



PREVENTION *quarterly*



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Ohio's Wright-Patterson Air Force Base Wins "Closing the Circle" Award



Wright-Patterson Air Force Base's (WPAFB) Aeronautical Systems Center's 88th Air Base Wing Office of Environmental Management has again won the prestigious White House "Closing the Circle" award this year for its affirmative procurement program. The program encourages buyers at WPAFB to increase their acquisition of environmentally preferable products and services, especially products with recycled content. WPAFB was one of 26 winners selected from more than 200 nominations submitted from across the federal government this year.

In making the announcement, John Howard, the federal environmental executive, said, "This year's honorees have heeded President Bush's call for the federal government to lead by example, be a good neighbor, and be a good steward of our resources. These outstanding programs demonstrate our federal workforce is committed to improving its environmental performance and protecting our resources through such actions as establishing environmental management systems; increasing the purchase of green products and services; designing, constructing, and operating buildings using sustainable principles; and reducing the generation of wastes."

Wright-Patterson's affirmative procurement program has been in effect since November 2001, when it was initially chartered by the Base Environmental Protection Committee. The base's program is unique because of the size, diversity and complexity of organizations

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located there. The sheer number and diversity of processes performed at WPAFB make it a unique installation in terms of the types of items used as well as wastes generated. The base is comprised of hundreds of shops and laboratories, many of them directly and contractually engaged in experimental research and development and logistics support programs.

The affirmative procurement working group which manages the program includes representatives from a variety of base organizations and, since its inception, has overseen compliance with affirmative procurement program requirements outlined in the Resource Conservation and Recovery Act (RCRA) and Executive Order 13101. The group has increased awareness of the need to "think green" and provided guidance to WPAFB organizations to meet Department of Defense and Air Force goals for procurement of products with recycled content and products that are bio-based, energy and water efficient, and less toxic.

"Closing the Circle" Award continued on page 2



Printed on recycled and recyclable paper.

“Closing the Circle” Award continued from page 1

Among its many achievements, the group has ensured that copy and printing paper purchased by base units now contains 30 percent recycled-content. The group also researched and found local sources for bio-based picnic supplies, tire mulch, recycled latex paint, 2-cycle bio-based lubricating oil, recycled carpet, recycled lumber and compost facilities. They also helped Office Runway—operated by the Cincinnati Association for the Blind—inventory for recycled content items and place “shelf-talkers” with those items to make them more accessible to customers.

In addition, WPAFB is working with General Services Administration (GSA) on a method to track recycled-product purchases made with the government purchase card. WPAFB annually trains approximately 540 new government purchase cardholders and billing officials on affirmative procurement purchasing requirements. The office has also distributed 3,700 “Info Cards” to base personnel, listing on one side all paper products that can be recycled in the “under-the-desk-bins” and, on the other side, U.S. EPA’s 54 Comprehensive Procurement Guideline items. The cards are 5¼” x 5¼” in size and are printed on 80 pound 100 percent recycled paper. WPAFB has also distributed 22,000 “under-the-desk-bins” made from recycled plastic to base personnel for recycling over the years.

Other examples of how well the group’s information campaigns have worked: last year Security Forces purchased 5½ tons of recycled-tire rubber mulch for their obstacle course; and virgin engine oil was eliminated at the base motor pool, which now uses approximately 3,025 gallons of re-refined motor oil per year. In addition, since November 2001, two local automotive maintenance shops have been supplying re-refined motor oil for government vehicles they service from the base; in 2002 the motor pool equipped government vehicles with 48 re-tread tires; Civil Engineering now incorporates requirements to use recycled materials in their design and construction projects; and each year, 5,000 tons of coal ash generated by WPAFB’s two

coal heating plants are diverted from landfill disposal and used by a local cement plant as a raw material. Last summer, Civil Engineering and the U.S. Army Corps of Engineers saved some \$300,000 by using this cement in replacing an airfield ramp: the cement was mixed on-site in a concrete batch plant with more than 7,600 tons of coal fly ash supplied by a local power plant, with that fly ash replacing 35 percent of the cement in the concrete mixture.

Environmental Management won similar awards in 1998, for its radioactive waste recycling program, and in 2002 for recycling.

For more information, contact Raymond Baker of WPAFB at (937) 257-2184 or Raymond.Baker2@wpafb.af.mil.

