

THE NOVA SCOTIAN SURVEYOR

Fall 2013

No. 194



**ACADIAN DYKE BUILDING
PRE - 1755**



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PRESIDENT'S REPORT

Rebecca Ritchie, NSLS



This has been quite a year.

We were able to make it to the AGM's in New Brunswick, British Columbia, Alberta, Newfoundland, Prince Edward Island, and Manitoba. Vice President, Cyril LeBlanc, attended in my place at the Ontario and Quebec conventions. Our Executive Director, Fred Hutchinson, attended the Association of Canada Lands Surveyors meeting for me at Niagara Falls, with Andrew Morse stepping in for Fred at the Presidents' Forum.

I reported on the New Brunswick and British Columbia meetings in the spring issue of the Surveyor. On just re-reading my report, I realized that the name of the young woman who was our hostess at the AGM in British Columbia should have read "Bronwyn Denton, BCLS" I had used her maiden name, "Cox". My apologies to Bronwyn.

In April, the Alberta convention was held at the Fairmont Jasper Park Lodge. On President Connie Peterson's suggestion, we flew into Calgary, rented a car, and headed up into the Rockies to travel along the Icefields Parkway to Jasper. The scenery on the drive through the mountains was spectacular. We were lucky to have clear skies and fine weather.

On the first day of the meeting in Jasper, the keynote speaker was Kevin Burns. He addressed us on taking responsibility – basically, don't wait for something to happen to make you happy or successful. Take charge of your life. His message was given in such a way that it was not only inspiring but entertaining as well. Kevin's address was followed by several seminars that ran concurrently over the course of the day.

In 2012, the Alberta Land Surveyor's Association had 433 members and an impressive 110 Articling Pupils.

It is interesting to note that the Association's annual budget for the year 2012 to 2013 was around \$2,800,000.00. The Alberta meeting was extremely organized, informative, and entertaining. And, as usual, our belts had to be let out a few notches for our flight home to Nova Scotia.

May found us winging our way to St. John's, Newfoundland, where we rented a car and drove to Gander, the location of the AGM. The first day of the meeting was given over to the same management workshop that was offered in Nova Scotia, "*Accelerate Your Business.*" On the second day, we attended a presentation on the James Cook survey of the shoreline of Newfoundland. When you consider the date of the survey (mid 1700's), the equipment available to him, and the ruggedness of the coastline, the accuracies he achieved were truly remarkable.

During the business meeting, one of the topics that received a lot of discussion was the Mandatory Professional Development program, which started January 1, 2013. The discussion centred on what the penalties would be for non-compliance, and whether or not it could ultimately result in loss of license.

A second topic of discussion was winter pinning. Apparently, in some areas of the province that receive major snowfall, some surveyors do not place survey markers at the time of the survey but do show them on their plans as placed in order to get approval. Supposedly, they return when the snow has melted and then place markers. Council felt that this practice is approaching fraud and may possibly be considered professional misconduct.

On the first evening, we had the dubious pleasure of becoming honorary Newfoundlanders. The ceremony involves "kissing the cod" followed by a shot of "Newfoundland's finest rum", Screech. Unfortunately, there is not enough Screech in all of Newfoundland to get the taste of the cold, oily cod off a person's lips.

At the last luncheon, the guest speaker was the Mayor of Gander who told of how the town and surrounding areas handled the incredible influx of people into Gander during the 911 crisis. The generosity and kindness shown by the Newfoundland people was both inspiring and heartwarming.

On the day after the conclusion of the Newfoundland meeting, we travelled by car and ferry to Fogo Island. We stayed overnight in the tiny village of Tilting where many of the old Irish customs and language remain in use. The Fogo Island landscape is mostly bare rock with some

ponds and scrub brush – very unfamiliar to someone from the Annapolis Valley, but very beautiful, even in its' harshness.

At the June meeting of the Prince Edward Island Land Surveyors in Charlottetown, the seminar was entitled "Riparian Boundaries." The speaker gave an animated presentation on how changes to a watercourse could affect ownership to the abutting land. A number of people who were not land surveyors also attended.

The last AGM we attended was held in Winnipeg in September. The absolute flatness of the prairies, and the wide, open skies were incredible, as was the friendliness of all the people we met.

On the first day, we were treated to a guided tour of Winnipeg. First stop was at a beautiful park which included a zoo, lovely flower garden, and another garden which showcased bronze sculptures by artist Leo Mol. We then toured the areas known as the Forks and the Exchange, where many old buildings, mainly warehouses from the hey-day of the railway, are being updated and converted into shops, condos, and restaurants, etc. We lunched at a restaurant suspended from a single pole and attached to a pedestrian bridge that spans the Red River.

On Thursday, the guest speaker at the luncheon was The Honorable Jim Rondeau, Ministry of Consumer and Corporate Affairs and Healthy Living. Minister Rondeau confessed that he had never fully understood why surveyors were important (after all, can't everybody measure distances?) until he recently had to hire a land surveyor himself. Now he has seen the light, and strongly urged us to be more proactive in educating the public about our profession.

Another important consequence resulted from Minister Rondeau's enlightenment. He promised that the new Act, which the Association of Manitoba Land Surveyors have been trying to get pushed through the Legislature for more than ten years, will go through by December 5, 2013. Congratulations to Manitoba.

At each AGM, a Presidents' Forum is held which allows for an update from each President as to what is going on in their Association. At all but one of the Presidents' Forums that I have attended, a great deal of time has been spent discussing Professional Surveyors Canada (PSC).

PSC is struggling for survival and has been looking for funding suggestions. One that has been discussed is having mandatory "all in" membership with the fees collected as part of the dues, or as a levy, by each Association.

Saskatchewan and New Brunswick have already agreed to support PSC in this way. In the case of New Brunswick,

the members have agreed to an amount of \$200.00 + HST for five years, beginning January 1st, 2014, with the right to change fees according to PSC needs. Ontario is bringing a similar scenario to its' members.

Also in Ontario, the Land/Property Registry has been sold to a private company, Teranet. Teranet has also purchased Manitoba's Property Registry for \$75 million, and intends to spend \$35 million more to upgrade the system. The Manitoba government will retain ownership of the survey records and titles, and will still be the one to set rates.

At a recent meeting that a number of our Council attended with our Registrar General, Norman Hill, we learned that twice, Teranet has tried to acquire our Registry and, twice, Mr. Hill has managed to persuade our government to retain ownership. Hopefully, he will continue to be successful but we need to be vigilant on such matters of public interest.

In closing, I thank the membership for allowing us to have the opportunity to travel the country, meet other surveyors, and see their Associations in action.

I also thank all the members of Council for their support and understanding during my term as President. Without their help and backing, this year would have been much more stressful than it was. Getting to actually know each of them, rather than just recognizing a face at an AGM, has been the most wonderful part of this whole period.

Special thanks to Fred Hutchinson, Carl Hartlen, and Jody Izenor, who handled all my frantic calls, wrote letters, sent emails, and generally kept me calmed and on track.

Also, thank you goes out to my children, Amy, Meg, and Jimmy, to Bub's daughter Kristal, to his sister-in-law, Cassie, and to his long-time employee, Mike Smith, for all the times they took care of my animals. Their kind generosity allowed me to attend the "away" meetings and not have to worry about my four-legged responsibilities.

Our office support staff of Kim and Cathy graciously accepted the challenge of typing my scribbled, hand-written reports. Thank you both.

My biggest thanks goes to Bub (Art Backman, NSLS, # 474). Without his guarantee of support, I would never have considered taking this on. He booked flights and car rentals, did all the driving, kept me from getting lost in hotels, and stayed by my side all of the time. To be able to share this year with him has been wonderful. I'm sure we will reminisce about our experiences for the rest of our lives.

As I said, this has been quite a year. 

EXECUTIVE DIRECTOR REPORT*F.C. Hutchinson, BA, NSLS, CLS*

Our 63rd annual general meeting is just around the corner and a whole career has passed since my first meeting as a member in 1971. Never did I expect to be serving as the Survey Review Department Manager or Executive Director of the Association, since neither position existed in 1971.

My planned retirement is on hold until the spring of 2014. This decision works for me personally at the present time and I hope for the Association as well.

Our new Act was proclaimed on September 10, 2013, along with our Regulations. That action also brings into force our new By-laws, Code of Ethics and Standards. A learning curve for all is certainly in order since our previous legislation dates back to 1977 with some revisions. We are dealing with new legislation now and not just revisions to existing documents.

