

Canadian Brownfields Network e-newsletter

MEMBERS AREA

CBN Vision

- [MEMBERS' DIRECTORY](#)
- [NETWORKING FORUM](#)
- [WORKSHOP PRESENTATIONS](#)
- [PUBLICATIONS](#)

Advocate brownfields redevelopment as an essential component of sustainable communities and urban revitalization in Canada.

Goal: Provide research, advocacy, and clarity on issues related to brownfields.

CBN

CBN Select Achievements

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- **Jurisdictional Review of Contaminated Site Qualified Persons (QP) Programs Now Complete**

OCETA, on behalf of the CBN, and in conjunction with the Canadian Petroleum Products Institute (CPPI), the Cement Association of Canada, Kilmer Brownfield Equity Fund L.P., and the Canadian Manufacturers and Exporters conducted a Jurisdictional Review of the Contaminated Site Qualified Professionals Programs. The jurisdictional review of the contaminated site QPs provides an overview and analysis of the QP programs currently in place to identify "best practices". The outcomes from this review can be used by government and industry stakeholders in Canada that are developing or redesigning their QP programs.

A summary of this report is available [here](#) (PDF).

CBN CONFERENCE

Announcements

- [Canadian Brownfields 2008 October 23 - 24, 2008](#)

- **2007 Brownie Awards**
Winners were announced at a presentation dinner on October 18, 2007 during the 8th annual Canadian Brownfields Conference (Montreal, QC).

[2007 CUI Brownie Awards Finalists and Winners](#) (PDF)

[IUC Prix Brownie 2007 Finalistes & Gagnants](#) (PDF)

[Proceedings & Presentations](#)

Events

- **Alberta Environment Tier 1 & Tier 2 Guideline Workshop**

February 14, 2008, Grande Prairie, Alberta

Alberta Environment has consolidated soils and groundwater remediation guidelines from a number of sources (Canadian Council of Ministers of the Environment, Health Canada, and Alberta Environment) into a single, comprehensive, Tier 1 guidance document. A companion Tier 2 guidance document has also been developed that details how Tier 1 guidelines can be modified based on site-specific information. Both guidelines maintain an equivalent level of ecological and human health protection. This workshop is intended to provide a general technical overview of the new Tier 1 and Tier 2 guidance documents, highlighting key regulatory requirements needed for site closure. AENV will be present at the workshops to discuss the regulatory requirements.

[Details](#)

- **FCM Sustainable Communities Conference**

February 14-16, 2008, Ottawa, Ontario

The conference theme of "Moving Innovation into Practice" will focus on building municipal capacity in the areas of social, economic, and environmental sustainability.

[Details](#)

conferences and events visit
Upcoming Events on
www.aboutREMEDATION.com

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EXECUTIVE AND CORPORATE MEMBERS

Thanks to all of our CBN Executive and Corporate Members for their support:

Executive:

- [Canadian Petroleum Products Institute \(CPPI\)](#)
- [Canadian Urban Institute](#)
- [Cement Association of Canada](#)
- [The Canadian Real Estate Association](#)
- [OCETA](#)

- **Seizing the Opportunities & Breaking the Barriers to Brownfield Redevelopment**

March 25, 2008, Moncton, New Brunswick

This Conference will give you the chance to listen to and learn from National and Atlantic Canadian experts and to share and learn from your peers in other New Brunswick communities.

Full day program focused on brownfield redevelopment as a significant economic development opportunity.

[Details](#)

- **Canadian Brownfield Urban and Industrial Land Development - CAN BUILD 08**

April 8 & 9, 2008, Toronto, Ontario

This conference is designed to drive sustainable development by educating all industry stakeholders about the latest innovations in site remediation, financing opportunities, environmental successes, and the legislative developments that matter most to brownfield builders, owners, and municipalities. It brings peers together to share information, challenges and successes, and give each municipality a clearer vision on how to reach long-term community sustainability.

Join OCETA and aboutREMEDATION at the exhibit booth.
CBN Members receive a 10% discount with promo code *OCETA-CanBUILD-08*.

[Details](#)

- **Cement Association of Canada - Eco Site Planning for Municipalities - Brownfields and Storm Water Management Technical Seminar**

April 10, 2008, Brampton, Ontario
This seminar is being organized for municipal, provincial and regional government planners, engineers, storm water management and capital works professionals who are interested in learning about the use of S/S treatment as a cost-effective remediation method for brownfield properties, and environmental storm water management using pervious and permeable concrete pavement.

