I hope your Earth Day celebration was as productive as ours here in Montgomery County where the Waste System Authority staff partnered with area high school students from the SAVE (Students Against Violating the Earth) organization to sponsor a primarily electronics waste collection event at the Indian Valley Middle School. These enterprising students also collected batteries, clothes, scrap metal and furniture.

More than a quarter of our Keystone Chapter attended the Winter Mini-Technical Conference in Harrisburg on February 14 where attendees received a summary of environmental legislative action in the 2011-12 Pennsylvania General Assembly and a legislative forecast from Harrisburg insider and former PADEP Secretary Dave Hess. Ted Michaels, President of the Energy Recovery Council (the pre-eminent energy-from-waste industry trade group), alerted attendees to expected developments on the Federal level in the areas of Maximum Achievable Control Technology for municipal waste combustors, carbon emissions reductions and renewable energy standards. The Mini-Tech Conference was capped off by presentations from a stellar PADEP panel led by Steve Socash, Chief, Division of Municipal and Residual Waste.

On April 4th, 26 Chapter members gathered in Wilmington, Delaware, for yet another Mini-Technical Seminar at the Wilmington Organic Recycling Center operated by the Peninsula Compost Group. More information on this fascinating tour and presentation can be found in this issue in former Chapter President Don Birnesser’s article covering the day’s events. Future Mini-Tech topics identified by the Program/Training Committee include: household hazardous waste event observation, disaster debris management, refuse derived fuel/spec fuel, landfill gas, zero waste...
The annual Truck and Landfill Road-E-O for the New Jersey, Pennsylvania, and Mid-Atlantic Chapters of SWANA will be held Friday, June 7. Like last year, it will once again be hosted by the Mid-Atlantic Chapter and the actual event will be hosted by the Maryland Environmental Service (MES) at its Mid-Shore II Solid Waste Facility in Ridgely on the Eastern Shore of Maryland.

There are all sorts of possibilities for sponsorships from the very minimal to the more expensive. Opportunities are “negotiable”; exposure of sponsors are also “negotiable,” which may include sponsors’ names on items, on signs posted at the event, thanks in our chapter newsletters, acknowledgement in the event program, display at the event, et. al.

Sponsorship opportunities include the following, not in any order:
- Dinner for participants on Thursday night (partial or full)
- Coffee and/or donuts and/or juice on Friday morning at the event
- Lunch on Friday (partial or full)
- Drinks (e.g., water) during the event
- Road-E-O awards
- Tote bags
- Miscellaneous tote bag stuffers
- Safety tee shirts [partial or full, with event name and sponsor(s) names]
- Caps
- Spot-a-pot rental for Friday
- Door prizes
- Event banner
- Ads in the program (e.g., business card; ¼, ½, full page)

Registration information will be disseminated separately and is posted on the chapters’ websites. Go to www.keystoneswana.org

For more information, contact one of the following, or if e-mailing, copy the other:

Lead co-chair (especially equipment loaning and volunteers for judging)
Chuck Ingram
Deputy Division Chief, MES
cingr@menv.com
410-729-8648 (O), 443-685-5378 ©

Other co-chair (especially sponsorships)
Steve Lippy
s.lippy@verizon.net
410-296-9150

Testing their skills at the Road-E-O
Advanced Disposal (AD) installed a major upgrade of the leachate management system at the Lancaster Landfill, located in Milton Grove, PA. As part of a capacity expansion of the construction and demolition (C&D) waste landfill, AD purchased two new 500,000-gallon leachate storage tanks for the establishment of a new tank farm. The new system was designed by ARM Group Inc. (ARM) and ARM Ener-Tech Associates, LLC (AETA).

AD installed a new dual-contained forcemain to connect the existing tank farm to the new tank farm, while making provisions in the design for the incremental build-out of the landfill expansion and accommodating a stream crossing. As part of the design, ARM developed a phased leachate management process flow diagram that depicted how the system could evolve and be modified throughout the design life of the facility.

Once the configuration of the new leachate conveyance infrastructure had been established, AETA provided a complete electrical and automation engineering package for the new tank farm installation. The goal of the design was to optimize the performance of the system while minimizing the amount of operational effort and cost. To complete this goal, control systems were incorporated into the design of the pump system to make the interaction between the pump system and personnel more user-friendly and to simplify and facilitate the transfer of pump system data. The control system also used a human-machine interface (HMI) for visual representation of system status and to display the feedback from any transmitters that may be used. The HMI replaced hardwired pushbuttons and selector switches to enable personnel to make modifications to the system control with the touch of a button on the HMI. Furthermore, the HMI was designed to allow authorized users to remotely access and remotely control the pump system from inside or outside the facility. In addition to providing automated control of all of the pumps and blowers at the new tank farm, this system allowed the new tank farm to communicate with the existing tank farm, which was essential for the build-out of the landfill expansion.

Along with the design of the automated system, AETA fabricated the custom panels for controlling the mechanical equipment at the new tank farm. Review and coordination of existing control panels was provided ensuring a fully-integrated final system. Development and testing of the automation system...
Waste Management Unveils Compressed Natural Gas Fleet

Pennsylvania Gov. Tom Corbett helped Waste Management cut the ribbon on its new compressed natural gas (CNG) collection fleet and public fueling station at the company’s Delaware Valley – North facility in Bristol Twp., Bucks County, during a ceremony on April 19.

“With Earth Day coming up and protecting and improving our environment on everyone’s mind, it’s the perfect time to dedicate this project,” said Tara Hemmer, president of Waste Management’s Greater Mid-Atlantic Area. “Every time we replace one of our diesel trucks with a natural gas truck, we save 8,000 gallons of diesel a year and reduce the production of a significant amount of air pollutants.”

Ms. Hemmer thanked Gov. Corbett and the Pennsylvania Department of Environmental Protection for a $400,000 grant that supported Waste Management’s more than $13 million investment in the project. The project installed the public fueling station, built the fueling facility that will be used by the company’s trucks, modified the company’s garages to accommodate servicing CNG trucks, and purchased the CNG trucks now operating from the station.

“Pennsylvania’s natural gas development is changing the way we live, work and save,” Gov. Corbett said during the program. “Already, carbon emissions are down by nearly 10 percent, home heating prices have plummeted, and employment and innovation are on the rise.” Gov. Corbett said that development of CNG infrastructure, like the Bristol Twp. fueling station, is a win-win for the state because it improves air quality while supporting...
“CNG Rollout” continued from page 4

the growth on the state’s natural gas exploration industry.

