



City of Maitland

Green City Certification

Rotary Club Presentation

February 16, 2010

What is "Going Green?"

- **The definition of green has changed:**



- Hippies and Communes?
- Tree Huggers?
- Bunny Lovers?
- Greenpeace?



What is "Going Green?"



Reduce - Reuse - Recycle
"Sustainability"

**It's making conscious, common sense
decisions.....Budget.**

Why Should We?

The “FEELS GOOD” impacts

Recognition as leaders

Process that extends beyond political terms and generations

The Stark Realities

Reduced Government Utility Use

Reduced waste

REDUCTION IN COST



GREEN LOCAL GOVERNMENT

- **Florida Green Building Coalition (FGBC)
Green Local Government Designation**
- **Focuses On Improving Local Government's
Environmental Performance**
 - 1. Lead By Example**
 - 2. Incentives And Ordinances**
 - 3. Education for City Staff And The Community**

What does this mean for MAITLAND?

- **Council Goal**
- **Learn about FGBC GLG**
 - Orange County EPC
 - Florida Local Environmental Resource Agencies (FLERA)
- **Green Local Government Assessment**
- **Application**
- **Implementation**



Assessment



- Systematic process that entails a point system, encompassing 230 different elements in 19 different categories.
- Level of certification is dependent upon points achieved.
 - Silver: 21 to 40% of Maximum Available Points
 - Gold: 41 to 60% of MAP
 - Platinum: 61 to 100% of MAP
- Documentation

Policies

- Environmentally Preferable Purchasing
- Green Fleet Best Management Practices
- Energy Efficient Computing Guidelines
- Printing and Paper Use
- Integrated Pest Management
- Invasive Species Program
- Landscape Maintenance Policy
- Recycling Policy



Ordinances, Resolutions



- Resolution 12-2009 – Green Building standards
- Resolution 14-2009 – ICLEI participation
- Resolution 15-2009 – Green Building Management Practices
- Ordinance 1193 – Water Conservation
- Ordinance 1189 – Boat Dock Ordinance

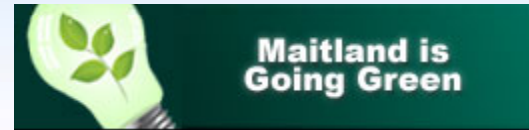


Administrative

- Employee Orientation includes Environmental Issues
- Replace Desktop printers with printing hubs
- Ink Cartridge Recycling
- Green Building Standards
- Energy Reduction – Computers/Monitors
- Environmentally Sensitive Purchasing

Examples

- City Web Site
 - Green City Certification
 - Water Conservation and Air Quality
 - Recycling
 - Benefits of Green Development
 - Alternative Commuting
 - Green Fleet and Green Boater Education
 - Energy Reduction



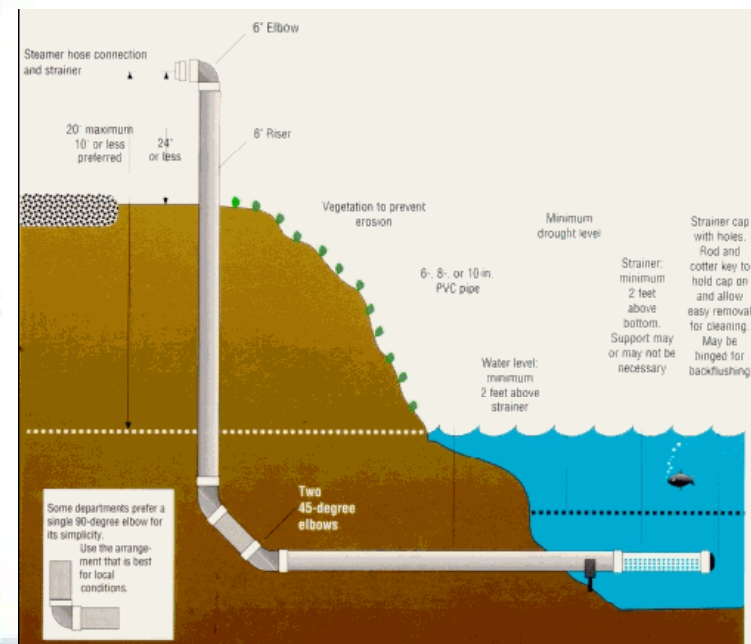
Police

- New Police Station is LEED Certified Building
 - Even has a switch on the commodes for liquid vs. solid wastes!
- Training with frangible ammunition, recycling of copper.
- Digital photography instead of photo processing



