740	\$980,004
Due to related parties	\$6,138	\$4,908
Current portion of capital lease obligations	\$1,542	\$3,449
Obligations under capital lease	-	\$1,542
Subtotal	\$1,414,264	\$1,153,857
NET ASSETS		
Invested in capital assets	\$51,624	\$61,557
Legal and miscellaneous contingency fund	\$431,457	\$404,977
Wind-up contingency fund	\$143,818	\$134,992
Unrestricted	\$1,166,067	\$1,129,243
Subtotal	\$1,792,966	\$1,730,769
Total	\$3,207,230	\$2,884,626

Approved on behalf of the Board of Directors:

Jeff Card, P. Eng.
Chair

Geoff Emberley, MBA, P. Eng., FEC
Chief Executive Officer



STATEMENT OF OPERATIONS

REVENUE	BUDGET 2015	ACTUAL 2015	VARIANCE 2015	BUDGET 2016
Licence holder fees	\$1,103,502	\$1,065,934	(\$37,568)	\$1,090,000
Permit fees	\$379,000	\$370,888	(\$8,112)	\$380,000
Other	\$206,000	\$163,952	(\$42,048)	\$173,000
Registration fees	\$128,000	\$140,207	\$12,207	\$145,000
Interest and investment revenue	\$20,000	\$50,953	\$30,953	\$45,000
Conference revenue	\$30,000	\$26,807	(\$3,193)	\$30,000
Total	\$1,866,502	\$1,818,741	(\$47,761)	\$1,863,000
EXPENSES				
Administration	\$407,725	\$431,038	\$23,313	\$390,650
Engineers Canada/Geoscientists Canada	\$99,500	\$81,843	(\$17,657)	\$100,000
Conference	\$50,000	\$46,022	(\$3,978)	\$47,500
Board governance	\$78,175	\$54,466	(\$23,709)	\$78,200
Internal and external communications	\$175,475	\$178,381	\$2,906	\$184,650
Meetings expense	\$14,625	\$12,004	(\$2,621)	\$13,000
Licence holder services	\$16,000	\$26,090	\$10,090	\$20,000
Other	\$195,000	\$141,984	(\$53,016)	\$186,000
Professional fees	\$160,000	\$78,116	(\$81,884)	\$150,000
Salaries and benefits	\$616,500	\$632,654	\$16,154	\$678,000
Scholarships and donations	\$29,200	\$28,574	(\$626)	\$30,000
Travel	\$22,000	\$14,652	(\$7,348)	\$20,000
Total	\$1,864,200	\$1,725,824	(\$138,376)	\$1,898,000
Excess (deficiency) of revenue over expenses	\$2,302	\$92,917	\$90,615	(\$35,000)
Unrealized gain (loss) on investments*	-	(\$30,720)	(\$30,720)	-
Net income (loss)	\$2,302	\$62,197	\$59,895	(\$35,000)
Capital and intangible asset expenditures **	(\$100,000)	(\$53,341)	\$46,659	(\$75,000)

*Unrealized gain (loss) on investments amount represents an unrealized loss on long-term investments. This is a result of a decrease in the market value of the long-term investments from December 31, 2014 to December 31, 2015.

**Capital and Intangible Asset Expenditure amount represents gross cash expenditures for the year on tangible and intangible capital items. This line was not a part of the original Audited Statement of Operations, but has been added by PEGNL for information purposes only. The actual amount for 2015 is derived from the Audited Statement of Cash Flow.



STATEMENT OF CASH FLOW

OPERATING ACTIVITIES	2015	2014
Cash receipts from licence holders	\$1,954,183	\$1,870,389
Cash paid to suppliers and employees	(\$1,531,875)	(\$1,517,287)
Interest paid	(\$60,640)	(\$62,450)
Cash flow from operating activities	\$361,668	\$290,652
INVESTING ACTIVITIES		
Purchase of capital assets	-	(\$20,485)
Purchase of intangible assets	(\$53,341)	(\$43,740)
Interest and dividends received	\$54,781	\$49,414
Purchase of long-term investments	(\$269,644)	(\$1,231,154)
Proceeds on disposal of short-term investments	\$70,160	\$60,000
Proceeds on disposal of long-term investments	\$87,000	\$1,180,075
Cash flow used by investing activities	(\$111,044)	(\$5,890)
FINANCING ACTIVITIES		
Advances from (to) related parties	\$1,230	(\$1,477)
Repayment of obligations under capital lease	(\$3,449)	(\$3,125)
Cash flow used by financing activities	(\$2,219)	(\$4,602)
Increase (decrease) in cash flow	\$248,405	\$280,160
Cash - beginning of year	\$1,490,236	\$1,210,076
Cash - end of year	\$1,738,641	\$1,490,236



