

**ADAMS COUNTY:**

***GETTYSBURG COLLEGE FACILITIES SERVICE DEPARTMENT***

**Outstanding Achievement in Special Event Recycling**

**Outstanding Achievement in Reuse**

Gettysburg College, in conjunction with the United Way, held its annual Give It Up For Good Sale to reduce the amount of reusable goods that would otherwise be landfilled and to benefit the local community by raising money for the charity and providing low-cost goods. Collection boxes were placed in each residential building for students to deposit their reusable items. The filled boxes were then taken to the Bream Gymnasium where their contents were offered for public sale. Unsold bicycles were donated to Peddles for Progress, an organization that repairs bikes and donates them to non-profit organizations in Latin America, and all unsold books were donated to the Kids in West Africa Program, which is dedicated to helping build a library in the small village of Ho in Ghana, West Africa. Remaining unsold items were donated to various community based non-profit organizations. The Facilities Service Department also collects reusable campus furniture and donates it to low income families via the United Way of Adams County and its agencies or reuse them in the Department. In 2006, 25 agencies attended and took nearly 130 bulk furniture items.

**ARMSTRONG COUNTY:**

***ARMSTRONG RECYCLING CENTER,***

***PROGRESSIVE WORKSHOP OF ARMSTRONG COUNTY, INC.***

**Outstanding Recycling Achievement**

**Outstanding Achievement in Public Education**

**Outstanding Achievement in Special Collections**

In 1994, the Progressive Workshop, a private non-profit vocational rehabilitation agency, united with Armstrong County to provide a drop-off recycling center. On scheduled days throughout the month, Center personnel take trucks to the various locations to collect recyclable materials (clear/brown/green glass, #1 and #2 plastics, newspaper, office paper, bi-metal and aluminum cans, cardboard, and used motor oil). Initially there were 13 sites. In the past 2 years special recycling trailers have been placed at previous locations. A total of 13 trailers (10 on sites, 1 special event and 2 swap-out) trailers have been put into use. Not only do these methods reduce the use of area landfills, but it also provides training opportunities for mentally and physically challenged adults who are enrolled in the Progressive Workshop's programs. The Center also participates in a Household Hazardous Waste event in the County. In addition, two special "Hard to Recycle" days are held and non-typical items (batteries, white goods, scrap metal, tires, etc.) are collected. An average of 1,392 customers per month visit the various site locations. A calendar, sponsored by the County, involves students from area schools. A monthly "recycling-themed picture" is selected by the County Commissioners and is incorporated into a calendar which is distributed through the County. Winning students and their classes receive visits from Workshop and County personnel to award their prizes and discuss their recycling efforts. The Center also hosts visits by schools, scouts, etc., and is involved with YMCA Healthy Kids Day, BelMont Children's Fair, and the Environmental Learning Center open house. To further the recycling effort, a used oil furnace was installed to heat a portion of the Recycling Center. Collections of used oil provide fuel for this furnace as well as providing a site for disposal of oil from local residents. The facility makes a conscious effort to obtain and use products that

are made of out recycled materials. In addition, efforts at reducing the amount of pollution and landfill materials are made through incorporating products that reduce energy use whenever possible.

### **BLAIR COUNTY:**

#### ***NEW PIG CORPORATION, JOHN FUDALSKI, WITH CONCORD PLASTICS OF PA, JEFF FURMANCHIN***

##### **Outstanding Achievement in Commercial/Institutional Recycling Outstanding Achievement in Recycling Market Development**

New Pig Corporation teamed with Concord Plastics of PA. Concord Plastics provides the gaylords and New Pig fills them with stretch wrap, cardboard cores, and non-woven mats. Concord also collects New Pig's pallets and baled corrugated cardboard. Item totals for 2006 were 62.5 tons of corrugated cardboard, 75 tons of non-woven mats, and 5500 pallets of 4-way pallets. Safety Kleen also collects their recycled batteries, light bulbs, ballasts, waste liquids, etc. As a side note, in 2006 the cost of trash pickup from roll-offs and compactor went from \$40,000 to \$19,000 -- a savings of \$21,000! Additionally, New Pig received \$28,000 for its recycled commodities for a total savings/gain of \$49,000!

### **BUCKS COUNTY:**

#### ***BUSINESS & EDUCATION PARTNERSHIP: WASTE MANAGEMENT OF PENNSYLVANIA & NEWSPAPER IN EDUCATION (NIE) DEPARTMENTS OF THE BUCKS COUNTY COURIER TIMES & THE INTELLIGENCER NEWSPAPERS, & NESHAMINY MALL***