[Details](#)

- **2008 Real Property Institute of Canada Federal Contaminated Sites National Workshop & Expo**

April 28-May 1, 2008, Vancouver, British Columbia

For federal environmental remediation specialists and environmental industry representatives to exchange ideas and information about the challenges of addressing the thousands of known and suspected contaminated sites for which the federal government is responsible.

[Details](#)

- **Brownfields 2008 Conference**

May 5-7, 2008, Detroit, Michigan

The Brownfields 2008 Conference will see stakeholders from community, planning, real estate, finance, and policy interests from across the nation converge to focus on brownfields cleanup, redevelopment, and a broad range of land revitalization solutions. Take advantage of learning and networking opportunities including first-rate educational sessions, valuable mobile workshops, dynamic plenary speakers, excellent organizational meetings, and more.

- Registration is FREE, with over 6,000 attendees anticipated.
- OCETA, aboutREMEDATION, & the CBN will once again lead the Canadian Showcase. Stay tuned for further information on how your organization can participate.

Corporate:

- [AIG Environmental](#)
- [Canada Mortgage and Housing Corporation \(CMHC\)](#)
- [City of Calgary](#)
- [Golder Associates Ltd.](#)
- [IBI Group](#)
- [Infrastructure Canada](#)
- [Jaques Whitford](#)
- [Kilmer Brownfield Equity Fund L.P.](#)
- [Miller Thomson LLP](#)
- [Quantum Environmental Group](#)
- [Windmill Development Group Limited](#)
- [XCG Consultants Ltd.](#)

For more information please check the official Brownfields 2008 Conference website (<http://www.brownfields2008.org>) starting February 28, 2007.

[Details](#)

- **Canadian Brownfields 2008**

October 23 & 24, 2008, Toronto, Ontario

Mark your calendars now as planning for Canadian Brownfields 2008 is well underway! This year's event, to be held at the Toronto Congress Centre, promises to be bigger and better than ever. As an additional bonus, we will be offering two specialized workshops before the conference, on Wednesday 22 October, followed by a reception sponsored by the Cement Association of Canada - a great opportunity to get a jump on networking opportunities and to meet Storm Cunningham, author of ReWealth!, and head of the Revitalization Institute, which will be relocating from Washington, D.C. to the Toronto campus of Seneca College.

[Details](#)

Other News and Updates

National

- **Federal Contaminated Sites Receiving Funds**

The Federal government announced that it will provide funds to assess the condition of suspected sites, perform necessary care and maintenance activities, and develop and implement a long-term strategy to address identified contamination.

Examples of sites receiving substantial funding this year include the following:

- *Faro Mine, Yukon*: Faro is the largest and highest priority of the federal contaminated sites. This site will be receiving \$14.6 million in funding this year. Remediation planning is a priority at this site. Care and maintenance activities include on-going water treatment operations and maintaining infrastructure.
- *CFB Esquimalt*: six sites will be receiving \$4.56 million funding this year. Work at these sites includes remediation of hydrocarbon and heavy metal contaminated soil, assessment, and risk management. In addition, close to \$200,000 has been provided to conduct assessments of sediment transport in Esquimalt harbour.
- *Port Radium Mine, NT*: this site will be receiving \$7.1 million funding this year. Site remediation is planned to start in the winter of 2007 and will include sealing of mine openings, covering of areas of elevated radiation levels, the stabilization of tailings areas, demolition and hazardous waste disposal.
- *Belleville Small Craft Harbour, Ontario*: This site will be receiving \$6.8 million this year to treat contaminated soil and prevent contaminants in groundwater from discharging into the adjacent Bay of Quinte. Belleville Harbour was used for over 50 years for the storage of coal and fuel products and landfill sites. These activities led to contamination of the property by petroleum hydrocarbons and heavy metals.

For the complete list of the 279 priority sites that will receive funding for risk management and remediation in 2007-2008, [click here](#).

(Source: Environment Canada)

- **ECO Canada - Who Will Do the Cleanup?**

According to a new report by ECO Canada, over 14,000 full-time site positions on contaminated sites projects will need to be filled between 2006 and 2009. On an annual basis, 3,500 new positions are expected to become available.