SUMMARY OF REGISTRATIONS

2005-2015 (YEAR ENDING DECEMBER 31, 2015)

LICENCE CATEGORY	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Life Members	189	192	195	200	203	210	226	238	244	271	298
Professional Engineers	1767	1851	1947	2102	2175	2385	2755	3108	3362	3614	3808
Professional Geoscientists	179	204	203	207	222	246	252	294	296	306	325
Dual P. Eng. / P. Geo.	12	11	11	12	12	12	13	13	14	15	12
Engineers-in-Training	339	321	308	320	339	359	360	398	482	523	523
Geoscientists-in-Training	25	34	38	49	47	45	42	51	58	55	58
Limited Licensee - Eng. L.	0	0	0	0	0	0	0	0	2	8	11
Limited Licensee - Geo. L.	0	0	0	0	0	0	0	0	0	0	0
TOTAL LICENCES	2511	2613	2702	2890	2998	3257	3648	4102	4458	4792	5035
Annual Growth	-2.71%	4.06%	3.41%	6.96%	3.74%	8.64%	12.00%	12.45%	8.68%	7.49%	5.07%

PERMITS TO PRACTICE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Engineering	285	291	280	311	314	321	366	426	486	510	534
Geoscience	28	25	26	27	25	24	22	26	26	28	31
Engineering & Geoscience	9	10	11	12	11	9	11	11	12	14	15
TOTAL PERMITS TO PRACTICE	322	326	317	350	350	354	399	463	524	552	580
	4.55%	1.24%	-2.76%	10.41%	0.00%	1.14%	12.71%	16.04%	13.17%	5.34%	5.07%



REGISTRATION COMMITTEE REPORT 2015

Dr. Steve Piercey, P. Geo.

The PEGNL Registration Committee is the decision-making body for the following admissions categories of registration with PEGNL: Professional Engineers, Professional Geoscientists, Engineers-in-Training, Geoscientists-in-Training, Limited Licensees and Permits to Practice.

During 2015, the Registration Committee held ten regular business meetings and two policy meetings. The committee evaluated a total of 238 applications for professional licensure, 156 applications for member-in-training registration; three applications for limited licensure; 93 applications for permits to practice and 139 permits to practice addition/revision requests. The committee also endorsed 315 applications for professional licensure as required under the Labour Mobility Clause of the Agreement on Internal Trade between provinces.

The growth of registrants continued in 2015. Overall, registration increased by 5.07% over the past year. The total number of Professional Engineers increased by 5.4%.

The total number of Professional Geoscientists increased by approximately 6.2%. Engineer-in-Training registration remained neutral while there was a small increase in Geoscientist-in-Training registrations in 2015. The growth of Permits to Practice also increased in 2015, growing by 5.07%.

The Experience Review Committee (ERC), a sub-committee of the Registration Committee, has also been busy in 2015. The ERC completed an assessment of 12 files in 2015, and have continued with assessments in 2016.

The Limited License Assessment Committee (LLAC), also a sub-committee of the Registration Committee, has been busy as well in 2015 evaluating nine new applications for limited licensure.

Thank you to all those PEGNL licence holders who have helped with the ERC and LLAC review and interview process. Thank you to all members of the Registration Committee as well for their time, dedication, and expertise. Volunteers are vital to the successful function of organizations such as PEGNL.

REGISTRATION COMMITTEE

EXECUTIVE

Dr. Steve Piercey, P. Geo. (Chair)
Terry Gardiner, P. Eng. (Vice Chair)
Dr. Leonard Lye, P. Eng., FEC (Vice Chair)

2015 MEMBERS

Dr. Octavia Dobre, P. Eng.
Randy Gillespie, P. Geo.
Nick Gillis, P. Eng.
Dr. Ray Gosine, P. Eng., FEC
Dr. Amy Hsiao, P. Eng.
Kim Kieley, P. Eng., FEC
Darin LeBlanc, P. Eng., FEC
Paul McDonald, P. Eng., FEC
Gary Murray, P. Eng.
Paul Nolan, P. Eng., FEC
Dr. Derek Wilton, P. Geo., FGC

