

Problems loading this email?
Check out the [online version](#).



Canada Green Building Council
Every Building Greener



LEED Technical Bulletin

May 2015

Version française

1. [Tips for More Easily Verifying Your Project's Classification in the Canada Land Inventory](#)
2. [Over 200 certifications in first four months \(external link\)](#)
3. [See you at the Building Lasting Change Conference!](#)
4. [New Guidance for FSC Chain of Custody](#)
5. [Public comment period open for LEED for Operations and Maintenance: Multifamily \(external link\)](#)
6. [Update to the LEED Canada EB:O&M Option B&C Calculator](#)
7. [Correction to LEED Canada NC/CS 2009 Letter Templates](#)
8. [Education for LEED Practitioners](#)
9. [Employment Opportunities with the LEED Team](#)
10. [Recent CIRs](#)
11. [Updated CIRs](#)

[Over 200 certifications
in first four months!
Learn more...](#)

Tips for More Easily Verifying Your Project's Classification in the Canada Land Inventory

Under LEED Canada for Building Design and Construction 2009, applicants are required to verify that the project is not located on prime farmland for SSc1 Site Selection. The definition of prime farmland includes any greenfield or graded land that is categorized under Class 1, 2 or 3 of the Canada Land Inventory (CLI).

It is often difficult to determine a project's classification from the PDF versions of the Canada Land Inventory maps. Using Google Earth provides a much easier, faster and more accurate way to determine if a project site falls on prime farmland. Below are the steps to follow.

- Download [Google Earth](#) for free.
- Open Google Earth tool. Enter the project address into the Search box at the top left corner of the Google Earth webpage.
- Pin your project site. Look for the yellow tack-pin on the top of the Google Earth webpage and select it. A tack pin with a blinking square box appears and at the same time the New Placemark window opens prompting for the name of the placemark where the pin is. Enter a project name and select 'OK'. Your project name is now located in the Temporary folder under Places in the navigation pane.

- Go to the [Canada Land Inventory website](#). The link provided will open the Soil Capability for Agriculture webpage. Click on the [KML file](#). The KML file will automatically insert into Google Earth. A folder named Soil Capability for Agriculture is now located in the Temporary folder.
- Expand the Soil Capability for Agriculture folder to open a list of regions. When the boxes of the regions are checked, you will notice square grids are plotted onto the Canada map.
- Look for your Pinned project site, which should be located within a square grid. Left click in the middle of the square grid and a window will appear with options. Pick the second option – View map via KML. A colored CLI map of agricultural soil classification will appear on the square grid showing where the project site is located.
- Zoom-in to the pinned project site until the agriculture capability classification map becomes visible.
- When you are ready to remove the CLI map, simply uncheck the box for Soil Capability for Agriculture from the Temporary folder under Places in the navigation pane.

If you have questions on following the steps to use the feature, [please contact us](#). Note that the definition of prime farmland can be found in the LEED Canada Reference Guide for Green Building Design and Construction 2009, and is further clarified in CIR 1165: Clarity on the definition of Prime Farmland under SSc1. Previously developed land is not considered prime farmland.

[Back to table of contents »](#)

See you at the Building Lasting Change Conference!



This year's conference is better than ever! The LEED team will be there in force - bring your questions to us at Booth #215, or just drop by to meet the staff who develop the tools and oversee certification.

A whole education stream is dedicated to "Transitioning to LEED v4: The Path to Continuous Improvement" - it features these great presentations:

- The Power of Environmental Surfing for Human Health and Environmental Resiliency - Master Speaker Vivian Loftness
- Product Transformation: The Manufacturer's Journey towards Transparency and Optimization
- Lifecycle Assessment: A better way to choose Materials (and a new v4 credit)
- The Policy Conundrum: Steering a Big Ship Toward Change
- Material Transparency: How to Research Materials
- Beyond Bins: What Certified Projects Tell Us About Design and Construction Waste Practices for LEED v4
- Is Equivalency Equal?

[Conference program at a glance](#)

[Education program – day 1](#)

[Education program – day 2](#)

New Guidance for FSC Chain of Custody

Important clarifications to FSC chain-of-custody requirements and the methodology for calculating costs have been provided through the recent release of CIR 1191- Certified Wood: FSC-CoC Documentation Compliance for BD&C 2009.

In addition, the CaGBC has updated its [FAQ on the use of certified wood in LEED](#) to reflect the new guidance from CIR 1191.