“Pennsylvania is blessed with resources that we will manage to protect the environment and to help the state’s economy,” Gov. Corbett said. Looking back on the project from five or 10 years into the future, the governor said, “We’re going to be able to say Waste Management was one of the leaders” of the CNG conversion.

Sen. Gene Yaw, chairman of the Senate Environmental Resources Committee, represents a district in the state’s Marcellus shale region from which energy companies are extracting natural gas. “It’s a real plus for everybody,” Sen. Yaw said of the expansion of CNG fueling infrastructure in the state. “Just think, using a Pennsylvania resource right here. We use our own product and it serves our own people.”

“You always step up,” Bucks County Commissioner Diane M. Ellis-Marseglia said of Waste Management’s CNG investment. She said she hopes Bucks County follows the company’s lead and expands the use of CNG vehicles. “It’s wonderful. Thank you for being a role model for the county.”

Bristol Twp. Councilman Craig Bowen said the company’s CNG facility is a “total asset to Bristol Twp.”

State Rep. Tina Davis congratulated the governor and other state officials for the grant that supported the project and said, “Waste Management has proven to be a leader in the industry.”

WM’s Delaware Valley – North hauling company is operating 32 CNG trucks and expects to be operating 10 additional CNG front-load, rear-load and roll-off trucks later this year. The company plans to eventually convert all of the station’s 70 trucks to CNG operation.

Ms. Hemmer said the Bristol Twp. project is Waste Management following through on the environmental initiatives the company announced in 2007. The company’s initiatives include a pledge to improve its fuel efficiency by 15 percent and reduce its fleet’s exhaust emissions by 15 percent by 2020. The company, largely due to the CNG conversion of its fleet, achieved its emissions goal in 2011.

“Waste Management today wants to thank everyone who helped make this project happen, from our dedicated team here in Bristol Twp., to all of the local and state officials who had a hand in making this a reality, to our neighbors in this industrial park,” Ms. Hemmer said. “Let me also use this occasion to assure our communities that Waste Management is tirelessly working to protect the environment and be a good neighbor and environmental steward.

“I want our customers to know that we remain committed to efficiently and reliably providing them with the waste disposal and recycling services they demand,” Ms. Hemmer said. “Our customers want greener solutions to their environmental service needs. That’s what Waste Management is providing across North America and that’s what we’re celebrating here today.”

Waste Management’s CNG Fleet Build-Out

- Waste Management is operating 2,000 CNG collection vehicles in the United States and Canada.
- Waste Management is operating these trucks from 40 hauling stations.
- 22 of the company’s CNG stations offer access to the public or outside operators of CNG vehicle fleets.
- These public and fleet fueling stations operate 24 hours a day, seven days a week.
- Waste Management’s “Clean N’ Green” public fueling stations, like the ones in Bristol Twp. and Washington, Pa., are operated by PetroCard and accept VISA, MasterCard, Wright Express, Voyager, Fuelman and Clean N’ Green credit cards.

See “CNG Rollout” Continued on page 11
The Nominating Committee is seeking dedicated members to serve in the following positions for September 2013 through September 2015:

Directors:

**Public Sector Director (two-year term)**

**Private Sector Director (two year term)**

The Board of Directors meets about eight to ten times per year with over half of those meetings being held via conference call. Directors may chair or serve on Chapter committees. Any member with suggestions for a nominee or interest in being a candidate for the Director position should contact the Chapter Secretariat before May 26, 2013 at:

Kay Dougherty, SWANA Keystone Chapter Secretariat
123 Wyneberry Drive, Ephrata, PA 17522-2595
1-866-467-9262
kdougherty@keystoneswana.org

Please include a brief biographical sketch.

The Nominating Committee plans to present their nominations at the next Board of Directors Meeting on June 6, 2013.

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“Advanced Disposal” continued from page 3

software by the same team that designed the mechanical and electrical equipment simplified commissioning and led to a rapid start-up of the new tank farm.

The automated control systems have reduced costs by simplifying information transfers, improving control and reliability, and by allowing for remote system monitoring and adjustments during non-working hours.

Submitted By: Benjamin S. Allen, E.I.T.
Project Engineer

Pump Control Panel HMI Display
Oscar the Grouch Elected President of Garbage Patch

No this headline was not a typo, on April 11th 2013 the United Nations Educational and Scientific and Cultural Organization (UNESCO) declared that the Garbage Patch Territory will become a state. And who better to run this new state then one of the most well known characters associated with garbage, Oscar the Grouch. They are even going as far to create a state flag and an official language (Trash Talk).

The effort to name Garbage Patch a State was spearheaded by Italian architect Maris Cristina Finucci along with the collaboration of the University Ca’ Foscari of Venice and the sponsorship of the Italian Ministry of the Environment, with the support of the University of Rome. Together, they are hoping to bring awareness to the pollution problem. Approximately 80% of marine pollution is from land based sources. Although hurricanes and tsunamis create much of the pollution Finucci hopes that designating Garbage Patch as a state will help slow the rate of pollution and prevent more trash from entering the ocean.

According to the La Stampa report, Garbage Patch is made up of 5 floating “islands” in the North Pacific, South Pacific, North Atlantic, South Atlantic, and Indian Ocean. The largest, discovered in 2009, is called the Great Garbage Patch or the Pacific Trash Vortex. The vortex is located in the Central North Pacific Ocean, and is characterized by exceptionally high concentrations of plastics, chemical sludge and other debris.

Once in the ocean, our garbage will flow with the currents until they reach one of the five major spirals that make up the state of Garbage Patch. In the center of these spirals the trash is subjected to photo-degradation which causes the trash to break down. As the pieces become smaller they are trapped in the upper water column until it eventually becomes small enough to be ingested by marine life. Ultimately this process is now introducing plastic particles into the Marine food chains.

Just like a real state, there will be an inauguration ceremony. The new state of Garbage Patch will have a population just shy of 37,000 tons, and the state will cover approximately 16 hundred square kilometers. Garbage Patch’s inauguration will not take place on any of the islands, as they are not actual land, but at UNESCO’s headquarters in Paris. There will be bottle caps on the floor, plastic bags all over and the sound of waves in the background. The hope is that the problem will gain Global attention.