The membership can now create and approve survey standards without having to seek Government approval. Our new Council will be represented by an elected executive, a lay appointment, a DNR appointment and four councillors representing the four new Provincial zones. The Complaints and Hearing (former Discipline) Committees will also have a public representative appointed. Student members will now be classified as candidate members and the Board of Examiners will no longer have a Ministerial appointment, an appointment from the Nova Scotia Barristers' Society or Engineers Nova Scotia.

I would like to thank Bruce MacQuarrie, NSLS, for serving as the Ministerial appointment for the past several years, as well as Kevin Brown, P.Eng., NSLS, PEILS, from Engineers Nova Scotia, and Bruce Gillis, QC, from the NS Barristers Society. It is noteworthy to acknowledge that Bruce has served on the Board of Examiners for the past 36 years and has been a great resource to the Board. Thank you all!

There is still a lot of administrative work for Council and committees to complete. Attention is required to the Board of Examiners' Handbook, Survey Review Department Manual, Council policies, Staff/Office Policy Manual, Fair Registration Practices Act compliance, as well as lay appointments to Council, and the Complaints and Hearing Committees.

It appears that we are in need of a revision to our new Regulations with respect to the Complaints and Hearing Committees. The Act states that the committee composition will be defined by Regulations. We initially had the composition in the Act and that was removed by Government suggestion and intended to be inserted in Regulations. That issue appears to have slipped by everyone and only noticed after the approval on September 10, 2013. So....with hat in hand, we humbly approach the Governor in Council (Cabinet) for an amendment to the Regulations. A tad embarrassing but a necessary action.

The bank of questions for our jurisdictional examination also requires attention since about two thirds of the examination is based on Association legislation. This is a priority under the Fair Registration Practices Act and Chapter 7 of the Agreement on Internal Trade, in order to serve "labour mobility" candidates as well as our regular candidate members. A. E. (Sandy) MacLeod, B.Sc., B.Ed., NSLS, has been the member responsible for setting and marking the jurisdictional examination for the past several years. I would also like to acknowledge the work of the Late Rick Surette, NSLS, #444, who reviewed and edited the 314 page text document of all Provincial statutes deemed relevant to our profession and used in the examination process.

As secretary of the Board of Examiners, I have the pleasure of working with the candidate members as they go through the process of academic qualification, completion of articles, jurisdictional exam, as well as project assignment and review. Upon completion and approval of the Board, I have the honour of signing the new member's certificate of membership. That honour has been extended to about 25% for our existing membership.

I wish all the very best as we wait for the first blanket of snow to cover the fallen autumn leaves. 🍂

CANDIDATE FOR VICE-PRESIDENT*Thomas F. Giovannetti, P. Eng., NSLS*

Thomas F. Giovannetti, P. Eng., NSLS #598, received his diploma of Survey Technology in 1977 and a baccalaureate in Surveying Engineering from the University of New Brunswick in 1985. Tom has been employed continuously in land surveying services since starting with Frank Longstaff, NSLS #279, in 1973 and started his own company, Civtech Engineering and Surveying Limited, in 1987. Tom has worked in several provinces and practices in many counties of Nova Scotia from his summer home in Cumberland County and from his main office in Dartmouth. Tom enjoys boating and skiing and resides with his wife Kathy in Dartmouth, Nova Scotia.

Since 1998, Tom has served as Chair of the ANSLS Regulations Committee, vice president, president, past president and Chair of the Administrative Review Committee. Tom also served as Chair of the APENS Act Enforcement Committee for four years.

Tom's slogan "**Our Issues Matter**", expresses succinctly his concerns about the continuous erosion of professional land surveying in both the private and public sectors. Tom has voiced his opinion in his travels as president and was present in contributing an opinion to the first CCLS Future Task Force Think Piece meeting in Ottawa and since has joined as a Charter Member of Professional Surveyors Canada.

Tom's experience as an active participant in our association's affairs includes but not limited to:

- First President to deal with non-compliance by members of the MCE program;
- Participated as President in a LRA presentation to the Liberal and NDP caucuses;
- Provided a response to a letter addressed to the Association by Mark Coffin, Register General of Land Title Services Nova Scotia in regards to concerns raised by our Council;
- Attended a meeting with the Bar Society to discuss concerns of the association in regards to preparation and amendments to parcel descriptions of which ended with a signed agreement between the Nova Scotia Barristers' Society and The Association of Nova Scotia Land Surveyors;
- Monitored bills being presented in the Legislator to ensure there is, or would be, no conflict with the Surveyors' Act and appeared before the Law Amendments Committee;
- Monitoring bills before the Provincial Legislature to ensure no conflict with the Land Surveyor's Act and appearing before the law Amendments Committee regarding these conflicts;
- Consulted with the Canadian Board of Examiners and our council in regards to an invitation to join the new federally incorporated body;
- Provided input as President regarding Trade Investment and Labour Mobility (TILMA);
- Presented the user pay concept to the membership as an alternative to increased dues;
- Engaged an independent consultants review of the associations administration;
- Spearheading the movement to preserve the 51% ownership regulation for land surveying companies in our new Act;
- Attended zones to discuss the ownership issues being presented in new Surveyors' Act;
- Successfully promoting and defending the retention of the 51% rule at individual zone meetings and at the special general meeting held to discuss our new Act;
- Successfully presented a motion and having it approved by the membership creating a committee to consult with the government on existing and proposed acts of the legislature affecting our profession.

Tom is keen in developing opportunities for the profession in the manner that Land Surveyors provide services to other professions and to the public, has been a promoter of innovative Consulting Land Surveying Services and has been a national voice to represent our concerns to industry and government. Tom's experience in practicing land surveying in many districts of Nova Scotia as a private surveyor is a strong point of his understanding of local issues encountered by other surveyors.

Tom recognizes that being vice president or president of an association is not about winning a popularity contest as much as it is about providing fair and strong leadership for our profession.

Tom's experience working in other parts of Canada and his national contacts with other land surveyors across our country would provide a strong voice representing all Nova Scotia Land Surveyors.

Tom asks for your support in his campaign to become vice president of our association and promises to act on your behalf by addressing your concerns. Tom's track record in dealing with our issues when on council demonstrates that he is ready, willing and able to champion and solve the issues affecting us all today; because in the end, our issues do matter. 

Notes from the Side of the Road



E.J. (Ted) Webber, NSLS # 349 is employed with Allnorth Consultants Ltd. in Dartmouth on a part-time basis.
 Clinton Garland, NSLS # 438 has retired from Halifax Regional Municipality and is working privately.
 Bert Losier, NSLS # 620 has retired from Public Works & Government Canada Services.
 Greg Smith, NSLS # 527 has retired from Department of Natural Resources.
 Grant MacDonald, NSLS # 459 is currently receiving chemotherapy and radiation treatment.
 Norval Higgins, NSLS # 475 has recently undergone chemotherapy treatment.

NEW MEMBERS

Michael J. MacMaster, NSLS # 649, has received his commission on July 31, 2013 and is currently employed with Allnorth Consultants Ltd. in Dartmouth, NS.
 Rodney A. MacLean, NSLS # 650, has received his commission on September 12, 2013 and is currently employed with Thompson Conn Ltd. in North Sydney, NS.

NEW STUDENTS

Adam Stephens, OLS, CLS, has joined as a student member in August and is currently with Focus Surveys in Truro, NS.
 Paul Lewis, CLS, has joined as a student member in August.
 Matthew Berrigan has joined as a student member in August and is currently with Whyte, McElmon & Associates Ltd. in Halifax, NS.
 Robin Ash has joined as a student member in September and is employed with DNR and articling with Bruce MacQuarrie, NSLS # 570.

CANDIDATE FOR VICE-PRESIDENT*Kirk T. Nutter, NSLS, CLS*

Kirk was born in Moncton, NB in 1953 and moved to Truro in 1965. After graduating from high school in 1971, he attended NSLSI and received his Certificate in Cartography in 1972. He then went to Toronto Ontario and graduated from Ryerson Polytechnical Institute and received his certificate for Mathematics II Program in 1973. He later returned to NSLSI and graduated in 1975 and then received his NSLS commission in November 1977.

Kirk also had additional training at Dalhousie in dBase III, Micro-based UNIX and MicroStation GIS Environment System Nucleus Training. Kirk later received his CLS commission in 1992.

Kirk is a Commissioner of Supreme Court of NS.

Kirk is currently serving on the Complaints Committee and has served as Councillor for Zone 6 in 2008.

Kirk enjoys hunting and fishing and entertaining his 4 grandchildren and resides in Lantz with his wife Sharon.

Kirk Nutter has worked with the same office since 1975 and has gained years of valuable experience to his current role as Project Manager in Genivar's Survey Division.

