



# Information Bulletin

## October 5, 2009

### MEIA Gold Charter Members



### Silver Charter Member





## MEIA Information Bulletin for October 5, 2009

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## **MEIA**

### ***MEIA Events***

#### **Speed Mentoring Event a Huge Success**

On Wednesday, September 30, 2009, a capacity crowd of students gathered for the first MEIA Speed Mentoring evening.

The event was very well received by both students and mentors, and based on the positive comments, will most likely become an annual event for Student Chapter members.

Our thanks to the following mentors for bringing their time and expertise to the tables:

Vaughn Bullough – Miller Environmental Corporation  
Marnie Kolach – Cantest  
Ryan Kustra – Manitoba Hydro  
Prashant Rajukar – Boeing  
Fred Riddle – MTS Allstream  
Denis Smith – Inn at the Forks – representing the Manitoba Hotel Association

It couldn't have happened without you!

## **Water Workshops**

October 7, 14, & 21, 2009  
1000 Waverley Street  
Winnipeg, Manitoba

Registration: 11:30 a.m.  
Lunch: 12:00 – 1:00 p.m.  
Presentations: 1:00 – 4:00 p.m.

The MEIA will be hosting three half-day workshops in October 2009. The workshops will address the following issues:

### ***Session #1 October 7, 2009 - LAKE WINNIPEG FULL***

Topic: The Status and Health of Lake Winnipeg  
Speaker: Greg McCullough, Centre for Earth Observation & Science (CEOS),  
Department of Geography, University of Manitoba

The presentation will be followed by a facilitated discussion on potential solutions.

Thank you the following Bronze Sponsor of this event!



### ***Session #2 October 14, 2009 REGULATIONS***

Topic #1: Drinking Water Supply & Treatment System  
Speaker: Duane Griffin, City of Winnipeg

Topic #2 Groundwater  
Speaker: Michael Bertram, Sr. Environmental Engineer  
AMEC

**Session #3** *October 21, 2009 WASTEWATER*

Topic #1: Nutrient Removal in Cold Climate Lagoon Systems  
Speaker: Martin Hildebrand, Nelson Environmental

Topic #2: Treatment Plant Removal: The Nitrogen Debate  
Speaker: Nicholas Szoke, City of Winnipeg

Registration Fees:

Members:	\$ 75 per session (plus GST)
Prospective Members	\$125 per session (plus GST)
Student Members	\$ 25 per session (plus GST)
Prospective Student Members	\$ 50 per session (plus GST)

Registration fee includes lunch.

For further details and registration, contact the MEIA staff at 783-7090 or email to [admin@meia.mb.ca](mailto:admin@meia.mb.ca)

Our apologies for the delay in the activation of our on-line registration and payment process!

To view sponsorship opportunities, click [here](#)

## **Mould Requirements**

Presented by Terry Mitchell, Province of Manitoba.

Date & location to be determined

Check the MEIA website or contact the staff at 783-7090 to ask about this upcoming fall learning session!

## **Emerging Issues Conference:**

“Enhancing Our Environment through Innovation and Responsibility”

Date: Thursday, November 26, 2009  
Time: 8:00 a.m. to 4:00 p.m.  
Location: Fort Garry Hotel, 222 Garry St., Wpg., MB

This year's conference will focus on the following topics:

Alternative Energy  
Extended Producer Responsibility  
Corporate Social Responsibility  
Building Green/Green Building

### Registration Fees:

Early Bird

Members: \$200 (plus gst)      Prospective Members: \$275 (plus gst)

After November 1, 2009

Members: \$250 (plus gst)      Prospective Members: \$325 (plus gst)  
Student Members: \$25 (plus gst)      Prospective Student Members: \$60 (plus gst)

For sponsorship opportunities, click [here!](#)

Contact the MEIA staff at 783-7090 for further details and for registration.

## **Remediation and Prevention**

The MEIA Remediation and Prevention conference will be held on Thursday, February 25, 2010 at the Victoria Inn.

Mark your calendars!.

## **MEIA News**

### **Alliance of Manitoba Sector Councils**

The Alliance of Manitoba Sector Councils (AMSC) is offering a series of courses through Building Better Workplaces. As a member sector of the AMSC, MEIA is pleased to pass on the following course opportunities to MEIA members:

Building Better Supervisors:

Facilitating Teamwork	Fri. Oct. 9, 2009
Coaching Workers to Peak Performance	Fri. Oct. 16, 2009
Problem Solving	Fri. Oct. 23, 2009

All sessions take place at 1000 Waverley, from 8:30 – 11:30 am, at a cost of \$40.00 per session.

For more information or to register, please call the AMSC at 272-2962.

### **Manitoba Chapter, Canada Green Building Council**

The MEIA is collaborating with the Manitoba Chapter, Canada Green Building Council to support professional development events aimed at educating participants on the LEED rating systems, as well as Life Cycle Costing for Green Building Design.

For specific details on training dates and registration fees, visit their website [here](#) or [manitobachapter@cagbc.org](mailto:manitobachapter@cagbc.org)

### **Manitoba Initiatives for Sustainable Communities**

The MEIA continues to participate in ongoing meetings of the Manitoba Initiatives for Sustainable Communities committee.

This committee seeks to work with developers, planners, designers, architects, engineers and communities to create (in existing or new areas) projects which integrate features such as central green spaces, public transportation, mixed

housing, renewable energy and walkability to shopping and basic services. The intent is to create not only a forum for the exchange of innovative ideas to redesign communities to make them more liveable, but to be the place for people who want to see fundamental changes in how our urban environment is developed to work together to make it happen.

