



## **Sustainable Principles for Land Development Presentation Summary**

Sustainable Principles for Land Development is a discussion of the many approaches available to incorporate sustainability in site related issues to support five green goals: enhancing biodiversity, preserving stormwater quantity and quality, preserving natural resources, protecting air quality, and reducing greenhouse gas emissions. A holistic approach that encompasses a watershed perspective will be peppered throughout.

Case studies and a real how-to discussion will be used to clarify how good initial planning strategies can be combined with engineering solutions to restore a more natural functioning condition after development. Included will be the science of stormwater and a look at source control, vegetated swales, pervious surfaces, and much more.

A lively discussion throughout the presentation is welcome, so please come (or send a friend) with your burning questions!

### **Presented by:**

Maria Cahill  
Green Girl Land Development Solutions  
Sustainable Site Specialist

Maria Cahill earned a bachelor's degree in Civil Engineering from the Pennsylvania State University. For eight years, she worked for pioneers of holistic land development back East in landscape architecture and engineering firms working on large scale planning projects and watershed assessments and green land development projects. In the four years before starting Green Girl LDS, Maria carried out civil engineering design and project management to create construction documents and secure permits for some of the leading sustainable projects in the Portland metropolitan region. Her current business is dedicated to providing technical assistance and training to land development professionals.