To learn more about the state of Garbage Patch visit their website: http://www.garbagepatchstate.org/

Information was gathered from the UNESCO.org website
Arranged By: Alison M. L’Hommedieu
Barton & Loguidice (B&L)
On April 4, 2013, the SWANA Keystone Chapter held a mini-technical seminar at the Wilmington Organic Recycling Center (WORC), located in Wilmington, DE. About twenty members from the SWANA group attended the seminar. Mr. Brian Fuchs, W.L. Gore & Associates, led the tour of the facility. Developed by the Peninsula Compost Group, LLC, the facility sits on a 27-acre former Brownfield site across from the Port of Wilmington strategically located for waste haulers and generators from Delaware, Maryland, Pennsylvania, New Jersey, and New York. The project was developed over a three-year period at a cost of $20 million. Ground was broken in May 2009, construction was completed in December 2009, and full operation was achieved in April 2010. The facility can receive up to 600 tons per day of organic feedstock and produce about 100,000 tons per year of compost.

WORC uses the Gore™ Cover System technology to convert 160,000 tons of source separated food discards and yard wastes into 100,000 tons of high value, nutrient rich organic compost. 40,000 tons of additional organic materials are blended with the compost to produce a total of 140,000 tons of compost and soil products per year available for use in agriculture, horticulture, landscaping, and home use. Restoring and replacing soil nutrients help perpetuate a sustainable closed-loop organic lifecycle.
In anticipation of National Prescription Drug Take-Back Day on April 27, 2013, Montgomery County District Attorney Risa Vetri Ferman, along with federal, state, county and local law enforcement and government officials, announces the creation of the Montgomery County Prescription Drug Disposal Program - ten (10) permanent prescription drug collection and disposal sites across the County where the public may safely, conveniently and responsibly dispose of unused and unwanted prescription drugs throughout the year at no cost.

Joining DA Ferman in the announcement are Secretary of Drug and Alcohol Programs for the Commonwealth of Pennsylvania, Gary Tennis, DEA Special Agent in Charge of the Philadelphia Division, David G. Dongilli, Montgomery County Commissioners Chair Josh Shapiro, Montgomery County Sheriff Eileen Behr, Abington Police Chief William J. Kelly, Franco-

On the legislative front, Marcellus shale is still the 600 pound gorilla in the Pennsylvania General Assembly. Of the approximately five dozen bills referred to the Environmental Resources and Energy Committees in the House and Senate, more than half are Marcellus Shale related. Some bills are aimed at making fracking more restrictive others encourage oil and gas exploration and incentivize the use of compressed natural gas and still others are protective of landowners and water supplies. Many bills introduced so far in the 2013-14 General Assembly are re-
introductions of bills from previous sessions. One such bill is SB 785 which would double fines for overweight trucks hauling municipal solid waste. A table of bills being tracked by the Chapter’s Legislative/Policy Committee can be found farther along in this issue.

Other topics of interest covered in this issue are the Chapter’s 2013 Scholarship Awards, the Membership Committee’s Young Professionals outreach initiative and, of course, the upcoming Annual Mid-Atlantic Road-E-O. Yee-Haw!

Enjoy the issue and don’t forget to let us know what your organization is doing. Members’ articles are encouraged and welcome. You can forward them to Alison L’Hommedieu at alhommedieu@bartonandlogudice.com.
WORC serves pre- and post-consumer food and yard waste generators and haulers such as state, federal and municipal institutions, schools, hospitals, universities, supermarkets, importers, restaurants, food processors, and convenience stores, as well as landscapers and contractors.

After weighing, the collection trucks unload the food waste in an 18,000 square-foot tipping building, which encloses receiving and sorting/processing operations. A front-end loader loads the waste onto the processing system. The processing line consists of a low speed shear, metal separation, screening, and sorting to remove plastics and glass from the food waste. A negative air system inside the building exhausts to a biofilter for odor control. The bulking agent may include the ground C&D clean wood waste, woody yard waste, and sawdust. A mixing operation of food waste, yard waste, and wood waste provide a blended feedstock. Front-end loaders transport the feedstock from the tipping building to the first phase and then to the two subsequent phases. Windrows are under cover for four weeks in the first phase, then uncovered, moved to a new pad and recovered, where they remain for two more weeks in the second phase. The Gore Cover System performs two essential functions: controls odors and separates leachate from stormwater. In the third phase, piles are uncovered and “cure” for two weeks.

Air blowers provide oxygen to the windows that are monitored for oxygen and temperature. Aeration holes in two grated trenches running the length of each compost pad also serve to drain leachate. The noncontact stormwater drains to a forebay to settle any solids and discharges to an aerated basin.

The cured material is screened to size the final product and to remove any remaining plastic film and stones from the product. The mature compost is tested for heavy metals, fecal coliforms, and agronomic considerations such as a percentage of organic materials, particle size, salts, pH, and nutrients.

Submit By Don Birnesser, P.E.,
BCEE – KCI Technologies

2013 will be the year of the plastic bag. At least it certainly seems that way. With more and more legislature moving towards the same goal, less plastic waste, 2013 looks to be a landmark year in a war on plastic.

The movement to reduce plastic waste has been underway for some time now. In 2008 California made headlines as being home to some of the first counties to outright ban plastic bags.
WM’S CNG TRUCKS ARE OPERATING IN 28 STATES AND TWO CANADIAN PROVINCES.

- On average, CNG trucks cost about 10 percent more than comparable diesel-powered models.
- WM is operating 45 CNG trucks at its Washington Hauling Co. in western Pennsylvania.
- The company in the next year expects to build a CNG fueling station at its hauling company in Pen Argyl, Northampton County, and immediately equip the site with 30 CNG trucks.

THE ENVIRONMENTAL BENEFITS OF WM’S CNG FLEET CONVERSION

- Each time WM replaces a diesel truck with a CNG truck it eliminates the use of 8,000 gallons of diesel fuel a year.
- By replacing a diesel truck with a CNG truck, WM eliminates the annual production of more than 24 tons of greenhouse gases.
- Greenhouse gases are contributing to what scientists refer to as global warming or climate change.
- The combustion of natural gas produces almost no particulate.

CNG AND ITS EFFECT ON WASTE MANAGEMENT’S OPERATIONS

- CNG costs between one-third and one-half the price of diesel.
- WM’s CNG trucks are quieter than diesel models and because CNG burns more cleanly, CNG trucks do not become soiled by exhaust soot.
- Because CNG burns more cleanly and CNG engines run more smoothly, CNG trucks require less maintenance, require less frequent oil changes, and have a longer service life than diesel models.
- Natural gas is domestically abundant and CNG prices are not as vulnerable as diesel prices to international events.

