

**Transportation Association of Canada (TAC)  
TAC 2011 Spring Technical Meetings**

**ENVIRONMENT COUNCIL MEETING**

**Friday April 15, 2011, 09:00-17:00 hours  
Delta Ottawa City Centre, Ottawa, ON**

**MINUTES**

**Council members present:**

Scott Hanna (Chair)	Hatch Ltd.
Kimber Osiowy (Vice Chair)	Manitoba Infrastructure and Transportation
Allan Widger (Past Chair)	Allan Widger Consulting
Elaine Aucoin	City of Moncton
Rhonda Batchelor	Government of the Northwest Territories
David Boudreault	Ministère des Transports du Québec
Maya Caron	Stantec
Heather Crewe	Ontario Good Roads Association
Eric Dominique	LVM Inc.
Rico Fung	Cement Association of Canada
Graham Gilfillan	International Road Technologies Inc.
Clark Gunter	Ecoplans Ltd.
Cathy Hainsworth	Transport Canada
Bob Hodgins	Independent consultant
Amir Iravani	Dillon Consulting Ltd.
Paul Kalashnikoff	AMEC Earth& Environmental
Arto Keklikian	National Capital Commission
Carol MacQuarie (for Kim Daley)	New Brunswick Department of Transportation
Peter Noehammer	City of Toronto
Bill Pacholka	Saskatchewan Ministry of Highways and Infrastructure
Roger Pottle	Newfoundland and Labrador Transportation and Works
Jim Rockwood	City of Hamilton
Russ Smith	Transport Canada
Don Snider	Alberta Transportation
Shelley Tapp	Ontario Ministry of Transportation
Brian Thompson	Prince Edward Island Transportation and Public Works
Ian Upjohn	SNC Lavalin
Sandra Majkic (Secretary)	TAC Secretariat

**Also Present:**

Marylène Cormier	Transport Canada
Michel Gravel	TAC Secretariat
Patrice Leblanc	Fisheries and Oceans Canada
Chloe Stuart	Ontario Ministry of Natural Resources

**Council members not in attendance:**

Brian Adeney	EBA Engineering
Shelley Alexander	City of Calgary
Barry Belcourt	City of Edmonton
Kenneth Boyd	City of Winnipeg
Greg Czernick	British Columbia Ministry of Transportation and Infrast.
Romualdo D'Ippolito	City of Brampton
William Ferreira	Canadian Construction Association
Ron Gerbrandt	Saskatchewan Ministry of Highways and Infrastructure
Annick Le Floch	Ville de Montréal
Gary Mayhew	Ledcor Alberta Ltd.
Bob Pett	Nova Scotia Department of Transportation and Infr.
Brad Sacher	Board liason
Morton Satin	Salt Institute
Alec Simpson	Transport Canada
Rob Walker	Yukon Department of Highways and Public Works
Kelly Yuzdepski	AECOM

*Attachment #1-* 2011 Environmental Achievement Award Nominations

*Attachment #2-* Angela Buckingham Bio

*Attachment #3-* EALSC Report

*Attachment #4-* EIMSC Report

*Attachment #5-* Systems for Incorporating Full Environmental Costs into Decision Making

*Attachment #6-* CCTF Report

*Attachment #7-* Ontario's Endangered Species Act Update

*Attachment #8-* TAC Executive Director's Report

*Attachment #9-* Transport Canada Species at Risk Activities

*Attachment #10-* Definition of Sustainable Transportation

*Attachment #11-* E-mail from Greg Czernick with BC Roundtable Items

## 1. Welcome and Introduction

S. Hanna welcomed participants to the meeting and conveyed the regrets of Council members who could not attend. He noted that the Council has recently welcomed the following new members: Shelley Alexander (City of Calgary replacing Avalin Nyairo), Greg Czernick (BCMOT, replacing Angela Buckingham), Mortin Satin (Salt Institute, replacing Dick Hanneman), Peter Noehammer (City of Toronto), Amir Iravani (Dillon Consulting), David Boudreault (MTQ, replacing Thérèse Trépanier) and Eric Dominique (LVM, replacing Keith Foster). He expressed his thanks to the new members for their interest in the Environment Council's work.