For more information, contact Daniel Lepp Friesen at [Daniel@dlfconsulting.ca](mailto:Daniel@dlfconsulting.ca)  
John Fjeldsted, Executive Director, MEIA at [jfjeldsted@meia.mb.ca](mailto:jfjeldsted@meia.mb.ca)

## **Website Launch**

MEIA is launching a new website complete with an on-line payment system. Watch for it!

## **General News**

### ***Local Interest***

#### **Government of Canada Announces Funding for Interlake Stewardship Project to Clean Up Lake Winnipeg**

September 24, 2009

On behalf of Canada's Environment Minister, Jim Prentice, James Bezan, Member of Parliament for Selkirk-Interlake, today announced \$8,400 in federal funding for an East Interlake Conservation District stewardship project that will help reduce the amount of phosphorous and nitrogen entering Lake Winnipeg.

"The East Interlake Conservation District's project to improve the sustainability of wastewater irrigation in the Interlake is another example of strong community partnerships matched with federal support to help clean up Lake Winnipeg", said Mr. Bezan. The Lake Winnipeg Basin Initiative continues to work along numerous fronts to promote long-term sustainability for the Lake and is a model for partnerships in watershed management across the country."

"Many municipal wastewater irrigation projects across Canada, the United States and globally are designed to relieve water demand for food production and to

improve landscape aesthetics in arid climates. The primary objective for water reuse in this study is to limit nutrient loading (along with other contaminants) to surface water pathways that directly lead to Lake Winnipeg,” said Mr. Darren Keam, industry partner with the East Interlake Conservation District.

The East Interlake Conservation District’s project will study wastewater irrigation as an alternative to depositing wastewater in waterways leading to Lake Winnipeg, helping to reduce nitrogen and phosphorous loading into Lake Winnipeg. Other projects supported through the Lake Winnipeg Basin Initiative’s second round included a University of Winnipeg project to determine points of nutrient deposits along waterways near Morden, Manitoba and the Cornerstone Agri-Environmental Group Plan Committee’s project to provide education on practices that will reduce agricultural inputs of phosphorous and nitrogen and improve water quality in Moose Mountain, Saskatchewan.

“These projects are examples of ongoing important federal contributions toward improving the health of Lake Winnipeg and its watershed. Funding for the Lake Winnipeg Basin Initiative is part of the \$18 million committed by the Government of Canada’s Action Plan for Clean Water. Previous funding of \$1.1 million for 14 Lake Winnipeg Basin Initiative stewardship projects was announced in June 2009” said Minister Prentice.

The Government of Canada is committed to ensuring all Canadians have access to clean, safe and healthy water, a reliable and secure supply of water, and that our water resources are used wisely, both economically and ecologically.

Letters of intent for the next round of stewardship projects to be funded under the Lake Winnipeg Basin Initiative will be accepted until October 1, 2009. For more information on project criteria and application process, please visit: <http://www.ec.gc.ca/paae-apcw/default.asp?lang=En&n=61284017-1>

Source: [www.ec.gc.ca](http://www.ec.gc.ca)

## **Government of Canada Announces Funding for Morden-Area Project to Help Clean Up Lake Winnipeg and its Watershed**

MORDEN: September 24, 2009

On behalf of Canada’s Environment Minister, Jim Prentice, Candice Hoepfner, Member of Parliament for Portage-Lisgar, today announced more than \$109,000 in federal funding to support the Morden Community Lead Environmental Action on

Nutrient Elimination and Removal (CLEANER) project, an initiative that will ultimately contribute to cleaning up Lake Winnipeg and its watershed.

“This funding, provided by the Government of Canada’s Lake Winnipeg Basin Initiative, will assist in developing products and practices that will promote long-term sustainability for Lake Winnipeg and its watershed. Projects such as this provide a model for partnerships in watershed management across the country” said MP Hoeppe.

“Through the combination of science, community action and environmental education, the Community Lead Environmental Action on Nutrient Elimination and Removal (CLEANER ) project will help reduce or even eliminate excess nutrients, entering and leaving Dead Horse Creek,” said Dr. William Buhay, the project’s principal investigator with the University of Winnipeg. “We anticipate that the CLEANER reduction model will ultimately benefit other communities in Manitoba and the U.S. as we all work together to improve the health of Lake Winnipeg.”

The CLEANER project, led by the University of Winnipeg, is a water sampling study that will determine entry points of nutrient deposits, such as nitrogen and phosphorous, along waterways near Morden, Manitoba. Other projects approved in this second round of the Lake Winnipeg Basin Initiative’s stewardship fund include the East Interlake Conservation District’s study of wastewater irrigation as an alternative to depositing wastewater in waterways leading to Lake Winnipeg, and the Cornerstone Agri-Environmental Group Plan Committee’s project to create awareness of practices that will reduce agricultural inputs of phosphorous and nitrogen and improve water quality.

“These projects are examples of ongoing important federal contributions toward improving the health of Lake Winnipeg and its watershed. Funding for the Lake Winnipeg Basin Initiative is part of the \$18 million committed by the Government of Canada’s Action Plan for Clean Water. Previous funding of \$1.1 million for 14 Lake Winnipeg Basin Initiative stewardship projects was announced in June 2009” said Minister Prentice.

The Government of Canada is committed to ensuring all Canadians have access to clean, safe and healthy water and that our water resources are used wisely, both economically and ecologically.