MORE THAN THE CNG TRUCKS ARE NEW AT DELAWARE VALLEY – NORTH

WM’s Delaware Valley – North garage required modification to service CNG trucks. These modifications included

- Installation of natural gas sensors which, when activated, automatically open the building’s overhead doors,
- Installation of the door-opener system
- Wiring changes
- Relocation of the garage’s heating and air conditioning units.

SOURCE: CNG PRESS RELEASE
The Lycoming County Landfill, Federal Bureau of Prisons and PPL Renewable Energy as partners received 2012 Project of the Year honors from the United States Environmental Protection Agency Landfill Methane Outreach Program (LMOP) in the category of electrical and thermal production for the Lycoming County Landfill Gas to Energy Project.

The award recognizes the collaboration among the three partners that led to the project’s success, especially noting the benefit to the county government through a creative permit and power purchase agreement structure.

Each year, LMOP recognizes select partners for excellence in innovation and creativity, success in promoting landfill gas to energy and achieving both environmental and economic benefits. The Lycoming County Landfill Gas to Energy Project was recognized as generating renewable energy from a local source while serving the local environment and strengthening the economy. Award-winning landfill gas energy projects and companies contribute to job creation and provide energy savings and green power generation.

The 6 megawatt facility, which includes two 3 megawatt power plants, captures methane from decomposing trash and uses it to generate up to 50 million kilowatt-hours per year of electricity, enough to power 4,000 homes. Landfill gas-to-energy systems benefit the environment by generating electricity from renewable fuel while also eliminating emissions of methane, a greenhouse gas. Additionally, the power produced from renewable energy helps limit carbon dioxide emissions.

The Lycoming County plant supplies power to the Federal Bureau of Prisons’ Allenwood Federal Correctional Complex and to the region’s electric grid. The county uses heat from the power plant’s engines to heat county facilities.

Eighty percent of the Federal Bureau of Prisons' Allenwood Correctional Complex's electricity is supplied and 90 percent of the power and thermal needs of the Lycoming County Landfill complex are met through the combustion of landfill gas in four internal combustion engines (6 megawatts total)...

“Lycoming” continued on page 13
Your ad here!

The Keystone is now accepting advertisers in support of the SWANA Keystone Chapter Scholarship Awards!!

For additional information and an application visit

KeystoneSWANA.org or contact Alison L’Hommedieu, Phone 717-737-8326

“Lycoming” continued from page 12

The Federal Bureau of Prisons gains long-term power price stability and clean energy (toward meeting federal renewable energy requirements), and the county receives funding for updating its gas collection system and revenue for the landfill gas without having to pay anything, since PPL Renewable Energy developed, owns and operates the project.

Lycoming County Resource Management Services, a division of Lycoming County government, has been operating the landfill since 1978 under a permit granted in 1973. The 513-acre site is located on property owned by the Federal Bureau of Prisons adjacent to the Allenwood Federal Correctional Complex. This regional site serves Lycoming County as well as Montour, Northumberland, Snyder, Columbia and Union counties. More information is available at http://www.lyco.org.

PPL Renewable Energy develops, owns, operates and maintains renewable and green energy projects in the mid-Atlantic and northeastern United States, with a portfolio of projects that totals more than 50 megawatts of electricity generation — enough to power 25,000 homes. These projects include solar panel installations, wind and landfill gas-to-energy projects in Pennsylvania, New Hampshire, Vermont and New Jersey. More information is available at http://www.pplrenewableenergy.com.

PPL Corporation, headquartered in Allentown, owns or controls about 19,000 megawatts of generating capacity in the United States, sells energy in key U.S. markets and delivers electricity and natural gas to about 10 million customers in the United States and the United Kingdom. More information is available at http://www.pplweb.com.

The Allenwood Federal Correctional Complex is situated in Pennsylvania in the foothills of the northern Allegheny Mountains. It is located two miles north of Allenwood on U.S. Route 15; 11 miles south of Williamsport; and 197 miles north of Washington, D.C. The complex consists of a low- and medium-security federal correctional institution and a high-security United States penitentiary. More information is available at http://www.bop.gov.

Written by:
Teri J. MacBride
PPL Regional Community Relations Director
"Plastic Bag" continued from page 10

Since then, other cities and counties have adopted bans bringing the total up to a mere 10 at the end of 2012. Outside of outright bans on plastic bags, other local governments are hoping to impose fees and taxes on the plastic.

But those measures are likely to be overshadowed by the Federal Government. The bill, H.R. 1686, known as the Trash Reduction Act of 2013, was introduced into the U.S. House on Earth Day of this year by U.S. Rep. Jim Moran. Moran’s bill would place a five-cent fee on all disposable bags, plastic or paper, provided by a merchant to a customer to transport purchases. All retailers would be required to charge the fee, not just supermarkets and food stores.

Moran’s current bill does the following:
- on any retail sale, impose a tax on each disposable carryout bag
- the amount of tax will be five cents per disposable carry-out bag
- the tax must be passed through to the customer
- tax must be separately stated on customer’s receipt of sale

Disposable Bag Tax Fund
Moran’s bill also delineates how the funds received through the collection of the tax must be disbursed. The retailer will be allowed to retain one cent of the tax if said retailer maintains a qualified carryout bag recycling program and keeps records of all bag tax receipts.

The remainder of the money will be deposited into the Disposable Carryout Bag Trust Fund, which is created by this bill. The money will be used to pay for expenditures caused by the enforcement of this act.

Rep. Moran introduced a similar bill on April 22nd, 2009 which failed to pass. The bill, H.R. 2091, titled “The Plastic Bag Reduction Act of 2009” never made it out of committee. And given the fact that every year Americans use approximately 1 billion shopping bags which create 300,000 tons of landfill waste, this was a sad defeat. However, Moran maintains hope that even though the 2009 bill was very similar to the current bill it will pass this time.

With such startling facts such as during 2009’s International Coastal Cleanup, the Ocean Conservancy found that plastic bags were the second-most common kind of waste found; comprising 10% of the items collected, many people believe that this is long overdue. It is with this renewed hope, and with more countries outside of the United States adopting similar policies, that make 2013 the year of the plastic bag.

Arranged By: Alison M. L’Hommedieu
Montgomery County Adult Probation Chief Mike Gordon, Montgomery County Juvenile Probation Chief Steve Custer, Montgomery County Pharmacists Association President Bruce Sigman and incoming President Scott Himler, the Waste System Authority of Eastern Montgomery County and the Indian Valley Character Counts! Coalition. According to DA Ferman, “Our law enforcement professionals recognize the steady growth of prescription drug abuse in the community, particularly among our youth.