Kirk's careers:

Land surveyor with Wallace, MacDonald & Lively from 1975 – 1980;

Vice-President/Director of surveying with Terrain Group Inc. from 1980 – 2001;

Project Manager/Senior Surveyor with Terrain Group Inc. from 2001 – 2010;

Project Manager//Senior Surveyor with Genivar Inc. from 2010 – Present.

Kirk provides services as an advisor to the insurance industry regarding claims against Nova Scotia Land Surveyors relating to boundary surveys, as well as a providing expert witness services regarding court cases involving boundary disputes

In practice of subdivision design, topographical and legal surveys, and Condominium surveys and plans.

Kirk's project experience in topographical and legal surveys:

Seven Lakes, Porters Lake, NS (2009-2012): 640 unit bare land condominium survey.

Renfrew Ridge, Enfield, NS (2009-2011): bare land condominium survey.

Deep Cove, Lunenburg, NS (2007-2009): bare land condominium survey.

Whispering Creek, Wolfville, NS (1996-2009): bare land condominium survey.

Halifax International Airport North Apron Expansion, Goff, NS (1992-1993): supervised topographical surveys for engineering design and subsequent quantity measurements for contractor payment.

Pockwock Watermain Extension, Pockwock, NS (1998): legal and topographical surveys

CFB Greenwood, Greenwood, NS (1996-1998): topographical surveys and construction layout for 14-wing expansion.

Halifax International Airport, Goffs, NS (various): flightway zoning encroachment survey.

Halifax Regional Landfill Site, Upper Sackville, NS (1978): legal, topographical, quantity and monitoring surveys relating to the development, expansion, and eventual decommissioning of landfill.

Supervision of all aspects of legal surveys and topographical surveys for construction layout and engineering design for major subdivisions in Halifax Regional Municipality and Municipality of the District of East Hants.

- Voyageur Lakes, Hammonds Plains, NS (2008-2012)
- Glen Arbour, Hammonds Plains, NS (2007-2012)
- Renfrew Ridge, Enfield, NS (2007-2012)
- Oakfield Woods, Oakfield, NS (2006-2012)
- Lakecrest Acres, Upper Sackville, NS (1998-2012)
- Avalon Park, Portuguese Cove, NS (2008-2010)
- Fairmount Ridge, Halifax, NS (2000-2007)
- Glengarry Estates, Timberlea, NS (1994-2005)
- Heritage Hills, Eastern Passage, NS (1995-2000)
- Ridgevale Village, Bedford, NS (1984-1994)
- Riverside Estates, Lower Sackville, NS (1985-1990) †

CANDIDATE FOR COUNCILLOR - ZONE 1

Raymond V. Pottier, NSLS



Ray was born in Belleville, Yarmouth County, NS, in 1957. He has over 34 years of experience in legal surveys, hydrographic surveys, offshore positioning and geodetic surveys. He received his Commission as a Nova Scotia Land Surveyor in 1985.

Ray began his surveying career positioning offshore oil rigs in the Beaufort Sea. Over the next 14 years he worked on a number of different survey projects that took him around the world to such varied locations as Egypt, Brazil and Australia to name a few. For the last 20 years Ray has been working on legal surveys in Nova Scotia, first in private practice and more recently as a Crown Land Surveyor for the Nova Scotia Department of Natural Resources in Tusket, Nova Scotia.

Ray has been active in the Association of Nova Scotia Land Surveyors where he has served on a number of committees, two terms as Councillor for Zone 1 and President of the Association of Nova Scotia Land Surveyors. He also represented the Association as Nova Scotia Director on the Canadian Council of Land Surveyors for a three year term. Ray has served as President of the Association and is currently on the Board of Directors of Professional Surveyors Canada. Ray was also presented with the Surveyor of the Year award at the 2004 Association Annual General Meeting.

Ray is active in his community as well, where he is a member of the local council of the Knights of Columbus and he was President of the Pottier Family Reunion during the World Acadian Congress held in Nova Scotia in July 2004.

Ray makes his home in Belleville, NS where he resides with his wife, Cathy. Ray and Cathy have two grown daughters. As an avid outdoorsman much of his leisure time is spent hunting, fishing, kayaking and canoeing. †

CANDIDATE FOR COUNCILLOR – ZONE 2 – Andrew Morse, NSLS

Andrew grew up on a beef farm near Greenwood, NS. He became interested in the survey profession when a local land surveyor and family friend subdivided his parent's lot. Having an interest in computers, working outdoors and mathematics, land surveying seemed like a good fit. He attended COGS in the fall of 1999 and continued to UNB in the fall of 2001.

After graduating in 2005 with a B.Sc. in Geodesy and Geomatics Engineering, he started his training with Terrain Group Inc. After articling for 4 years under Kevin Brown, NSLS # 601, he received his NSLS designation. In 2010 he received his P. Eng designation.

Andrew now lives in Cole Harbour and is still employed with the same office, which is now GENIVAR Inc. in Dartmouth, NS. †

CANDIDATE FOR COUNCILLOR - ZONE 3 - Blake Beaton, NSLS

Blake is a native of Judique, Cape Breton and now resides in Antigonish. He is a graduate of COGS in 1993 as a survey technologist. He then attended the University of New Brunswick, where he graduated in 1998 with a Bachelor of Science in Survey Engineering.

After graduation, Blake worked with Fugro Jacques GeoSurveys, in Dartmouth, as an Offshore Survey Engineer for 6 years. Blake received his certificate from APBELS in 2003 and then pursued his Land Surveying career by moving to Sydney in 2004.

Blake mentored under Paul Harvey NSLS #509, (owner of Harvey Surveys & Island Surveys) where he obtained his NSLS Commission in 2007. Blake is also a registered Professional Engineer since 2006 and presently works for HJS Consultants Inc. as Survey Manager since 2008.

Blake and his wife Deanne are happily raising three girls Kara, Jenna and Krista and volunteers his time coaching them in minor hockey and minor soccer. †

CANDIDATE FOR COUNCILLOR – ZONE 4 – Ray MacKinnon, NSLS

Ray was born and brought up in Sydney. After graduating from NSLSI in 1976, he worked with Lands and Forests while articling with Wayne Hardy. Ray received his NSLS commission in 1978 and remained working with Lands and Forests until 1981. After retiring from Lands and Forests, he worked in private practice.

Ray has previously served three terms as a Zone 5 councillor. He also has been involved as a coach in Sydney Minor Baseball and Sydney Minor Hockey along with having been active in church committees.

Ray and his wife Rita have two sons John and Daniel. Ray and Rita enjoy their trailer in Dunvegan and Ray loves skating and square dancing. He also has a hobby of collecting biographies and autobiographies. †

MCE Committee Report

Generally, reporting is very good and the evaluation of forms is much simpler than it was in the earlier stages of the Mandatory Continuing Education program. Members seem to understand the requirements of the MCE program and how to complete the form. Lack of adequate information is the main difficulty with reviewing the forms and assessing points for activities. The ANSLS sponsored events (AGM, zone meetings, council meetings, seminars) are usually quite clear.

Other activities and training often do not have sufficient descriptions, or hours of participation provided to allow the committee to effectively evaluate the activity.

Some comments were received from members relating to the inability to change/edit certain portions of the submission form excel file. Some minor changes will be made to the submission form file which will be provided to the membership for the next reporting period.

The results of the most recent review of the 2012 submissions are as follows:

There were 155 members participating in the program at the end of the most recent three year cycle. This number fluctuates from year to year due to membership changes (new members, reinstatements, retirements, resignations, etc.).

Of the 155 participating, 15 members (10%) did not meet one of the minimum requirements (i.e. 30 points in Category 2 or 100 total points).

Category 2 point deficiencies were as follows (30 points required):

Category 2 average deficiency = 8 points

Category 2 maximum deficiency = 15 points

Category 2 minimum deficiency = 4 points

Total point deficiencies were as follows (100 points required):

Total point average deficiency = 11.1 points

Total point maximum deficiency = 31 points

Total point minimum deficiency = 0.5 points

The MCE Evaluation Committee's recommendation to Council is to require the members who have not met the minimum requirements of the program in any year, acquire the points required to make up the deficiency in the following year, in addition to satisfying the minimum requirements for the year.

