



RESIDENTIAL DO'S AND DON'TS

- Use non-toxic products whenever possible
- Never pour unwanted chemicals on the ground or in storm drains
- Clean up spilled fuel, oil, brake fluid, and antifreeze
- Compost trimmings from your lawn and garden
- Pick up after your pet
- Do not over fertilize. Have your soil tested.
- Select plants that have low requirements for water, fertilizers, and pesticides
- Use lawn and garden chemicals sparingly
- Do not over-water your lawn or garden

HOW MUCH WATER?

- One inch of rainfall on 1000 square feet of roof produces approximately 600 gallons of runoff water
- New Orleans' average annual rainfall is 64 inches
- 38,400 gallons could be captured each year for every 1,000 square feet of roof

References and Additional Reading

www.lsuagcenter.com
www.epa.gov
www.raingardens.org
www.saveourlake.com
www.americaswetlandresources.com
www.greenbuilder.com
www.rainbarrelguide.com

Noah's Garden: Restoring the Ecology of Our Own Backyards
by Sara B. Stein



METHODS OF STORMWATER MANAGEMENT

RAIN BARRELS

- Capture rain water for later use
- Soaker hose will empty barrel in 24 hours
- Low pressure
- 2.3 feet elevation equals 1 psi

GRASS SWALES

- Shallow ditch on unused lawn area
- Moisture tolerant plants and trees can be planted
- Slows runoff allowing saturation into soil

FRENCH DRAINS

- Uses perforated piping surrounded by rock and landscape fabric
- Allows water to flow in and out of pipe
- Also allows saturation into soil

LEACH FIELDS

- Same principle as french drain
- Covers a larger area thus more water captured
- Trees and plants can use the water after rain is over

PERMEABLE PAVING

- Wood deck boards allow water to flow to ground beneath
- Pavers allow water to flow through cracks between them
- Pervious concrete allow water to soak through it
- Rock or mulch surface slow runoff and help absorb water

RAIN GARDENS

- Gardens are excavated deeply and rock or sand is added to bottom
- Soil is amended with plenty of organic matter
- Plants need to be able to tolerate both very wet and very dry conditions