We have seen time and again that addiction often begins with minors stealing powerful narcotics from their parents' medicine cabinets. This includes Oxycontin, Percocet and many other highly addictive prescription medications. We have seen many teens turn from underage drinking parties to “pharm parties,” where they collect whatever pills they can steal from home medicine cabinets and share them with their friends. Once addicted, these young addicts will do anything necessary to obtain more drugs, whether purchasing pills at a very high price from drug dealers, shopping for dishonest doctors who will write fraudulent prescriptions, or even shifting their usage to less expensive street drugs such as heroin. Unfortunately, it is well documented that prescription drug abuse can quickly lead to addiction, other criminal activity and even death. The only way to truly make an impact in reducing this epidemic of prescription drug addiction is to focus on prevention efforts.”

In April 2010, the Montgomery County District Attorney’s Office held a “Medicine Collection Event” at four different sites. The public turned over 513 pounds of medications in order to keep them out of the hands of our youth. Among those prescription drugs collected were Oxycodone, Percocet, Fentanyl and Hydrocodone. During the past three years, numerous local police departments participated in a nation-wide drug collection program sponsored by the federal Drug Enforcement Administration (DEA) called “Got Drugs?” This program offers two select days each year when residents can turn over their prescription medications.

With the installation of ten (10) permanent prescription drug collection and disposal boxes at local police departments and the Montgomery County Courthouse, most of which are open 24/7, the public can now safely and confidentially dispose of their unused, unwanted or expired medications at no cost all year long. Local law enforcement, in conjunction with state and federal authorities, will ensure that all drugs are destroyed in a legal and environmentally friendly manner. All costs needed to establish and maintain the program are being shared by the Montgomery County District Attorney’s Office and participating law enforcement agencies, with additional support provide from DEA and public interest groups.

"I congratulate District Attorney Ferman and the many other persons and agencies involved in this effort. I regret my schedule did not allow me to attend the kickoff of this important program. Rest assured that I will help this effort in any way possible."
Just For Fun - A Keystone Cross-Word

Keystone SWANA
The Road–E–O is coming

ACROSS
2. Garbage Patch President
5. Burnt Remains
8. Celebration of Earth
11. Save the env. go _____
13. SWANA Pres. Surname
18. Driving Force of WM Fleet
20. First Sub. In this Jersey River
21. Newest UNESCO State
24. First State
25. Air Pollutant
26. Nat. Agency that Protects
27. The Garden State

DOWN
1. Plastic Bag “Bill”er
3. One of the 3 R’s
4. Save Money, Brown ____
6. County Honored
7. Newly Upgraded AD Facility Goes _____
9. Where our Event Derives From
10. Maryland—First Ascension by _____
12. Chocolate Capital of World?
14. Take-Back County
15. Pennsylvania’s State Title
16. One of the 3 R’s
17. Discarded Material
22. One of the 3 R’s
23. Delaware State Beverage

Solution to Puzzle on page 20
Lancaster County, PA Sets Recycling Record

The Lancaster County Solid Waste Management Authority (LCSWMA) announced today that the county achieved a new record for community-wide recycling. In 2012, Lancaster County, PA recycled 43% of its municipal solid waste.

Several factors contributed to this increase: 1) more businesses recycled both ferrous and non-ferrous metals; 2) residents and businesses recycled more organic materials, including wood, yard waste, leaves and food scraps for composting; 3) residents and businesses recycled more fibrous (cardboard) materials; 4) the curbside collection and drop-off recycling of single-stream materials, such as plastic and glass bottles, metal cans, newsprint, magazines, junk mail, phone books and catalogs, increased for residents and businesses; and finally, 5) household hazardous waste and electronic waste recycling increased as well.

“Recycling is a critical component of our Integrated System,” says James Warner, CEO for LCSWMA, “Residents and businesses play a key role in the management of our society’s discards by recycling materials instead of throwing them away as trash. This new record demonstrates the continued health and vitality of our system.”

Out of the remaining 57% of municipal solid waste that is not recycled, 55% is combusted at the Waste-to-Energy Facility in Conoy Township where waste is turned into renewable energy (electricity) that powers approximately 30,000 area homes and businesses; and only 2% is delivered to the Frey Farm Landfill in Manor Township.

According to the United States Environmental Protection Agency (EPA), the national average for recycling is 34%. The substantial elevation of Lancaster County’s recycling rate over the national average indicates the effectiveness of the area’s Integrated System and the cooperation of residents and businesses to act responsibly when discarding waste.

The recycling rate for Lancaster County in 2011 was 40%.

Source: LCSWMA
Lancaster County Solid Waste Management Authority
Delaware Purchases Renewable Power

The Delaware Electric Cooperative announced plans Wednesday May 1st to purchase power produced with gas recovered from a state landfill in a move that will also help the utility reach renewable energy requirements. The cooperative signed an agreement to buy power from the Delaware Solid Waste Authority landfill in Sandtown, according to Jeremy Tucker, DEC’s manager of marketing and communications. DEC will purchase two megawatts of power, enough to power 1,000 homes.

The 20-year contract will not affect member rates. The DEC is partnering with Ameresco, a renewable energy firm, which will expand its plant at Sandtown, in western Kent County, by adding two methane-fueled engines to increase its conversion of methane gas from landfill waste into energy.

“Many people have no idea that methane gas can be used to generate energy,” Bill Andrew, DEC’s chief executive officer, said in a statement. “We are excited to seize the opportunity to turn that gas into energy for co-op members.”

The project will bring cleaner air to Kent County by reducing the release of methane from the landfill, according to the DEC, which serves 85,000 homes in Kent and Sussex counties, mainly in rural areas. The U.S. Environmental Protection Agency says construction of landfill gas-to-energy projects can reduce emissions of methane and carbon dioxide from landfills by 60-90%.

The cooperative, established by southern Delaware farmers in 1936, will buy the electricity at below-market prices, which is why they don’t anticipate an impact on their rates. “This is part of DEC’s continuing strategy to assemble the right mix of energy sources that are not only good for the environment, but are also affordable,” Tucker said. “Our goal with this project, and our other renewable projects, is to reduce carbon emissions while keeping electric rates as low as possible.”

Ameresco is funding the project’s construction, which is slated to begin this summer and wrap up as soon as the end of the year. The project is the first of its kind for the cooperative, which is required by state law to buy or produce 25% of its energy from renewable sources by 2025.