Buster Davison, NSLS

Chair, Mandatory Continuing Education Evaluation Committee

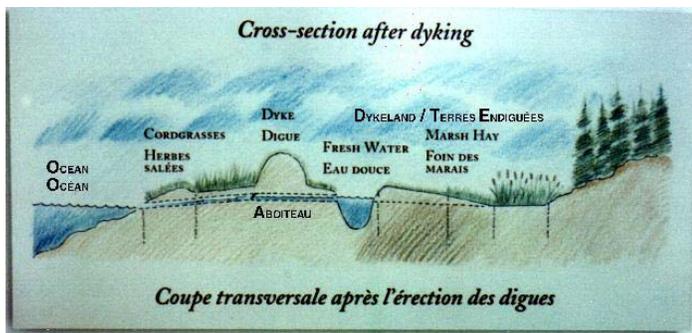
Board of Examiners Report

- Conference call December 13, 2012 to discuss approval of an articling agreement.
- February 25, 2013 review of status of all student members with approvals as required. Review of an existing articling agreement revisited and a grievance by member due to his student's employment departure. Letter to member and Council of Board's position with regard to the existing articling agreement.
- Mike MacMaster, NBLs, NSLS was sworn in as member # 649 on July 25, 2013 under the labour mobility agreement.
- Conference call September 5, 2013. Approval of student memberships and articling time. Draft of motion dealing with experience for the presentation at the AGM.
- Review of student articling agreement with proposal for changes and subsequent approval by Council on September 12, 2013.
- Rodney MacLean, NSLS was sworn in as member # 650 on September 12, 2013 after having met all requirements including his required articles with Ken Whalen, NSLS.
- The Board assigned four student projects since or last AGM, and have accepted four new student members.
- The special examining committee reviewed and approved two student projects this past year.
- Student member, Jenny Magee, has met all of the Board's requirements for membership and will be sworn in as NSLS # 651 on October 18, 2013 after the opening of the AGM.

John C. MacInnis, NSLS

Chair, Board of Examiners

MARITIME DYKELANDS The 350 Year Struggle



The history of the dykelands of the Maritime Provinces of Canada is as rich and deep as the fertile red soil that sustains them.

First came tremendous tides, surging up the Bay of Fundy, spreading layer upon layer of silt over the shores of its sprawling estuaries and along the river banks. Over thousands of years, the tides built sediment to depths of more than 40 metres. On the surface, vast rippling mudflats stretched from low-tide line toward the upland, turning to saltmarsh where the high tides reached.

The first dykes in the Province were constructed by the Acadians at Port Royal (now Annapolis Royal) in the 1630's. A small band of French settlers, who were already familiar with methods of dyking practiced in France, recognized the agricultural potential of the tidal saltmarshes. They dyked and drained a few acres of saltmarsh and the dykeland could produce abundant crops year after year without help of fertilizer. Farmland that could produce two tons of hay or 50 bushels of wheat in a season, soon became the means of providing most of the colonists' food and clothing, and allowed a distinct Acadian society to prosper and grow.

The new settlers moved quickly to build dykes along the outer marsh areas. These dykes were built by cutting a trench in the existing sod called a key and then placing soil over this area. These dykes were narrow and steep sided. To prevent erosion of these steep sided dykes, sods, cut like brick, were placed on the side of the dykes. The purpose of the key was to

stabilize the dyke and prevent water from seeping along the sod layer under the dyke.

To harvest the wealth of the tidal soil, the Acadians learned to work between the tides in the slippery marsh mud. They built earthen, sod covered dykes just tall enough (about 1.5 m) to keep out high water. To drain the dyked marsh, they invented the *aboiteau*, a log sluice with a hinged gate inside it. The gate would open to let the fresh water out when the tide was low but close against the tide coming in. An aboiteau would be placed in a creek bed and covered with layers of brush and earth until the channel was blocked to an elevation above the level of the highest tides.

Beginning close to the upland, the Acadians created a few acres of farmland at a time, extending the dyked land slowly toward the outer edge of the saltmarsh.

The dykelands supplied the basic needs of the Acadians so well that they largely avoided clearing the upland. In fact, when all available marsh had been dyked along the Annapolis River, the colony expanded to other marsh areas around the Bay, rather than using available upland nearby.

The New Englanders, who settled on the vacant Acadian homesteads after the Expulsion, were upland farmers, unfamiliar with dykeland agriculture. They arrived to find dykelands flooded with saltwater by a severe storm in 1759 which had badly damaged dykes and aboiteaux. Although they turned to clearing the upland for many of their crops, the New Englanders always valued dykeland for hay and pasture, and used marsh mud as an upland fertilizer.

Over the next two decades came Germans, Yorkshiremen and a huge influx of Loyalists. By the early 1800's, these immigrants and their descendants had not only recovered most of the tidal land once protected by the Acadians, but had begun to create new dykeland, sometimes on a large scale.

Marsh owners in the Canard, Nova Scotia area, reclaimed 214 hectares (528 acres) of new farmland in one piece when they completed the Wellington Dyke in 1825 after eight years' work.

The Etter Aboiteau, finished in 1840, protected hundreds of hectares of tidal land along the Aulac River from the tides of the Cumberland Basin. All owners of a marsh body, a unit of land naturally covered by saltmarsh, shared the costs of dyke-building and maintenance by contributing labour, money or materials.

During the nineteenth century, as horses became the main source of power for the region's prosperous mining and logging operations, and for most land transportation, hay became an increasingly lucrative cash crop. By the early 1900's, there were markets for Fundy hay as far away as Boston. In 1921, prices had reached more than \$25.00/ton. Where large tracts of dykeland could be devoted to hay, as in the Tantramar Marshes, or at Minudie, some owners made small fortunes.

But the bubble burst during the 1920's, as fossil-fuel engines replaced horsepower as North America's main source of energy. The price of hay fell to \$6.00/ton by 1938 and the value of dykeland slid to \$65.00/hectare by the 1940's. Many hay fields brought into production for the boom were abandoned, leaving the burden of maintaining dykes and aboiteaux to the dykeland owners on each marsh body who wanted to continue working the land. Sometimes the job was beyond their resources.

By the late 1930's, all dykeland areas - even those where the owners had not concentrated on exporting hay - were suffering from the effects of the world-wide depression. Drainage ditches clogged up, dykes leaked and aboiteaux sagged. On some marsh bodies the protective works failed completely, sending acres of long-dyked soil out to sea. Thousands more hectares of the region's best farmland threatened to disappear. The crisis was too serious for dykeland owners to handle alone. In 1943, the Experimental Farms branch of the Federal Department of Agriculture set up an emergency program to meet the situation. The cost of dykeland repairs in New Brunswick and Nova Scotia would be shared equally by the owners, their provincial governments and the Federal Government. A two-man staff would arrange and oversee all the work in both provinces.

With this three-way program, "came the first wide use of modern machinery in dykeland construction." Although long thought too heavy for slippery marsh mud, bull-dozers and draglines did the bulk of the work on several major projects. Even with the help of this break-through, however; it became obvious that the scope of the emergency program was too small. Dykes and aboiteaux were failing faster than the owners and the program's tiny staff could patch them up, and only a massive reconstruction effort would save the day.

The size of aboiteau existing at any one location will depend on the amount of acreage that has to drain out through the aboiteau. Sizes vary from an 8" diameter pipe to two - 16' x 20' electrically operated gates at the Avon Causeway. Except for the Avon Causeway, the remaining aboiteaux are all fitted with simple flap gates. During the 1950's, when major rebuilding of the dyke system was carried out by the federal government, most aboiteaux were constructed of wood. Today, many of these wooden structures have deteriorated to the extent that replacement was necessary.

The most common material being used to construct aboiteaux today is high density polyethylene pipe. In many cases this pipe is used to reline the existing wooden structures. Nova Scotia's dykelands are under the control of eighty-two individually incorporated Marsh Bodies. All persons who own land protected by the dyke are members of the Marsh Body.

The Province and Marsh Body were given the responsibility of improving the internal drainage on the dykelands. Over a 20 year period, 43,500 acres of land in Nova Scotia was protected and 37,300 acres in New Brunswick, building a total of 232 miles of dyke. During this time a number of causeways were also built, two in Nova Scotia, the Avon and Annapolis Causeways.

In 1948, the Federal Government created the Maritime Marshland Rehabilitation Act to mount a comprehensive long-term program for preserving the region's dykelands. Under the Act, the Federal Government would build and maintain dykes and aboiteaux, and the three Maritime Provinces would

provide liaison with landowners to look after the main drains and promote land-use programs.

Based in Amherst, Nova Scotia, the 70-member staff of the Maritime Marshland Rehabilitation Administration (MMRA) began applying modern engineering techniques to the traditional problems of dykeland construction and maintenance. Draglines and steam shovels replaced dyking spades and draft animals altogether. Over the next 20 years, the MMRA ensured the protection of 18,000 hectares (44,500 acres) of tidal farmland in Nova Scotia and 15,000 hectares (37,300 acres) in New Brunswick, building 373 kilometers (232 miles) of dyke in the process.

