



LAND STEWARDSHIP PROGRAM GREEN COMPONENTS

This document is provided for the purpose of: first, clarifying the Definition of Green Components as determined by the Land Stewardship Program; second, providing sample components that may be reimbursable with Parks for People funds; and third, listing features that may not be reimbursable with Parks for People funds.

DEFINITION OF "GREEN COMPONENTS"

The Land Stewardship Program defines "green components" as products and/or technologies used in site development for public service that reduce the environmental burden associated with traditional technologies, materials or fixtures. For example: the environmental burden associated with improper landscape irrigation systems. Furthermore, "green components" are economically viable products and/ or technologies that adhere to county and State regulations; are actively pursued throughout all site development; and are becoming integral in the municipality's building development practices. "Green components" include: 1. environmentally beneficial landscaping practices; 2. Sound irrigation technologies and practices; 3. Materials and practices that incorporate environmentally friendly and sustainable site development, recycled and wood certified materials, etc; 4. Energy efficient fixtures; and, 5. Interpretation.

SAMPLE "GREEN COMPONENTS" FOR THE DEVELOPMENT OF BOND ACQUIRED OPEN SPACES

Right Plant Right Place

Drought tolerant trees and shrubs

Drought tolerant grass or groundcover for open play areas

Plants are grouped according to water needs in zones

Plant species do not require frequent pruning (reduced yard waste)

Florida friendly plants for wildlife (i.e. for butterflies, birds, beneficial insects, native wildlife)

Plants with greatest water needs closer to buildings for shade and rainfall runoff

Mulch Utilization

Mulch for groundcovers replaces grass in difficult to reach areas such as narrow strips between beds or in very shady spots

Recycled mulch or by-product alternatives (Melaleuca, leaves, pine needles or bark, no cypress mulch)

2" to 3" of mulch over the roots of trees, shrubs and plant beds

Sound Irrigation Standards

High volume and low volume irrigation systems are soundly designed and operate according to plant zones and water restrictions

Automatic rain shut-off devices or smart irrigation technologies installed on sprinkler systems abide to State, County Law and possible water restrictions

Water conservation measures in irrigation reduction of 50% or more compared to present water utilization

Reduced Storm-water Runoff

Downspouts and gutters directed to drain into the lawn and planting beds

Swales in low areas to collect and filter rainwater

Gravel, paver, crushed shell, mulch or other pervious surfaces proposes for trails

Protecting the Waterfront

Fertilizer and pesticide free area along the shoreline (if present) of at least 10 feet

Buffer zone of low-maintenance plants between lawn and shoreline to absorb nutrients and provide habitat for wildlife

Native aquatic vegetation back of the seawall (if present)

Water Savings

Low-flow or reduced flow plumbing for toilets, faucets, fountains

Flush-less urinals

Material Selection

Recycled products for picnic tables, benches, trash bins, playgrounds, restrooms partitions

Low or no VOC (volatile organic compound) paints, finishes and/or adhesives

Forest certified products if wood will be utilized

Pervious concrete, self-cleaning and environmental-clean concrete

No more than 10% impervious surface

Energy Efficiency

Energy efficient lighting

Passive or active solar concepts

Automatic or time controlled devices

Interpretation

Interpretive signage to highlight the use of efficient standards for energy and water conservation on site

LIST OF SOME OF THE FEATURES OR ACTIVITIES THAT MAY NOT BE REIMBURSABLE WITH PARKS FOR PEOPLE FUNDS

- Resources used for research on "Green Components" materials and practices,
- Resources used for preparing updates to Open Space site development,
- Proposal development, operations and management costs.