##### **Outstanding Achievement in Public Education**

The partnership promotes recycling education in schools, generates direct involvement of local businesses and the community, increases community commitment to recycling, and heightens student awareness of how they can make a difference in protecting the environment. The program that was developed emphasizes recycling education and waste reduction to a target audience of students, teachers, local businesses, and community members. Components of this 3-pronged program include an Earth Day Every Day Poster Contest for students in grades K through 12, a free teachers' workshop, and Community Earth Day Celebration at the Neshaminy Mall. In 2006, approximately 4,000 students participated in the poster contest. The 13 grand winners' artwork is featured in a 4-color calendar that includes recycling tips and the calendar is distributed, at no cost, throughout the community. To further promote the message of the importance of recycling and environmental protection, we request that the Bucks County Commissioners present a proclamation, "Celebrate the Earth and Environment," to the contest winners. In 2006, 50 educators attended the free recycling and environmental education workshop which featured programs that they can use in their classrooms. They also tour the Waste Management facilities in Bucks County including the Tullytown Landfill, Wheelabrator Falls' trash to energy facility, and Otter Recycling. Patti Vathis from the Pennsylvania Department of Education was a featured speaker. The Earth Day Celebration at Neshaminy Mall is a chance to share the recycling and environmental protection messages with the community. Interactive displays are presented by the Business and Education Partnership of Waste Management, the Newspaper in Education Departments of the Bucks County Courier Times and the Intelligencer newspapers, and Neshaminy Mall as well as local businesses, environmental

organizations, and nature centers. This business and education partnership program has proven to be a successful vehicle for spreading the word about the importance of recycling and environmental protection.

### **CAMBRIA COUNTY:**

#### ***CAMBRIA COUNTY SOLID WASTE AUTHORITY***

##### **Outstanding Recycling Achievement**

##### **Outstanding Achievement in Public Education**

##### **Outstanding Achievement in Special Collections**

The Authority is once again being recognized for its **recycling drop-off sites** that accounted for 1,967.37 tons of newspaper, magazines, aluminum and mixed-metal cans, clear glass, and #1 and #2 plastic bottles, jugs and jars; plus selected sites also collected white office paper and corrugated cardboard. **Special collection events** included a 2-day annual Book Recycling Event (13.12 tons), an on-going electronics collection (33.38 tons), and HHW collection (10.42 tons). They are also commended for their excellent **public education** programs that include presentations to over 15,000 students, 400 adults, a newsletter that reaches all of Cambria and Somerset counties, a website that provides up-to-date recycling information, and the guest appearance of their recycling mascot, Benjabin.

### **CARBON COUNTY:**

#### ***CARBON COUNTY DEPARTMENT OF SOLID WASTE***

##### ***Outstanding Achievement in Special Collections***

The Authority has sponsored an “Outdated Telephone Directory Recycling Program” since 1996. With the collaborative effort between the Authority, school districts, and local financial institutions (that provide \$50 savings bonds for the winners), collections have gone from 5,832 to 32,516 phone books: a 457% increase! In total, over 199,000 phone books have been collected. Local farmers also benefit since some of the phone books are given to them to be used for animal bedding.

### **CENTRE COUNTY:**

#### ***THE ART ALLIANCE OF CENTRAL PENNSYLVANIA,***

##### ***MARIE DOLL, Executive Director***

##### **Outstanding Recycling Achievement**

The Alliance is a non-profit organization that serves students, artists, and the art-loving public. In 2006, the Art Alliance presented its 12<sup>th</sup> Annual Art Show “Green & Greener: Inspiring Environmental and Artistic Goals.” Over 50 pieces of art were made from recycled and/or reused materials. The Alliance’s education program consists of a yearly Recycled Art show which hosts hundreds of visitors over the 2-day exhibit.

#### ***THE BOROUGH OF STATE COLLEGE, MARK WHITFIELD, DIRECTOR OF PUBLIC WORKS***

##### **Outstanding Composting Achievement**

Approximately 3,114 tons of leaves and grass clippings per year are collected from the Borough’s 3,500 households and taken to the Borough’s compost site for processing. The

Borough also provides weekly brush collection. Since the Public Works Director's trip to Germany to visit composting operations, they are researching a garden waste collection for the area.

### ***CCDA WATERS LLC***

#### **Outstanding Achievement in Commercial/Institutional Recycling**

This bottled water manufacturing facility was able to increase the amount of materials it sent to recyclers by 40%. This amount also includes the recycling of PET and HDPE containers and preforms, plastic bags, shrink wrap totaling 270 tons, 530.7 tons of corrugate, 602.7 tons of pallets, and 10 tons of scrap metal. In regards to buying recycled products or packaging and other environmentally-preferable products, recycled content paper is purchased for copiers and printers. Their corrugate supplier uses 80% recycled content packaging within their operation.

### ***CENTRE COUNTY SOLID WASTE AUTHORITY, JOANNE SHAFER***

#### **Outstanding Recycling Achievement, Outstanding Achievement in Public Education, Outstanding Achievement in Materials Processing**

Joanne Shafer is the Authority's Deputy Director and Recycling Coordinator. With her astute guidance, the Authority's total recycling revenue was \$2,165,900 by collecting and processing 11,427.18 tons of recycled materials. These included clear, green, blue and brown glass bottles and jars; aluminum, steel, and tin food/beverage cans; aluminum foil; plastic bags; newspaper, grocery bags & telephone books; corrugated cardboard; office paper, junk mail, magazines & catalogs; tires; and white goods. Educational opportunities include a quarterly newsletter that is distributed via the two local newspapers, facility tours, a website, an Interpretive Center (a green building) is used as a "hands-on" laboratory with displays, a landfill model, and a lending library.