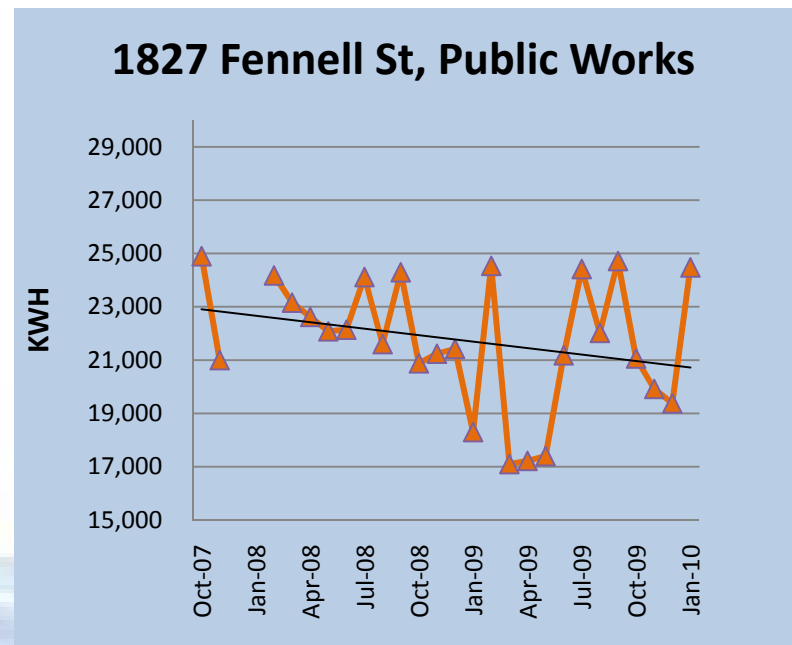
Fire

- Installed equipment to use water from pond to cycle through fire apparatus for training and return water to pond.
 - Saves water
 - Saves fuel



Public Works

- Best Management Practices for irrigation
- Tracking of energy use (KW hours)
- Programmable thermostats
- Tracking of water use
- Recycling/mulch
- White roof tops
- Diesel mowers



Stormwater/Lakes

- Exfiltration/retention for storm water runoff treatment
- Invasive Aquatic Plant Removal
- Storm Water Education
- Storm Sewer Maintenance



Examples

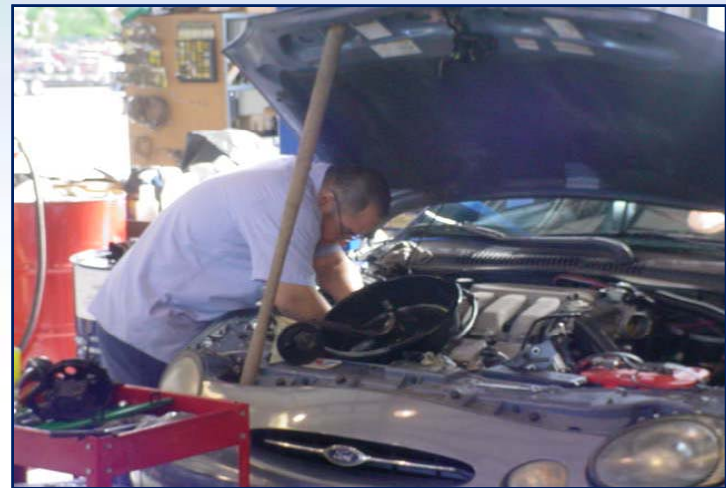
- Fleet Maintenance

- Recycle!

- Batteries
- Tires
- Recycle scrap metals
- Oils, transmission fluids, solvents, refrigerants

- Spill containment plans

- Wrecked police car...sent to auction, bought back from insurance company for \$250, got \$3,000 in parts, sold at auction for \$550!





Results!

Application submitted to FGBC
for Certification
at the “**GOLD**” Level
for
Green Local Government!

A vertical sequence of images showing a green leaf stem dripping water. At the top, a green stem hangs down, with a small droplet forming at its tip. Below this, a single, clear water droplet is captured in mid-air, falling. At the bottom, the droplet has hit a surface, creating a splash with a small crown of water rising from the impact point. The background is a soft, light blue gradient.

Questions?