A major accomplishment of the Administration was the construction of large tidal dams near the mouths of the Shepody, Annapolis, Avon, Tantramar, Petitcodiac and Memramcook rivers, all bounded by saltmarsh and dykeland. These giant concrete and steel aboiteaux now keep the tides off all lands upstream and eliminate the need for many kilometers of dyke and many smaller aboiteaux.

In 1970 the individual provinces took over all government responsibilities for the dykelands. Since then, one of the major aims of the Nova Scotia and New Brunswick governments has been to increase the amount of dykeland that can be farmed with modern machinery. Tile drainage does not work on dykeland due to slow water movement through these silty clay soils. Small holds have been assembled into larger, more efficient units and through a drainage technique known as landforming. Landforming is a method of draining dykeland soils by surface shaping, with surface sloped at 1-2% over a distance of 140 to 200 feet. At these 140 -200 foot intervals, either a ditch was constructed, or in some cases, a grassed waterway with a slope on it was constructed. This allowed modern equipment to use these larger tracts of land. With the high natural fertility of these dykeland soils they are some of the best agricultural soils in Nova Scotia.

In 2000, the Agricultural Marshland Conservation Act was passed to protect these soils for agricultural purposes for future generations.

Today the total area of 33,000 hectares (82,000 acres) of tidal land protected from saltwater supports the production of hay, dairy products, beef, hogs, some grain and a small but growing amount of vegetables. Surprisingly, much dykeland soil now lies out of production. The market for many of its products is already saturated. However; the situation may be temporary. An increase in transportation costs and an increase in the region's population due to offshore oil development (or other factors), could bring all the available dykeland into production.

Some dykeland owners are not waiting for change, but are testing the market for such produce as canning peas, beans and corn, as well as other specialty crops.

Dykeland has been called a reserve of energy in the form of fertility. As the cost of fertilizers needed for upland farming continues to rise, the value of the same nutrients in dykeland soil increases as well. In the future, some farm operators may increase their efficiency by moving the site of some of their production from upland to dykeland.

The advantages of the tidal lands around the Bay of Fundy are certainly no secret to the agricultural community. Recent sales of dykeland for as much as \$2,500/hectares (\$1,000/acre) indicate a growing appreciation of the region's most fertile soil.

This excerpt is from the book "Maritime Dykelands - The 350 Year Struggle" with editorial additions by the Association of Nova Scotia Land Surveyors.

*The Association of Nova Scotia Land Surveyors
is inviting all members to join us at the
63rd Annual General Meeting and Convention
at the
Old Orchard Inn & Spa Resort
on
October 17 – 19, 2013*

OBITUARIES

DUMARESO, JAMES PHILIP "PHIL", NSLS # 99 - (FRAIC, NSAA, PEng. MEng) – age 96, passed away on May 22, 2013 in Halifax, NS. Phil was born in 1916 and was a survivor of the Halifax Explosion. Phil was the third of four generations in the architectural business for more than 60 yrs of practice. While taking Civil Engineering at NSLSI, his education was interrupted by serving overseas in the Netherlands and Germany during the Second World War. He later retired from the Canadian Army Reserves as a Lieutenant Colonel.

He then continued his studies at the Massachusetts Institute of Technology, where he earned a Master's Degree in Civil Engineering in 1946. He then moved back to Halifax and was hired as the city's Chief Planner. He also received his commission with The Association of Professional Land Surveyors of Nova Scotia in 1948, (retired in 1989 and resigned in 2012). In 1950, he founded J. Philip Dumaresq and Associates which later became Dumaresq and Byrne Limited, one of the largest architectural firms in NS. Phil later joined his son, Sydney, at SP Dumaresq Architects Limited. Phil and Syd worked happily together for 44 years.

In addition to all this, Phil and three other business associates started the Commodore Industrial Estates (first industrial park in NS) and was bought by the City of Dartmouth and expanded to become part of the Burnside Industrial Park. Phil was a member of many associations, Past President of The Nova Scotia Association of Architects, The Royal Architectural Institute of Canada, The Association of Professional Engineers of Nova Scotia, and Charter Member of the Licensed Professional Planners Association of Nova Scotia. Phil received an honorary Doctorate of Engineering from TUNS for his service to the profession and community. Phil was proud to be the #1 Life Member of the Royal NS Yacht Squadron. In addition to supporting professional and sailing associations, Phil served on numerous boards and committees including the Halifax Board of Trade, the Halifax Club, St. Paul's Church, The NS Division of the Canadian Diabetes Association, and the Design and Construction Institute.

Phil left us with the School of Dentistry at Dalhousie University, Sir Charles Tupper Medical Building, Fenwick Tower, War Memorial Gymnasium at Acadia University, several fire stations, and over 100 schools. His other architectural legacy is the many young architects he employed and mentored. There was no better education than working for Phil Dumaresq, and we have to thank him for "Dumaresq's Twelve Rules of Architecture", which remains a required reading for any young architect. Even at the age of 94, he was still active on jobs, behind his son Syd. During the restoration of the Dingle tower (built by Phil's father during 1908 – 1912), Phil climbed the tower's circular staircase and crawled on hands and knees under the scaffolding.

Phil was predeceased by son, Peter, and grandson, James Charles. He was also predeceased by his sisters, Jacqueline, Lucille, and Antoinette. He is survived by his wife, Leila; his sons, Sydney (Sandra) and Marc (Susan); daughter, Daphne (Alan Sexton) and daughter-in-law, Paula Weste. His grandchildren are Andrew (Jennifer), Jocelyn (Nathan Smith), Alexander (Kate McKenna), Philip, Dean, Emily, Nicholas, Kate (Dave Langille), Robert (Melanie Abramson), Scott (Hyunah Park), Michael (Jennifer Threader), Patrick and Daniel. Donations may be made to the Charles H. Best Research Fund, c/o Canadian Diabetes Association, 1400-522 University Ave., Toronto, ON M5G 2R5, the Dumaresq-Merchant Scholarship Trust of the Nova Scotia Sea Schools, www.seaschool.org, 2057 Gottingen St., Halifax, NS B3K 3B2, or a charity of your choice.

Special thanks to the Newfoundland ladies for their loving care: Verna Best, Roberta Harvey, Claudia Harris, Chelesa Harris, and Tammy Munden. The family would also like to thank Dr. Matt Hudson and, in particular, the nurses on 6.2 at the QEII Health Sciences Centre, especially Katy, Debbie and Hannah for their expert care and compassion. The earthly adventure has ended after 96 very full years, but the legacy and the example survives in the minds of the thousands of lives he touched.

OBITUARIES

WENTZELL, ROBERT ROGER, NSLS # 441 – age 64 of Fall River, NS passed away peacefully at home on August 16th, 2013. He was the son of the late Roger and Theresa Wentzell of Milton, NS.

Robert was a graduate of the College of Geographic Sciences, Lawrencetown, NS at NSLSI. He articulated with K.W. Robb & Associates from August 1971 to October 1974 and later received his commission as a Nova Scotia Land Surveyor in July 1975. Robert was employed with Halifax Regional Municipality for 36 years and a former member of the Fall River Volunteer Fire Department. He coached minor league baseball and was a lover of all sports. Robert enjoyed playing crib and other games with his friends and family and was an ardent craftsman in intarsia. (Technique of inlays of various types of wood to create patterns or images). Robert was respected by his peers at HRM as the go-to guy for information and technical advice on equipment on computer software.

Robert is survived by his wife Jane; daughter, Amanda (Darren) MacLeod; sons Adam and Jody (Corrinna); grandchildren, Kaleb and Meagan MacLeod and Dylan Wentzell; brothers, Raymond (Linda), Roy (Margaret), Roland (Cathy); brother-in-law John (Terry) Merry; and Grammie (Janet Merry) and his buddy Oscar.

Donations may be made to LWF Fire Department or Palliative Care at QEII Foundation.

Thank you to Dr, John McNabb, staff of the Cancer Care Clinic, Chemotherapy unit and Palliative Care for all of their guidance through the past year.

Motions for approval under New Business will include the following:

- Board of Examiners articling agreement
- Amendments to New Regulations proclaimed September 10, 2013
- Professional Surveyors Canada fee
- Budget 2014

Discussion on Standards of Practice (September 10, 2013) and a go forward plan

Motions of consideration:

1. Mandatory plan preparation when setting survey markers.
2. Mandatory plan registration

Motion # 1

WHEREAS the Board of Examiners support the experience gained by candidate members through articling;

AND WHEREAS the Board of Examiners also appreciates survey knowledge gained through experience while not serving articles;

AND WHEREAS land surveyors from other Canadian survey associations can apply for membership without serving articles under Chapter 7 of the Agreement on Internal Trade;

AND WHEREAS the Council has approved that the Board's recommendation be presented to the membership for approval.