EXPERIENCE REVIEW COMMITTEE

Terry Gardiner, P. Eng. (Chair)
Randy Gillespie, P. Geo. (Vice Chair)
Dr. Leonard Lye, P. Eng., FEC (Vice Chair)

LIMITED LICENSE ASSESSMENT COMMITTEE

Gary Murray, P. Eng. (Chair)
Randy Gillespie, P. Geo. (Vice Chair)
Darin LeBlanc, P. Eng., FEC (Vice Chair)
Derek Brown, P. Eng.
Bob Forbes, P. Eng.
Dr. Eric Gill, P. Eng.
Bill Maybee, P. Eng.
Chris Soper, P. Eng., FEC

STAFF REPRESENTATIVES

Geoff Emberley, MBA, P. Eng.,
FEC, CEO & Registrar
Mark Fewer, B. Comm.,
COO & Deputy Registrar
Lesley Oakley, Registration Coordinator

A special thank-you to Dr. Dobre and Dr. Hsiao, who completed their terms with the committee in 2015, for their years of service.



PROFESSIONAL STANDARDS DIRECTOR REPORT 2015

Janet Bradshaw, P. Eng., FEC

Allegations and Disciplinary Activities

At the beginning of 2015 there was one active discipline file which was in the process of attempted Registrar Resolution. During 2015 three new allegations were received by the Registrar. Of these four cases two were settled by Registrar Resolution and the other two, which had been received late in December, were in the preliminary steps of the discipline process. These two would ultimately be referred to the Complaints Authorization Committee early in 2016.

Compliance and Enforcement Activities

Compliance and enforcement activities are mainly proactive and are focused on ensuring that individuals and firms are made aware of the requirement to obtain appropriate licensure. PEGNL has a full time Compliance Officer who conducts these activities.

National Discipline and Enforcement Activities

The Discipline and Enforcement (D & E) staff at Engineers Canada and the D & E representatives from the provinces and territories met in person in June 2015 and by conference call in November. There is a high level of co-operation among D & E officials across the country, largely fostered by Engineers Canada.

Practice Standards and Guidelines Activities

During 2015 PEGNL completed a draft revision of the Practice Guideline for Authenticating

Professional Documents. Feedback from the licence holders was being sought at the time of writing this report. Revisions to the Professional Conduct Procedure Guideline, which details the PEGNL discipline process, were nearing completion at the end of 2015. It is anticipated that the updated version will be released in 2016.

Ethics and Professional Practice Seminars

The following sessions on ethics and professional practice were held in 2015:

- A two-day seminar delivered four times to applicants preparing to write the National Professional Practice and Ethics Exam.
- An ethics seminar to both Engineering and Earth Science graduating students on the days of the Iron Ring and Earth Ring ceremonies respectively.
- An introductory professionalism and ethics in the workplace lecture delivered twice to engineering students who are about to enter their first work term.

Practice Awareness Presentations

A presentation was made to a Western Chapter Luncheon on the overlap of engineering and architecture in building design. PEGNL's viewpoint on the issue is that the best interest of the public is served by permitting a client to choose among professionals (both engineers and architects) who are experienced and qualified to practice in these areas.



COMPLAINTS AUTHORIZATION COMMITTEE REPORT

Dr. Dennis Peters, P. Eng., FEC

The Engineers and Geoscientists Act, 2008 (the Act) requires the Board of Directors to establish the Complaints Authorization Committee (CAC). The purpose of the CAC is to investigate allegations of professional misconduct against licence holders and permit holders.

The Act gives the CAC the power to:

- 1) Refer the allegation to the Registrar to investigate and resolve in accordance with the regulations.
- 2) Conduct an investigation itself or appoint a person to conduct an investigation on its behalf.
- 3) Conduct a practice review into the licence holders practice.
- 4) Require the licence holder to appear before the committee.

The CAC is responsible for determining whether or not there are reasonable grounds to conclude that a licence holder has engaged in conduct deserving of sanction. If the CAC is of the opinion there are no reasonable grounds to believe the licence holder has engaged in conduct deserving of sanction, the allegation is dismissed.

If the CAC determines there are reasonable grounds to believe the licence holder has engaged in conduct deserving of sanction, the CAC may:

- 1) Counsel or caution the licence holder;
- 2) Instruct the Registrar to file a complaint against the licence holder and refer the

complaint to the disciplinary panel for hearing before an adjudication tribunal or

- 3) In the circumstance of a referral to a disciplinary panel, the CAC may suspend or restrict the licence holder license, until the disciplinary panel has rendered its judgement in the matter.