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Source: [www.ec.gc.ca](http://www.ec.gc.ca)

## **Province Strengthens Strategy for Healthy Waterways with \$1-Million Investment: Melnick, Struthers**

September 24, 2009

The province is strengthening its strategy for healthy waterways with an investment of \$1 million to protect and restore wetlands including Manitoba's largest marshes, Water Stewardship Minister Christine Melnick and Conservation Minister Stan Struthers announced today.

"As part of our comprehensive strategy to restore and protect the province's wetlands, we are providing Ducks Unlimited with a grant of \$300,000 to restore Manitoba's two largest marshes: Netley-Libau Marsh on Lake Winnipeg and Delta Marsh on Lake Manitoba," Melnick said. "Restoring two of the largest marshes of their kind in North America will add another dimension to our government's commitment to ensure the health of Lake Winnipeg and Lake Manitoba."

In addition to the \$300,000 grant to Ducks Unlimited Canada, more than \$500,000 will be directed this year to the Wetland Restoration Incentive Program for the permanent restoration of lost wetlands through the purchase of conservation easements. Another \$200,000 will be used to support the province's overall wetland protection program including development of new policies and protection measures, Struthers said.

"The cost of restoring our internationally significant wetlands is small compared to the tremendous benefits they provide by improving the water quality of our great lakes, reducing greenhouse gas emissions and providing wildlife habitat and wildlife-related recreation opportunities," said Struthers. "The Delta and Netley-Libau marshes are historically significant because early human populations relied on the wildlife living there. It's just another reason why wetlands form a critical part of our protected areas network."

Restoration of the Netley-Libau and Delta marshes is being guided by a working group led by Manitoba Water Stewardship and with representatives from the University of Manitoba, Ducks Unlimited Canada, Environment Canada, the International Institute for Sustainable Development, the Nature Conservancy of Canada and Manitoba Conservation.

"Large coastal lake marshes help to filter out excess nutrients such as nitrogen and phosphorous, and studies conducted by the International Institute for Sustainable Development have shown that restoring the Netley-Libau Marsh could reduce nutrient loading to Lake Winnipeg by as much as six per cent," said Henry Venema, director of the institute's Sustainable Natural Resources Management Program.

"Ducks Unlimited Canada is pleased to join the province, the University of Manitoba, the International Institute for Sustainable Development and other partners to begin

the restoration of our two great coastal marshes, Netley-Libau and Delta marshes,” said Bob Grant, manager of provincial operations for Ducks Unlimited Canada. “Water purification, carbon storage, fish, waterfowl and other wildlife habitat are just a few of these important services that have been lost or degraded over the years.”

“I applaud the provincial government for working closely with its many partners and for leading initiatives to rehabilitate Delta Marsh and Netley-Libau Marsh,” said Gordon Goldsborough, chair of the Lake Manitoba Stewardship Board and director of the University of Manitoba field station at Delta Marsh.

Netley-Libau and Delta marshes are both world-renowned lake marshes. Netley-Libau Marsh is designated as a Canadian Important Bird Area and is also a candidate for designation as a Manitoba Heritage Marsh by the provincial government. Delta Marsh is a Canadian Important Bird Area, a Manitoba Heritage Marsh and a site of international significance under the Ramsar, Iran, Convention on Wetlands.

Lake Winnipeg’s Netley-Libau Marsh has declined in size and lost much of its normal complement of plants. Sediment levels have increased in the marsh’s water. Lake Manitoba’s Delta Marsh suffers mainly from damage caused by the common carp, a species introduced from Europe by early settlers, which destroys underwater plants critical to the marsh’s function.

This year’s work on the large marshes will focus on undertaking biological and engineering studies necessary to develop scientifically sound plans to guide restoration efforts. Extensive discussions will occur with all stakeholders once plans are developed.

The ministers said this announcement builds on the province’s major investment announced in April of this year to protect ecologically significant lands in southern Manitoba. The Nature Conservancy of Canada is raising matching funds from other government and private contributors for a potential benefit of \$21 million for environmental protection in the province.

## **Province Announces New Rules for Sewage Disposal in Effect**

Focus on Protecting Human Health, the Environment: Struthers

September 28, 2009

The province is moving forward with aggressive new rules governing human sewage including a ban on new sewage ejectors and a ban on septic fields in sensitive areas, Conservation Minister Stan Struthers announced today.

“Manitobans recognize it is time to move beyond outdated and unsustainable ways of dealing with sewage in favour of more responsible methods,” Struthers said.

“That’s why I am pleased to announce strong new measures that will help protect human health and the environment.”

Effective immediately, the new regulations will:

- prohibit the use of a disposal field for new systems in sensitive areas, Crown land cottage developments, provincial parks and portions of the Red River corridor;
- prohibit the installation of new sewage ejectors and eliminate existing sewage ejectors at the time of any property transfer;
- require a two-acre minimum lot size for the installation of disposal fields;
- require hookup to municipal collection systems in serviced areas; and
- require municipal waste-water management planning.

The new measures are in addition to the ongoing work of the Enhanced Inspection Program (EIP), which commenced enhanced inspections in September 2008. Under the EIP, Manitoba Conservation has carried out 709 inspections of waste-water systems in targeted areas of the Red River Valley and cottage country to ensure compliance with provincial regulations.

The new regulations in effect today were first posted for public comment in January 2009 and consultations were extended into May.

“These important changes will help us address many of the problems caused by poor planning in previous decades,” Struthers said.

The new regulations build on previous provincial actions aimed at protecting Manitoba waterways and Lake Winnipeg, such as restrictions on phosphates in detergents and lawn fertilizers, wetlands restoration and protection, and the province’s regional hog moratorium.