“Ameresco is pleased to work with our long-term partner, DSWA, to expand our existing facility and generate an additional local source of renewable energy from the methane generated at DSWA’s Sandtown Landfill,” said Michael Bakas, senior vice president for Ameresco.
“Montgomery” continued from page 15

MONTGOMERY COUNTY PRESCRIPTION DRUG DISPOSAL LOCATIONS:

Montgomery County Courthouse
Airy and Swede Streets, Norristown, PA (both public entrances between 8:30 am and 4:15 pm, Monday through Friday)
Abington Police Department
1166 Old York Road, Abington, PA (24/7)
Franconia Police Department
671 Allentown Road, Franconia, PA (24/7)
Hatfield Police Department
2000 School Road, Hatfield, PA (24 hrs/day, Monday through Friday)

Written By: Josh Shapiro, Chair, Montgomery County Commissioners

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www.StoneHillContracting.com
The state’s Cherry Island Landfill in Wilmington has a methane recovery contract with Cummins, which finds customers for the gas, according to Michael Parkowski, chief of business and governmental services for DSWA. One such end user is Croda, which has manufacturing operations near New Castle. A similar deal is in place at the Jones Crossroads Landfill in central Sussex County.

“The best thing about the landfill gas is it’s being used,” Parkowski said. “We utilize energy at all three landfills.”

From: Delaware Online
Originally Written by
Cori Anne Natoli
The News Journal
## PENNSYLVANIA:

<table>
<thead>
<tr>
<th>Bill #</th>
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<tbody>
<tr>
<td>SB 154</td>
<td>Provides for disclosure and indemnification of landowners in gas mineral rights lease agreements.</td>
<td>Referred to Environmental Resources and Energy Committee (ER &amp; E), Jan. 15, 2013.</td>
</tr>
<tr>
<td>SB 164</td>
<td>Provides for independent counsel to be appointed by the PADEP for the Environmental Quality Board.</td>
<td>Laid on table, Feb. 6, 2013.</td>
</tr>
<tr>
<td>SB 196</td>
<td>Amends the Pennsylvania Infrastructure Investment Act to add a definition and grant eligibility for “urban runoff.”</td>
<td>Reported as amended, March 18, 2013.</td>
</tr>
<tr>
<td>SB 207</td>
<td>Amends the Alternative Energy Investment Act including the funding of energy service project grants to political subdivisions.</td>
<td>Referred to ER &amp; E, Jan. 22, 2013.</td>
</tr>
<tr>
<td>SB 208</td>
<td>Provides youth employment opportunities for the summer in state and parks and recreation facilities.</td>
<td>Referred to ER &amp; E, Mar. 6, 2013.</td>
</tr>
<tr>
<td>SB 213</td>
<td>Provides for transfer of funds from the Oil and Gas Lease Fund to the Franklin Technology Development Authority Fund to support life science, IT or green industries.</td>
<td>Referred to ER &amp; E, Feb. 1, 2013.</td>
</tr>
<tr>
<td>SB 218</td>
<td>Provides for an alternative energy development program and clean energy supply chain initiative.</td>
<td>Referred to Community Economic and Recreational Development, Feb. 4, 2013.</td>
</tr>
<tr>
<td>SB 225</td>
<td>Amends the Alternative Energy Investment Act to expand the definition of an alternative energy production project to include facilities that manufacture materials used in solar energy efficient lighting and displays or batteries.</td>
<td>Referred to ER &amp; E, Feb. 1, 2013.</td>
</tr>
<tr>
<td>SB 226</td>
<td>Amends the Alternative Energy Investment Act to clarify eligibility of residential properties, small businesses and individuals for grants.</td>
<td>Referred to ER &amp; E, Jan. 30, 2013.</td>
</tr>
<tr>
<td>SB 259</td>
<td>Regulates terms and conditions of certain oil and natural gas leases pertaining to minimum landowner royalties.</td>
<td>Passed Senate, Feb. 5, 2013.</td>
</tr>
<tr>
<td>SB 351</td>
<td>Adds stormwater management planning and projects to the purposes and powers of certain incorporated authorities.</td>
<td>Re-referred to Appropriations, Mar. 30, 2013.</td>
</tr>
<tr>
<td>SB 355</td>
<td>Amends Title 58 (Oil and Gas) to provide for the application of a standard unit order by persons controlling a majority interest (at least 65%) in a proposed unit.</td>
<td>Referred to ER &amp; E, Jan. 31, 2013.</td>
</tr>
</tbody>
</table>
May 2013 Pennsylvania Legislative Update

“Legislative” continued from page 20

<table>
<thead>
<tr>
<th>Bill #</th>
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<tbody>
<tr>
<td>SB 459</td>
<td>Establishes an Emergency Drinking Water Support Fund to be funded by a $10.00 surcharge on natural gas wells using a hydraulic fracturing process.</td>
<td>Referred to ER &amp; E, Feb. 8, 2013.</td>
</tr>
<tr>
<td>SB 504</td>
<td>Provides specific public notification requirements of applicants for certain environmental permits.</td>
<td>Referred to ER &amp; E, Feb. 26, 2013.</td>
</tr>
<tr>
<td>SB 506</td>
<td>Imposes obligations on operators of gas and hazardous liquids pipelines with easements across public and other types of lands to provide recreational use areas and neutral stormwater runoff impact.</td>
<td>Referred to ER &amp; E, Feb. 26, 2013.</td>
</tr>
<tr>
<td>SB 512</td>
<td>Provides notification requirements of the PADEP for suspension and revocation of oil and gas well permits and registrations and for enforcement orders.</td>
<td>Referred to ER &amp; E, Feb. 20, 2013.</td>
</tr>
<tr>
<td>SB 540</td>
<td>Imposes a moratorium on leasing State forest lands for natural gas exploration.</td>
<td>Referred to ER &amp; E, Feb. 21, 2013.</td>
</tr>
<tr>
<td>SB 544</td>
<td>Provides for the release of trade secret information to and the protection of that information by health care professionals.</td>
<td>Referred to ER &amp; E, Feb. 21, 2013.</td>
</tr>
<tr>
<td>SB 592**</td>
<td>Requires the PADEP to maintain on its website confirmed cases of subterranean water supply contamination by municipality while maintaining land owners privacy. Also requires PADEP to provide test results to private water supply owners.</td>
<td>Referred to ER &amp; E, Mar. 1, 2013.</td>
</tr>
<tr>
<td>SB 659**</td>
<td>Establishes a Range Cleanup Trust Fund for sport shooting and training ranges and provides certain legal and financial protections.</td>
<td>Referred to ER &amp; E, March 13, 2012.</td>
</tr>
<tr>
<td>SB 723**</td>
<td>Adds a “critical zone” definition and other definitions to Pennsylvania Safe Drinking Water Act” and requires discharge permit applicants within such a zone to demonstrate the discharge will not degrade the water quality of the critical zone.</td>
<td>Referred to ER &amp; E, Mar. 20, 2013.</td>
</tr>
<tr>
<td>SB 738**</td>
<td>Provides for distribution system extension and expansion plans to increase usage of natural gas in Pennsylvania.</td>
<td>Referred to ER &amp; E, Apr. 3, 2013.</td>
</tr>
<tr>
<td>SB 739**</td>
<td>Amends Alternative Energy Investment Act to provide grants to schools, hospitals and small businesses to obtain natural gas.</td>
<td>Referred to ER &amp; E, Apr. 3, 2013.</td>
</tr>
<tr>
<td>SB 780**</td>
<td>Provides compensation to surface land owners and tenants for damages caused by oil and gas activities operators.</td>
<td>Referred to ER &amp; E, Apr. 3, 2013.</td>
</tr>
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</table>
May 2013 Pennsylvania Legislative Update

