

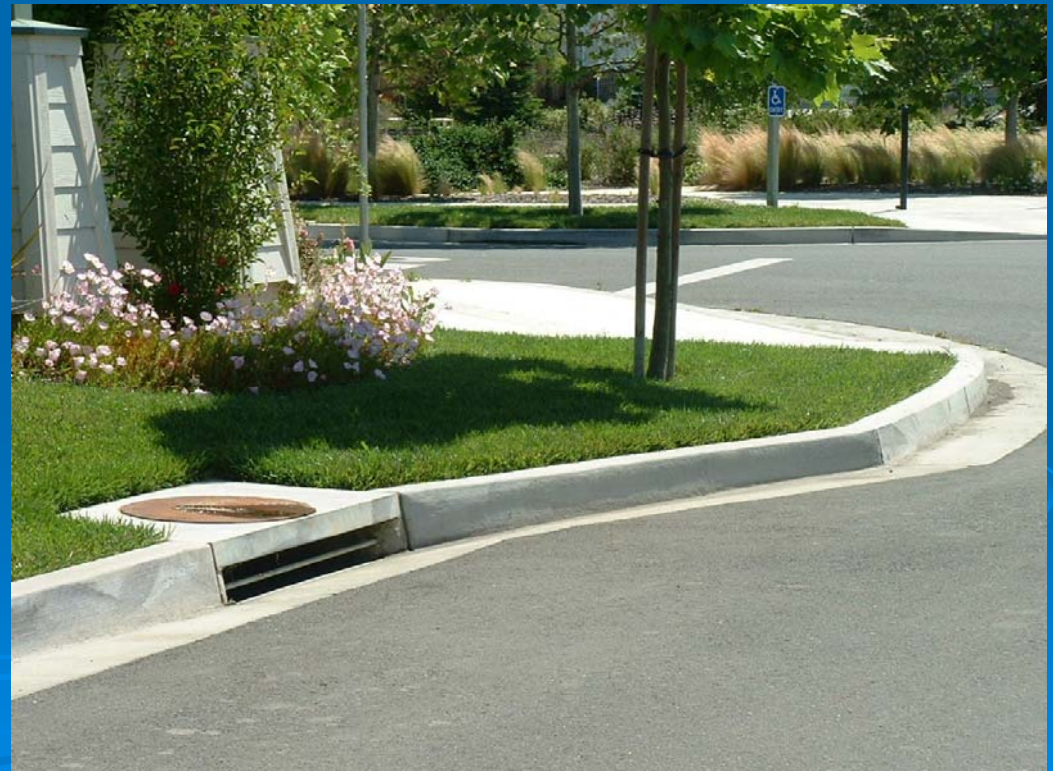
City of Sonoma



Low Impact Development with a Stormwater Focus

February 27, 2010

Did you know waste from toilets and water from storm drain drains goes to different places?



Waste from toilets goes to the Sonoma Valley County Sanitation District and storm drain water drains to our creeks.



Water that drains into the storm drain is **NOT VERY** clean.

- Chemicals from fertilizers
- Trash from the street
- All kinds of pollutants from vehicles
- Cigarette butts—yuck



All of these things are bad for
the health of our creeks.

**ONLY RAIN DOWN
THE STORM
DRAIN!**



What can I do to protect our creeks?

- Only use environmentally friendly products on landscaping.
<http://www.ourwaterourworld.org/>
- Don't litter
- Keep stormwater on your own property. Slow it. Spread it. Sink it.



Low Impact Development (LID)

LID is an approach to land development that works with nature to manage stormwater as close to its source as possible.



Low Impact Development (LID)

- Stormwater is a resource--let's not waste it!
 - Rain gardens
 - Rain barrels
 - Bioswales
 - Permeable surfaces
 - Green roofs



Rain Gardens



* Rain gardens must be designed to infiltrate within 72 hours.

Rain Barrels



Bioswales



Permeable Surfaces



Green Roofs



Photo provided by:
Emilio Ancaya
Living Roofs, Inc.

Sonoma Community Center's Water-wise Demonstration Garden



Resources

Wendy Atkins: City Hall (707) 933-2204; watkins@sonomacity.org

Rain Gardens: <http://www.waterboards.ca.gov/>

Rain Barrels: City of Sonoma Website,
<http://www.sonomacity.org/Uploads/17647.pdf>

Bioswales: <http://www.waterboards.ca.gov/>

Permeable Surfaces: <http://www.waterboards.ca.gov/>

Green Roofs: <http://www.waterboards.ca.gov/>

Our Water Our World: <http://www.ourwaterourworld.org/>

Environmental Protection Agency: <http://www.epa.gov/>

Please contact the City's Building Department to determine if a building permit is required.