Source: [www.gov.mb.ca](http://www.gov.mb.ca)

## **Province and University of Manitoba Put Final Touches on Riverbank Research Project in Winnipeg**

September 25, 2009

A research team directed by the faculty of engineering at the University of Manitoba has completed a test project on the bank of the Red River in south Winnipeg to determine more effective protection measures, Water Stewardship Minister Christine Melnick and officials of the University of Manitoba announced today.

The results of the research project will be used to help determine the most effective measures for protection and preservation of riverbanks in other areas of Manitoba as well.

“Manitoba riverbanks are affected significantly by human activities and nature’s forces which are major concerns for both local and provincial governments and river property landowners,” said Melnick. “We contributed funds to restore the riverbank habitat following the testing to examine the performance of natural vegetation as erosion protection and to improve the area.”

In a first-of-its-kind project, instruments were installed at the site, which provided engineers and scientists with new, important data about the loads to which the riverbank is subjected. The banks of the Red River are unique in their soil composition which increases the potential for riverbank instability. Other rivers in southern Manitoba such as the Assiniboine, Pembina and La Salle share these attributes.

“This test project has given us valuable data on how to better battle riverbank erosion,” said Dr. James Blatz, associate head of civil engineering at the University of Manitoba. “The contribution from the province was key in completing the project in an environmentally sustainable manner.”

The funding for the entire research project was a partnership between the University of Manitoba, Province of Manitoba, City of Winnipeg, Natural Science and Engineering Research Council of Canada, Subterranean (Manitoba) Ltd., KGS Group, UMA|AECOM and AMEC.

Source: [www.gov.mb.ca](http://www.gov.mb.ca)

## **Government of Canada’s Investment in Canadian Biosphere Reserves Celebrated in Manitoba’s Riding Mountain Parkland**

Erickson, MB: September 22, 2009

On behalf of Canada’s Environment Minister Jim Prentice, Member of Parliament for Dauphin–Swan River–Marquette, Inky Mark, joined representatives from the Riding Mountain Biosphere Reserve today, to celebrate the recent announcement of funding to support Canada’s Biosphere Reserves. The Government of Canada is providing \$5 million in funding over five years to 14 of the 15 biosphere reserves in Canada and the Canadian Biosphere Reserves Association. This funding will provide the Riding Mountain Biosphere Reserve with \$57,000 per year through 2013.

“This funding commitment reflects the importance the Government of Canada places on protecting our rich biodiversity across the country,” said Inky Mark “Canada’s biosphere reserves are excellent examples of community-based initiatives that protect our natural environment while ensuring the continued growth of the local economy in an ecologically sustainable way.”

Ray Frey, Chair of the Riding Mountain Biosphere Reserve said “The main goals of the Riding Mountain Biosphere Reserve are building capacity, sustainable development, and conservation of biodiversity. The funding from Environment Canada will help us to meet those objectives. Our aim is to provide residents and visitors to the Biosphere Reserve with good information to enable them to have the opportunity to make sound, sustainable decisions in all aspects of their contact with the biosphere.”

The Riding Mountain Biosphere Reserve was designated as a biosphere reserve in 1986 by UNESCO. The core protected area, Riding Mountain National Park, covers some 3,000 square kilometres of mixed wood forest, eastern deciduous forest, and rough fescue prairie. RMBR also includes a Zone of Cooperation which consists of the 15 municipalities that surround the Park, comprising an additional 12,000 square kilometres.

“Our government is proud to support areas so rich in lakes, streams and natural habitat,” said Minister Prentice. “This biosphere reserve fosters and encourages a sustainable community based regional economy, with high biodiversity, landscape, and social values, with Riding Mountain National Park of Canada as a key component. It is a special place where people are encouraged to demonstrate better approaches to conservation and sustainable resource use.”

Biosphere reserves are areas designated and recognized internationally by UNESCO (United Nations Educational, Scientific, and Cultural Organization) for demonstrating practical approaches to balancing conservation and development.

Biosphere reserves are comprised of one or more core protected areas, a buffer area in which activities compatible with conservation occur, and a large area of co-operation where sustainable resource management practices are promoted and developed. The world network consists of 553 biosphere reserves in 107 countries.

Related documents:

[Canadian Biosphere Reserves](#)

[Backgrounder 2009-09-22]

[Canadian Biosphere Reserves Funding Breakdown](#)

[Backgrounder 2009-09-22]

Source: [www.ec.gc.ca](http://www.ec.gc.ca)

## **Canada-Manitoba Invest in Brandon Wastewater Treatment Plant**

BRANDON: September 25, 2009

The Honourable Gary Doer, Premier of Manitoba, and Merv Tweed, Member of Parliament for Brandon-Souris, today announced that \$33 million will be invested into Brandon's wastewater facility through the Provincial/Territorial Base Fund.

"Protecting our waterways for future generations of Manitobans while promoting economic development and jobs in Brandon and western Manitoba has been the focus of this government, and today's announcement builds on that commitment," said Doer. "We are investing in infrastructure that promotes the economic development of the region and improves Brandon's water quality."

"Our Government is making smart investments that will inject additional capital into our economy and keep people working during these tough economic times, while improving Manitoba's infrastructure," said MP Tweed. "Modern and reliable infrastructure investments such as this will provide the City of Brandon with their wastewater requirements for many years to come."

"Brandonites realize that protecting our water is a shared responsibility and we are proud to be taking a leadership role with these upgrades that will make Brandon the first municipality in Manitoba to be fully compliant with new standards for nutrient removal," said Brandon Mayor Dave Burgess.

Once completed, the \$81.4-million facility will make Brandon the first municipality in Manitoba to be fully compliant with the Clean Environment Commission's recommended standards for nutrient removal.

