

## **Erosion Control for LID Practices: the Secrets to Successful Design and Installation**

Course outline:

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| 8:00 – 8:30   | Registration  |
| 8:30 – 9:00   | Erosion Control 101: Introduction to Erosion and Sediment Control (ESC) Basics  |
| 9:00-10:30    | Tools in the Toolbox  |
| 10:30 -10:45  | Break   |
| 10:45 – 12:00 | ESC on Steroids: Understanding the differences between traditional development and LID  |
| 12:00 – 12:30 | Lunch   |
| 12:30 – 1:45  | New Development Process: going from mass grading to final product<br>Planning for LID Practice protection during:<br>Mass grading<br>Utility construction<br>Dewatering<br>Street construction<br>Building development<br>Final stabilization<br>Certification, monitoring and maintenance  |
| 1:45 – 2:00   | Break   |
| 2:00 – 3:15   | Retrofit Development Process: a whole different ball game<br>Subwatershed analysis - bang for the buck<br>Developing the concepts<br>Taking it to the Streets: selling it to the neighborhood and elected officials<br>Plans and practices<br>On line/off line<br>What happens when things go wrong? Working within the budget<br>Effective construction techniques<br>Final stabilization<br>Certification, monitoring and maintenance |
| 3:15 – 3:30   | Break   |
| 3:30 - 4:30   | Class exercises:<br>New Development Project: Fields of Burandt Lake<br>Redevelopment Project: Lilly Lake  |