BE IT THEREFORE RESOLVED that sub-section (4) be added to section 41(2) of the October 22, 2011 amended By-laws as follows:

(4) The Board, however, may reduce the required article time up to 50% based on a candidate's experience.

Moved by _____ ; seconded by _____

Motion # 2

WHEREAS the Land Surveyors Act of 2010 requires that the composition of the Complaints Committee as per section 2(i) and Hearing Committee as per section 2(q),

AND WHEREAS the committee composition was not included in Regulations as approved on September 10, 2013,

BE IT RESOLVED to approve a motion to amend the Regulations by inserting sections 22A and 29A as herein described by Schedule "A":

SCHEDULE "A"

AMENDMENTS TO THE REGULATIONS RESPECTING LAND SURVEYING
made under subsection 12(1) of Chapter 38 of the Acts of 2010
the *Land Surveyors Act*

1. The Regulations are amended by adding the following section immediately after Section 22.

Appointment of Complaints Committee

22A (1) The Council shall appoint a Complaints Committee composed of:

- (a) 1 public representative; and
- (b) 4 members, at least 3 of whom must be from the active category of membership.

2. The Regulations are further amended by adding the following section immediately after Section 29:

Appointment of Hearing Committee

29A (1) The Council shall appoint a Hearing Committee composed of:

- (a) 1 public representative; and
- (b) 4 members, at least 3 of whom must be from the active category of membership.

Moved by _____; seconded by _____

Motion # 3

WHEREAS the Association of Nova Scotia Land Surveyors have supported the goals and objectives of Professional Surveyors Canada;

AND WHEREAS the existence of Professional Surveyors Canada has been considered beneficial to the Association of Nova Scotia Land Surveyors as a professional body and to the individual members of the Association of Nova Scotia Land Surveyors;

AND WHEREAS a motion was passed at a meeting of Zone Six that Professional Surveyors Canada be approached to determine what membership fees could be negotiated if all members of the Association of Nova Scotia Land Surveyors joined Professional Surveyors Canada;

AND WHEREAS Professional Surveyors Canada proposed that for each Association where all members joined Professional Surveyors Canada the cost for membership would be \$200.00 per member and that the Association Corporate Membership fee would be eliminated.

BE IT THEREFORE RESOLVED that for the following three (3) years each member of the Association of Nova Scotia Land Surveyors pay a \$200.00 membership fee to Professional Surveyors Canada, which fee would be collected by the Association of Nova Scotia Land Surveyors as part of the annual membership dues:

Moved by _____; seconded by _____



**RECTOR
COLAVECCHIA
ROCHE**
CHARTERED ACCOUNTANTS

Incorporated Partners

Lawrence J. Roche, CA
Steven R. Gray, CA

REVIEW ENGAGEMENT REPORT

TO THE PRESIDENT, COUNCIL AND
MEMBERS OF THE ASSOCIATION
OF NOVA SCOTIA LAND SURVEYORS

We have reviewed the balance sheet of The Association of Nova Scotia Land Surveyors as at December 31, 2012 and the statements of operations and accumulated operating surplus and cash flows for the year then ended. Our review was made in accordance with Canadian generally accepted standards for review engagements and accordingly consisted primarily of enquiry, analytical procedures and discussion related to information supplied to us by the association.

A review does not constitute an audit and consequently we do not express an audit opinion on these financial statements.

Based on our review, nothing has come to our attention that causes us to believe that these financial statements are not, in all material respects, in accordance with Canadian generally accepted accounting principles.

We draw attention to Note 2 of the financial statements which describes that The Association of Nova Scotia Land Surveyors adopted Canadian accounting standards for not-for-profit organizations on January 1, 2012 with a transition date of January 1, 2011. These standards were applied retroactively by management to the comparative information in these financial statements, including the balance sheets as at December 31, 2011 and January 1, 2011 and the statements of operations and accumulated operating surplus and cash flows for the year ended December 31, 2012. We were not engaged to report on the restated comparative information, and as such, it is neither audited or reviewed.

Rector Colavecchia Roche

CHARTERED ACCOUNTANTS

September 19, 2013

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS
UNAUDITED BALANCE SHEET AS AT DECEMBER 31, 2012

	December 31, 2012 \$	December 31, 2011 \$	January 1, 2011 \$
ASSETS			
CURRENT ASSETS			
Cash	199,322	152,574	83,254
Accounts receivable	20,615	22,628	34,467
HST receivable	<u>-</u>	<u>350</u>	<u>456</u>
	219,937	175,552	118,177
LAND AND BUILDING (note 4)	<u>88,667</u>	<u>91,245</u>	<u>93,930</u>
	<u><u>308,604</u></u>	<u><u>266,797</u></u>	<u><u>212,107</u></u>
LIABILITIES			
ACCOUNTS PAYABLE AND ACCRUED LIABILITIES	1,229	4,626	15,514
HST PAYABLE	1,170	-	-
RECEIVER GENERAL PAYABLE	<u>-</u>	<u>-</u>	<u>636</u>
	2,399	4,626	16,150
MEMBERS' EQUITY			
ACCUMULATED OPERATING SURPLUS	<u>306,205</u>	<u>262,171</u>	<u>195,957</u>
	<u><u>308,604</u></u>	<u><u>266,797</u></u>	<u><u>212,107</u></u>

SIGNED ON BEHALF OF THE MEMBERS

Executive Director

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS
 UNAUDITED STATEMENT OF OPERATIONS AND ACCUMULATED OPERATING SURPLUS
 FOR THE YEAR ENDED DECEMBER 31, 2012

	Budget 2012 \$	2012 \$	2011 \$
REVENUE (Schedule A)			
Membership dues	187,080	189,021	190,289
Survey review	100,000	102,280	103,260
General operations	52,600	52,585	32,857
Other operations	<u>7,900</u>	<u>3,139</u>	<u>7,686</u>
	<u>347,580</u>	<u>347,025</u>	<u>334,092</u>
EXPENSES			
Administration (schedule B)	281,412	262,440	232,780
Board of Examiners (schedule B)	1,300	69	312
Committees (schedule C)	10,500	408	1,018
Grants, levies and awards (schedule C)	15,730	15,048	14,751
Miscellaneous (schedule C)	2,050	3,920	2,739
Office accommodations (schedule C)	<u>21,100</u>	<u>21,106</u>	<u>16,278</u>
	<u>332,092</u>	<u>302,991</u>	<u>267,878</u>
OPERATING SURPLUS FOR THE YEAR	<u>15,488</u>	44,034	66,214
ACCUMULATED OPERATING SURPLUS - BEGINNING OF YEAR		<u>262,171</u>	<u>195,957</u>
ACCUMULATED OPERATING SURPLUS - END OF YEAR		<u>306,205</u>	<u>262,171</u>

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

UNAUDITED STATEMENT OF CASH FLOWS

FOR THE YEAR ENDED DECEMBER 31, 2012

	2012	2011
	\$	\$
CASH FLOWS FROM OPERATING ACTIVITIES		
Operating surplus for the year	44,034	66,214
Adjustments to operating surplus not involving cash - Amortization	<u>2,578</u>	<u>2,685</u>
	46,612	68,899
Changes in non-cash working capital -		
Decrease in accounts receivable	2,013	11,840
Decrease in accounts payable	(3,396)	(10,889)
Increase in HST payable	1,520	106
Decrease in receiver general payable	<u>-</u>	<u>(636)</u>
INCREASE IN CASH	46,749	69,320
CASH - BEGINNING OF YEAR	<u>152,574</u>	<u>83,254</u>
CASH - END OF YEAR	<u><u>199,323</u></u>	<u><u>152,574</u></u>

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

UNAUDITED NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED DECEMBER 31, 2012

The Association of Nova Scotia Land Surveyors (the "Association") was incorporated as a professional organization under the Land Surveyors Act of Nova Scotia to establish and maintain standards of the profession.

1. SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements were prepared in accordance with Canadian Accounting Standards for Not-for-Profit Organizations (ASNFPO)

Financial Instruments

The financial assets and liabilities are initially recorded at fair value. The Association subsequently measures all financial assets and liabilities at cost or amortized cost. Changes in fair value are recognized in net income.

Financial assets measured at cost include cash and accounts receivable. Financial liabilities measured at cost include accounts payable and amounts owing to government.

Cash

The Association defines cash as the amount of cash on hand and cash on deposit net of cheques that are issued and outstanding at the end of the year.

