



ECO - ENERGY
ÉCO - ÉNERGIE

Annual General Meeting Assemblée générale annuelle

May 23th, 2017 ~ le 23 mai 2017

Agenda

- Welcome
- Approval of the Agenda
- Approval of Minutes from 2016 AGM
- Guest Speaker: Eric Tusz-King, Beausejour Renewable Energy
- Break and Silent Auction
- Project Activity Reports
- Financial Report
- Board Member Retirements and Appointments
- Bylaw Changes
- Silent Auction Results
- Adjournment

AGM 2016 Minutes

ANNUAL GENERAL MEETING ~ ASSEMBLÉE GÉNÉRALE ANNUELLE

6:30-9pm, Wednesday, May 25th, 2016 ~ 18h 30 - 21h, mercredi, le 25 mai, 2016
Sackville Visitor Information Centre ~ 34 Mallard Dr., Sackville, NB

Present: Melanie Jellett, Sabina Dietz, Alice Cotton, Karen Sears, Brian Nielsen, Perry Eldridge, Val McDermid, Roland Chiasson, Amanda Marlin, David Lieske, Stacey Merrigan, Julia Feltham, Daniel Haartman, Barb Clayton, Peter Higham

(6:30-7pm) Refreshments, mingling, networking, EOS information table, membership forms, silent auction bidding.

1. (7pm) Welcome Message - Roland Chiasson, President

- Roland's message: how much room do we need to supply the entire world with solar electricity? Quite a small area, a tiny fraction of Morocco's area.
- Countries leading in solar P V: China (43,000 M W), Germany (39,628 M W), USA (27,800 M W),..., Canada (1,710 MW).
- Solar energy hitting the earth at a given moment? 173,000 terawatts. Enough sunlight hits the earth's surface in 1.5 hrs to power the globe for a year.
- Photovoltaic = "light electricity".
- Decrease in cost of PV = 80% since 2008.

2. (7:05) Approval of the Agenda

- Peter motions to approve agenda; Julia seconded; carried.

3. (7:10) Approval of Minutes from 2015 AGM

- Val moves to correct Alice's home community; Perry seconded; carried.

4. (7:15) Guest Speaker: Sackville Schools 2020

- Brian Nielsen and Karen Sears - Sackville Schools 2020 is a community based initiative that started in 2015.
- Presented a short video - lifelong learning with whole families participating in creating a learning environment (www.sackvilleschools2020.com).

- Brian: goal is to have Sackville become a hands-on, engaged learning community; not just theoretical knowledge but learning that involves connections between members in the whole community.
- Karen: Sackville is positioned very well for taking a lead in this. Goal: producing resilient students who can self-lead and self-teach and be the leaders of the future.
- Brian: would like to have more cross-grade interaction (e.g., university students and HS students); big goal: a new building. Concerns were expressed at the district education council to look at combining schools to reduce the cost of the individual schools. Want to dream about having a 21st century building that will support this 21st century learning style. It would also serve as a model for other communities.
- Karen: academic sustainability in general is under threat with shrinking demographics and outmigration - capitalizing on our intellectual and creative talent would support and drive this initiative. Modern 21st century designs have a lot more open space and a lot more collaboration, but break-away rooms are supported, too.
- Brian: province is putting in about \$1 million a year to support our three schools in the operations budget, with \$6 million in deferred maintenance having accrued. We could also reduce the energy inputs by building a modern building with a new design. Having a big picture, full life-cycle approach.
- Karen: everyone in the community would have access to the space, for social gatherings, etc. The spaces would be more indoor-outdoor oriented and open.
- Roland: any resistance or blocks encountered?

- Brian: chairman of the district education council makes the final call; chairman seems quite enthused about the Sackville 2020 presentation and model. New mayor speaks about making education a priority, too, plus one of the members is being sworn in at Sackville Council tonight.
- Roland: do you have a location in mind? What would happen to the current schools?
- Karen: early to have these discussions but are open and under discussion; would like it to be positioned
- more centrally to the community.
- Brian: have a good cross-section of engaged people on board, e.g., university professors, an EOS Board Member, people on the building design side
- Roland: Tantramar Wetlands Centre? How could that be linked?
- Brian: maybe the HS becomes a community college and trains the trades so students don't have to commute to Moncton. Also: have more student-driven inquiry with multiple ways of learning. Goal is also to get as many people to the table so that everyone has a chance to provide input.
- Roland: the way we're treating the environment is embedded in our buildings, our philosophy, etc.