### ***HARRIS TOWNSHIP, AMY FARKAS***

#### **Outstanding Achievement in Special Event Recycling**

Boalsburg, Harris Township, is the birthplace of Memorial Day. For the 2006 Boalsburg Memorial Day festival, Harris Township provided additional recycling possibilities for those attending. The Township collected over 100 pounds of recyclables which consisted mostly of plastics. This was exceptional due to the fact that this was the first year for this program and there was minimal publicity. Plans are already in place for next year's event which will include a recycling ad in the newsletter and contacting vendors to collect their cardboard.

### ***PENN STATE UNIVERSITY, NADINE DAVITT***

#### **Outstanding Composting Achievement**

Ms. Davitt is the Research Support Associate for OMPEC (Organic Materials Processing and Education Center) at the University Park Campus. With her capable assistance, the OMPEC program diverts over 1,250 tons of organic material from the landfill. These organic materials include food residuals, greenhouse debris, leaf and yard waste debris, pallets and clean wood, animal manure and cage waste, and food waste from several student dining halls. Resulting compost is used throughout the University's landscape. A future pilot program with the Centre County Solid Waste Authority and State College Borough will include collecting residential food waste for composting.

***PENN STATE UNIVERSITY OFFICE OF PHYSICAL PLANT WITH  
PENN STATE UNIVERSITY HOUSING AND  
CENTRE COUNTY UNITED WAY***

**Outstanding Achievement in Special Collections**

Since 2002, the Trash to Treasure program is held each spring at Penn State. Students who live on campus are invited to donate any unwanted items to a collection site. These items are then sorted and sold to the public at Beaver Stadium. Proceeds from the sale are donated to the Centre County's United Way, benefiting their 39 agencies. Approximately 500 volunteers work setting up the venue and 10,000 shoppers attend the event that's held on the Saturday before Memorial Day. In 2006, 66 tons of textiles, furniture, appliances, electronics, and food were sold. In regards to sustainability, advertising was printed on recycled content paper, signs are reused each year, and websites and radio and video advertising were also used. This program has also been shared with Notre Dame, University of West Virginia, and Penn State/Altoona.

***TROOP 45, MILESBERG, WITH RALPH STEWART & MARK WATSON***

**Outstanding Recycling Achievement**

Boy Scout Troop 45, Milesburg, is very involved in many environmental issues. In 2006, they participated in two roadside clean-up events where they helped to remove litter and debris from miles of Pennsylvania roadways. Mr. Stewart and Mr. Watson have also volunteered their scouts to help with the Centre County Solid Waste Authority's E-Cycle Event where they are on hand to help collect material brought into the facility. In 2006, the Troop collected a dump truck full of tires and recycled them. They also made sure all steel and recyclables collected during clean-up activities were recycled. The scouts are very enthusiastic and are proud to be involved in such an environmentally-friendly activity.

**CHESTER COUNTY:**

***CHESTER COUNTY SOLID WASTE AUTHORITY***

**Outstanding Recycling Achievement**

**Outstanding Composting Achievement**

**Outstanding Achievement in Public Education**

**Outstanding Achievement in Special Collections**

The Chester County Solid Waste Authority has a recycling drop-off center that accepts aluminum cans, cardboard, cell phones, dry cell batteries, fluorescent bulbs, glass bottles and jars, metal food and beverage cans, mixed paper, newspapers, plastic #1 and #2 bottles, agricultural #4 film and Supersacks, used oil, and used oil filters. Tonnage amounted to 63.24 tons of cardboard, 60.54 tons of cans and glass, 32.34 tons of newspaper, 33.27 tons of plastic, 59.27 tons of mixed paper, 1.3 tons of used oil, and 3,200 tons of yard waste. In regards to fluorescent bulbs and lamps, 1,641 were collected and 710 batteries were also accepted. Their educational programs on recycling, environmental shopping, alternative cleaning products, composting, vermicomposting, and environmental car care are also to be commended. Also of special interest is their cooperative effort with the Chester County Chamber of Business & Industry by being the administrators of the Chamber's Recycling Subcommittee and Green Business Award program. They are also to be congratulated for training over 800 Certified Master Composters. They purchase all paper with recycled content and all promotional items purchases are made from recycled material whenever possible.

## **CLINTON COUNTY:**

### ***CLINTON COUNTY SOLID WASTE AUTHORITY***

**Outstanding Recycling Achievement**

**Outstanding Achievement in Public Education**

**Outstanding Achievement in Special Collections**

**Outstanding Achievement in Materials Processing**

The Authority's multi-municipal recycling program collects aluminum and steel cans, newsprint, magazines, mixed paper, corrugated cardboard, plastic bottles, clear/brown/green glass bottles and jars, lead acid batteries, used motor oil, white goods, wood material, and electronics. The authority provides bi-weekly curbside collection service to 13 municipalities and has more than 20 recycling drop-off sites through the County and also collects lead acid batteries, used motor oil, white goods, electronics, and wood material that totaled over 1300 tons. Educational efforts include exhibits at community events, website accessibility, presentations to various civic organizations, perform waste audits, and the distribution of a newsletter, bulk mailing flyers, and recycling fact sheets. They also sponsor special HHW and tire collections. The Authority stresses their internal "Buy Recycled" policy which directs staff to purchase recycled paper, etc., during recycling outreach activities.