Source: [www.gov.mb.ca](http://www.gov.mb.ca)

## ***National***

### **Government of Canada Announces Funding for Phosphorous Project Within the Moose Mountain Creek Watershed**

CARLYLE, Sask : September 24, 2009

On behalf of Canada's Environment Minister, Jim Prentice, Ed Komarnicki, Member of Parliament for Souris-Moose Mountain, today announced more than \$37,000 in federal funding to support a project that will reduce agricultural inputs of phosphorous within the Moose Mountain Creek watershed.

“This funding, provided by the Government of Canada’s Lake Winnipeg Basin Initiative, will continue important work with communities, governments and other partners to promote the long-term sustainability of the Moose Mountain Creek watershed and of Lake Winnipeg” said MP Komarnicki. “Projects such as this are a model for partnerships in watershed management across the country.”

“The committee is pleased that they received approval for their project to help reduce the amount of phosphorus going into Lake Winnipeg. We are glad to be part of the project, and look forward to working together to help reduce phosphorus here in the Moose Mountain Creek which will reduce the amount of phosphorus ending up in Lake Winnipeg. I feel this is a great project with all the partners working together for the same cause, water quality,” said Mr. Jack Wilson, Chair of the Cornerstone Agri-Environmental Group Plan Committee.

The project, led by the Cornerstone Agri-Environmental Group Plan Committee, will build awareness with farmers in Moose Mountain, Saskatchewan on agricultural practices that will reduce inputs of phosphorous and nitrogen to waterways, ultimately improving water quality. Other projects funded in this second round of the Lake Winnipeg Basin Initiative include the East Interlake Conservation District’s study of wastewater irrigation as an alternative to depositing wastewater in waterways and a University of Winnipeg project to determine points of nutrient deposits along waterways near Morden, Manitoba.

“These projects are examples of ongoing important federal contributions toward improving the health of the Lake Winnipeg and its watershed. Funding for the Lake Winnipeg Basin Initiative is part of the \$18 million committed by the Government of Canada’s Action Plan for Clean Water. Previous funding of \$1.1 million for 14 Lake Winnipeg Basin Initiative stewardship projects was announced in June 2009” said Minister Prentice.

The Government of Canada is committed to ensuring all Canadians have access to clean, safe and healthy water and that our water resources are used wisely, both economically and ecologically.

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<http://www.ec.gc.ca/paae-apcw/default.asp?lang=En&n=61284017-1>

Source: [www.ec.gc.ca](http://www.ec.gc.ca)

## **The Government of Canada Takes Action to Reduce VOC Emissions from the Architectural Coatings Sector**

Gatineau, Que: September 30, 2009

The Minister of the Environment, Jim Prentice, today announced new regulations to reduce emissions of volatile organic compounds (VOCs) from the architectural coatings sector through products such as paints, finishes, dyes, and varnishes. VOCs are pollutants that contribute to the formation of ground-level ozone and particulate matter, two key smog components.

“Following the introduction of its regulations to reduce VOC emissions from automotive refinishing products, the Government of Canada has once again illustrated its determination to clean up the air in order to protect the environment and the health of Canadians”, said Minister Prentice. “Since VOC emissions contribute to the creation of smog, these regulations will help reduce the harmful effects of smog on humans and the environment.”

“These new regulations targeting VOC emissions from products such as paints, stains and varnishes are one of a series of regulations aimed at reducing harmful VOC emissions from consumer and commercial products,” said Canada’s Minister of Health, Leona Aglukkaq. “This new action will help protect the health of Canadians and help keep exposure to these emissions at low levels.”

The regulations set maximum VOC concentration limits for 53 categories of coatings and will apply to all products made, imported, sold, or marketed in Canada. They also cover the use of traffic marking coatings. The requirements, which are similar to requirements in the United States, were established pursuant to consultations with sector stakeholders.

Annual VOC emission reductions from architectural coatings are expected to average 28%, which represents a cumulative reduction of approximately 506 000 tons over 25 years. Combined with other VOC initiatives, these measures will help reduce two of the main components of smog – ground-level ozone and particulate matter. This should prove to be beneficial to human health, agriculture, forestry, and ecosystems.

In June 2003, the Government of Canada added VOCs to the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, (1999) [CEPA (1999)]. This addition gave the government the authority to develop VOC control measures, such as these regulations, under CEPA (1999).

This initiative to reduce VOC emissions from architectural coatings follows the recent adoption of the Volatile Organic Compound (VOC) Concentration Limits for Automotive Refinishing Products Regulations.

For more information on these regulations or other initiatives to reduce VOC emissions from consumer and commercial products, please visit [www.ec.gc.ca/nopp/voc](http://www.ec.gc.ca/nopp/voc) .

Source: [www.ec.gc.ca](http://www.ec.gc.ca)

## **Business and Career Opportunities**

### ***Local***

#### **Environment Officer, EO2**

Manitoba Conservation, Regional Operations Division, Environmental Operations  
Various locations throughout the Province

Advertisement Number: 21762

Salary: \$44,370 to \$59,236 per year, plus remoteness allowance where applicable

Closing Date: October 12, 2009

Manitoba Conservation is recruiting Environment Officers for regular, full-time employment. An eligibility list may be established for vacancies at various locations throughout the Province and may remain in effect for up to 12 months from the date of the interviews.