[Public comment period open for LEED for Operations and Maintenance: Multifamily. Deadline is May 29. Learn more...](#)

[Back to table of contents »](#)

Update to the LEED Canada EB:O&M Option B&C Calculator

The LEED Canada EB:O&M Option B&C Calculator has been updated to ensure it is consistent with the latest changes to ENERGY STAR Portfolio Manager. Details of the changes incorporated into Version 5 of the calculator, released in April, can be found in the Version History tab of the calculator.

The Option B&C Calculator is used by LEED Canada EB:O&M 2009 projects that do not qualify for an ENERGY STAR Portfolio Manager rating. It supports the documentation of Energy and Atmosphere prerequisite 2 (Minimum Energy Efficiency Performance) and credit 1 (Optimize Energy Efficiency Performance).

Projects documenting compliance with EAp2 and EAc1 through Option B or C are required to use the revised calculator (version 5) which is available on the [CaGBC's Existing Buildings webpage](#) under Project Resources.

[Back to table of contents »](#)

Correction to LEED Canada NC/CS 2009 Letter Templates

Please note that a correction has been made to version E of the LEED Canada NC/CS 2009 Letter Templates, released last month. Version E2 corrects a problem with SSc6.2, which was not always scoring properly. Thanks to the consultants who pointed out this error – please be sure to let us know of corrections required to any CaGBC tools or guidance, your input is invaluable and you will be helping the entire industry! Simply contact info@cagbc.org with your comments.

Version E2 is now available from the [LEED Canada NC 2009](#) and the [LEED Canada CS 2009](#) Rating System pages on CaGBC's website. No changes were necessary for the French LEED letter templates.

[Back to table of contents »](#)

Education for LEED Practitioners

The CaGBC is pleased to offer these upcoming webinars designed for experienced LEED practitioners.

[Applying the NECB to LEED v4](#) - on May 21, 2015, join Christian Cianfrone from Morrison Hershfield to learn how to properly apply the *National Energy Code for Buildings 2011* under the LEED v4 Alternative Compliance Path for EAp2/EAc1. \$49+tax for CaGBC members; \$59+tax for non-members.

[Understanding the Ebbs and Flows of Stormwater Management](#) - on June 11, 2015 join Braden Kurczak and Steve Van Haren to find out why a high percentage of projects miss out on achieving the stormwater management credit under the LEED 2009 BD+C Rating Systems (SSc6). This webinar will focus on common misinterpretations of the SSc6 credits and will review relevant committee CIRs. Learn first-hand, from a LEED Review Team member and members of the LEED Canada Sites & Water Technical Advisory Group, what you need to do to achieve SSc6 points. \$49+tax for CaGBC members; \$59+tax for non-members.

[Commissioning Existing Buildings: Facility Owners, Managers](#) - on June 16, 2015, join Eric Chisholm of Halsall to learn the value and process for commissioning existing buildings to reduce facility cost, increase comfort, and manage risk. \$49+tax for CaGBC members; \$59+tax for non-members.

[Kicking Toxic Chemicals out of our Buildings](#) - on June 23, 2015, find out about a new furniture flammability standard that has originated out of California. The original flammability standard has been the defacto standard for all of North America, and it is critical for those outside of California to understand how to avail themselves of the new regulations. \$29+tax for CaGBC members; \$39+tax for non-members.

[LEED v4: Secrets to a Well Commissioned Envelope](#) - on June 17, 2015, join Jamie McKay of Morrison Hershfield to learn how new envelope design philosophies have begun to integrate building conditioning goals, and discuss the benefits, hurdles and considerations in pursuing building envelope commissioning. \$49+tax for CaGBC members; \$59+tax for non-members.

[Back to table of contents »](#)

Employment Opportunities with the LEED Team

The CaGBC is a growing organization that provides opportunities for professionals ranging from energy modellers and engineers to architects, materials specialists, and others with LEED experience. Working for the CaGBC means working with some of the most innovative projects from across the country, and helping shape the future of LEED in Canada.

Among the many benefits of working for Canada's foremost authority on green building and sustainability: we offer a great work environment, competitive salaries and a comprehensive benefits package.

Job positions range from entry level, to requiring up to five years of LEED experience – click on each title for further information and to submit your CV for consideration today with a letter of interest to recruitment@cagbc.org.

Entry Level (1-3 years work experience):	LEED Junior Technical Coordinator
Mid Level (3 years professional experience): OR (5 years LEED experience):	LEED Technical Coordinator LEED Reviewer
Career Level (5+ years LEED experience):	LEED Specialist - Energy & Engineering LEED Specialist - Materials

If you are results-oriented, embrace challenges with a positive attitude, have a high level of integrity, and a sense of responsibility – we are interested in you.