## **COLUMBIA COUNTY:**

### ***TOWN OF BLOOMSBURG, CHARLES FRITZ***

**Outstanding Recycling Achievement**

**Outstanding Achievement in Public Education**

**Outstanding Achievement in Materials Processing**

Bloomsburg is a mandated community and in 2006, its Recycling Center processed over 805 tons of materials from outside the Town limits. Some educational outreach efforts included: a "How to Recycle" article in the local newspaper's "How to Guide" that was intended for residents to keep as a reference, other featured newspaper articles, a curbside recycling calendar (that also contains compost site information) that details when collections are made throughout the year, a newsletter, brochures, and website. Tours are also provided. Total amounts of collected recyclables included: 166.95 tons of clear glass, 210.15 tons of brown glass, 104.30 tons of green glass, 86.72 tons of steel/bimetal cans, 11.36 tons of aluminum cans, 1,648.51 tons of cardboard, 664.71 tons of newspaper, 154.61 tons of office paper, 9.39 tons of phone books, 16.59 tons of hardcover books, 8.32 tons of paperback books, 119.87 tons of #1 and #2 plastics, 252.96 tons of magazines, and 30.34 tons of electronics. In 2006 we worked with Bloomsburg University to improve the recycling program there. It should be specially noted that the Town of Bloomsburg officially passed a Buy Recycled policy in May 1993. All paper products purchased at the recycling center are made of recycled paper and the envelopes are made of 100% recycled paper. All of our brochures promote closing the loop with a buy recycled message.

## **DAUPHIN COUNTY:**

### ***Dauphin County Department of Solid Waste Management & Recycling***

**Outstanding Recycling Achievement**

Dauphin County is proud of its employee recycling program, community oriented voluntary recycling drop-off program and other various collections that are conducted on a regular basis.

The employee program expanded from only collecting corrugated cardboard and mixed office paper to include aluminum and bi-metal cans, #1 and #2 plastic containers, newspaper, telephone books, magazines, catalogs, printer cartridges, cell phones and electronics. The Department also services and maintains nine voluntary recycling drop-off sites and collects newspaper, magazines, catalogs, telephone books, aluminum containers, bi-metal containers, #1 and #2 plastic containers, mixed glass and corrugated cardboard. The drop-off recycling program generally services a population of approximately 200,000. A drop-off recycling collection bin for newspaper and magazines has been placed at the Harrisburg International Airport, also. The County sponsors a "Recycling Day" for residents and small businesses that offer free recycling of electronics. The County still offers a one time per year free HHW curbside collection.

### ***MIDDLETOWN REMANUFACTURING CENTER, STEPHEN WEAVER***

#### **Outstanding Achievement in Commercial/Institutional Recycling**

The Center's recycling program includes cardboard, office paper, #1 - #2 - #4 - #5 - #6 plastics, non-ferrous and ferrous scrap metals. The Recycling Markets Center has proven to be a very effective instrument in helping the Center meet its recycling goals. The program only matured when it was understood that source reduction with higher recycled content material best serves to close the recycling loop.

### **DELAWARE COUNTY:**

#### ***DELAWARE COUNTY SOLID WASTE AUTHORITY (DCSWA)***

#### ***& THE COUNTY OF DELAWARE***

#### **Outstanding Achievement in Special Collections**

#### **Outstanding Achievement in Reuse**

The Authority held a pilot program to collect outdated cell phones and it has since become an ongoing program. Some were refurbished and used in the County's Domestic Abuse Program and others were mailed to a national center while others were sent to be recycled. Collection bins were placed in the Government Center, at the Authority's Office, all of the County's 33 libraries, and their five municipal buildings. In 2006, 1,501 cell phones were brought to the Authority's office. A few of these were kept in the office to be used for their local Domestic Abuse Program while the remaining phones were sent to a company who refurbished and reused the newer phones. Outdated phones were dismantled with all components being recycled. In regards to the buy-recycled policy, all paper used at the Delaware County Solid Waste Authority is made with recycled content. All brochures and literature purchased on the Authority's behalf requires that it be printed on recycled paper. Additionally, preference is given to items made with recycled content material when ordering office supplies.

### **DELAWARE, BUCKS, MONTGOMERY, & CHESTER COUNTIES & THE CITY OF PHILADELPHIA:**

#### ***PA SOUTHEASTERN REGIONAL HOUSEHOLD HAZARDOUS WASTE PROGRAM***

#### **Outstanding Achievement in Special Collections**

The PA Southeastern Regional HHW Coordinators created this Intergovernmental Agreement program to better enable the residents of the five counties involved the ability to participate in

each county's HHW collection. In 2006, 24 collection events were held in separate locations within these 5 counties in which 981 tons were collected with 22,656 participants. Also in 2006, 360 tons of computer equipment were collected and 37 tons of lead acid batteries were recycled with local vendors. The educational outreach program included brochures and leaflets printed on recycled paper, individual county's websites that also linked to the other counties' websites, press releases, and a presentation by the HHW vendor at Delaware's Countywide Emergency Management First Responder's Meeting. Besides giving information packets to participants, Certificates of Participation were given to students who brought their parents to an event. In addition, traffic cones, shirts, and vests for survey takers were made with recycled content material.