S. Tapp announced that she will be leaving the Council due to changes in her job responsibilities. A new representative from the Ministry of Transportation will be appointed shortly. Ms. Tapp thanked the Council for their support and excellent work over the years.

## 2. Review and Approval of Agenda

S. Hanna drew attention to the agenda that was circulated prior to the meeting. Mr. Hanna informed participants that two presentations from the federal agencies had been cancelled due to elections. R. Smith offered to provide an update on the Species at Risk program activities. B. Hodgins also offered to provide an update on the Smart About Salt program. S. Hanna reminded participants that some further discussion on the proposed definition for sustainability will be required. No further suggestions were offered and it was **agreed by motion** (D.Snider/B.Hodgins) that the agenda be adopted as amended.

## 3. Minutes of Past Meeting in Halifax

S. Hanna drew attention to the September 2010 meeting minutes, which had been circulated to the Council well in advance. He invited comments or additions; none were offered. It was **agreed by motion** (C. Gunter/I.Upjohn) that the minutes be approved as circulated and posted on the TAC website.

<i>Action 1: S. Majkic</i>
----------------------------

## 4. Chair's Report

The Chair reported that the Board of Directors was informed about the Council's activities during his report at their meeting in Halifax. They had been informed about the tracking issues activities, Council's discussions on Red Chris mine decision, aboriginal consultations and definition of sustainability.

S. Hanna delivered a report on the activities of the Council Executive since the fall 2010 meeting. He reported that the Executive met twice via teleconference on December 10 and February 11 to review and follow up with action items from the meeting in Halifax, discuss Council membership as well as develop a spring meeting agenda. The Executive sent thank you letters to departing Council members Angela Buckingham and Dick Hanneman.

The Chairs of all four Councils and Climate Change Task Force (CCTF) met in Halifax and convened via teleconference a few times to discuss issues of mutual interest. A breakfast meeting had been scheduled on April 17. The Council Chairs' agenda included items of mutual interest such as common definition of sustainability, formation of 511 Task Force initiated by the Chief Engineers' Council as well as ongoing and future projects.

## 5. TAC Awards

S. Hanna reported that there were six nominations for the 2011 Environmental Achievement Award (*Attachment #1*). The review panel will meet shortly after the spring meeting to select the winning nomination. Mr. Hanna thanked the members of the review panel (C. Gunter, D. Snider, B. Thompson, I. Upjohn and K. Yuzdepski).

Mr. Hanna invited nominations for the Award for Service and Distinguished Service Award. D. Snider suggested Angela Buckingham be nominated for the Award for Service. G. Czernick and S. Hanna prepared a short bio that was presented to the Council (*Attachment#2*). It was **agreed by motion** (R. Pottle/B. Thompson) that A. Buckingham be nominated for the Award for Service.

It was further **agreed by motion** (R. Fung/D. Snider) that Thérèse Trépanier be nominated for the Distinguished Service Award. R. Fung is to provide a short bio to support Ms. Trépanier's nomination.

<i>Action 2: R. Fung</i>
--------------------------

## 5. Standing Committee Reports

- **Environmental Advisory & Legislation (EALSC) Report**

C. Gunter, Chair of the EALSC delivered an overview of the committee's activities and discussions (*Attachment #3*).

Mr. Gunter reported that the committee discussed recent amendments and related work to Federal Environmental Legislation. The committee earlier provided feedback to the Navigable Waters Protection Program (NWPP) in regard to their activity to convert the Order into proposed Regulations. New discussion paper is being circulated for comments addressing some of the TAC concerns raised in July 2010. Mr. Gunter noted that the document is getting closer to become an official document with lesser opportunities to provide any feedback.

The five year review of the Salt Management Code of Practice was scheduled for release early this year by Environment Canada. The options are being considered to set the policies in dealing with the source water pollution.