This past year the CAC has, thankfully, had a quiet year, holding only one meeting to discuss the single case before it. This case has been referred to an investigator who will investigate the facts of the case and present an opinion as to adherence to the relevant standards. This report will be considered by the CAC to inform its next steps.

MEMBERS OF THE CAC FOR 2015 INCLUDE:

Dr. Dennis Peters, P. Eng., FEC (Chair), **Jeff Card, P. Eng.** (Vice Chair), **Dawn Evans-Lamswood, P. Geo.**, **Andrew Peach, P. Geo.**, **Neil Cleary, P. Eng.**, **David Goosney, P. Eng.**, **James Parmiter, B. Comm., MBA** and **David Pine, FCPA, FCA.**

STAFF REPRESENTATIVES:

Janet Bradshaw, P. Eng., FEC, Professional Standards Director; **Geoff Emberley, MBA, P. Eng., FEC**, CEO & Registrar and **Kevena Willmott**, Compliance Officer.

As Chair of the committee I thank the members of the CAC and the staff support for their dedication and diligent work throughout the year in carrying out this important role.



ENGINEERS CANADA DIRECTOR REPORT 2015

Bill Hunt, P. Eng., FEC

Engineers Canada (EC) exists to provide national support and leadership on behalf of its constituent associations to promote and maintain the integrity, honour, interests and excellence of the profession. Over the past 12 months EC has been working on a number of initiatives in order to fulfill its mandate.

One of the primary means of maintaining the excellence of the profession is ensuring the quality of the engineering programs at Higher Education Institutions (HEI) across Canada. The system to assess these programs is currently in transition, and the Canadian Engineering Accreditation Board (CEAB) has been working in close consultation with the National Association of Deans of Engineering and Applied Sciences (NCDEAS) to ensure that any changes to the assessment process maintains the high standards of the Canadian engineering programs. As part of the transition process, the CEAB and the NCDEAS have identified a need to modify the current assessment system. Concerns have been expressed by some regulators that this will lead to a lower standard than the current system. To ensure all concerns were addressed, EC established a Consultation Group to bring this process to an acceptable conclusion for all invested parties. The Consultation Group presented their findings and recommendations in February and are well on the way to achieving their goal.

In 2015, EC announced the formation of the Sustainable Profession Committee. The

committee's mandate is to support a sustainable membership that is reflective of Canadian demographics and; to support the goal of having most CEAB graduates apply for licensure in Canada. The committee will advise on the delivering of partnership-based programs to general audiences in addition to targeted initiatives for women, Aboriginal people and newcomers. The committee's work will be instrumental in achieving EC's 30 by 30 goal. 30 by 30 is EC's commitment to raising the percentage of newly licensed engineers whom are women to 30% by the year 2030.

Also in 2015, EC's Public Infrastructure Engineering Vulnerability Committee (PIEVC) marked a decade of working to improve how engineers assess infrastructure climate risk and vulnerability. The PIEVC developed a protocol to assess infrastructure vulnerabilities in the face of climate change. This protocol makes infrastructure more resilient under extreme weather and other environmental conditions. The assessments help justify design, operations and maintenance recommendations and provide documented results that fulfill due diligence requirements for insurance and liability purposes.

EC is working on many other issues too numerous to mention in this report and we invite you to visit our website at www.engineerscanada.ca for more information. I thank PEGNL for the honour and privilege of serving as their representative with the Engineers Canada Board of Directors.



GEOSCIENTISTS CANADA DIRECTOR REPORT 2015

Jeff O'Keefe, P. Geo., P. Eng.

In 2015 Geoscientists Canada experienced significant momentum in the continued implementation of the organization's 'Moving Forward' strategic plan. It had been approved at the June 2015 Geoscientists Canada Board meeting in Saint John, New Brunswick and work has been ongoing since that time. This plan lays out the strategic objectives to 2018 and provides the constituent associations (CAs), including PEGNL, clarity on Geoscientists Canada's focus and direction.

Some of the other 2015 accomplishments include:

- Completion of the 'Admissions Support Tool' (AST) project was an important item in 2015. This project, funded by the Federal government for the last 30 months, provided the basis for the CAs to agree upon a full spectrum national competency profile for geoscience practice. It also examined possible centralization of admission functions, investigated the use of 'Prior Learning Assessments and Recognition' and studied different approaches used by each association to ascertain that individual courses from different universities were deemed to have met the academic requirements as specified in the 'Geoscience Knowledge and Experience Requirements for Professional Registration in Canada' document. This was rolled out to each CA to utilize.
- Consensus was achieved this year on the new 'Statement of Purpose' for Geoscientists Canada as part of the strategic plan.
- There was more collaboration with Engineers Canada during the year. One example is the joint publication and release of Managing

Transitions which is a document providing guidance for managing professional geoscientists' and engineers' careers.