5. (7:45) Networking Break and Last Chance for Silent Auction

- Proceeded.

6. (7:55) Project Activity Reports

□ Amanda; thank you Megan Mitton, Lauren Clark, NB ETF and MASU Green Investment Fund!

- Solar Potential - Amanda Marlin, Executive Director
 - Solar workshop for bulk purchasing and partnering with Fundy Solar.
 - 12% off the price of the panels; 4 homeowners participated; 61 panels = just over 15 kw
 - of solar power.
 - EOS also received a 2% commission = social enterprise opportunity for EOS.
 - The program received good publicity, CBC, satirical news. Etc.
 - Another program: two solar grants from EOS for non-profit - awarded to (1) Salem Elementary's outdoor classroom; (2) Johnsons Mills Shorebird Interpretive Centre.
 - Another program - Exploring a Solar Co-op; reflects the historical roots and priority of EOS. There is a supporting committee/community group which meets monthly and is exploring this program.
 - Solar Maps - produced by students at Regional Service Commission. Produced solar radiation maps to estimate solar output for Tantramar. E.g., Port Elgin has more kw / m2 than Los Angeles.

- Climate Change Adaptation Planning - Amanda Marlin, Executive Director
 - Sackville's Partners for Climate Protection (PCP) Plan - 5 steps to reduce carbon emissions from municipal and community sources. Developed a Sackville PCP Action Plan, e.g., LED street lighting, active transportation plan, EV charging station
 - Tantramar Climate Change Adaptation Collaborative = working group that meets regularly and that EOS is a member of.
 - EOS and the Tantramar Climate Change Collaborative received an award "Sustainable Communities Award" (Gulf of Maine Council) in June, 2015.
 - 72-hour Emergency kit bulk purchase - 115 ordered. Apparently first ever community- based bulk purchase for Canadian Red Cross. EOS made about 6% on the sales.
 - Climate Change Outreach - welcome drumming circle, DIY rain barrel workshops.

- Developed a number of community adaptation plans: Port Elgin and Sackville. Each plan is different and tailored to the different settings; included different flood scenario, and made use of flood mapping information; plans were approved by councils in February and March. Plans will be on the EOS website soon.
- Social Enterprise plans for EOS - would allow diversification of revenue sources which would help EOS remain economically sustainable. Staff and members of the Board attended performance excellence training sessions from Simplicity Designs to help us create a new vision, make changes, and do more with less. Research has also been done into assessing the viability of different social enterprise business ideas including consulting, selling swag, charging for particular workshops, solar co-ops, green retrofits and more.

7. (8:15) Plans for the New Year and New Logo Unveiling - Amanda Marlin, Executive Director

- ETF (\$50,000) for community-based CC adaptation plan for Dorchester; continuing coordination of CC Collaborative, community outreach, 5th Annual CC week; increasing energy efficiency of homes in Tantramar (Community inclusion network and MASU GIF = \$7000).
- Social Enterprise - another solar panel bulk purchase, solar co-op development, and other ideas.
- We have a new logo! Thanks to Ian Chew and his designer friend Deidre Thibault.

8. (8:20) Financial Report - Peter Higham, Treasurer

- Peter's financial report: 1st April 2015 to 31st March 2016.
- Financial statements were provided on a monthly basis.
- Total revenue = \$129,533.67 (compared to \$84,918.9 from 2014-2015).
- Total expenditures = \$125,878.66, with net income of \$3,655.01.
- Board remains concerned about revenue being insecure; largest provider is ETF, to the tune of almost \$90,000. Green Investment Fund of MtA is also a big investor, e.g., \$20,000. We already expect less income this coming year.
- Ways to increase revenues? Memberships would be one thing to build on.
- Sales revenue of \$7,509.71 refers to the Emergency Kits, solar panel workshop = \$1,187.38.
- Rent line is a little higher (\$3,239.03), and utilities line item (\$156) is to BullFrog Energy.
- It's clear that EOS achieved a lot, but it depends a lot on funds available; thanks are in order to our Executive Director for seeing this work proceed.

