

What is Low Impact Development (LID)?

Land development approach that uses various land planning and design practices and technologies to simultaneously conserve and protect natural resource systems while reducing infrastructure costs.

Why should I use LID techniques?

LID techniques are a more environmentally sound and economically sustainable approach to meeting NPDES Stormwater Phase II Permit requirements, TMDL Permit requirements, Nonpoint Source Program goals, and Water Quality Standards.

What is the objective of LID?

LID is a method to integrate stormwater management in order to:

- Mimic a site's predevelopment hydrology,
- Store, infiltrate, evaporate, and detain runoff,
- Manage rainfall at the source,
- Provide distributed micro-scale controls,
- Eliminate or reduce end-of-pipe facilities located at the bottom of drainage areas.

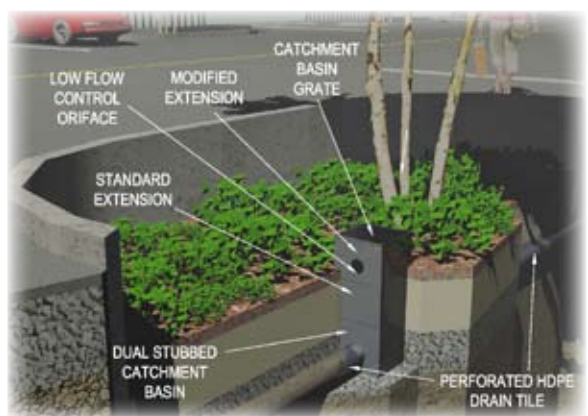
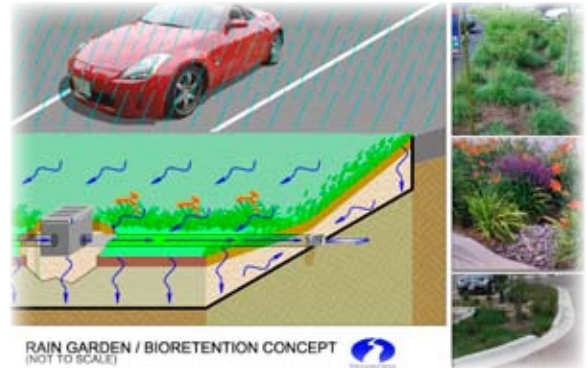
What are LID techniques?

LID techniques to integrate stormwater management include:

- Customize site design according to the site analysis,
- Preserve open space and minimize land disturbances,
- Protect sensitive natural features and natural processes
- Identify and link on- and off-site "Green Infrastructure"
- Integrate natural features (wetlands, riparian corridors, mature forests)

What are the "talking points" of LID?

- LID is simple and effective
- LID is economical
- LID is flexible
- LID is a balanced approach





Our Mission

We strive to improve ecological resources through engineering design and implementation of sustainable, practical solutions and build closer relationships between our clients, government, and community through outstanding service.

Sustainable Sites Engineering

Stormwater Management

- Low Impact Development
- Green Infrastructure BMPs
- Rain Water Harvesting
- Floodway and Floodplain Enhancement

Policy Administration

- Technical Manual Development and Revisions
- CSO Long Term/Wet Weather Control Plan Review and Revisions
- Development Policy Review
- Drainage Review
- Green Infrastructure Implementation Planning and Incentives

LEED

- Technical Charrette
- Master Planning
- Full Service Sustainable Civil Engineering
- Development Plan Implementation

Wastewater Management

- Ecological Treatment Systems
- Grey Water Re-Use

Regulatory Consultation

- Natural and Cultural Resource Assessments
- Endangered, Threatened and Rare Species Investigation
- Stream Naturalization and Relocation Design
- 404/401 Permit Obtainment and Monitoring
- National Environmental Policy Act (NEPA) Documentation

Watershed Restoration

- Watershed Management Plan Development and Implementation
- Erosion Control and Best Management Practice Inspection
- Funding Identification Assistance
- Comprehensive Drainage Studies



Corporate Office Rain Garden



Our Guiding Principles

PASSION

SUSTAINABILITY

EXCELLENCE

PROFESSIONALISM

TEAMWORK

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