#### **Qualifications:**

The successful candidate will have a degree in Environmental Science/Studies, Agriculture (livestock focus), or a related discipline, or an equivalent combination of education and experience. Other requirements include: demonstrated working and/or academic knowledge of environmental management and the effect that contaminants may have on the environment and human health; demonstrated working and/or academic knowledge of environmental monitoring and sampling techniques; and experience with computer applications, including database and Microsoft Office applications. Demonstrated working knowledge of and/or experience undertaking compliance and enforcement activities, including inspections is preferred. Demonstrated effective verbal and written communication skills, as well as demonstrated effective conflict resolution skills are required. Demonstrated knowledge of and/or experience working with Manitoba environmental legislation is preferred.

Conditions of employment include the following: Candidates must be physically capable of performing the duties assigned to this position, such as performing inspections; possess and maintain a valid Full Stage Manitoba Class 5 Driver's Licence; be willing and able to travel with occasional overnight stays as required; and be legally entitled to work in Canada, by way of Canadian Citizenship or Landed Immigrant Status.

Your cover letter and résumé must clearly indicate how you meet each of the stated qualifications.

**Duties:**

Working as part of a regional team, and reporting to a senior Environment Officer, these positions will involve the inspection, compliance and enforcement of activities regulated by the Environment Act, the Dangerous Goods Handling and Transportation Act, the Ozone Depleting Substances Act, the Contaminated Sites Remediation Act, the Waste Reduction and Prevention Act, and the regulations made there under. Incumbents will undertake compliance activities, inspections, complaint resolution and enforcement action where required. In addition, incumbents will prepare information for the issuance of permits and enforcement actions, and maintain regular liaison with clients, the public and local governments.

**Apply to:**

Advertisement #21762  
Manitoba Conservation  
Consolidated Human Resource Services  
360 - 1395 Ellice Ave  
Winnipeg, MB R3G 3P2  
Fax: (204) 948-2841  
Email: [conshr@gov.mb.ca](mailto:conshr@gov.mb.ca)

**Environment Officer - 2 Positions, EO2**

Manitoba Conservation, Regional Operations Division, Environmental Operations  
The Pas and Winnipeg, Manitoba

Advertisement Number: 21763

Salary: \$44,370 to \$59,236 per year, plus remoteness allowance where applicable

Closing Date: October 12, 2009

Manitoba Conservation is recruiting Environment Officers for regular, full-time employment in both The Pas, MB and Winnipeg, MB

Qualifications:

The successful candidate will have a degree in Environmental Science/Studies, Agriculture (livestock focus), or a related discipline, or an equivalent combination of education and experience. Other requirements include: demonstrated working and/or academic knowledge of environmental management and the effect that contaminants may have on the environment and human health; demonstrated working and/or academic knowledge of environmental monitoring and sampling techniques; and experience with computer applications, including database and Microsoft Office applications. Demonstrated working knowledge of and/or experience undertaking compliance and enforcement activities, including inspections is preferred. Demonstrated effective verbal and written communication skills, as well as demonstrated effective conflict resolution skills are required. Demonstrated knowledge of and/or experience working with Manitoba environmental legislation is preferred.

Conditions of employment include the following:

Candidates must be physically capable of performing the duties assigned to this position, such as performing inspections; possess and maintain a valid Full Stage Manitoba Class 5 Driver's Licence; be willing and able to travel with occasional overnight stays as required; and be legally entitled to work in Canada, by way of Canadian Citizenship or Landed Immigrant Status.

Your cover letter and résumé must clearly indicate how you meet each of the stated qualifications.

Preference will be given to Aboriginal people. Applicants are requested to declare their employment equity status in their cover letter or résumé. Applicants are also requested to indicate their location preference in their cover letter or résumé.

Duties:

Working as part of a regional team, and reporting to a senior Environment Officer, these positions will involve the inspection, compliance and enforcement of activities regulated by the Environment Act, the Dangerous Goods Handling and Transportation Act, the Ozone Depleting Substances Act, the Contaminated Sites Remediation Act, the Waste Reduction and Prevention Act, and the regulations made there under. Incumbents will undertake compliance activities, inspections, complaint resolution and enforcement action where required. In addition, incumbents will prepare information for the issuance of permits and enforcement actions, and maintain regular liaison with clients, the public and local governments.

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Email: [conshr@gov.mb.ca](mailto:conshr@gov.mb.ca)

## **Protected Areas, Environmental Assessment, and Landscape Planning and Assessment**

Department Name: Department of the Environment

Locations: Various locations

Classification: PC - 03

Salary: \$61,526 to \$81,725 (per annum)

Closing Date: October 8, 2009 - 23:59, Pacific Time [Useful Information](#)

Reference Number: DOE09J-010020-000039

Selection Process Number: 09-DOE-EA-ESB-CWS-BA-5663

Employment Tenure: Various tenures: the qualified pool established may be used to staff positions on an indeterminate, term or acting basis, and to fill similar positions. The linguistic profiles and/or requirements, as well as tenures, may vary according to the position and location being staffed.

Vacancies: 25

For more information, click [here](#)

## **Manitoba Career Week**

The MEIA is a sector council of the Alliance of Manitoba Sector Councils. If your company is a member of the MEIA, we would be happy to include information on your company at the MEIA booth which will be set up at the following events.

The Alliance of Manitoba Sector Councils (AMSC), Community Outreach Steering Committee has been very busy planning a number of extraordinary events to celebrate Manitoba Career Week (November 1-7, 2009). As champions of career and workforce development in Manitoba we have this exceptional opportunity to

showcase our organizations and the sector/industry that we represent. The following is a list of events that will be taking place at 1000 Waverley:

### *Take Our Kids to Work Day*

The Alliance of Manitoba Sector Councils will hold an event at 1000 Waverley Street to celebrate Take Our Kids to Work Day 2009. The event will include activities such as AMSC's Industry Awareness Game, WEST games and activities, Career Information Booths, Career Exploration on the web (career cruising, job futures, etc). All parents are invited to drop-in with their grade 9 students and learn about the 1,000's of exciting careers in Manitoba.