- Total equity: \$24,780.03 (compared to \$20,971.91 last year).
- Board has yet to approve its budget for the coming year.
- Financial status appears straightforward and clear, but an audit would be in order at some future date.
- Peter: motion that the statements be received; seconded by Stacey; carried.

9. (8:30) Officer Appointments on the Board of Directors - Peter Higham, Treasurer

- The term for the officers is just a single year, so four positions must be approved every year.
- Need to fill a chair , vice-chair , treasurer , and secretary . Will be decided at the Board meeting following the AGM. No need to elect any new members, just doing “musical chairs” of existing Board Members.
- Retiring members: Anne Goodwin (Port Elgin), Margaret Tusz-King (Sackville), Shizuka Ebata (Student rep).
- Thanks to Roland for chairing for so many years.
- Current board membership is around 10 people.
- Peter: calls for any nominations from the floor to serve on the Board? Asked three times = no nominations provided from the floor.

10. (8:35) Bylaw Changes - Julia Feltham, Board of Directors

- Focus on Article 3 - Vision Statement modified.
- Also focus on the Mission Statement also modified.
- Julia motions that we adopt these new illustrious changes; Val seconded; carried.

11. (8:45) Silent Auction Results - Perry Eldridge and Alice Cotton, Board of Directors

- Results were presented to attendees.

12. (9pm) Adjournment

- Motioned by Julia to adjourn; seconded by Barb; carried

Guest Speaker



Eric Tusz-King,
Interim Board Chair



Support EOS with your bids

Thank you!

Project Activity Reports

Thank you to 2016-2017 staff

Dylan Wooley-Berry



Loading up the car with LEDs, showerheads and pipe wrap at the NB Power warehouse in Moncton!

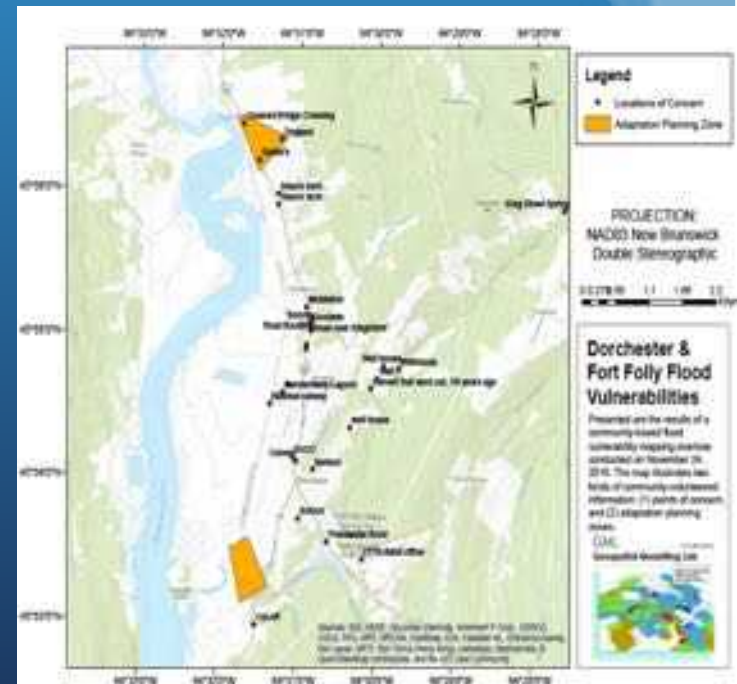
Thank you to our 2016-17 funders and sponsors!

