



# Stormwater C.3 Compliance: Planning, Design, and Construction of Low Impact Development (LID) Facilities

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**Monday, May 23, 2011 – 8:00 A.M. to 3:30 pm**

*Centre Concord, 5298 Clayton Road, Concord—Diablo/Laurel Room*

- 8:00 – 8:30**      **Check-In and Continental Breakfast**
- 8:30 – 8:40**      **Greeting and Introductions**  
*Tom Dalziel, Contra Costa Clean Water Program*
- 8:40 – 9:10**      **New Requirements for Infiltration, Evapotranspiration, and Harvesting/(Re)Use—Where are the Regulations Going?**  
*Dan Cloak, Dan Cloak Environmental Consulting*
- 9:10 – 9:25**      **Overview of New Content in the *Stormwater C.3 Guidebook, 5<sup>th</sup> Edition***  
*Dan Cloak*
- 9:25 – 9:50**      **LID Other than Bioretention—Site preservation, permeable pavements, green roofs, dispersion to landscape, and harvesting/use**  
*Dan Cloak*
- 9:50 – 10:10**      **Design Standards for Bioretention Facilities**  
*Dan Cloak*
- 10:10 – 10:30**      **Grading and Drainage Design for Bioretention**  
*Dan Cloak*
- 10:30 – 10:45**      **Break**
- 10:45 – 11:15**      **Geotechnical Constraints in Stormwater Infiltration Practice**  
*Uri Eliahu, GE, ENGEO*
- 11:15 – 11:45**      **Properties of Bioretention Soils**  
*Scott Wikstrom, City of Walnut Creek*
- 11:45 – 12:15**      **Successful Plant Palettes for Bioretention Facilities**  
*Vince Lattanzio, Carducci and Associates*
- 12:15 – 1:30**      **Lunch**
- 1:30 – 2:30**      **Putting it All Together: Analyzing a Project for LID and Documenting Compliance with LID Design**  
*Dan Cloak*
- 2:30 – 3:00**      **Photo Tour and Review of Contra Costa LID Sites**  
*Tom Dalziel*
- 3:00 – 3:30**      **Wrap-up and Discussion**