Capital Expenditures

Commencing on October 1, 1993, expenditures for furniture and equipment are expensed as incurred. In common with many not-for-profit organizations, furniture and equipment are recorded as current expenditures in the year in which they are incurred rather than capitalized and amortized over their useful lives.

The building is amortized using the declining balance method at an annual rate of 4%. In the year of acquisition, amortization is calculated at one-half of the annual rate.

Income Taxes

The Association is a not-for-profit organization, as described in Section 149(1)(1) of the *Income Tax Act*, and is therefore exempt from income taxes.

Revenue Recognition

Revenue is recorded in the period that is due and collectible.

Contributed Services

The Association would not be able to carry out its activities without the services of the many volunteers who donate a considerable number of hours. Because of the difficulty of determining the fair value, contributed services are not recognized in the financial statements.

... (continued) ...

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS
NOTES TO UNAUDITED FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2012

1. SIGNIFICANT ACCOUNTING POLICIES . . . (continued)

Statement of Cash Flows

The Association prepares the statement of cash flows on a net cash basis and reports cash flows from operating activities using the indirect method.

Use of Estimates

The preparation of financial statements in accordance with generally accepted accounting principles for not-for-profit organizations requires the Association to make estimates and assumptions that affect the reported amount of assets and liabilities, disclosure of contingent assets and liabilities as at December 31, 2012 and the reported amount of revenue and expenses for the year then ended. These estimates are reviewed periodically, and as adjustments become necessary, they are reported in earnings in the year in which they become known.

2. IMPACT OF CHANGE IN THE BASIS OF ACCOUNTING

The Association has elected to apply the standards in Part III of the CICA Handbook - Canadian accounting standards for not-for-profit organizations. The financial statements for the year ended December 31, 2012 were prepared in accordance with the accounting principles described and the provisions set out in Note 1 - Significant Accounting Policies have been applied in preparing the financial statement for the year ended December 31, 2012, the comparative information presented in these financial statements for the year ended December 31, 2011 and in preparation of an opening balance sheet at January 1, 2011. There was no impact to accumulated operating surplus at January 1, 2011 from adopting these standards.

3. FINANCIAL INSTRUMENTS AND RISK MANAGEMENT

Fair Values

The fair values of cash, accounts receivable, accounts payable and accrued liabilities approximate their carrying values due to their relatively short period to maturity.

Credit Risk

Financial instruments that potentially subject the Association to credit risk consist of cash and accounts receivable. The Association uses reputable institutions for cash.

Liquidity Risk

Liquidity risk is the risk the Association will not be able to meet its obligations as they become due. The Association's approach to managing liquidity risk is to ensure that it always has sufficient cash flows and cash on hand to meet its operating obligations.

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

UNAUDITED NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED DECEMBER 31, 2012

	December 31, 2012			December 31, 2011	January 1, 2011
4. LAND AND BUILDING	Cost \$	Accumulated amortization \$	Net \$	Net \$	Net \$
Land	26,798	-	26,798	26,798	26,798
Building	<u>111,565</u>	<u>49,696</u>	<u>61,869</u>	<u>64,447</u>	<u>67,132</u>
	<u>138,363</u>	<u>49,696</u>	<u>88,667</u>	<u>91,245</u>	<u>93,930</u>

5. RELATED PARTY TRANSACTIONS

During the year the Association received rental income of \$696 (2011 - \$nil) from the Executive Director. The rent income was earned in the normal course of operations under the same terms and conditions as transactions with unrelated third parties.

6. CORRESPONDING FIGURES

The Association has combined the survey and the general administrative departments. Certain of the December 31, 2011 corresponding figures have been reclassified to conform to the 2012 financial statement presentation.

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

SCHEDULE A

UNAUDITED SCHEDULE OF REVENUE

FOR THE YEAR ENDED DECEMBER 31, 2012

	Budget 2012 \$	2012 \$	2011 \$
MEMBERSHIP DUES			
Regular	180,000	182,072	183,482
Retired	4,200	4,320	4,146
Associate	240	120	240
Student	<u>2,640</u>	<u>2,509</u>	<u>2,421</u>
	<u>187,080</u>	<u>189,021</u>	<u>190,289</u>
SURVEY REVIEW			
SRD plan	82,000	85,795	103,260
SLC number	<u>18,000</u>	<u>16,485</u>	<u>-</u>
	<u>100,000</u>	<u>102,280</u>	<u>103,260</u>
GENERAL OPERATIONS			
Certificates of authorization	5,200	5,415	5,025
Convention receipts	25,000	11,916	13,899
Interest income	200	1,225	498
Miscellaneous	200	1,692	575
Nova Scotian Surveyor	5,000	1,322	3,255
Seminars	<u>17,000</u>	<u>31,015</u>	<u>9,605</u>
	<u>52,600</u>	<u>52,585</u>	<u>32,857</u>
OTHER OPERATIONS			
Rental income	7,100	2,199	6,796
Service charges	<u>800</u>	<u>940</u>	<u>890</u>
	<u>7,900</u>	<u>3,139</u>	<u>7,686</u>
	<u><u>347,580</u></u>	<u><u>347,025</u></u>	<u><u>334,092</u></u>

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

SCHEDULE B

UNAUDITED SCHEDULE OF EXPENSES

FOR THE YEAR ENDED DECEMBER 31, 2012

	Budget		
	2012	2012	2011
	\$	\$	\$
ADMINISTRATION			
Accounting service	3,500	3,937	6,360
Advertising	1,500	205	-
Amortization	2,400	2,578	2,685
Benefits - medical, dental and life	8,500	3,670	3,686
CPP, EI and workers' compensation	7,310	6,958	6,531
Council meetings	6,000	2,530	2,572
Equipment purchases	700	1,102	3,507
Equipment rental and maintenance	1,850	1,275	536
Executive director expenses	1,200	997	1,504
Executive expenses	400	-	87
General meeting - convention	22,000	28,335	24,832
Legal services	5,000	1,408	6,854
Nova Scotian Surveyor	6,500	4,402	2,145
Office supplies	4,200	2,530	1,539
Postage	5,000	1,947	3,071
President's travel	18,000	14,705	20,419
Printing	1,000	51	108
Professional dues and fees	1,360	1,550	1,495
Salary - Executive director	67,200	67,200	67,200
- Administrators	47,900	37,933	33,152
- SRD manager contract	53,592	55,000	32,459
Seminars	5,000	15,365	6,067
SRD managers expense	7,200	5,162	2,843
Staff training and education	800	91	449
Telephone, fax and internet	1,800	2,302	1,702
Zone meetings	1,500	1,207	977
	<u>281,412</u>	<u>262,440</u>	<u>232,780</u>
BOARD OF EXAMINERS			
Canadian Board (CBEPS)	500	-	-
Examinations	300	-	-
N.S. Board of Examiners	<u>500</u>	<u>69</u>	<u>312</u>
	<u>1,300</u>	<u>69</u>	<u>312</u>

THE ASSOCIATION OF NOVA SCOTIA LAND SURVEYORS

SCHEDULE C

UNAUDITED SCHEDULE OF EXPENSES

FOR THE YEAR ENDED DECEMBER 31, 2012

	Budget 2012 \$	2012 \$	2011 \$
COMMITTEES			
Administrative review	800	-	-
Complaints	1,200	91	119
Continuing education	500	226	-
Discipline	2,000	-	329
Governance	1,000	-	214
Public awareness	2,000	-	144
SRD Advisory	1,500	-	-
Strategic planning	500	-	-
Wetlands	<u>1,000</u>	<u>91</u>	<u>212</u>
	<u>10,500</u>	<u>408</u>	<u>1,018</u>
GRANTS, LEVIES AND AWARDS			
C.B.E.P.S. levy	2,500	2,654	2,499
C.O.G.S. awards	2,000	2,000	2,000
Professional Surveyors Canada	<u>11,230</u>	<u>10,394</u>	<u>10,252</u>
	<u>15,730</u>	<u>15,048</u>	<u>14,751</u>
MISCELLANEOUS			
Courier	400	-	33
Donation - memorials	-	1,150	-
GANS administration	-	-	9
Interest and bank charges	300	180	124
Other	1,100	2,346	2,536
Penalties and interest	50	226	37
Refreshments	<u>200</u>	<u>18</u>	<u>-</u>
	<u>2,050</u>	<u>3,920</u>	<u>2,739</u>
OFFICE ACCOMMODATIONS			
Building maintenance	3,000	2,984	638
Cleaning	400	139	100
Insurance	3,000	2,674	3,125
Taxes	11,500	11,164	10,164
Utilities	<u>3,200</u>	<u>4,145</u>	<u>2,251</u>
	<u>21,100</u>	<u>21,106</u>	<u>16,278</u>