### **ERIE COUNTY:**

#### ***ERIE TIMES - NEWS IN EDUCATION, ANNA McCARTNEY, WITH WASTE MANAGEMENT - ERIE, CARM CAMILLO***

##### **Outstanding Achievement in Public Education**

A weekly Tuesday page in the Erie Times-News continues to educate area students and readers about environmental issues and encourages them to become involved in various efforts to save the planet such as the International Coastal Cleanup, Earth Savers, Presque Isle Bay - Area of Recovery Special Supplement. Approximately 140,000 individuals are exposed to this Tuesday page.

### **HUNTINGDON COUNTY:**

#### ***PA CLEANWAYS OF HUNTINGDON COUNTY, BOB WHITTAKER***

##### **Outstanding Recycling Achievement**

##### **Outstanding Achievement in Public Education**

PA CleanWays of Huntingdon County performs illegal roadside dump sites and waterways and educates other on ways to keep sites clean, pollution causes and solutions, and water quality issues. In 2006, from material collected at roadside cleanups, over 8 tons of scrap metal and over 13 tons of tires were recycled. Informational displays, brochures, newspaper articles, and a display at the County Fair help tell our story. This year we hosted a Meth Lab Awareness Training for that was attended by representatives from DEP, DCNR, ACOE, PGC, PAFBC, and the general public.

### **INDIANA COUNTY:**

#### ***INDIANA COUNTY SOLID WASTE AUTHORITY***

##### **Outstanding Achievement in Special Collections**

##### **Outstanding Achievement in Materials Processing**

A 1-day special collection for consumer electronics was held in 2006 along with 4 1-day appliance, tire, and battery collections. A Christmas tree drop-off collection was also held. The trees are ground and the resultant wood chips are used for trail maintenance and other landscaping purposes through the County's parks and trails. These collections brought in 96.35 tons of white goods, 17.58 tons of scrap tires, 3.07 tons of lead acid batteries, 9.86 tons of consumer electronics, and 58.61 tons of Christmas trees. Future plans include changing the appliance, tire and battery collections from 4 1-day events to an ongoing daily collection program

(April 2007), as well as the electronics collection from a 1 day event to an ongoing daily collection (sometime in 2007).

**JEFFERSON COUNTY:**

***HICKORY GROVE ELEMENTARY SCHOOL:***

***PRINCIPAL RAY PULLER,***

***TEACHERS ANN FRITZ, JOHN MacBETH, JASON BRINKLEY***

**Outstanding Composting Achievement**

**Outstanding Achievement in Public Education**

**Outstanding Achievement in School Recycling**

The Hickory Grove Elementary School Worm Composting Project that involves students in grades 3 through 6. After checking the bins for any problems, the food waste collected from the students' lunches, cafeteria prep, and the teacher's prep room is weighed and charted then distributed into 5 worm bins. The 6<sup>th</sup> grade students harvest the castings and bag them. The compost is used on the school's grounds to enhance the landscape and is also available in the school office and at various school functions for a suggested donation. In 2006, 718 pounds of food waste was fed to the worms. Additionally, 380 pounds of newspapers were shredded and used as worm bedding. Though the School is in a non-mandated area, they also recycled 13 tons of paper, cardboard, aluminum cans, newspapers, and magazines. Much of the success of the program can be attributed to Principal Puller and Lead Teachers Fritz, MacBeth and Brinkley who accepted the challenge to take on recycling at the school and see it succeed. It has had a positive effect on the students, parents, and staff.

**LACKAWANNA COUNTY:**

***Cinram Manufacturing LLC***

**Outstanding Achievement in Commercial/Institutional Recycling**

Cinram Manufacturing LLC is engaged in the manufacture and distribution of music, movies, and other information products. When this company still manufactured records, the excess vinyl was reclaimed and reused in the manufacturing process. In 2006, Cinram purchased and installed a corrugated baler with the loads sent directly to recycling vendors. Cinram is certified in ISO (International Organization for Standardization) 19001:2000 and the company's recycling procedures are an ISO document. In 2006, Cinram recycled 6,631 tons of various corrugated, metals, plastics, wood pallets and office paper. This was a 25% increase over the 2005 figures. Cinram's operating expenses were reduced by almost \$2.5 million due to the company's recycling efforts. The "Buy Recycled" policy includes Tyvek coats made with recycled content, recycled content trays used in the CD Packaging Department, and all corrugated is made with recycled content material.

**LANCASTER COUNTY:**

***LANCASTER COUNTY SOLID WASTE MANAGEMENT AUTHORITY***

**Outstanding Achievement in Special Event Recycling**

LCSWMA chose the seven local county agricultural fairs as a pilot group to begin the Community Events Recycling program. A workshop was held for fair representatives to discuss the containers and collection methods. Materials collected at the fairs mainly consisted of aluminum cans and #1 plastic bottles. A follow up workshop was held after the fair to obtain feedback. It

was reported that the recycling programs were a success and there is continued interest in expanding next year's events. The *ClearStream* containers that were used to collect recyclables are made of recycled materials: their stands were made of steel and the lids were made of 50% post consumer content plastic.