Mr. Gunter noted that no update had been received on the Migratory Birds Convention Act in regard to incidental takes. The changes are expected by fall.

R. Smith offered to prepare brief updates on seven key federal environmental legislations and share with the Council shortly after the meeting.  
(*Note: The summary was provided on May 17 and it is enclosed*).

The committee recommended the construction monitoring and accountability be selected as a theme for a workshop at the 2012 conference. After some further discussion it was **agreed** that it be discussed as a roundtable item at the next standing committee meeting and scope of a workshop be defined at that junction. It was suggested that a reminder be sent to the members a month in advance in order to prepare for discussion.

**Action 3:** *S. Majkic, Council members*

In conclusion, C. Gunter announced departure of L.MacAusland from the committee and introduced the new Executive of EALSC as follows: Chair- C. Gunter, Vice-Chair-D. Snider, Secretary-Maya Caron.

- **Environmental Issues Management ( EIMSC) Report**

B. Pacholka, Chair of the EIMSC, delivered an overview of that committee's activities and discussions (*Attachment #4*). Mr. Pacholka reported that the committee received updates on the various projects as well as updates on activities of the Climate Change Task Force. The committee also received a presentation on the SHRP II program by Mr. Steve Andrie. Mr. Pacholka drew attention to the newly identified issues as well as those with a high priority in the committee's issue tracking table. Amongst the newly identified issues were: invasive plant species, climate change in the environmental assessment process, duty to consult, incidental take policy and environmental standards used in remote areas.

Mr. Pacholka identified some potential topics for the next Council meeting. As per the committee's recommendation it was **agreed** that a speaker be invited to provide an overview of the invasive plant species (i.e. *Phragmites australis*). It was further suggested that the presentations, which were cancelled due to elections be rescheduled at the future meetings. After some discussion, it was agreed that the regional staff be invited at the meeting in Edmonton to cover those topics from a regional perspective. The Executive will take these suggestions into consideration while developing an agenda for the next meeting.

**Action 4:** *Executive, S. Majkic*

In conclusion, Mr. Pacholka announced a nomination of P.Kalashnikoff as a new Secretary of the committee replacing S. Tapp. The nomination is pending confirmation by the employer.

## 6. Smart about Salt Program Update

B. Hodgins reported that the program was initially developed in the Region of Waterloo and was intended for private contractors and property managers to help them adopt the best practices in reducing the use of salt without compromising public safety. Based on the program success, the Smart About Salt Council was formed and amongst its members are Building Owners and Managers Association, Region of Waterloo, Landscape Ontario Horticultural Trades Association as well as Ontario Good Roads Association. A group within the federal government is interested in greening the federal facilities and is supportive of the program.

The goal is to promote good snow and management practices by educating and offering adequate training programs that help to protect the environment. Mr. Hodgins noted that the program received a support from the insurance companies, which are prepared to offer reduced premiums to all who are offering the program.

B. Thompson enquired how interested municipalities can learn about the program and its benefits.

B. Hodgins suggested contacting him directly or visiting their website at <http://smartaboutsaltcouncil.roundtablelive.org/>. However, the program is not currently offered outside of Ontario. Once the program gets well established in Ontario, the intent is to start offering it in other provinces.

## 7. Systems for Incorporating the Full Environmental Cost into Decision Making

S. Tapp provided a presentation with some highlights from the report circulated prior to the meeting (*Attachment #5*). She noted that increasing environmental requirements from regulatory agencies keep raising questions about the environmental cost into infrastructure work. A workshop was held in Halifax last fall to explore approaches and process to incorporate such costs into decision-making processes. It was found that most jurisdictions don't track such cost related to highway construction. They are rolled up into the project construction cost. No common definition of an "environmental cost" vs. "engineering cost" was found, neither was a common percentage of such cost. Therefore, it was recommended that TAC considers this issue for further elaboration through a sponsored project with the objective to develop a national guideline.