- ETF
- WA-CIN
- Bullfrog Power
- MASU GIF
- Renaissance Sackville
- Royal LePage Atlantic



Dorchester Adaptation Plan

- Area gets cut off due to flooding, has had blizzards, ice storms, power outages, erosion problems, etc.
- Local planning committee created
 - Discussed impacts, storm scenarios, existing climate data data, risks and vulnerable areas and people, priority concerns, and actions
- EOS and MTA GIS researchers hosted a public mapping session on risk and vulnerability
- Information booths at village events, mail out brochure on impacts and adaptation in Dorchester, etc.
- Funding from NB ETF



Dorchester Planning Committee

- Sam Malenfant-Edgett, Treasurer, Village of Dorchester
- Benjamin Edgett, Councillor, Village of Dorchester
- Bob Hickman, Councillor, Village of Dorchester
- Wayne Feindel, Councillor, Village of Dorchester
- Greg Partridge, Chief, Dorchester Fire Dept.
- Sara Boyce, Fire department volunteer, Dorchester Cape
- Tina Milner, Administrator, Fort Folly First Nations
- Amanda Marlin, Executive Director, EOS Eco-Energy Inc.
- Tracey Wade, Planner, Southeast Regional Service Commission

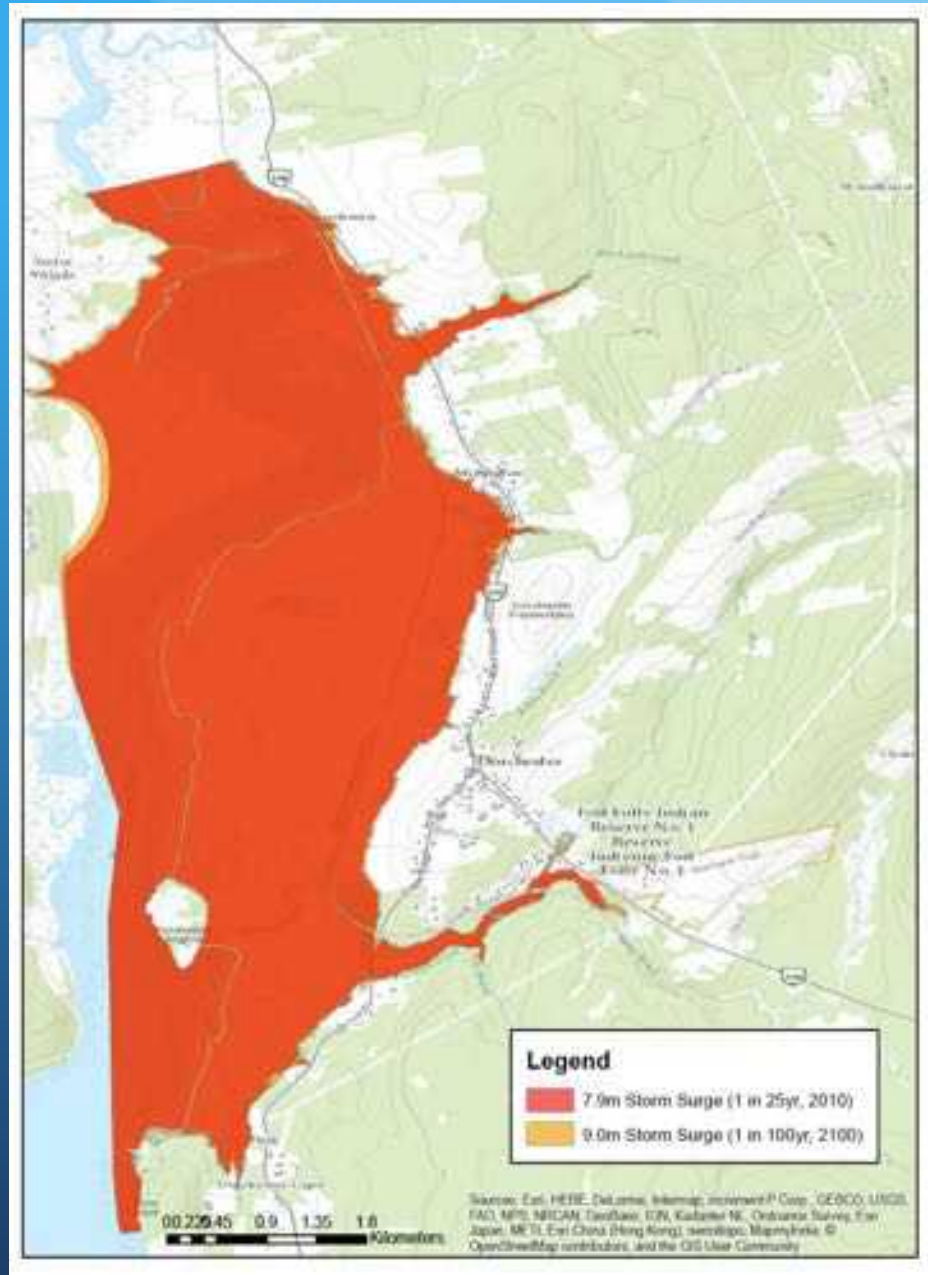


Current 1:25 Coastal Flood Scenario

(4% chance of happening
any year)

1:100 in 2100 Coastal Flood Scenario

(1% chance of
happening any year)
“Worst case scenario”



Dorchester Adaptation Plan Cont'd

- The plan has the following eight priority issues:
 - Update EMO plan
 - Improve Walker Rd. (it is the highest route out but a portion of it is dirt and impassable at times)
 - Many residents being cut off
 - Municipal lagoon
 - Risk of flooded rail bed
 - Penitentiary lagoon
 - Lift station at corner of Water St.
 - Localized freshwater flooding and erosion

“Dorchester, New Brunswick is a community resilient to climate impacts.”



Prepared by EOS Eco-Energy Inc.
Approved by Dorchester Municipal Council on
March 20, 2017



Dorchester Adaptation Plan Cont'd

- Some of the actions include:
 - Adopt-a-neighbour program
 - Bulk purchase of 72 hour kits for village
 - Meetings with MLA, MP, Penitentiary, etc. re routes, rail bed risks, sewage lagoons, etc.
 - Re-establish EMO committee and plan
 - Establish emergency operations centre
 - Assess opportunities for naturalized storm water ponds, etc.
 - Culvert assessment
 - And more
- Draft plan was presented to the public along with an information session on preparing for emergencies