Timeline: November 4, 2009 from 9:00 a.m. – 3:00 p.m.

### *Career Information and Awareness Evening*

In celebration of Manitoba Career Week, the Alliance of Manitoba Sector Councils will host an evening event filled with information booths, workshops and presentations geared toward Manitoba citizens who are going through a transition, looking for second careers, re-entering the workforce, new to Manitoba, etc. The evening workshops will include:

- PLAR Information
- Skills Portfolio Development
- Resuming Writing
- Job Searching
- Preparing for Interviews
- Volunteering
- And many, more

Timeline: November 5, 2009 from 5:00 – 9:00 p.m.

### *Opening Doors Parent Expo*

An annual event hosted by the Alliance of Manitoba Sector Councils and the 17 sectors that they represent. This all day come-and-go event provides parents and caregivers with the tools and resources they need to guide their children in their career decision making. The event will include information booths, hands-on demonstrations and presentations and much, much more.

Timeline: Saturday, November 7, 2009 from 10:00 a.m. – 3:00 p.m.

For more information, or to provide information about your company, please contact the MEIA office at 783-7090, or [admin@meia.mb.ca](mailto:admin@meia.mb.ca)

## ***National***

### **Clean Tech Funding Available**

If you have a new, innovative technology that helps address climate change or promotes clean water, land or air, then Sustainable Development Technology Canada (SDTC) wants to hear from you.

SDTC's SD Tech Fund™ is accepting Statements of Interest from September 2 to October 21, 2009

The SD Tech Fund™ invests in late-stage development and pre-commercial demonstration of clean technologies by Canadian companies. For more information please visit: <http://www.sdtec.ca/en/SOInfo.htm>

## **Upcoming Conferences/Events/Trade Show**

### ***Local***

#### **Foundation Design Workshop (1.8 CEUs)**

Global Innovative Campus  
Winnipeg, MB - November 23-November 25

Global Innovative Campus  
For more information click [here](#)

## **The Manitoba Green Show**

February 9–10, 2010  
Victoria Inn, Winnipeg

For more information see [www.landscapemanitoba.com](http://www.landscapemanitoba.com)

## ***National***

### **Linkages 2010 Announcement & Call for Abstracts**

The Linkages 2010 Forum to be held at the Radisson Hotel in Saskatoon on January 12, 2010. The Forum provides a unique networking opportunity for technology researchers/innovators, private sector firms and investors to collaborate in developing and commercializing technology in the sustainable infrastructure domain.

Abstracts due October 9, 2009. For more information see [www.seima.sk.ca](http://www.seima.sk.ca)

### **Environmental Site Assessment Phase 1 and 11 (1.2 CEUs)**

November 6 - 7, 2009  
Hilton Garden Inn Toronto/Mississauga

Global Innovative Campus  
For more information click [here](#)

### **Climate Change: Legislation, Regulation & Emissions Reporting**

Change of Date: November 9 - 10, 2009  
Courtyard Marriott, Toronto Ontario

Climate Change has affected the way we live, and the way we do business.

The Canadian Standards Association, a not-for-profit membership-based association, is presenting a forum in downtown Toronto, Canada on September 21-22, 2009 for organizations who are interested in learning about the new trends in standards, legislation, policies, regulation and emissions reporting of Greenhouse Gases in Canada and the U.S.

Hear directly from government, industry and standards experts on the new direction for business planning, how to reduce and report emissions, and the tools you need to create an effective Greenhouse Gas Management Plan that will benefit your organization.

For the full brochure as well as to register, please go to:

[https://learningcentre.csa.ca/lc\\_site/be.asp?gid=50016245&tid=50041499](https://learningcentre.csa.ca/lc_site/be.asp?gid=50016245&tid=50041499)

Anna Milakowski

Canadian Standards Association

[anna.milakowski@csa.ca](mailto:anna.milakowski@csa.ca)

"CSA - Making Standards Work for People and Business"

## **Western Canadian Hazmat Symposium**

HAZMAT: Before, During & After – The 3 Phases of Response

October 7 – 9, 2009

Saskatoon, Saskatchewan

The Western Canadian Hazardous Materials Symposium 2009 is an unprecedented opportunity for emergency response personnel. The goal for this year's symposium is to provide the education and tools needed to protect the safety and wellbieng of responders and communities across North America.

For symposium inquiries contact 1-877-244-9500 or [symposium@envirotec.ca](mailto:symposium@envirotec.ca)

For more information visit [www.canadahazmat.com](http://www.canadahazmat.com)

## **Coast Waste Management Association Conference - “Rebuilding from the Waste Up”**

October 21 – 23, 2009  
Westin Bear Mountain Langford, B.C.

Additional information regarding this event may be found at: [Coast Waste Management Association](#)

On line registration is available now at <http://cwma.bc.ca/about/oconform.html> and sponsorship and tradeshow opportunities are available by contacting the CWMA office (250) 733 2213 or [info@cwma.bc.ca](mailto:info@cwma.bc.ca)

## **Climate Change –Measuring and Reducing Your Carbon Footprint in a Changing Regulatory Environment**

November 9 - 10, 2009  
Courtyard Marriott, Toronto Ontario

The impacts of climate change are inescapable. Businesses and organizations face the realities of new provincial, federal and North American regulations, enhanced reporting and verification requirements, and the need to demonstrate a renewed sense of corporate responsibility. In this rapidly-evolving environment, “Business as Usual” is no longer an option.