R. Smith suggested that a working group be formed to draft a scoping statement, project objective and value. B. Hodgins felt that the Council should have some discussion on what is the particular issue that needs to be resolved. S. Tapp clarified that one of the major issues is how to obtain the appropriate funding to cover the costs such as those for species at risk assessment and mitigations, consultations with the First Nations etc. J. Rockwood offered his opinion that the cost may vary from 5%-40% depending on a project. Mr. Rockwood felt that unless there is a particular project in question, one would always be guessing a percentage of the environmental cost. I. Upjohn agreed and added that it may depend on how a project was delivered (i.e. P3 vs. conventional). K. Osiowy observed that the project objective may be too onerous, but perhaps worthwhile exercising.

After some further discussion it was **agreed** that D. Snider who helped with the workshop, prepares a draft scoping statement for Council's further discussion at the meeting in Edmonton.

<i>Action 5: D. Snider, Council members</i>
---

## 8. Climate Change Task Force Update

G. Gilfillan, Chair of the Climate Change Task Force, provided an update on the recent activities of the CCTF (*Attachment #6*). Mr. Gilfillan noted that a written report on the CCTF activities was made available at <http://tac-atc.ca/english/councilsandcommittees/operatinginfo/spring-info.cfm> prior to the meeting.

Mr. Gilfillan reported that the CCTF is reviewing its role and considering the remaining work, based on the results of the survey conducted in the fall. The survey revealed top issues and key barriers to address climate change impacts and also identified the useful tool to address the climate change. The CCTF is seeking members' suggestions for featured TAC News articles as well as for the future conference sessions.

Mr. Gilfillan reminded participants that the Canadian Standards Association (CSA) is seeking review of and input to a draft National Guideline on Rainfall IDF Values. The draft document for review and comments is available at [https://review.csa.ca/opr/opr\\_about.asp?loc=CAN](https://review.csa.ca/opr/opr_about.asp?loc=CAN).

## 9. Ontario's Endangered Species Act Update

Chloe Stuart, Species at Risk Branch Manager with Ontario Ministry of Natural Resources delivered a presentation on purpose and features of the Species at Risk Act and its application in Ontario (*Attachment #7*). Ms. Stuart talked about occurrences of threatened and endangered species, their assessment, protection and recovery. She provided some comparison between the old and new legislation and described the flexibility provisions. Ms. Stuart drew attention to a few case studies as examples for various permits.

I. Upjohn enquired about the maps availability and how they can be obtained. Ms. Stuart explained that data management had been a challenge. While infrastructure has been available, there had been a continuous effort to promptly disseminate the information.

H. Crew noted that the Ontario Good Roads Association (OGRA) will be assisting in disseminating the information. Ms. Crew remarked that OGRA members expressed their frustration with inconsistencies and timelines for obtaining the permits. Sometimes, the process causes delays in construction projects. That affects not only construction, but also maintenance projects. Ms. Stuart explained that the program is new and there have been some obstacles during the transition period. She acknowledged that limited time was dedicated to maintenance projects during the transition period.

J. Rockwood enquired about provisions for emergency work and if emergency work protocols fit beyond human health and safety permits. Ms. Stuart was not able to provide a response at the time, but she would be able to confirm.

Mr. Hanna thanked Ms. Stuart for her presentation and noted that the presentation provided lots of valuable information for Council members.

## 10. TAC Secretariat Report

Michel Gravel, TAC Executive Director, delivered a report on the activities of the Board and Secretariat since the September 2010 meetings. Mr. Gravel drew attention to the report that was circulated to the Council beforehand (*Attachment #8*) and provided a few highlights of interest to the Council.

TAC has completed another successful year in terms of technical programs, membership, volunteer participation, member services, networking opportunities, and bottom line results. Membership numbers have stabilized at approximately 535 despite amalgamations and mergers and the economic downturn.