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<tbody>
<tr>
<td>SB 783**</td>
<td>Amends Act 101 to provide a definition for an “affected municipality,” a requirement for a community health study prior to permit issuance for siting, operating or expanding a municipal waste landfill and other permitting requirements.</td>
<td>Referred to ER &amp; E, Apr. 1, 2013.</td>
</tr>
<tr>
<td>SB 784**</td>
<td>Doubles fines for overweight trucks hauling municipal solid waste.</td>
<td>Referred to ER &amp; E, Apr. 1, 2013.</td>
</tr>
<tr>
<td>SB 790**</td>
<td>Provides funding for natural gas drilling health research.</td>
<td>Referred to ER &amp; E, Apr. 1, 2013.</td>
</tr>
<tr>
<td>SB 823**</td>
<td>Establishes and funds a Student Performance Advisory Commission.</td>
<td>Referred to ER &amp; E, Apr. 8, 2013.</td>
</tr>
<tr>
<td>SB 857**</td>
<td>Provides for water testing option for property owners neighboring lands used for sewage sludge application.</td>
<td>Referred to ER &amp; E, Apr. 16, 2013.</td>
</tr>
<tr>
<td>HB 33</td>
<td>Provides for oil and natural gas wells to be subject to separate municipal and school district real estate taxes.</td>
<td>Referred to Local Government, Jan. 8, 2013.</td>
</tr>
<tr>
<td>HB 34</td>
<td>Requires design, construction renovation of certain State owned or leased buildings to comply with specific energy and environmental building standards.</td>
<td>Passed House. Referred to ER &amp; E in Senate, Feb. 26, 2013.</td>
</tr>
<tr>
<td>HB 45</td>
<td>Establishes fines and penalties for littering.</td>
<td>Referred to Transportation, Jan. 9, 2013.</td>
</tr>
<tr>
<td>HB 80</td>
<td>Prescribes fines and penalties for the theft of secondary metals such as wire, pipe or cable owned by communications, gas and electrical utilities and railroads and mass transit or commuter rail agencies.</td>
<td>Referred to Judiciary, Jan. 10, 2013.</td>
</tr>
<tr>
<td>HB 96</td>
<td>Establishes a trust fund for unknown or unlocatable owners of oil and gas interests.</td>
<td>Referred to ER &amp; E, Jan. 14, 2013.</td>
</tr>
<tr>
<td>HB 100</td>
<td>Amends Alternative Energy Portfolio Standards with an emphasis on solar photovoltaic technology.</td>
<td>Referred to ER &amp; E, Feb. 25, 2013.</td>
</tr>
<tr>
<td>HB 183</td>
<td>Provides for the inclusion of fluorescent lamps and tubes in municipal recycling programs.</td>
<td>Referred to ER &amp; E, Jan. 22, 2013.</td>
</tr>
<tr>
<td>HB 301</td>
<td>Provides for gas fleet vehicle tax credit for purchase or conversion to vehicles fueled by compressed or liquid natural gas.</td>
<td>Referred to Finance, Feb. 5, 2013.</td>
</tr>
<tr>
<td>HB 302**</td>
<td>Provides for an inter-fund transfer to PADEP for a grant program for the transition of small business bus fleets to compressed natural gas.</td>
<td>Removed from table, Apr. 16, 2013.</td>
</tr>
<tr>
<td>HB 303**</td>
<td>Provides for an inter-fund transfer to PADEP for a grant program for the transition of large mass transit bus fleets to compressed natural gas.</td>
<td>Removed from table, Apr. 16, 2013.</td>
</tr>
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## May 2013 Pennsylvania Legislative Update