Metal Products and Machinery Update



The Metal Products and Machinery (MP&M) regulation establishes national technology-based limits on pollutants in wastewater discharges from facilities that manufacture, rebuild or maintain metal parts,

products, or machines. On February 14, 2003, U.S. Environmental Protection Agency’s (EPA) Administrator signed a final rule to establish wastewater controls for the MP&M industrial category.

The MP&M regulation applies to about 2,400 facilities that generate oily wastewater. For more information, visit U.S. EPA’s Web site at

www.epa.gov/waterscience/guide/mpm/rule.html.



U.S. EPA produced an engineering methodology and technical conclusions guide (EPA-821-B-03-001) concerning the MP&M category. Sections 8 and 9 cover pollution prevention and wastewater treatment technologies options. The entire guide is available online at www.epa.gov/waterscience/guide/mpm/tddfinal.pdf.

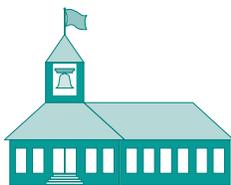
High Performance Schools and Sustainable Design Seminar

September 24, 2003

9:00 a.m. — 5:00 p.m.

Presented by Mike Nicklas, FAIA

The seminar will take place at TechSolve, located at 1111 Edison Place, Cincinnati, Ohio 45216



This 8-hour seminar will focus entirely on how to construct high performance, or green, schools. The presenter, Mike Nicklas, FAIA, is president of Innovative Design, located in Raleigh, N.C. Mr. Nicklas has over 10 years of experience designing green schools.

To register for the seminar, complete the on-line form, or call Susan Schumacher at (513) 946-7734. Registration is \$30.00 per attendee. Deadline for registration is September 8, 2003. Please mail check, made payable to Treasurer of Hamilton County, prior to the date of the seminar. Checks should be mailed to:

Hamilton County Solid Waste Management District
250 William Howard Taft
Cincinnati, OH 45219
Attn: Holly Christmann

Agenda

(The following times are subject to change depending on speaker availability.) Information available online at www.hcdoes.org/sw/sustain_seminar.html.

Registration	8:00 - 9:00 a.m.
Introductions	9:00 - 9:30 a.m.
Marketing High Performance Schools	9:30 - 10:30 a.m.
Keys to High Performance Schools <i>site design</i> <i>day lighting and windows</i>	10:45 - 12:00 p.m.
Lunch/Exhibit Hall	12:00 - 1:00 p.m.
Keys to High Performance Schools <i>energy efficient building shell</i> <i>renewable energy systems</i> <i>lighting and electrical systems</i> <i>mechanical and ventilation systems</i>	1:15 - 2:30 p.m.
Keys to High Performance Schools <i>green products</i> <i>water conservation</i> <i>recycling systems</i> <i>transportation systems</i>	2:45 - 4:00 p.m.
Case Studies / Lessons Learned	4:00 - 4:45 p.m.
Closing	4:45 - 5:00 p.m.

Solid Waste District Funds Its First EPP Project

(from Hamilton County's Environmentally Preferable Purchasing Newsletter, Spring 2003)

As part of Hamilton County's initiative to increase its purchase of environmentally preferable products, the Solid Waste Management District has set aside funds to encourage the purchase of these products.

The first agency to receive those funds is the River City Correctional Center. The district will provide River City with \$9,900 for the purchase and installation of recycled-content carpet for their facility. Several aspects of this project make it an excellent EPP project. First, the carpet backing is composed of 100 percent recycled materials

EPP Project continued from page 3

and the carpet, in general, is 30-50 percent recycled material. In addition, the current carpet will be removed and recycled, as opposed to landfilled. River City is purchasing Collins & Aikman carpet that will be installed by DuPont Flooring Systems.

The district worked closely with Wayne Adkins, business manager for the River City Correctional Center. According to Mr. Adkins, "...products that are environmentally preferable should definitely be given preference, but also require competitive pricing and exceptional service and follow up. Just because a product is environmentally preferable does not mean I don't require the same level of service, quality and affordability. Fortunately, in today's market, environmentally preferable products are very competitive."

The district looks forward to working with other county agencies in an effort to increase purchasing of environmentally preferable products. For more information on this program, please contact Jeffrey Aluotto at (513) 946-7719 or Holly Christmann at (513) 946-7705.

How You Can Make a Difference

You can make the publication of Prevention Quarterly more environmentally friendly. Interested? Good. E-mail the Office of Pollution Prevention at p2mail@epa.state.oh.us, and request that we send you an electronic copy, an Adobe Acrobat PDF file, or a message indicating the newest version is now available on our Web page with the appropriate Web address. It's that easy to make a difference.

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