Source: Who Will Do the Cleanup: Canadian Labour Requirements for Remediation and Reclamation of Contaminated Sites, 2006-2009, ECO Canada

View the report (PDF): http://www.eco.ca/pdf/ECO_ConSites_Final_EN.pdf

- **Soil Quality Index Calculator (SoQI) / Calculateur de l'indice de qualité des sols (IQSo)**

Ottawa, ON - CCME has released a Soil Quality Index Calculator (SoQI). Based on the formulae of the Water Quality Index Calculator and the Sediment Quality Index Calculator, the SoQI Calculator provides a convenient means of summarizing

complex data and facilitating its communication to a general audience. Please see the following link for details: http://www.ccme.ca/ourwork/soil.html?category_id=122

Le CCME vient de rendre public le calculateur de l'indice de qualité des sols (IQSo). Le calculateur IQSo, qui repose sur la formule du calculateur de l'indice de qualité des eaux et du calculateur de l'indice de qualité des sédiments, offre un moyen commode de synthétiser des données complexes et de les communiquer au grand public. Veuillez cliquer sur le lien suivant pour plus de détails: http://www.ccme.ca/ourwork/soil.fr.html?category_id=122

(Source: CCME, November 5, 2007, www.ccme.ca)

Alberta

- **Province Requires Professional Involvement in Land Remediation and Reclamation Work**

Albertans can be assured that all land remediation and reclamation is completed to the same high standard of excellence. Since January 1, members of six professional organizations must be involved in, and sign-off on, all land remediation and reclamation work for oil and gas reclamation certificates. To support professional sign-off, a Joint Practice Standard has been developed by six professional regulatory organizations in consultation with the Alberta government.

Alberta's Environmental Protection and Enhancement Act requires operators to conserve and reclaim specified land and obtain a reclamation certificate. To obtain a reclamation certificate, the site must be assessed for contamination and cleaned up to meet Alberta Environment's standards, the soil replaced and the site revegetated. These certificates are issued to operators when their site has been successfully reclaimed.

The six professional organizations account for more than 50,000 professionals within Alberta, from agronomists and biologists to engineers and geoscientists to foresters. More than 6,000 of those licenced professionals responsible for environmental work are collaborating to ensure continued public safety with respect to the reclamation and remediation of sites in Alberta.

For more information visit: <http://www.environment.alberta.ca/2390.html>

Atlantic Canada

- **New postings on the Atlantic RBCA website include**

- Online Atlantic RBCA training course
- Revised Ecological Screening Terms of Reference
- Atlantic PIRI presentation to CLRA

Visit <http://www.atlanticrbc.com/>

British Columbia

- **New Requirement for Summary of Site Condition with Submissions for Ministry Review**

The Ministry now requests that applicants include a completed SoSC form with all service applications submitted for contaminated sites legal instruments and other services outlined in section 7.1 of the Contaminated Sites Regulation. Note that fees for review of the SoSC are not currently required for applications submitted for ministry review.

The Summary of Site Condition, along with the requirements for some applications can be accessed through the following Internet link:

http://www.env.gov.bc.ca/epd/remediation/forms/word/summary_site_condition.doc

[More Details](#)

Manitoba

- **Manitoba Minister Accepts Auditor General's Report into Contaminated Sites, Landfills**

November 7, 2007 - Conservation Minister Stan Struthers accepted the auditor general's report on the audit of Manitoba Conservation's management of contaminated sites and landfills, and announced that Manitoba will ensure proper permitting and licensing of all of the province's landfills.

The report acknowledges the action taken since the auditor's last contaminated sites report in 2005. It also recognizes the progress of the government's accounting for the liability of contaminated sites. However, the auditor general's report provided 55 recommendations to help strengthen management of contaminated sites and landfills.

The minister announced further action to address recommendations relating to landfills and contaminated sites.

[More Details](#)

(Source: ESAA, November 16, 2007, www.esaa.org)

Ontario

- **Brownfields Ontario Update**

Here are some of 2007's achievements:

- **Intergovernmental Forum on Brownfields**

Senior government staff from across Canada are moving forward to establish the Intergovernmental Forum on Brownfields. Ontario is pleased to be part of this initiative and hopes to see the participation of all provinces and territories.

- **Proposed Update in Standards**

On March 23, 2007, the Ministry of the Environment initiated a 60-day public consultation on a proposal to update the brownfield soil and ground water standards. The Ministry has been working with stakeholders to address issues raised since the proposed standards were released last spring. To review the consultation feedback, [click here](#). For any additional comments, contact Adam Leus, Brownfield Specialist, Ministry of the Environment, at adam.leus@ontario.ca.

- **Implementing Regulatory Reforms for Off-Site Liability Protection and the Record of Site Condition Review Process**

The Ministry of the Environment is working on regulations to implement the brownfield legislative reforms announced last spring. The Ministry is considering some questions as staff draft the regulatory amendments. To view the questions, [click here](#). If you have comments, contact Susan Howard, Senior Policy Analyst, Ministry of the Environment, at susan.howard@ontario.ca.