Tantramar Climate Change Adaptation Collaborative

- Funded by NB ETF
- Working group continued to meet regularly

Amanda Marlin, EOS Eco-Energy

Nic McLellan, Ducks Unlimited Canada

Sabine Dietz, Aster Environmental Group

Craig Bowser, Sackville EMO

Jeff Hoyt, NB Climate Change Secretariat

Tracey Wade, Southeast Regional Planning Commission

Laurie Colette, NB Department of Environment

Robert Capozzi, NB Climate Change Secretariat

Prativa Pradhan, NB Climate Change Secretariat

Mike Johnson, Cumberland County EMO

Dwayne Acton, Engineer, Town of Sackville

Andrew Fisher, Town of Amherst

Steve Ferguson, Municipality of the County of Cumberland

Mel Jellet, Sustainability Solutions Group

Tantramar Climate Change Adaptation Collaborative

- 5th annual workshop - a review and planning session
- 30 people attended
- Reviewed progress
- Discussed impacts of Collaborative
- Updated regional adaptation plan
 - Added research as a priority area

Tantramar Climate Change Adaptation Collaborative

5th Annual Workshop

Review and Planning Session



Friday, January 13th, 2017

11am to 3pm

Royal Canadian Legion, 15 Lorne St., Sackville, NB

Hosted by the Tantramar Climate Change Adaptation Collaborative Working Group

Register by November 15th, 2016

Contact EOS Eco-Energy at eos@nb.aibn.com or 536-4487



Tantramar Climate Change Adaptation Collaborative

- Impacts of the Collaborative on participants' organizations:
 - *"We now have a common understanding of the issues."*
 - *"The new connections with Nova Scotia have been invaluable."*
 - *"The collaboration and networking, seeing what others are doing."*
 - *"Due to raising the profile of issues, local councils have been supportive of measures like purchasing drones, approving community adaptation plans, and emissions reduction plans, etc."*
 - *"The Collaborative has made adaptation mainstream now, part of our staff decisions."*

Tantramar Climate Change Adaptation Collaborative

- Comments about the Collaborative's effects on resiliency in the region included:
 - *"The public understands that floods and severe weather can happen now."*
 - *"There are highway closure gates now at Sackville. The Collaborative has allowed decisions to happen faster."*
 - *"People are able to bounce back easier after severe weather. Many more have resources in place now."*
 - *"There's also less panic now which contributes positively to mental health."*

