



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: General Services
Department No.: 063
For Agenda Of: October 23, 2007
Placement: Administrative
Estimated Tme: 20 minutes
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors

FROM: Department Michael F. Brown, County Executive Officer
Director(s) Bob Nisbet, Director, General Services Department, ext. 2626

Contact Info: Ronnie Thompson 568-2678

SUBJECT: **Green Team Annual Update 2007**

County Counsel Concurrence

As to form: N/A

Auditor-Controller Concurrence

As to form: N/A

Other Concurrence: Susan Paul, Assistant CEO

As to form: Yes

Recommended Actions:

That the Board of Supervisors set a hearing for November 6, 2007 to:

1. Accept the Green Team's 2006-2007 Annual Update (Attachment A);
2. Accept the Integrated Pest Management (IPM) Update from the Grounds Management Committee (Attachment B); and
3. Add 1.0 FTE, an Energy Manager position, to General Services Budget Unit 2500.

Summary Text:

At the direction of the Board, staff has prepared the 2006-2007 Green Team Annual Update (Attachment A). The Green Team Annual Update reports on the County's efforts to protect, preserve, and improve the environment in areas of commingled recycling, hazardous waste recycling, energy conservation, fuel efficient fleet vehicles, water quality protection, and utility efficiency.

The Integrated Pest Management Update (Attachment B) describes the County's efforts to reduce the use of pesticides while controlling pests and promoting weed management.

The establishment of an Energy Manager position is needed in order for the County to effectively manage utility usage (electricity, gas) and reduce the organization's carbon footprint, which is the calculated amount of greenhouse gases emitted. In addition, establishing this position will allow the County to manage its responsibilities under Assembly Bill 32 (AB 32), which sets a goal for the State of California to reduce greenhouse gas emissions to 1990 levels by the year 2020. This action is aligned with the County of Santa Barbara's ACE Values: Accountability, Customer-Focus, and Efficiency.

Key responsibilities of the Energy Manager position would include:

- Leading the County's energy conservation responsibilities
- Securing grants related to implementing energy efficiencies
- Ensuring all County utility meters are accounted for and correctly allocated
- Managing the measurement of the County of Santa Barbara's carbon footprint
- Providing cost/benefit analyses for the inclusion of green features in new County buildings
- Managing the Green Team
- Proactively implementing cost-saving retrofit measures and implementing new, green, cost-efficient technologies as they become available

Background:

On April 20, 1999, the Board accepted the Project Charter of the newly-formed Green Team in honor of Earth Week. The Green Team's goal is to increase the efficient use of resources and reduce the County's impact on human health and the environment. This goal will be achieved through implementing programs to increase recycling efforts, conserving natural resources, purchasing recycled-content products, and purchasing environmentally-friendly cleaning and pest control products for use in County facilities.

The **Green Team** has implemented a variety of strategies and programs that promote environmental stewardship in County operations. Annually, the Green Team provides the Board with an updated report.

On April 4, 2000, the Board adopted the **Integrated Pest Management Strategy (IPM)** and directed departments to implement procedures for pesticide use as outlined in that document. The **IPM** strategy promotes the design, construction, and maintenance of County landscapes and structures to protect and enhance the region's natural resources and public health. The main component of the **IPM** strategy is to reduce the County's reliance on the use of pesticides by formalizing and increasing **IPM** techniques and practices.

The **Grounds Management Committee (GMC)**, formerly the Pesticide Committee, comprised of representatives from General Services, Public Works, Parks, and the Agricultural Commissioner's Office, meets quarterly to coordinate activities to support the County's **IPM** strategy. These activities include reviewing summary reports of pesticide use to ensure reductions in use, obtaining progress reports from County departments on their respective projects, and providing summary information for the Annual Green Team Update.

California is the tenth largest emitter of carbon dioxide pollution in the world. AB 32 put California back in the lead in the fight against global warming. AB 32 sets a goal of reducing greenhouse gases to 1990 levels by the year 2020. Reducing greenhouse gas emissions and expanding renewable energy and energy efficient technologies will contribute to forestalling the negative effects of global warming and climate change. "Economic analysts say that adoption of low-carbon policies by west coast states could save the region \$40 billion by 2020" (California League of Conservation Voters). Santa Barbara County has the opportunity to lead the way in reducing its energy use and its carbon footprint. The creation of the position of **Energy Manager** this fiscal year will demonstrate the County's commitment to AB 32 and support the County's efforts to monitor and reduce energy consumption. This position will enable the County to develop innovative strategies and demonstrate environmental leadership in the region. Position funding offsets are outlined in the Fiscal section of this document.

Consistent with the above and at the direction of the Board, staff has prepared the **Green Team Annual Update** (Attachment A) and the **IPM Strategy Annual Update** (Attachment B).

A visual representation of Green Team and Pest Management activities will be provided to each Board member on the day of the scheduled presentation.

Performance Measure:

Streamline the County's business processes to identify and reduce utility billing inefficiencies.

Fiscal and Facilities Impacts:

Budgeted: No

Add 1.0 FTE, Energy Manager position

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund	\$ 58,455.00	\$ 116,910.00	
State			
Federal			
Fees			
Other:			
Total	\$ 58,455.00	\$ 116,910.00	\$ -

Narrative: The proposed start date for the Energy Manager position is January 2008. Full fiscal year funding would commence July 1, 2008. Creating this position places the County of Santa Barbara on the leading edge of energy conservation among the surrounding counties and municipalities.

This position has the potential to pay for itself by generating revenue and reducing expenditures on utilities. Below are some examples of potential savings or revenue that could be generated through the establishment of the requested position, which would be used to offset the cost of the requested FTE.

1. Research and secure energy-efficient grants. (Grants are available not only for one-time events; rebates are offered by the utility companies each time capital replacement projects are initiated for boilers and HVAC equipment.) **(Potential Revenue Generation: \$30,000)**
2. Create and manage efficiency/conservation programs with all County departments. Ensure correct implementation and ongoing compliance through appropriate training and monitoring. Currently the County spends \$3M per year on electricity; simply reducing consumption by 1% would generate ongoing savings of approximately \$30K per year. **(Potential savings: \$30,000)**
3. Provide cost/benefit analysis calculations to assess whether "green" features should be included in new buildings. The County seldom sells buildings and therefore, slightly longer payback periods could be used as the benefit period would stretch into decades. **(Potential savings: \$40,000)**

Total Projected Savings: \$100,000 (annually) with the potential for increased future savings.

Staffing Impacts: -

Legal Positions: FTEs:
 1

Special Instructions:

Attachments:

Attachment A: 2006-2007 Green Team Annual Update and

Attachment B: IPM Strategy Annual Update

Authored by:

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cc: William Gillette, Agricultural Commissioner
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Dan Hernandez, Director, Parks Department