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<tbody>
<tr>
<td>HB 305</td>
<td>Provides for a natural gas corridor tax credit.</td>
<td>Referred to Finance, Feb. 5, 2013.</td>
</tr>
<tr>
<td>HB 306**</td>
<td>Establishes an Alternative Fuels Incentive Fund to provide grants to retrofit vehicles of certain entities to operate as either bi-dual, dual-fuel, hybrid or dedicated vehicle.</td>
<td>Removed from table, Apr. 16, 2013.</td>
</tr>
<tr>
<td>HB 308**</td>
<td>Requires a portion of the financial resources in the Clean Air Fund to be used for grants for natural gas vehicles.</td>
<td>Removed from table, Apr. 16, 2013.</td>
</tr>
<tr>
<td>HB 309**</td>
<td>Provides 3-year Natural Gas Vehicle Tax Credit to provide incentives for PA businesses to purchase heavy-duty natural gas vehicles.</td>
<td>Removed from table, Apr. 6, 2013.</td>
</tr>
<tr>
<td>HB 444</td>
<td>Provides for distribution of timber, wood products and gas and oil rentals and royalties.</td>
<td>Referred to ER &amp; E, Jan. 30, 2013.</td>
</tr>
<tr>
<td>HB 453</td>
<td>Increases the maximum amount for grants to counties with populations over 250,000 from $100,000 to $150,000 primarily for household hazardous waste collection programs.</td>
<td>Referred to ER &amp; E, Jan. 30, 2013.</td>
</tr>
<tr>
<td>HB 540</td>
<td>Establishes the Pharmaceutical Stewardship Act to provide for the collection and disposal of leftover and expired medicines.</td>
<td>Referred to Health, Feb. 6, 2013.</td>
</tr>
<tr>
<td>HB 661</td>
<td>Provides for least oil and gas well casing specs and measures to prevent blowouts and wireless multi-frequency communications with PEMA.</td>
<td>Referred to ER &amp; E, Feb. 11, 2013.</td>
</tr>
<tr>
<td>HB 774</td>
<td>Requires at least 10% cellulosic ethanol content in gasoline except in regions where it could cause non-compliance with the National Ambient Air Quality Standards State Implementation Plan.</td>
<td>Referred to ER &amp; E, Feb. 25, 2013.</td>
</tr>
<tr>
<td>HB 800</td>
<td>Restricts location of oil and gas wells, including horizontal drilling, to areas at least 2,500 feet away from specified water supplies.</td>
<td>Referred to ER &amp; E, Feb. 25, 2013.</td>
</tr>
<tr>
<td>HB 801</td>
<td>Provides for tracking of Marcellus Shale mining wastewater.</td>
<td>Referred to ER &amp; E, Feb. 25, 2013.</td>
</tr>
<tr>
<td>HB 856**</td>
<td>Provides for transparency in purchases of wetlands.</td>
<td>Referred to ER &amp; E, Mar. 11, 2013</td>
</tr>
<tr>
<td>HB 880**</td>
<td>Provides for public notice of natural gas permit applications.</td>
<td>Referred to ER &amp; E, Mar. 11, 2013</td>
</tr>
<tr>
<td>HB 881**</td>
<td>Provides for toll free telephone response number to PADEP to report suspected violations of oil and gas laws.</td>
<td>Referred to ER &amp; E, Mar. 11, 2013</td>
</tr>
<tr>
<td>HB 950**</td>
<td>Establishes a moratorium on leasing lands owned and managed by DCNR for oil and gas development.</td>
<td>Referred to ER &amp; E, Mar. 11, 2013</td>
</tr>
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</table>
May 2013 Pennsylvania Legislative Update

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<tbody>
<tr>
<td>HB 986**</td>
<td>Provides for private and public water supply analysis results obtained by an oil or gas well operator to be provided to the PADEP and for the PADEP to provide it to the land owner or water purveyor.</td>
<td>Referred to ER &amp; E, Mar. 13, 2013.</td>
</tr>
<tr>
<td>HB 994**</td>
<td>Provides for gas transmission line fees and fee arrangements when using PA Turnpike Commission right-of-ways.</td>
<td>Referred to ER &amp; E, Mar. 14, 2013.</td>
</tr>
<tr>
<td>HB 1058**</td>
<td>Prohibits new landfills within one mile of a reservoir serving as a public water supply.</td>
<td>Referred to ER &amp; E, Mar. 25, 2013.</td>
</tr>
<tr>
<td>HB 1137**</td>
<td>Provides for withholding of funds to municipalities that fail to comply with stormwater management regulations within 180 days of notices of violation. Also provides right of municipalities to appeal.</td>
<td>Referred to ER &amp; E, Apr. 8, 2013.</td>
</tr>
<tr>
<td>HB 1151**</td>
<td>Moves Waste-to-Energy from Tier II to Tier I in the Alternative Energy Portfolio Standard.</td>
<td>Referred to ER &amp; E, Apr. 9, 2013.</td>
</tr>
<tr>
<td>HB 1212**</td>
<td>Prohibits PADEP from imposing anti-degradation requirements on on-lot sewer systems in conjunction with planning or permitting.</td>
<td>Referred to ER &amp; E, Apr. 17, 2013.</td>
</tr>
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</table>

* Change or Update
** New
For more Information, event registrations, and updated information please go to the Keystone Chapter's website: [http://www.keystoneswana.org/](http://www.keystoneswana.org/)

Some events to plan for include:

**JUNE 2013**
- Saturday 6/1—Deadline for submittal of Grant H. Flint Scholarship Recommendation.
- Thursday 6/6—Board Meeting at LCSWMA, Lancaster.
- Thursday 6/6—Present Scholarship Awards at Board Meeting
- Thursday 6/6 & Friday 6/7—Mid Atlantic Regional Road-E-O. Ridgley MD.
  - Nominating Committee presents slate of Directors for election

**JULY 2013**
- No events scheduled at this time.

**AUGUST 2013**
- Thursday 8/1—Board Meeting Conference Call

**SEPTEMBER 2013**
- Tuesday 9/10 & Wednesday 9/11—PWIA/SWANA/PADEP/PAHMI Fall Conference, Harrisburg PA
- Wednesday 9/11—Chapter Annual Business Meeting and Election.
  - Distribute Summer Newsletter via email
  - Chapter Fiscal Year Ends

**OCTOBER 2013**
- No events scheduled at this time.

**NOVEMBER 2013**
- No events scheduled at this time.

**DECEMBER 2013**
- No events scheduled at this time.
Chapter Officers and Board of Directors

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Tim Hartman, President
Waste System Authority of Eastern Montgomery County

Bob Zorbaugh, Vice President
Lancaster County Solid Waste Management Authority

Larry Taylor, P.E., Treasurer
Greater Lebanon Refuse Authority

Bryan Wehler, P.E. P.G., Secretary
ARM Group, Inc.

Board of Directors

Public Sector

Kelly Megonnel
Professional Recyclers of Pennsylvania

Jennifer Cristofoletti
York County Solid Waste Authority

Scott Sample
Northern Tier Solid Waste Authority

Bill Stullken
SECCRA

Private Sector

Mark Pedersen
Republic Services, Inc. – West PA Area

George H. Barstar, III, P.E.
Barstar Geotechnical & Environmental Services

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CH2M Hill

Michelle Nestor
Nestor Resource, Inc.

International Director

Bob Watts
Chester County Solid Waste Authority
This Publication is for the Solid Waste Professionals of the Keystone Chapter of SWANA

The Keystone is published a minimum of three times per year (generally winter, summer, and fall). If you have ideas for future articles, updates, or general suggestions for The Keystone, please contact Alison L’Hommedieu at Barton & Loguidice, Newsletter Secretariat Production Services, or any member of the Newsletter Committee listed below:

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Chapter members: please freely share this info with others that you work with or who have an interest in waste news in PA. Please remember to send Kay Dougherty, Chapter Secretariat, your current email address as all future newsletters, as well as informational broadcast faxes and other communications, will only be sent via email. Her email is: kdougherty@keystoneswana.org. If you did not receive your copy of this newsletter emailed from Kay, you are not on our email list for news.