## ***TOWNSHIP OF MANHEIM***

### **Outstanding Composting Achievement**

In 2006, approximately 7,799 tons of yard waste and 1,746 tons of leaf material were collected at the Manheim Township Compost Facility. Facility information is included in the monthly township newsletter as are notifications of upcoming events held at the site, such as Master Gardener programs and leaf collection schedules. Promoting, encouraging and supplying the biodegradable paper bags that residents use for leaf collection has been a major plus in our success. Residents appreciate the free bags and often will empty them at the site then reuse them repeatedly.

## **LAWRENCE COUNTY:**

### ***LAWRENCE COUNTY RECYCLING/SOLID WASTE DEPARTMENT, WITH TRI-COUNTY INDUSTRIES***

#### **Outstanding Recycling Achievement**

Known as the Big Blue Bin (BBB), the Lawrence County drop-off program maintains 16 sites that service 21 non-mandated communities. Materials collected in the BBB program, as tracked by Tri-County Industries, the county's recycling collection, processing and marketing contractor, include aluminum, steel and bimetal cans, #1 and #2 plastic bottles, green/amber/clear glass food and beverage containers, newspaper, magazines, and cardboard. In 2006, 1,101.56 tons of corrugated cardboard, newsprint, and magazines; and 390.19 tons of commingled materials were collected in the BBB program. Educational outreach programs, besides the website and recycling newsletter, included the Lawrence County Fair, Earth Day Celebrations, annual County Elementary Reading Fair, and local area Community Days. Their "buy recycled" policy includes post-consumer recycled content paper and promotional items like the magnet-clamps that were made out of recycled polystyrene. They also work with local manufacturers for bins and signs, and use local vendors to purchase trucks and a pressure-washing trailer to invest the grant money locally, in local products, as recommended in sustainable practices.

## **LAWRENCE & BUTLER COUNTIES:**

### ***PA CLEANWAYS OF BUTLER-LAWRENCE COUNTIES***

#### **Outstanding Achievement in Special Collections**

PA CleanWays of Butler-Lawrence Counties and its special collection programs are part of the Lawrence County Municipal Waste Management Plan. In 2006, 307 tires, 4.65 tons of electronics, 62 freon-containing appliances, and 20 non-freon appliances were dropped-off during this collection. Educational outreach materials included fliers which were distributed through municipal tax bills, the Lawrence County Chamber of Commerce, Lawrence County Tourist Promotion Agency, Lawrence County Recycling/Solid Waste Department, the PA CleanWays website, Lawrence County Fair, Ellwood City Earth Day Celebration, Harrisville Community Day, and Evans City Earth Day Festival, community group presentations, and other partner organizations and agencies. The clean-ups have been so successful that tires, for

instance, are not the problem they once were. In 2006, for example, PA CleanWays only had to make arrangements for 20 tires from 3 clean-ups. User survey feedback includes praise for the program and requests for additional events. As examples of sustainability, educational materials are printed on recycled paper using equipment that is Energy Star compliant, and includes a "Reduce, Reuse, Recycle" section in its newsletter.

## **LEBANON COUNTY:**

### ***CITY OF LEBANON***

#### **Outstanding Recycling Achievement**

The City of Lebanon's drop-off center has continually grown since it began in the early 1990s. During the 2006 year, 743.49 tons were collected that included tin and aluminum cans, glass, newspaper, office paper, cardboard, magazines, plastics #1 and #2. Recycling programs are given at public events like Unity Day, the street fair, YMCA Healthy Kids Day, and America Recycles Day. Other recycling education occurs via the website, articles in the city newspaper, and cable TV.

### ***PALMYRA AREA SCHOOL DISTRICT***

#### **Outstanding Achievement in School Recycling**

Over 15 tons of scrap steel, over 8 tons of office paper, over 8 ¾ tons of cardboard, 1/10 ton of aluminum cans, over 2 ¾ tons of newspapers, over 1 ton of magazines (by the Lifeskills class through the Ronald McDonald Foundation), over 1 ½ tons of copper, and approximately 45 gallons of drained oil were collected in 2006. We also take newspaper to a local farm to use as bedding then fertilizer, take our drained vehicle oil to a local business that uses it to heat his building, tear the covers off discarded textbooks to recycle the insides, work with contractors to get ceiling tile recycled, also encourage them to recycle metal rather than commingle it with trash in roll-offs, work with our furniture vendor to recycle most of the old classroom furniture and have our Lifeskills class gather and transport magazines and catalogs to the recycling center. This is an effort that has been accepted by students, teachers, custodians, and office staff; furthermore, copy paper, toilet tissue, and paper towels have recycled content in them.