Climate Change Education and Outreach

- EOS activities at:
 - Salem Outdoor Ed Days
 - Salem Summer Send Off
 - Dorchester Sandpiper Fest
 - MTA summer camp



Climate Change Education and Outreach

- 5th annual Climate Change Week!!!
 - Climate and Carbon Panel
 - Solar home tour
 - Chignecto Naturalists Talk
 - School visits
 - Lettuce Eat Meal
 - Nature Kids
 - And more!
- Thank you to all our volunteers and partners!



Climate Change Education and Outreach Continued...

- Hosted a public climate change town hall with Dominic LeBlanc



Direct Installs

- \$15,000 of materials from NB Power!
- Funding also from the WA-CIN
- We installed 528 LEDs, 45 high efficiency shower heads and 197ft of hot water pipe wrap
- For low income residents
- Over 50 homes visited
- 30,000kwh (8.7 tonnes of GHGs) saved annually now!

EOS Home Energy Efficiency Program

LED Light Bulbs – High Efficiency Showerheads – Hot Water Pipe Wrap

To qualify:

- You must pay for your hot water and power costs
- Live in the Tantramar, NB region
- Priority given to low-income households*



Deadline to sign up: July 8th, 2016.

Installs by EOS staff between July 11th and August 12th, 2016

Spaces are limited. Contact EOS Eco-Energy with your name, address, phone number, email address, and proof of income.
536-4467 or eos@nb.abm.com

*Low income is defined by NB Power as \$26,500 for one-bedroom (1 person), \$33,500 for two-bedroom (2-4 people), or \$40,000 for a three-bedroom (5 or more family members)



EOS ECO-ENERGY
ECO-ENERGY



Draft-Proofing Work Parties: A Pilot Project

- WA-CIN and GIF provided funding
- 3 parties for low-income homeowners to test it out
- 3 hour work party
- Enercheck Solutions used blower door, taught everyone what to do
- On average a 15-20% reduction in drafts!
- 3-7 tonnes of emissions saved annually per house!
- Home Hardware donated some materials and Royal LePage Atlantic sponsored 3rd party!



Membership Drive

- Funding from Renaissance Sackville to increase our membership
- EOS summer student contacted previous members
- Made Youtube video to promote EOS
- Held member events in fall and winter
- Drafted a new updated brochure
- New logo and branded merchandise
- Increased members from 18 to 48 members and growing! (More than 2 and a half times more members!)



At the Fall Meet and Greet

EOS Plans for 2017-18 & Beyond

- Watershed committee and monitoring program
- Emissions reduction project
 - Waste reduction activities
 - Compost bin bulk purchase and DIY workshops
 - Resiliency Workshop Series
 - Education and outreach
 - Climate Change Week
 - Climate Collaborative
- Draft-proofing work parties
- Beausejour Renewable Energy Co-op Ltd.
- And more!

Financial Report

'EOS Eco-Energy Inc.

'Income Statement 04/01/2016 to
03/31/2017

'

'

'REVENUE

'Revenue

'Comm. Inclusion Network -United Way	5000
'Dept. of Environment (ETF)	50000
'Green Investment Fund - Mt. A	2000
'Canada Summer Jobs	4160
'Municipalities	999
'Royal LePage	500
'Bull Frog (Solar CoOp)	5000
'Nature NB Consulting	5000
'Donations	122
'Memberships	710
'Interest Revenue	0.11
'Sales	338.5
'Fundraising Revenue	762
'Other	462.07
'Total Revenues	<u>75053.68</u>

'TOTAL REVENUE

75053.68

'EXPENSE

'Payroll Expenses

'Wages & Salaries 49282

'El Expense 1263.8

'CPP Expense 2226.27

'WHSCC Expense 133.74

'Total Payroll Expense 52905.81

'General & Administrative Expenses

'Accounting & Professional Services 1333.02

'Advertising & Promotion 562.97

'Courier & Postage 308.82

'Insurance 501.91

'Interest & Bank Charges 192.2

'Materials & Office Supplies	2602.1
'Meeting Expenses	355.48
'Membership Services	275.6
'EOS Workshops & Conferences	1123.05
'Other Workshops, Conferences	20
'Travel & Lodging	1267.07
'Miscellaneous Expenses	79.95
'Rent	2479.44
'Telephone	1428.26
'Utilities	135.45
'Total General & Admin. Expenses	<u>12665.32</u>
 'TOTAL EXPENSE	 <u>65571.13</u>
 'NET INCOME	 <u>9482.55</u>

'Generated On: 05/21/2017

'EOS Eco-Energy Inc.