**ASSOCIATION OF NOVA SCOTIA
LAND SURVEYORS**

2014

BUDGET

(PROPOSED)

Prepared September 24, 2013

ADMINISTRATION REVENUE

	2014 Budget (Proposed)	2013 Budget	2012 Actual
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REVENUE

Membership Dues

Regular Members	(154@ \$1200)	\$184,000	\$182,400	\$182,072
Retired Members	(35@ \$120)	\$4,200	\$4,200	\$4,320
Associate Members	(1@ \$120)	\$120	\$120	\$120
Candidate (Student) Members	(21@ \$120)	\$2,640	\$2,400	\$2,509

Total Membership Dues		\$191,760	\$189,120	\$189,021
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SLC Numbers	(see note 14)	\$18,500	\$18,000	\$16,485
SRD Plan	(see note 14)	\$83,000	\$82,000	\$85,795

Total		\$101,500	\$100,000	\$102,280
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Nova Scotian Surveyor		\$5,000	\$4,500	\$1,322
Convention Revenue		\$25,000	\$22,500	\$31,015
Seminar Revenue		\$18,500	\$16,000	\$11,916
Certificate of Authorization	(51@ \$100)	\$5,100	\$5,100	\$5,415
Hearing (Discipline) Committee		---	---	---
Interest Earned		\$500	\$500	\$1,225
Other Revenue		\$200	\$200	\$1692

Total		\$54,300	\$48,800	\$52,585
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OTHER OPERATIONS

Dues Service Charges		\$1,000	\$900	\$940
SRD Administration Fee	(see note 2)	---	---	---
Rental Income	(see note 15)	\$4,800	\$5,400	\$2,199
Transfer Savings	(see note 9)	\$5,109	---	---

Total		\$10,909	\$6,300	\$3,139
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TOTAL REVENUE		<u>\$358,469</u>	<u>\$344,220</u>	<u>\$347,025</u>
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ADMINISTRATION EXPENSES

	2014 Budget (Proposed)	2013 Budget	2012 Actual
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OFFICE EXPENSES

Salary	- Executive Director	\$71,292	\$69,216	\$67,200
	- Exec. Assistant (PT)	\$20,806	\$20,200	\$17,542
	- SRD Assistant (PT)	\$22,196	\$21,690	\$20,288
	- SRD Contract	\$60,000	\$60,000	\$55,000
Benefits	- Medical and Dental	\$5,500	\$5,800	\$3670
	- CPP	\$4,100	\$4,500	\$3891
	- EI	\$3,000	\$3,600	\$2154
	- Workers Compensation	\$800	\$800	\$844
	- Life Insurance (see note 17)	\$2,000	\$2,000	\$0
Total		\$189,694	\$187,806	\$170,589

Accounting		\$3,500	\$3,500	\$3,937
Advertising		\$1,500	\$1,500	\$205
Annual Meeting & Convention	(see note 3)	\$25,000	\$25,000	\$28,335
Council Meetings		\$4,000	\$4,000	\$2,530
Depreciation	(see note 13)	\$2,600	\$2,600	\$2,578
Equipment Rental/Maintenance	(see note 5)	\$1,500	\$1,800	\$1,275
Executive Director Expenses		\$1,500	\$1,500	\$997
Executive Expenses	(see note 7)	\$400	\$400	---
Legal Services	(see note 6)	\$5,000	\$5,000	\$1,408
NS Surveyor		\$5,000	\$5,000	\$4,402
Office Expense		\$2,000	\$3,000	\$2,530
Office and Computer Equipment		\$1,000	\$2,000	\$1,102
Postage		\$5,000	\$5,000	\$1,947
President's Travel	(see note 8)	\$19,000	\$18,400	\$14,705
Printing		\$1,000	\$1,000	\$51
Professional Dues and Fees	(see note 10)	\$2,800	\$1,500	\$1,550
Seminars		\$7,000	\$5,000	\$15,365
SRD Manager Expenses		\$7,200	\$7,000	\$5,162
Staff Training		\$600	\$600	\$91
Telephone, Fax & Internet		\$2,000	\$2,400	\$2,302
Zone Meeting		\$1,500	\$1,500	\$1,207
Total		\$99,100	\$102,700	\$91,679

ADMINISTRATION (continued)

		2014 Budget (Proposed)	2013 Budget	2012 Actual
Committees				
Administration Review Committee		\$600	\$600	---
Complaints Committee		\$1,000	\$1,200	\$91
Continuing Education Committee		\$500	\$500	\$226
Hearing (Discipline) Committee	(see note 1)	\$1,000	\$2,000	---
Governance Committee		\$1,000	\$1,000	---
Membership Committee		\$0	\$0	---
Other Committee		\$200	\$500	---
Public Awareness Committee		\$1,000	\$2,000	---
SRD Review Committee		\$1,500	\$1,000	---
Strategic Planning Committee		\$500	\$500	---
Wetlands Committees		\$500	\$1,000	\$91
Total		\$7,800	\$10,300	\$408
Grants, Levies and Awards				
CBEPS levy	(see note 16)	\$2,700	\$2,500	\$2,654
PSC levy	(see note 9)	\$30,800	\$12,000	\$10,394
COGS Awards	(see note 4)	\$2,000	\$2,000	\$2,000
Total		\$35,500	\$16,500	\$15,048
Boards of Examiners				
Canadian Board (CBEPS)		\$500	\$500	---
Exams		\$300	\$300	---
N.S. Board of Examiners		\$500	\$500	\$69
Total		\$1,300	\$1,300	\$69
Accommodation				
Building Maintenance	(see note 12)	\$2,000	\$3,000	\$2,984
Cleaning		\$400	\$400	\$139
Insurance		\$3,400	\$3,200	\$2,674
Taxes		\$12,000	\$12,000	\$11,164
Utilities		\$3,800	\$3,500	\$4,145
Total		\$21,600	\$22,100	\$21,106

ADMINISTRATION (continued)

	2014 Budget (Proposed)	2013 Budget	2012 Actual
Miscellaneous			
Courier	\$400	\$400	---
Donation – Memorials	\$500	---	\$1, 150
GANS Expenses	\$0	\$0	---
Interest and Bank Charges	\$325	\$325	\$180
Penalties & Interest	\$50	\$50	\$226
Miscellaneous Expense (see note 11)	\$2,500	\$2,500	\$2,346
Refreshments	\$200	\$200	\$18
Total	\$3,475	\$3,475	\$3,920
TOTAL OFFICE EXPENSES	<u>\$358,469</u>	<u>\$344,181</u>	<u>\$302,819</u>
SURPLUS/(DEFICIT)	\$0	\$39	\$44,206

Notes:

1. If a member is found guilty by the Discipline Committee, costs are as per sections 49 of the Regulations of September 10, 2013.
2. SRD and ADMIN were merged in 2012. Therefore, the 2013 financial statements and the 2014 budget are reflective of this.
3. In addition to the budgeted convention revenue, \$50 of each member's dues is attributed toward the payment of convention expenses. The total amount for 2014 is \$7,700 (154 x \$50).
4. This is for three awards that are presented annually to students at COGS.
5. Equipment and rental includes maintenance contracts for photocopier, postage system, and postage meter. Also inclusive of repairs, maintenance and annual inspections of equipment
6. Includes legal costs of \$5,000 for the Governance legislation update initiative (legal consultant's fees).
7. Executive expenses are for travel, meals, accommodations etc. incurred by the President, Vice-President and Past President within the province of Nova Scotia to attend zone meetings, executive meetings etc; or for travel out-of-province with council's approval.
8. President's travel is for out-of-province travel of the President or their designate to attend meetings of other associations.
9. The proposed budget for the PSC levy is based on \$200.00 per regular member.
 $\$200.00 \times 154 = \$30,800$ We suggest transferring the difference from the savings account to maintain a balanced budget.
10. Professional dues and fees include ANSLs dues, ACLS dues, Development Officers Associate membership & GANS dues for Executive Director and SRD Manager.
11. Each year a portion of the HST ITC's for the month of January are disallowed per CRA requirement. This item is included in Miscellaneous Other Expenses and is budgeted for \$2,500.00 in 2014.
12. Building maintenance is comprised of major expenses to repair and/or maintain the association office building.
13. Annual building depreciation.
14. Sticker revenue based on average year sales.
15. Rental of portion of office building.
16. Fee paid based on number of active members and candidate members to fund the National Academic Accreditation Program.
17. No existing life insurance contracts for ANSLs staff.