CSA Standards has assembled a panel of leading North American climate change professionals, including key representatives from the federal and provincial government, to guide you through two intensive days designed to foster understanding of the changing regulatory and reporting requirements, as well as how to position YOUR business to become carbon neutral while capitalizing on the opportunities this new environment will inevitably create.

Climate Change WILL impact your business; join us to gain the tools and learn the strategies that will allow you to prosper within this new reality.

Register TODAY for the Early Bird price, until September 25th! MEIA Members will receive a 10% discount.

Note: Quote "Climate Change" at hotel booking for a preferred rate until October 5th  
Duration: 2 days



[Download PDF Brochure](#) for a full course information

## **GLOBE 2010: Conference Outline Now Available**

International Conference and Trade Fair on Business and the Environment

March 24-26, 2010  
Vancouver, Canada

Our high-level program features over 200 expert speakers and 50 educational sessions on topics relating to: corporate sustainability, energy priorities, climate change and carbon management, sustainable finance, water, clean(er) technology, and building greener cities.

In addition to the conference, a closely integrated Trade Fair will showcase over 450 eco-efficient technologies for emissions reduction, alternative energy, transportation systems, and more.

You will be in very good company at this world-leading event, joined by 11,000 attendees from 70+ countries representing some of the most forward-thinking organizations from around the world who will converge at GLOBE to network and discuss the business case for sustainability.

For further information on GLOBE 2010, please visit the event website:  
[www.globe2010.com](http://www.globe2010.com).

## ***International***

### **International Mine Water Conference**

Pretoria, South Africa  
October 18 – 23, 2009

For more information go to:

<http://www.wisa.org.za/minewater2009.htm>

## **Adaptation to Climate Change: The Role of Ecosystem Services**

November 9 – 13  
Costa Rica

For more information see:

<http://www.unisdr.org/english/events/v.php?id=3298>

## **4th Annual Cellulosic Biofuels Summit 2009**

November 16-19, 2009  
Almas Temple Club, Washington D.C.

The Summit has established itself as the major gathering place where all the communities in the cellulosic biofuels value chain assemble each year to help advance the development of the nation's cellulosic biofuels industry. In November, leaders from the feedstock, industrial biotech, biofuel technology, plant developer, finance, oil and transportation communities will return to Washington, D.C. to report on their activities, consider the next steps forward and share their perspectives on the progress in reaching the commercial production of cellulosic biofuels. The Summit provides a rich opportunity for offline discussions where everyone has the chance to meet other groups in the value chain and establish ongoing relationships. For more information click [here](#)

## **Ökoindustria - Environmental expo in Hungary**

Budapest  
November 18-20, 2009

Canadian Companies are welcome to attend an international environmental expo in Hungary. The professional organizer is the Association of Environmental Enterprises ([www.kszgysz.hu](http://www.kszgysz.hu)) and the patron of the event is the Minister of Environment and Water, Mr. Imre Szabo. For more information visit:

<http://www.tradecommissioner.gc.ca/eng/events.jsp?cid=205&oid=100> or  
[www.okoindustria.hu](http://www.okoindustria.hu)

The program includes conferences on biogas, waste, energy efficiency, recycling, drinking water, wastewater, another workshop will try to find solutions on how to

reduce Europe's ecological footprint, and as a wonderful networking opportunity, the Enterprise Europe Network will offer an international business meeting with environmental experts from all over the region.

For those interested companies, associations, universities, clusters etc. who are not able to attend in person, you can take part in a catalogue show. Information can be sent to the Embassy for display at the event.

If this event is of interest to you, please contact Kayla Burechailo for more information.

Kayla Burechailo  
Trade Commissioner | Déléguée commerciale  
Foreign Affairs and International Trade Canada | Affaires étrangères et Commerce international Canada

[Kayla.Burechailo@international.gc.ca](mailto:Kayla.Burechailo@international.gc.ca)  
[www.tradecommissioner.gc.ca/sask](http://www.tradecommissioner.gc.ca/sask)

## **United Nations Climate Change Conference**

December 7 – 18  
Copenhagen, Denmark

For more information see [www.unfccc.int](http://www.unfccc.int)

## **Forest Day 3**

December 13, 2009  
Copenhagen, Denmark

Forest Day 3 will be held on 13 December at the Radisson SAS Falconer Hotel, Copenhagen, Denmark. It will take place alongside the 15th Conference of the Parties of the UN Framework Convention on Climate Change (UNFCCC) and will be hosted by the Collaborative Partnership on Forests, the Government of Denmark and CIFOR.

For more information see [www.forestday3.org](http://www.forestday3.org)

## **Energy Transitions in an Interdependent World Conference**

February 25 & 26  
University of Sussex

The Sussex Energy Group at SPRU (Science & Technology Policy Research), University of Sussex is organizing and hosting an international conference to discuss and debate emerging research agendas in energy social science.

The conference will be held at the University of Sussex, near Brighton, on the 25th and 26th February 2010 and is open to academics, policy makers, industry and non-governmental organizations working in the field of energy transitions. We welcome abstracts that outline theoretically robust and empirically informed contributions to one or more of the following themes:  
low carbon energy innovation; secure and resilient energy systems; the politics of sustainable energy transitions.

Further details including the full conference call and application guidelines are available from the conference website:

<http://www.sussex.ac.uk/sussexenergygroup/conference>

<<https://exchange.lse.ac.uk/exchweb/bin/redirect.asp?URL=http://www.sussex.ac.uk/sussexenergygroup/conference>>