## **LEHIGH/NORTHAMPTON COUNTIES:**

### ***BETHLEHEM RECYCLING BUREAU OF THE CITY OF BETHLEHEM***

#### **Outstanding Recycling Achievement**

#### **Outstanding Composting Achievement**

#### **Outstanding Achievement in Public Education**

#### **Outstanding Achievement in Commercial/Institutional Recycling**

#### **Outstanding Achievement in Special Event Recycling**

#### **Outstanding Achievement in Materials Processing**

Their drop-off center accepts glass, cans, plastics #1 to #7, newspapers, books, magazines, cardboard, flatboard, mixed office paper, telephone books, scrap metal, and textiles. The Center also offers free shredding services for both residents and businesses. In 2006, 5,078 tons of material were collected. Their Compost Center accepts leaves, yard waste, brush, and Christmas trees which are made into leaf compost and wood mulch that are then offered back to the public free of charge. Presentations, waste assessments, TV and radio advertising, brochures, a newsletter, and website comprise their educational outreach program.

Commercially, the Bethlehem Recycling Bureau provides containers for all office desks and copiers for establishments but more importantly are now part of the approval process of all building plans in the City. Commercial enterprises recycled 9,126.2 tons of materials that included newspaper, high grade office paper, cardboard, magazines, mixed office paper, cans, glass, and plastics. Additional materials recycled were 1,255.5 tons of antifreeze, motor oil, metals, etc. The Bureau also co-hosted three Electronics Collection events during 2006 and collected 56.9 tons of electronics. They also buy recycled content paper, desk calendars, desk blotters, envelopes, hand towels, and tissues.

**MONROE COUNTY:**

***COOLBAUGH TOWNSHIP LEAF AND YARD WASTE COMPOST FACILITY,  
JAMES FRUTCHEY***

**Outstanding Composting Achievement**

Coolbaugh Township's Compost Facility serves not only its own municipality but also the Mount Pocono Borough and Tobyhanna and Tunkhannock Townships by offering grinding services for yard waste and tree trimmings for their residents. The facility diverts 32,520 cubic yards of mulch and 5,280 cubic yards of yard waste.

**MONTGOMERY COUNTY:**

***UPPER MERION TOWNSHIP'S GOVERNMENT ACCESS TELEVISION  
(UMGA-TV)***

**Outstanding Achievement in Public Education**

Township residents are required to recycle aluminum, steel and bi-metal cans, clear/green/amber glass, #1 and #2 plastics, newsprint, high-grade and corrugated paper through their choice of hauler. Paper (including junk mail but excluding cardboard) can also be recycled at the Abitibi bin at the Township Building and every public and private school in the district. Leaf and yard waste is picked-up by regularly scheduled curbside collections. A full-time enforcement officer dramatically increased recycling in the business sector. Besides township-sponsored summer camps, community events (America Recycles Day, Earth Day, Arbor Day, Community Fair, etc.) and news releases, the most effective tool in delivering this important message is our award-winning government access television station, UMGA-TV where special events are broadcast to more than 12,000 households and the recycling message is an integral part of our popular, monthly magazine program. Data from two resident surveys clearly indicate that 96% of our residents who are aware of our recycling requirements and programs are recycling. Our recycling message is consistent: "Waste Not: Upper Merion Recycles." With ongoing television programming, we believe we can continue to increase recycling performance in the residential sector. In addition, the township uses only recycled paper and utilizes products manufactured with recycled materials, including benches, playground equipment, and surfaces.

## **NORTHAMPTON COUNTY:**

### ***JUST BORN, INC. and THE GREEN TEAM***

#### **Outstanding Achievement in Public Education**

#### **Outstanding Achievement in Commercial/Institutional Recycling**

#### **Outstanding Achievement in Reuse**

*Just Born, Inc.*, is the candy company responsible for Mike & Ike candies, Hot Tamales candies, and those marshmallow peeps that happen to hop into Easter baskets, just to name a few. *Just Born* also has a great green recycling team whose team leader is Thom Glass, with assistance from co-leader, Angie Gutekunst, and Advisor, Joe Schwartz. Committees include Education & Events, Energy Conservation, Preserve Our Environment, and Waste Reduction. Some of the activities that the Education & Events committee was responsible for were: celebrated America Recycles Day with a contest; held a Winter Wear Drive which collected coats, boots, blankets, sweaters, etc.; participated in the City of Bethlehem's Annual Earth Day celebration for grade school students; hosted a viewing of "An Inconvenient Truth" on Earth Day; and participated in the annual native plant sale at the Wildlands Conservancy. The Energy Conservation team was being revitalized and restructured in 2006 but the Waste Reduction team was busy with recycling starch and sugar bags and installing a new bailer. The Preserve Our Environment team recycled or reused 76% of the facility's waste and found additional vendors to recycle items that had not been recycled in the past. Some of the items recycled were glass, mixed paper, magazines, newsprint, sweetwater, corrugated cardboard, stretch wrap, aluminum, batteries, pallets, aerosol cans, cell phones, eye glasses, and tin. Their future goals include more Earth Day and America Recycles Day celebrations, investigating the potential of composting food waste from the cafeteria, creating framework energy conservation programs for the Just born facility and for the associates' homes, waste reduction of sugar scrap, candy scrap and usable pallets being sent out of the facility by 15% each, reducing remaining waste going to the landfill by 10% and creating even better recycling possibilities by personal efforts and material purchasing.