- **Canada-Ontario Affordable Housing Program - Brownfields Initiative**

The Canada-Ontario Affordable Housing Program is funding eight affordable housing projects to be built on cleaned-up brownfield sites in the cities of Brantford, Cambridge, Ottawa, St. Catharines and Woodstock. This will help address the lack of affordable housing in older urban areas. The Canada-Ontario Affordable Housing Program involves a commitment of \$301 million each from the federal and provincial governments. Together with municipal governments, at least \$734 million will be invested in the program to provide affordable housing for 20,000 households in Ontario.

- **A Practical Guide to Brownfield Redevelopment in Ontario**

The guide has been developed for professionals, municipal leaders, environmental practitioners and others in the environmental or development field. It provides an overview of the benefits of brownfield redevelopment and the process for remediation and redevelopment in Ontario. The guide is easy to follow and includes useful tips, resources and practical information on how to get started.

www.ontario.ca/brownfields

- **Brownfields Regulation - Qualified Persons**

The Ontario Ministry of the Environment is proposing to amend Ontario Regulation 153/04 made under the Environmental Protection Act (EPA) to change the provisions in section 5 regarding qualified persons who conduct or supervise environmental site assessments and who make certifications in records of site condition (RSCs) filed to the Brownfield Environmental Site Registry (Registry). Section 5 currently has a sunset date of April 1, 2008. Section 6, regarding qualified persons who may conduct risk assessments, would be unaffected by this proposal.

The Ministry of the Environment is proposing the following amendments to section 5:

1. As of April 1, 2008 amend the qualifications to be a qualified person to permanently include:
 - persons holding a limited licence under the Professional Engineers Act;
 - persons holding a certificate of registration under the Professional Geoscientists Act, 2000 who are limited members of the Association of Professional Geoscientists of Ontario;
2. Provisions to allow all persons who are currently recognized as qualified persons to continue to work as qualified persons until March 31, 2009;
3. Provisions to allow persons who are currently recognized as qualified persons and are licenced under the Professional Engineers Act or the Professional Geoscientists Act, 2000 to continue to be recognized as qualified persons indefinitely;
4. Prescribe a purpose for the Registry that includes facilitating public access to information respecting qualified persons.

[More Details](#)

- **Importation of Inert Fill for the Purpose of Rehabilitation**

Minor changes are being proposed to Policy A.R. 6.00.03 regarding the Importation of Inert Fill for the Purpose of Rehabilitation. The Policies and Procedures Manual is intended to assist Ministry of Natural Resources staff who are directly involved with the implementation and enforcement of the Aggregate Resources Act (ARA) and the regulations including the Aggregate Resources of Ontario Provincial Standards.

The current policy requires inert fill to meet criteria in Table 1 of Soil, Ground Water and Sediment Standards for Use under Part XV.1 of the Environment Protection Act.

[More Details](#)

Quebec

- **Update on Quebec's ClimatSol Program (2007-2010)**

- Launched on September 28th 2007
- 3 years governmental grants program (50 millions\$)
- Open to municipalities and private parties
- Concrete development projects

ClimatSol Objectives:

- Rehabilitate contaminated sites;
- Integrate green technologies to construction projects;
- Maintain or create wooden or "green" surfaces;
- Densify and reinforce the urban fabric;
- Promote use of treatment technologies for the decontamination of soil and groundwater;
- Increase economic activity, increase municipalities income, foster job creation.

ClimatSol/ReviSols differences:

- Polluters and promoters who bought the land from polluters after 2003 are not eligible
- Grants amount have been reduced to 50/30 %
- Compulsory for projects to include the two following "climate changes" related aspects:
 - Buildings engineered to provide a reduction of energy consumption (NovoClimat, Leeds certification, etc)
 - Parks or buildings adding to "greenness"
 - No net vegetation lost
 - + 25 % of green cover for parks
 - + 10 % of green cover on build land (either through trees or green roofs)
- Another selection will be made down the line based on the following elements (selection grid):
 - Reduction of the environmental impacts (35%)
 - Contamination level
 - Toxicity
 - Mobility
 - Smart Growth elements (35%)
 - Public transportation
 - Impacts on water pipes, sewers, roads

- Energy consumption reduction
- "Greening", etc.
- Economic impacts (30%)
- 1 million \$ cap / project
- Many other administrative details

(Source: **Michel Beaulieu**, Expert Scientific Advisor, Contaminated Site Unit,
Québec Ministry of Sustainable Development)

Program details are now available online (French version only) from the Quebec
Gov web site <http://www.menv.gouv.qc.ca/sol/terrains/limatsol/index.htm>.

REVITALIZING CANADIAN
COMMUNITIES

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