For first time, TAC introduced on-line registration for the spring technical meetings and will continue tracking attendance. The record indicated participation of over 350 members. The conferences continue to be well attended as well. Last year's conference in Halifax was very successful with ±950 delegates despite the downturn in the economy

The TAC Board of Directors approved recommendations from the French Language Services Task Force and tasked the Secretariat with implementation. The recommendations mostly apply

to communications and interpretation services provided at the conferences. The Board also approved the allocation of seed money from previously restricted funds to develop a work program and budget for TAC's Centennial.

Mr. Gravel noted that the Board is reviewing proposed process for developing new business plan. He encouraged members to favorably respond to the forthcoming invitation for participation in consultation activities.

R. Smith acknowledged retirement of the Secretariat's long time employee G. Morrier and enquired if some time would be dedicated to reflect his contribution to the Association. M. Gravel noted that Mr. Morrier dedicated over 38 years to the Association retaining lots of corporate knowledge. He had returned to the Secretariat as a consultant helping with organizing the TAC Centennial. Mr. Gravel remarked that Mr. Morrier will be receiving an award at the reception on Saturday night.

The Executive thanked Mr. Gravel for his report and praised an excellent work by the Association.

## **11. Habitat Management Program Update**

Patrice LeBlanc, Director, Habitat Protection at Department of Fisheries and Oceans, provided an overview of the program structures and current activities. Mr. LeBlanc noted that the programs within the department had been reorganized and habitat management now falls under the policy programs. Mr. Leblanc talked about the current work and challenges as well as operational policies and departmental framework in development. He mentioned that the department is revisiting habitat compensation guide released in 2002 and noted that compensation policy in the future will be referred to as offset or mitigation policy. Some discussion took place on habitat banking and future guidance on that practice. Mr. LeBlanc suggested S. Majkic follow up and requests a copy of the habitat banking report if available for Council's distribution.

<b>Action 6:</b> S. Majkic
----------------------------

R. Bachelor expressed her concern that compensation sites may not be accessible and enquired if such instances will be considered when policies are developed. Mr. LeBlanc acknowledged the complexity of issues to provide compensation and find appropriate sites in pristine areas. He noted that such issue is being considered.

A. Widger enquired whether there is some hierarchy of habitat types. Mr. LeBlanc explained that hierarchy of priorities exists, based on criteria such as changes in production capacity or whether the undertaken work provides some improvements or limitations to habitats.

D. Snider expressed his concern about the lack of guidance provided to the agencies and complexity of a process to obtain an approval. Mr. Leblanc agreed that process should be more transparent, better documented while identifying the issues and required steps to complete the process. He continued that intent is to provide more guidance to the agencies and ensure that local office managers are available to assist the clients. Mr. LeBlanc informed members about a Canada-Alberta workshop on regulatory improvements in May, which will include stakeholders such as Environment Canada, Transport Canada, Canadian Environmental Assessment Agency etc.

S. Tapp offered to share with the Council some relevant documents on offset and compensation programs.

**Action 7: S. Tapp**

After some further discussion, the participants expressed their gratitude to Mr. LeBlanc for provided information and guidance.

**12. Transport Canada Species at Risk Activities**

R. Smith, Senior Environmental Advisor with Transport Canada delivered an overview of activities within Transport Canada to maintain in compliance with the federal Species at Risk ( SAR) Act (*Attachment #9*). Mr. Smith talked about the available guidance material and reported on the July 2010 workshop organized in cooperation with Environment Canada and Fisheries and Oceans Canada. The outcome of the workshop was documented in a report. He further talked about activities around benchmarking of species at risk on or near Transport Canada properties. S. Hanna noted that benchmarking will help with identifying the issues and properly assigning field staff to make assessment. Mr. Smith noted the SAR Procedures Manual, which includes some cases studies. He referred to a Killer Whales case in which whales were attracted by vessels' propeller noise and thus endangered. Department of Fisheries and Oceans is conducting that study. Mr. Smith will be able to provide the contact name, if requested.

R. Bachelor expressed her concern about inconsistency and availability of data. R. Smith reported that NatureServe Canada has authority and privilege of connecting the provincial and territorial conservation data base. The current technology allows field crew to collect the data and instantly send for storage to NatureServe Canada.