'Balance Sheet As at 03/31/2017

'

'

'

'ASSET

'Current Assets

'Advance Savings (Renew) SIU 20-4

22.23

'Advance Savings Credit Union 09-4

250

'Advance Savings Pay as You Go 10-4

33416.48

'Total Cash

33688.71

'Accounts Receivable

1565.73

'Total Receivable

1565.73

'HST 50% rebate receivable

736.53

'Total Current Assets

35990.97

'TOTAL ASSET

35990.97

'LIABILITY

'Current Liabilities

'Accounts Payable	1575.57
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'WHSCC Payable	321.33
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'Total Current Liabilities	1896.9
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'TOTAL LIABILITY	1896.9
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'EQUITY

'Retained Earnings

'Retained Earnings - Previous Year	24611.52
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'Current Earnings	9482.55
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'Total retained earnings	34094.07
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'TOTAL EQUITY	34094.07
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'LIABILITIES AND EQUITY	35990.97
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'Generated On: 05/21/2017

Retirements and Appointments

Retiring Board Members - Thank you for your service to the board!

- David Lieske (Sackville community representative)

Re-election

- Roland Chiasson

Nominees for election to the board:

- Sean Lemoine
- Marianne Vella

****New officer appointments will be made at the next board meeting**

The Nominees

Marianne Vella Dickson

Marianne Vella Dickson was born in Toronto, Ontario, where she pursued an Hon. B.A. in Psychoanalytic Thought and Literary Studies, with a Minor in Visual Studies at Uof T. She has worked as a French language high school supply teacher, a magazine editor, and had a rewarding career as a bartender and server in the heart of the city. She has also produced many commissioned paintings in oils and acrylics over the years. Marianne participated in RAW (Riverdale Art Walk) and Workman Arts Madness and Arts World Festival as a volunteer. She helped to organize and curate, and successfully showed and sold her own pieces, in both 3rd Rail'd at the Gladstone Hotel, and at an auction fundraiser at Hemingway's to support CAMH (Centre for Addiction and Mental Health) in Toronto. New ventures have brought Marianne and her husband to New Brunswick where they are renovating a century home they bought on the internet. In addition to raising ducklings and children, they are building solar panels, a compost water heater, and an organic garden. In the meantime, Marianne is developing a product line of edible flowers and herbs. She currently resides in Little Shemogue, New Brunswick with her family.

The Nominees

Sean LeMoine, MSc.

Originally from Nova Scotia, Sean has been working for the past year and half as a biologist with the Canadian Wildlife Service (CWS) out of Sackville, NB. He has worked in the environmental field in various capacities for 15 years with experience ranging from an environmental regulatory consultant in the oilsands to a lizard trapper/field technician in New Zealand. While employed with Parks Canada in Alberta, he volunteered for five years as a member of a community green team (community sustainability group) and acted as the group's president for three years. He has a passion for wild places, addressing light pollution, and the environment in general.

Proposed Bylaw Amendment

The board of directors wishes to add the following to the bylaws:

When necessary because of a time constraint, the Executive of the Board of Directors may propose that motions be considered via electronic media according to procedures acceptable to the Board. The Secretary shall record the electronic voting results of such motions, and they shall be read into the minutes of the next Board of Directors meeting.

Silent Auction Results

Thank you for bidding and thank you
to all the local businesses for
generous donations!



Adjournment

Thank you! Merci!

Would you like to be a member, get our newsletters or volunteer? Please get in touch.

www.eosecoenergy.com ~ eos@nb.aibn.com ~ (506) 536-4487

