

April 1, 2005

President C. Al Bowman  
Illinois State University  
Campus Box 1000  
Normal, IL 61790-1000

Dear President Bowman,

I am pleased to present you with the Illinois State University Green Team 2005 Annual Report. This report provides you with a summary of the efforts initiated by the Green Team and subcommittees during the past year. We have aligned ourselves with the goals articulated in *Educating Illinois*; by embracing individual subcommittee goals, the Green Team continues to move Illinois State University toward environmental sustainability.

The Green Team focused this year on Solid Waste & Recycling, Energy Consumption & Conservation, and the development of a Marketing Plan. The following pages provide you this year's accomplishments as well as next year's goals.

It is my hope that you find this Green Team 2005 Annual Report to be a useful resource. The intent of all Green Team members is to serve Illinois State University as the environmental stewards of campus. Through the efforts of all campus constituencies, we will continue to be the higher education institution of choice.

Sincerely,

Chuck Scott  
Chair, Green Team

cc: Provost John Presley  
Vice President Stephen Bragg  
Vice President Susan Kern  
Vice President Helen Mamarchev  
Academic Senate Chair Lane Crothers  
AP Council Chair Mindy Mangialardi  
CS Council Chair Martha Burk

Green Team Members:  
Bob Aaron  
Tom Bierma  
Richard Dammers  
Ron Kelley  
Tim Kelley  
Danielle Lindsey  
Chika Nnamani  
Chuck Scott

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## **Solid Waste & Recycling**

The two recycling programs established on the campus of Illinois State University in the early 1990s continue to operate effectively. With focus on reducing the total amount of land filled waste from campus, the two programs have worked closely and plan to refine existing processes during the upcoming year.

Specific examples of accomplishments for FY05, relating to Solid Waste & Recycling are as follows:

- Completion of the 5 year update to the university's Solid Waste Management Plan as required by Public Act 83-1363. The Act required a 40% reduction of land filled waste and our update indicates solid waste generated on campus has been reduced 49% since the base year 1987. Nearly 1500 tons of materials were recycled during Fiscal Year 2004.
- The Vending and Pouring Rights Contract was completed and included \$50,000 for Marketing and Recycling. These funds have been identified as a source from which to purchase recycling containers and energy saving equipment.
- A marketing plan will also be developed from the Vending revenues. The focus will be on three primary areas: consistency and simplicity in processes, reliability of collections, and increased participation. Components of the marketing plan will be the use of various medias, Toilet Talk, and development of a Reggie Recycles campaign.
- Waste audits were conducted in October 2004 and March 2005. This process, utilizing students from Environmental Health, has proven to be an effective and accurate method for identifying potentially recyclable wastes that are generated on campus.
- Pilot programs which implement the use of side-saddle waste containers have been initiated with several university departments.
- The Green Team was well represented in Earthday and Springfest activities. Countless students engaged in conversation with staff members to learn more about on-going recycling programs.
- A pilot program in which BSWs collect recyclables was initiated in eight campus buildings. It is proving to be an effective method for collecting materials and for reducing waste that is sent to the landfill.
- Milner Library hosted the annual America Recycles Day activities. Media exposure was included, which generated several questions regarding the campus wide programs.

## **Energy Consumption and Conservation**

Energy consumption and conservation continues to receive a great deal of attention on campus. Increasing gross square footage and an increase in campus population from students to faculty and staff, to visitors, would typically increase consumptions. However, due to the specific initiatives identified below, our total utility consumption is declining.

- With thanks to Tom Bierma, member of the Green Team, an Energy Fund has been established for university donors wishing to restrict their donations to energy conservation projects.
- A \$63,000 Clean Energy Community Grant was awarded to the University for Lighting Retrofits. When coupled with other operational funding, the university changed to energy efficient light bulbs in Milner, DeGarmo, Metcalf, U-High, and Stevenson.
- The individual chilled water systems within DeGarmo and CVA were abandoned and both buildings were added to the Quad Chilled Water Loop, thus creating redundant reliability and energy savings.
- The University Wind Team met with the Green Team and shared their vision for electrical generation via wind driven turbines at the University Farm in Lexington. Currently a meteorological tower is monitoring wind direction and velocity to determine feasibility of installing a wind driven turbine in the same proximity.
- The Student Environmental Health Association (SEHA) is working with the Classroom Technology Support Group (CTSG) to implement sleep mode requirements in computer labs.
- The Students Environmental Action Coalition (SEAC) is working with the Facilities Management Grounds unit to refurbish the environmental lab located along Pheasant Creek, west of the Carter Harris Building.
- Students in Environmental Health are collecting data from “*Kill-A-Watt*” meters to determine the feasibility of installing “*Vend-Misers*” in campus-wide beverage vending machines.

## **Other Accomplishments**

In addition to the accomplishments listed above, the Green Team partnered with other groups on campus to enhance our environmental initiatives. Examples include:

- In conjunction with the Office of University Planning, Green Team updated the *Educating Illinois* Report Card for Action #10.
- As approved by our Board of Trustees, the design of the new Wellness Activity Center will incorporate Leadership in Energy & Environmental Design Standards (LEEDS).
- Guerilla Troupe Theatre delivered an environmental message that was jointly developed with Green Team input to over 3000 incoming students during Passages.

## **FY06 Goals**

### Continue to support the tenets of *Educating Illinois* and Action #10.

- Analyze campus benchmarks.
- Implement policies and procedures supporting environmental sustainability.
- Review existing purchasing policies and encourage the University to give preference to products made with recycled material content whenever cost, specifications, standards, and availability are comparable.

### Fully implement a campus wide marketing plan.

- Implement a campus-wide program of creating recycle stations whereby users would make a conscious choice of whether to discard or recycle their waste.
- Posters
- Radio
- Newsprint

### Further implement various recycling initiatives.

- Refine the waste audit and analysis process.
- Revise the confidential materials collection and shredding process.
- Investigate potential for enhancing the food and landscape waste composting at Lexington.

### Continue to reduce energy consumption.

- Continue to identify, design, and implement projects that will guarantee the University with greatest benefit versus cost.
- Install “Vend Misers” on campus beverage vending machines.
- Implement computer sleep mode policy.
- Submit a FY06 Grant application for classroom lighting improvements.

### Strengthen partnerships

- UHECC
- SEHA
- SEAC
- Other environmental groups
- Send a representative to the Greening of the Campus conference.