## **PHILADELPHIA COUNTY:**

### ***PHILADELPHIA RECYCLING OFFICE, JOAN HICKEN***

#### **Outstanding Achievement in Public Education**

Single stream recycling was instituted to 123,000 households in Northeast Philadelphia and an educational effort was put into place to inform those households about the new way to recycle. (The previous Philadelphia residential recycling effort had been in place for almost 20 years.) The goal of the outreach education program was to increase recycling tonnage in Northeast Philadelphia by as much as 25%. Tactics would ensure 1) the message was very easy to understand and 2) every resident in that area would be reached. Message delivery occurred via direct, one-on-one communications. A combination of direct mail, community outreach, street team efforts, print advertising, public relations and interactive methods were used to communicate the new program to residents and engage them to participate. The message was based on the simplicity of using the single stream collection method: no fuss, no muss. With single stream, "Everything Goes." The success of the program in the Northeast section warranted an expansion of this collection into an additional 93,000 households in West and Southwest Philadelphia in March of 2007. Hopefully, it will extend throughout the entire city within three years.

## **TEMPLE UNIVERISTY, H. MARSHALL BUDIN**

### **Outstanding Recycling Achievement**

#### **Outstanding Achievement in Commercial/Institutional Recycling**

The 2006 totals of recycled material collected at Temple University included 1,023.5 tons of mixed paper, 416 tons of cardboard, 39 tons of used beverage and food containers, 377 tons of food waste, 20.5 tons of pallets, 48.5 tons of tree limbs and brush, 4.5 tons of leaves, scrap metal, 10.88 tons of batteries and fluorescent light tubes, plus computers and toner and ink jet cartridges. Post-consumer food waste is collected from the cafeteria by a pig farmer for conversion into animal feed. In 2006 over 200 tons of food waste was diverted from the cafeteria waste stream for beneficial reuse representing an estimated cost avoidance of \$10,000 net contract service charge. Temple has a responsibility to the students and the community to be good stewards of both environmental and fiscal resources. The recycling program is an applied example of this expressed belief. The University is making progress to reduce paper consumption by converting paper intensive functions such as purchasing, account payment, and facilities work requests to electronic systems. Computer Services has modernized printers with double-side printing capabilities in combination with an annual paper quota. Addition of a pricing mechanism is decreasing paper consumption by students. Now that students have to pay for paper beyond the allotted quota, they are printing more judiciously. As disposal costs increase, the recycling cost avoidance spread is widening. Currently it costs about \$150 per ton to dispose of waste. It only costs about \$30 per ton to recycle. The cost advantage is driving investment in the recycling program to add new collection capacity. Furthermore, in an effort to reach out to students, the Recycling Office developed a fact sheet that frames the recycling message in the context of global climate change.

## **SUSQUEHANNA COUNTY:**

### ***FOREST CITY BOROUGH***

#### **Outstanding Recycling Achievement**

#### **Outstanding Achievement in Public Education**

#### **Outstanding Achievement in Materials Processing**

The Borough is a non-mandated municipality that has begun a drop-off recycling program, a pay-as-you-throw curbside program, and later built a recycling center building. It now offers curbside recycling for tin and aluminum cans, clear/brown/green glass, #1 through #7 plastic bottles, newspapers, magazines, chipboard, and cardboard. The Borough also maintains a recycling drop-off site every Saturday for citizens who live in surrounding areas and those not served by the curbside pickup. The Borough also uses recycled content office paper whenever possible.

## **WESTMORELAND COUNTY:**

### ***WESTMORELAND CLEANWAYS***

#### **Outstanding Achievement in Public Education**

#### **Outstanding Achievement in Special Collections**

During the 2006 Westmoreland Cleanways Household Hazardous Waste collection, 21.848 tons of HHW were collected: 3.3 tons of latex paint, 8 tons of oil based paint, 4.5 tons of paint products, .59 ton of corrosives/caustics, 1.92 tons of pesticides/poisons, 1.03 tons of used oil, 1.45 tons of flammable liquids, .55 ton of antifreeze, 18 pounds of lead acid batteries, 20 pounds of NiCad batteries, 95 pounds of asbestos and .33 ton of other materials. Every municipality is

offered the opportunity to participate and promote the program and encourage residents to be environmentally responsible. All printed promotional materials are reproduced on recycled paper and envelopes.

**YORK COUNTY:**

***CATERPILLAR LOGISTICS SERVICES INC.***

**Outstanding Achievement in Commercial/Institutional Recycling**

**Outstanding Achievement in Reuse**

The York Distribution Center, one of several worldwide centers managed by Caterpillar Logistics, established an Environmental Enhancement Committee that oversees their recycling efforts and makes recommendations regarding reuse of packaging and shipping materials. Through their efforts they were able to recycle 164.02 tons of corrugated cardboard, 5.30 tons of clear plastic & stretch wrap, 5.52 tons of office paper and cardstock, 130.20 tons of steel banding and miscellaneous steel, .95 tons of light iron, .80 tons of old cast aluminum, .76 tons of aluminum cans, 1.14 tons of ivory aluminum, and 192.28 tons of scrap wood.