



## **WATER RESOURCES / WATER SERVICES**

### **LOW IMPACT DEVELOPMENT MODULES UPDATE**

Further to the bulletin issued on September 2014, Low Impact Development Modules; guidelines on the design and construction of Permeable Pavements is now complete.

Three modules are now available and can be accessed online through:

<http://www.calgary.ca/UEP/Water/Pages/Specifications/Submission-for-approval-/Development-Approvals-Submissions.aspx>

- Module 1- Geotechnical and Hydro-geological Considerations
- Module 3- Green Roof
- Module 6 – Permeable Pavements

Please note that, while the modules were prepared using the best literature, resources and research reports available to date, the field of LID is still evolving. As such, there may be applications that are not yet covered by the Guidelines and therefore will require assessment on a case-by-case basis. In addition, given the evolutionary nature of LID, Water Resources recognizes that there will be a transitional period and therefore will be flexible where possible in the implementation of the LID modules, and is open to constructive alternatives provided that the intent of the modules is met to Water Resources' satisfaction. We also welcome any feedback to continually improve future releases of the modules and LID Guidelines.

Training sessions pertaining to the rollout of all modules will be organized within the next year. In addition, Water Resources intends to embark on a second phase of the LID Manual which is to provide worked-out examples and standard details and drawings of an integrated subdivision / private site developed using the LID principles laid out in the six modules.

For any questions or comments related to the above, please contact either Bert vanDuin, Drainage Technical Lead at (403) 268-6449 or at [bert.vanduyn@calgary.ca](mailto:bert.vanduyn@calgary.ca) or May Cayanan, Project Engineer at (403) 268-3298 or at [may.cayanan@calgary.ca](mailto:may.cayanan@calgary.ca).