S. Hanna thanked Mr. Smith for the update and information shared with the Council.

**13. TAC Annual Conference in Edmonton**

C. Hainsworth reported on the activities related to the workshop on duty to consult. She sought Council's guidance on workshop objective and expectations. It was **agreed** that the workshop should provide some insights into federal requirements for consultations. Some questions expected to be answered were: what is considered a "successful" consultation, how proponents receive confirmation that the requirements were fulfilled, what is the mechanism to coordinate federal and provincial requirements. It was suggested that some success stories be shared with participants. Ms. Hainsworth reported that speakers will share provincial (two speakers), territorial (NWT) and federal perspective (Indian and Northern Affairs Canada).

R. Fung suggested that a workshop be considered at completion of the Synthesis of Canadian Environmental Best Practices for Highway Construction, Operation and Maintenance project to introduce the document and provide information on the contents. He noted that the Urban Transportation Council is considering a workshop at completion of the Green Guide for Roads Guide project. It was **agreed** that this suggestion be revisited for future conferences.

- **Fall Meeting Agenda Items**

It was suggested that a representative from Indian and Northern Affairs Canada be invited for a presentation at the Council meeting in Edmonton. C. Hainsworth will be in touch with S. Majkic when agenda is developed.

**Action 8:** C. Hainsworth, S. Majkic

R. Fung suggested that an update on the Green Guide for Road project be added to the agenda.

**Action 9:** Executive, S. Majkic

The Council members were invited to provide their suggestions for agenda items by the end of May.

**Action 10:** Council members

#### **14. Roundtable Discussion on Emerging Issues, New Legislation, Tools and Projects Related to Environment Council**

S. Hanna opened the roundtable discussion inviting members to share their topics/issues of interest. Mr. Hanna suggested roundtable begins with discussion on definition of sustainable transportation. He provided some background explaining that the Chair of the Environment Council assumed the role of leading discussion on developing a common definition for sustainable transportation that will be used by all TAC committees. Mr. Hanna further explained that he continued in such role after Ms. Trépanier stepped down as the Chair and for initial discussion he offered definition by University of Manitoba's Centre for Sustainable Transportation (*Attachment #10*).

R. Fung noted that the Green Guide for Roads steering committee will be discussing definition of sustainable transportation and suggested sharing the outcome of such discussion with the Council Chair. S. Hanna agreed and committed to follow up with R. Fung and C. Gunter, consultant on the project before further discussion takes place.

**Action 11:** S. Hanna

- D. Boudreault reported about MTQ's work and consultations in progress for guidance on salt management in sensitive areas.
- A. Iravani mentioned about the current work that Dillon Consulting is doing for the Insurance Bureau of Canada in regard to climate change and its impact on infrastructure. Mr. Iravani offered to provide a presentation to the Council meeting subject to Executive's approval. He also noted that once the document becomes available, he may be able to share it with the Climate Change Task Force.

**Action 12:** A. Iravani, Executive

- M. Caron enquired if Council members can share any experiences/examples of highway bypass and its impact on business communities. Members who can provide some relevant information are encouraged to contact Mc. Caron directly at [Maya.Caron@stantec.com](mailto:Maya.Caron@stantec.com)
- P. Noehammer reported about the efforts in the City of Toronto to develop a risk-based processes to understand and better manage environmental and climate risks. The initiative had been nominated for the 2011 Environmental Achievement Award. Mr. Noehammer offered to provide a presentation at the Council meeting, subject to Executive's approval. He suggested a joined presentation with A. Iravani.

<p><b>Action 13:</b> Executive, P. Noehammer</p>
--

- H. Crewe informed the Council about activities within Ontario Good Roads Association (OGRA) related to preliminary discussions with First Nations and assistance they offered to the First Nations in regard to information on engineering standards.
- S. Tapp mentioned the Green Leadership Award sponsored by the Ministry of Transportation Ontario (MTO) in partnership with OGRA. The Award is conferred upon the best "greening" efforts and every year presented on the Earth Day by the Minister.