Recent CIRs

Credit Interpretation Requests ruled on since the last LEED Technical Bulletin (Feb12, 2015) are listed below. To view any of these CIRs, simply go to [CaGBC's CIR database](#) and search by CIR number. Note that CIRs can apply to multiple rating systems and versions - see the CIR rulings for more information.

#	Rating System	Version	Credit Prerequisite	Subject
1191	BD+C	2009	MRc7	Certified Wood: FSC-CoC Documentation Compliance for BD&C 2009 / Bois certifié : Conformité de la documentation de la certification de la chaîne de possession du bois pour LEED C+CB 2009
1221	BD+C	1 & 2009	IEQc4.2	Correct category for rust preventative coating / La bonne catégorie pour les enduits de prévention contre la rouille
1226	BD+C	2009	SSc4.3	Clarification of ratios required for carshare programs / Clarification des ratios exigés pour les programmes de partage de véhicules
1208	BD+C	2009	IEQc8.1	Demonstrating daylighting compliance via the prescriptive option, using glare control devices in lieu of applying the maximum value
1156	BD+C	1 & 2009	SSc6.2	Clarification of Changes Made to LEED Canada NC 2009 Letter Template (Version E) for SSc6.2: Stormwater Design, Quality Control/Clarification des modifications apportées à la lettre type (version E) de LEED Canada NC 2009 pour le crédit AÉSc6.2 : Gestion des eaux pluviales, contrôle de la qualité
1182	BD+C	1	EAp2	Energy modelling of reference envelope construction for historic buildings with upgraded envelope
1190	BD+C	2009	EAc5	Is commitment to the Living Building Challenge Net-Zero Energy Petal an acceptable method to achieve LEED NC EAc5 M&V credit?
1207	BD+C	2009	Admin	Project boundary of an addition with respect to MPR 2
1188	BD+C	2009	Admin	Defining the LEED Project Site Boundary when part of a larger site with future phased developments
1203	BD+C	2009	MRc7	FSC-Chain of Custody claim requirement
1048	BD+C	1 & 2009	WEc1	River water contributing as non-potable water towards achieving WEp1 and WEc1-3?
1215	BD+C, EB:O+M	2009	WEp1	Use of Alternative Gender Ratio in Water Use Reduction Calculations / Utilisation d'un autre ratio hommes-femmes dans les calculs de réduction de la consommation d'eau
1158	BD+C	2009	EAc3	Cx Scope in Tenant Space
1216	BD+C	1 & 2009	EAp2	MNECB 7.2.2.1 Controls for Power Receptacles / CMNÉB 7.2.2.1 Commandes pour les prises de

				courant
1217	BD+C	1 & 2009	EAp2	MNECB 4.2.6 Lighting System Design and Operation / Conception et fonctionnement du système d'éclairage
1196	BD+C	2009	SSc6.2	Clarification of SSc6.2 Credit Requirements / Clarification des exigences du crédit AÉS 6.2
1197	BD+C	1 & 2009	SSc6.1	Clarification of Documentation to Support Credit Compliance for SSc6 – Stormwater Management / Précisions sur les documents à soumettre en appui à la conformité aux crédits AÉS 6 – Gestion des eaux pluviales
1198	BD+C	1 & 2009	SSc6.2	TSS Removal Efficiencies / Efficacité de l'élimination du TSS
1199	BD+C	2009	SSc6.2	Applying CIR 1075 for Projects Registered Before the Date of Final Ruling / Application de la DIC 1075 pour les projets inscrits avant la date de la décision finale
1200	BD+C	2009	SSc6.2	TARP II Field Testing to Support SSc6.2 / Essais sur place selon le protocole TARP II en appui au crédit AÉS 6.2
1201	BD+C	1 & 2009	SSc6.1	Detaining Water to Comply with Credit Requirements / Retenue des eaux aux fins de la conformité aux exigences du crédit
1202	BD+C	1	IEQc4.2	Asphalt in enclosed parking to be exempted from EQc4.2

[Back to table of contents »](#)

Updated CIRs

Credit Interpretation Requests can be superseded as new direction becomes available. When a CIR is superseded or otherwise updated, the CIR will be listed in the Technical Bulletin. Please see [CaGBC's CIR database](#) and search by CIR number to see the updated text.

#	Primary Rating System	Version	Credit Prerequisite	Subject
1088	BD+C	1 & 2009	EAc1	Claiming energy savings for exterior lighting / Réclamer des économies d'énergie pour l'éclairage extérieur

[Back to table of contents »](#)