- Work on the terms of reference for all committees is proceeding forward and will be presented at the Annual Conference in Calgary in June.
- Geoscientist-in-Training (G.I.T) document was commissioned in 2015 for the CAs based on a similar Engineers Canada document, Guidelines for E.I.T Programs. The G.I.T document is a rewrite for geoscientists and will provide a way to bring consistency to G.I.T programs across the country. It will also help recent graduates to qualify for P. Geo. status.
- A new Qualified Professional Short Course was proposed by the Securities Commission to Geoscientists Canada. It has progressed from a proposal to a draft document in the last few months and will be presented to the Board at the annual meeting in June for roll out to the CAs in fall of 2016. It is a one-day interactive course with slide decks, specifically designed for 3rd to 4th year undergraduates (and graduate students) in all geoscience disciplines. The course is designed with the input from professionals to examine and discuss what a Qualified Professional is and review case histories. It will be arranged and offered at campuses free of charge under the auspices of the local CAs.

Overall, in 2015 there was a slight rise in overall geoscience registrations at the Constituent Associations (not including Quebec) of about 1.27% over year end 2014.



AWARDS COMMITTEE REPORT

Dr. John Quaiocoe, P. Eng., FEC

The committee made seven recommendations this year for five awards. As part of those recommendations, the Environment Committee solicited nominations and made a recommendation to the Awards Committee for the Environmental Award.

The Board of Directors considered the nominees and confirmed the following awardees:

AWARD OF MERIT

Darlene Whalen, P. Eng., FEC

Sean O'Brien, P. Geo.

HONORARY MEMBERSHIP

Brian Dalton

AWARD FOR SERVICE

Dr. Leonard Lye, P. Eng., FEC

Sherry Dunsworth, P. Geo.

TEACHING AWARD

Dr. Wei Qiu, P. Eng.

ENVIRONMENTAL AWARD

Stantec & The Town of Torbay – "Using numerical groundwater models as a land use planning tool"

PEGNL licence holder input for nominations is very important. The Awards Committee, therefore, strongly encourages licence holders to submit to PEGNL award nominations at any time. Please consider nominating someone for next year. Details are available on the PEGNL website www.pegnl.ca.

AWARDS COMMITTEE

Dr. John Quaiocoe, P. Eng., FEC (Chair)

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Joanna Barnard, P. Eng.

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Ken Dominie, P. Eng., FEC

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Janet Bradshaw, P. Eng., FEC



ENDOWMENT FUND REPORT

Don Finch, P. Eng., FEC

The Endowment Fund recognizes excellence in engineering and geoscience and provides financial assistance to deserving students.

Each year, with the assistance of MUN's Engineering Faculty and Earth Science Department, Engineering and Earth Science students are encouraged to apply for these PEGNL scholarships and bursaries. Applications are reviewed and decisions are made to provide students with funding based on both the students' applications and the proceeds available from the Endowment Fund.

The Endowment Fund committee members meet on an as-required basis throughout the year to make recipient selections and to re-assess investment strategy for the fund assets.

Assets:

The assets of the fund as of December 31, 2015 were \$498,671, compared with \$543,185 as of December 31, 2014. Endowment Fund assets come from PEGNL licence holder donations (for 2015 this was \$7,847), returns from the asset's investments, and increases in the investments themselves.

Disbursements:

In 2015, the Endowment Fund committee disbursed \$26,500 based both on the performance of the fund and contributions from licence holders, compared to \$23,000 in 2014.

Disbursements to Memorial University Engineering and Earth Science students were as follows:

- Engineering Bursaries - three @ \$2,000 each and five @ \$1,500 each: total \$13,500.
- Earth Science Bursaries - three @ \$2,000 each and three @ \$1,500 each: total \$10,500.
- Excellence Scholarship - one @ \$2,500.

We have been informed by students that the bursaries are very important to their ability to attend university and to do well.

Please contribute to the Endowment Fund at any time in the year.

Respectfully submitted,

Don Finch, P. Eng., FEC (Chair)

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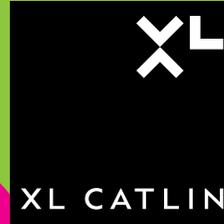
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