In addition, Ms. Tapp noted that MTO developed a sign to warn motorists about small animals crossing roads within areas where they are endangered. The sign is under review by the traffic committee and if approved it may be used as possible mitigation effort.

- D. Snider reported on number of projects currently underway in Alberta and expressed his concern about the projects that were stalled due to delayed responses by DFO. He expressed his concerns about the approval processes resulting in project delays.
- A. Widger informed participants about the updated Saskatchewan environmental legislation. Mr. Widger spoke briefly about the process to update the legislation and noted that more information may be provided in the fall.
- K. Osiowy informed the Council members about the efforts made in his organization to streamline the work with DFO and reduce the paperwork for small or medium projects. He noted a good relationship with local DFO offices.
- S. Hanna informed participants that the environmental assessment certificate had been received for Evergreen Line Rapid Transit project in British Columbia. Four First Nations were involved in consultations and were provided some financial support by the project.
- S. Hanna read an e-mail sent by G. Czernick with items to be shared with the Council members (**Attachment #11**)
- B. Pacholka reported about the level and intensity of recent rainfall events in Saskatchewan. He also reported about the activities related to the national highway system.
- R. Bachelor informed the participants about a new, 600 km, gravel surface road being built. The road is funded by the Government of Northwest Territories and will form a part

of the national system. Ms. Bachelor noted a great partnership with different aboriginal groups, who were involved as partner proponents from the process inception. Since Aboriginal Elders are contributing with their knowledge and are included in the project steering committees, decisions are made quicker resulting in a smooth project development.

Ms. Bachelor also talked about environmental liabilities and efforts made to identify contamination sites for what liability funds are to be used.

- J. Rockwood mentioned about the Canadian Environmental Certification Approvals Board and its activities related to professional designations. He encouraged interested members to apply for certification.

In addition, Mr. Rockwood also reported about the Environmental Management Plan for the City of Hamilton.

- B. Thompson reported on activities within the P.E.I. Department of Transportation and Infrastructure Renewal including challenges they face due to climate change, successes with consulting the First Nations as well as their new habitat bank projects.
- R. Fung informed about the new GU type cement that will soon be available on the Canadian market. Mr. Fung talked about its performance and sustainable benefits.
- R. Pottle remarked that the Newfoundland and Labrador Transportation and Works is trying to encourage contractors to provide and follow their mitigations plans as part of tender processes. Mr. Pottle enquired about approaches other agencies take in this regard.

D. Snider noted that Alberta is facing the same challenge and is trying to introduce penalties to contractors for not following their mitigation plans. S. Hanna suggested contacting G. Czernick and enquire about their tender evaluation scheme, which includes certain points/ monetary penalties related to mitigation activities.

- R. Smith reported about Transport Canada activities related to revamping the environmental management system practice for operations.
- I. MacCallum talked about climate change adaptation initiatives within the Nova Scotia Department of Transportation and Infrastructure.

## 15. Summation & Closing Remarks

Mr. Hanna thanked all members and guests for participating in the meeting and sharing their expertise and experience. Mr. Hanna enquired about new Council members' thoughts after attending their first meeting. The members felt that lots of good ideas were shared at the meeting and expressed their regrets that a few presentations had been cancelled. It was suggested that an attempt be made to secure speakers on these topics at the future meetings.

<i>Action 14: Executive, S. Majkic</i>
--

S. Hanna also thanked S. Tapp for her enthusiasm and contributions made to the Council over the years. The participants acknowledged Ms Tapp's contribution with a round of applause and wished her the best in her future endeavors.

The Council was informed that the next Council meeting is on **Saturday, September 10 in Edmonton.**

No other business was discussed and it was **agreed by motion** (S. Tapp/D. Snider) that meeting be adjourned.

---

Prepared by: S. Majkic  
Distributed on: May 16, 2011