

Attachment 2C

EDGEWOOD COLLEGE

**“ENVIRONMENTAL INDICATOR REPORT”
FOR AN ENVIRONMENTALLY-FRIENDLY
LIVING AND LEARNING COMMUNITY**

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April 2006

This report provides a list of “indicators” to monitor Edgewood College’s continuous improvement in being an environmentally-friendly living and learning community. The chosen indicators are practical and measurable. Measuring our current performance on each indicator will enable us to recognize our accomplishments to date, determine strategies for continuous improvement, implement action plans, and monitor the results.

We realize that in order to succeed the indicators and corresponding strategies must be (1) Systematic, (2) Simple, and (3) Cost-Effective. The indicators are broken down into five categories developed by the Campus Consortium for Environmental Excellence, a group of higher education institutions trying to enhance their environmental performance (www.c2e2.org). This will enable us to benchmark against similar institutions in the future, as well as our own past performance. The five categories are:

- 1) Hazardous waste and waste minimization
- 2) Energy use
- 3) Solid waste materials and recycling
- 4) Water use
- 5) Other

Specific baseline data will be gathered during the Summer of 2006. Goals and improvement strategies will be developed during the Fall of 2006 and data will be gathered and analyzed during the Summer of 2007 to determine progress being made on each indicator. In the spirit of continuous improvement, goals and strategies will be modified, and data gathered and analyzed, on an annual basis.

The Development of the Indicators

One of Edgewood College's core competencies is the campus' environmental beauty. Being in full compliance with environmental regulations, pollution prevention and continual improvement is codified among Edgewood College's formal strategic initiatives. Specific strategic initiatives include:

- Strive to attain national recognition as a college embracing the principles of education for sustainability in an urban setting;
- Develop a total college commitment to sustaining the environment ecologically, recycling, using recycled materials, and increasing our sensitivity to ecology and Native American architecture;
- Relate planning for the physical environment with the integrated learning plan;
- Develop a student friendly environment with a variety of indoor/outdoor spaces that are well maintained and aesthetically pleasing;
- Develop spaces for faculty, staff and students that will improve the working, learning, living, playing and worshipping environments.

In May 2005, Edgewood College faculty and staff associated with the schools Environmental Studies Program met to discuss how these strategic initiatives could be further institutionalized in practical and meaningful ways. A "Green Campus Task Force" was created to more directly engage students, faculty and staff in developing an environmentally sustainable living and learning community.

The working group's goal was to more systematically organize our individual environmental efforts in partnership with Christine Hansen-Schlichenmaier, the college's Environmental & Occupational Health and Safety (EH&S) Director. Approximately 20 people attended the inaugural meeting held on June 6, 2005. After sharing their hopes and aspirations, the attendees created four green campus initiative working groups:

- 1) Three-School Unity Working Group: Develop an environmental project, such as extending the boardwalk along Lake Wingra, that would involve participation from students, faculty, and staff from Edgewood College, Edgewood High School, and Edgewood Campus School, which share the land owned by the Sinsenawa Dominican Sisters.
- 2) Eco-Student Organization Working Group: Develop a plan for engaging students at all three schools in an ecological student group.
- 3) Eco-Curriculum Working Group: Design curriculum that addresses environmental activities, such as eco-design, eco-poetry, environmental awareness, and environmental actions.
- 4) Edgewood College Environmental Indicator Report Working Group: Develop an indicator report to measure and benchmark our performance in creating an environmentally-friendly living and learning community on our main campus and Deming Way property.

Green Campus Task Force members met with key administrators to determine specific environmental measures for each category. The results of our conversations are contained in the

charts that follow. We will begin collecting the data for each indicator during the Summer of 2006 and use that as a baseline for annual continuous improvement evaluations.

We are fortunate to work on a college campus that already honors the natural environment in its strategic plan and has a substantial number of faculty, staff, and students dedicated toward creating an environmentally friendly living and learning community. Much has already been accomplished and there still remains more to do.

Indicator #1: Hazardous Waste and Waste Minimization				
Overall Goal: Protect and support native ecosystem				
<u>Item</u>	<u>Info Source</u>	<u>Current Status</u>	<u>Goal</u>	<u>Improvement Strategies</u>
Net RCRA Waste Generated (lbs)	EH&S Director (Chris) recorded annually			
Pesticides (lbs)	Grounds (Tim) invoices			
Salt use (lbs)	Grounds (Tim) invoices			
Chemicals Used in Labs (lbs, liters)	Chem lab manager (Julie) invoices			

Indicator #2: Energy Use				
Overall Goal: Reduce use				
<u>Item</u>	<u>Info Source</u>	<u>Current Status</u>	<u>Goal</u>	<u>Improvement Strategies</u>
Non-Renewable Sources				
Coal (ton)	MGE (Cathy Berklund)			
Oil (gallons)	MGE (Cathy Berklund)			
Natural Gas (deca therms)	MGE (Cathy Berklund)			
Renewable Sources				
Wind (kwh)	MGE (Cathy Berklund)			
Solar (kwh)	MGE (Cathy Berklund)			
Total kwh Renewable Energy Used				
Chilled Water (Tons)	Business Office (Jane)			
Compact fluorescent (% of	Facilities (Kathy/Bob)			

lights on campus)				
Motion Sensors for lights (% of rooms)	Facilities (Kathy/Bob)			
Energy Star Computers (% of computers)	IT (Walter Wentz)			

Indicator #3: Solid Waste Materials and Recycling

Overall Goal: Reduce use and Recycle

<u>Item</u>	<u>Info Source</u>	<u>Current Status</u>	<u>Goal</u>	<u>Improvement Strategies</u>
Recycled Material (paper, glass, metal, plastic) (cubic yards)	EH&S Director (Chris/Waste Management)			
Solid Waste to Waste Disposal Facility (cubic yards)	EH&S Director (Chris)			
Percent Recycled (Recycled/Waste)				
Recycle Computers (%)	EH&S (Chris/Walter)			
Recycle Printer Cartridges (x?)	(Walter)			
Purchased office paper (Tons)	Mailroom coordinator (David Retan)			
Purchase Recycled Paper (%)	Mailroom coordinator (Dave)			

Indicator #4: Water Use

Overall Goal: Reduce use

<u>Item</u>	<u>Info Source</u>	<u>Current Status</u>	<u>Goal</u>	<u>Improvement Strategies</u>
Total Potable Water (1000s of Gallons)	Business Office (Jane Wilhelm)			
Irrigation Water (1000s of Gallons)	Business Office (Jane) DER meter			
Total Other Water (1000s of Gallons)				

Indicator #5: Other Items				
<u>Item</u>	<u>Info Source</u>	<u>Current Status</u>	<u>Goal</u>	<u>Strategies</u>
Fair Trade Coffee and Candy (%)	Bonnie/Jane			
Healthy Foods in Vending Machines (%)	Jane			
Locally Grown Foods (%)	Phil/Autumn Kumlein			
Purchases from Environmentally-Friendly Suppliers	?			
Recycle Construction Material (% of construction waste)	Facilities (Al)			