



Keystone

For the Solid Waste Professionals of the Keystone Chapter of SWANA

Inside this issue

- 40 Years of Earth Day1
- Introducing Mark Mehall, New PROP Executive Director2
- Public-Sector Fatalities Up.....3
- Heard on the Street3
- LCSWMA and PPL Renewable Energy Partner on Wind Project.....4
- CCSWA Donates to the SWANA Scholarship5
- Chapter Mid-Year Meeting.....5
- Member Debate: LFG to Electric.....6
- Scouts Build Bird Boxes for Grand Central's Wildlife Habitat...7
- Pennsylvania Bans Mercury Thermostats.....8
- News You Can Use9
- SWANA Calendar12
- A Note From Enforcement Officer Randy Fye13
- Geosynthetic Institute Courses 12

This Spring Marks the 40th Anniversary of Earth Day!



Welcome to the Chapter's second electronic newsletter. We have received some favorable feedback on the new format and

method of delivery. I want to thank you, the members for contributing as you have to these first two issues. Some of the articles continue to demonstrate to me that several individuals in this industry do more than just collect garbage at the curb.

Continuing in this theme of public service and contributing to society, it will be the 40th Earth Day this spring. I was in college at the time of the first event and some of my colleagues were not yet born (they even give me a hard time that I only had a slide rule going to college). The first Earth Day event was a huge public statement which reflected the

sentiment and mood in the country that brought us the US EPA. I hope that many of you will be hosting, or participating in one of the many activities that will celebrate our one earth.

While 40 years have passed since the first earth day, the waste industry has evolved from a series of hometown haulers into some industry giants. As an industry, I want to think that the public does not agree that we are controlled by a bunch of individuals modeled like "Tony Soprano". However, I am concerned that a sizeable number of citizens that I come into contact with have views about the waste industry that include suspicion and maybe operating near the line of the law. When I explain all of the checks and balances in the regulatory system and the myriad of permits required for any disposal facility, many change their opinion to disgust of the regulator. When I ask why, the individual recites some negative

See "Earth Day" on page 2

Mark Mehall, PROP'S New Executive Director



On October 19, 2009, Mark Mehall began as the Executive Director of the Professional Recyclers of

Pennsylvania (PROP).

He moved to Pennsylvania from South Bend, Indiana, where he was the Executive Director of the St. Joseph County Solid Waste Management District since 2001.

Mehall has 23 years of wide ranging solid waste management experience in three different states, Minnesota, Illinois and Indiana. This includes managing a municipal landfill, planning and implementing municipal recycling programs, creation of special waste programs and operating a state agency promoting the advancement of commercial/industrial waste.

Mehall comes to PROP after being involved with a myriad of

professional solid waste management associations during the course of his career. He was an active member of the Association of Recycling Managers (ARM), the Recycling Association of Minnesota (RAM), the Illinois Recycling Association (IRA), the Illinois Counties Solid Waste Management Association (ILCSMA), the Indiana Recycling Coalition (IRC) and the Association of Indiana Solid Waste Management Districts (AISWMD)

Mehall has also been extremely active with the Solid Waste Management Association of North America (SWANA). He was an active member of the state chapters of SWANA in Illinois and Indiana and has served as Treasurer and Secretary of the Illinois chapter of SWANA.

Mehall attended several SWANA technical seminars, Senior Executive Seminars, and Wastecons over the years. He grew up in Grand Haven,

Michigan and graduated from Central Michigan University in Mt. Pleasant, Michigan with a Bachelor of Science degree and a Masters of Public Administration degree.

His personal interests are quite varied. He has traveled extensively throughout North America and Europe. Mehall is a fan of a wide variety of sports, both college and professional, and has always had an intense interest in popular culture and history.

Mehall looks forward to being an active member of the Keystone Chapter of SWANA. Please feel free to contact him at 800-769-7767 or via email:

mmehall@proprecycles.org. The Keystone Chapter welcomes Mehall as a member and as the new director of PROP. 

“Earth Day” continued from page 1

example of a solid waste facility and usually involving litter or odor. With more than 35 years in the business, I am convinced that the general public has a low level of tolerance for litter and odors from solid waste disposal facilities which equate to a perception

of a lack of regulatory enforcement. Secondly, if the facility appears to look good, the public assumes that the regulators are enforcing the requirements. In summation, we are all in this together and even after many years, we still need to work on

our image improvement. Welcome to Earth Day “40” to improve our image. Do something good in the public’s eye, and send us your news items about what you did for Earth Day “40”, April 24, 2010! 

Public-Sector Solid Waste Fatalities Up

Though the likelihood has dropped over the last several years, your refuse collectors are twice as likely as their private-sector counterparts to be killed on the job.

In 2008, the most recent year for which figures are available, there were 12 fatalities among public sector collection employees, representing 2.3% of all collection-related fatalities, compared to 0.9% in the private sector. The number of fatalities in the public sector is down from 15 in 2003.

The federal [Bureau of Labor Statistics \(BLS\)](#) reports that the injury rate for all refuse workers,

both public and private, fell marginally, from 7.5 to 7.4 per 100 full-time employees. The rate for landfill employees fell dramatically - 24% --from 7.1 to 5.4 per 100 full-time employees.

Replacing manual rear-load vehicles with semi- and fully automated refuse trucks reduces the physical demands of lifting heavy containers and stepping on and off the trucks. Tight budgets, however, have made it difficult for cities and counties to upgrade to newer, more-expensive equipment. Meanwhile, the number of workplace citations is down.

The U.S. Occupational Safety and Health Administration issued 37% fewer citations to solid waste operations, public and private, last year than in 2008.

Last year the agency assessed \$250,000 in fines compared to \$333,000 in 2008. As in previous years, violations of the Hazard Communication, Lockout-Tagout and Respiratory Protection standards were the most common violations. 

From PUBLIC WORKS News Service
Publication date: January 20, 2010
By Michael Fielding



Heard on the Street...

The Chester County Solid Waste Authority (CCSWA) is about to embark on a Post Closure Solar Power Demonstration Project at the Lanchester Landfill. The landfill is located in Honey Brook Township, Chester County, and Caernarvon

Township, Lancaster County. An initial demonstration project is anticipated to utilize a solar powered installation on a closed portion of the landfill. An RFP for consultant assistance in all phases of the project from planning and

permitting to funding and construction was posted in early January; stay tuned for progress updates on this project as CCSWA advances to implementation. 

Public-Sector Solid Waste Fatalities Up

Though the likelihood has dropped over the last several years, your refuse collectors are twice as likely as their private-sector counterparts to be killed on the job.

In 2008, the most recent year for which figures are available, there were 12 fatalities among public sector collection employees, representing 2.3% of all collection-related fatalities, compared to 0.9% in the private sector. The number of fatalities in the public sector is down from 15 in 2003.

The federal [Bureau of Labor Statistics \(BLS\)](#) reports that the injury rate for all refuse workers,

both public and private, fell marginally, from 7.5 to 7.4 per 100 full-time employees. The rate for landfill employees fell dramatically - 24% --from 7.1 to 5.4 per 100 full-time employees.

Replacing manual rear-load vehicles with semi- and fully automated refuse trucks reduces the physical demands of lifting heavy containers and stepping on and off the trucks. Tight budgets, however, have made it difficult for cities and counties to upgrade to newer, more-expensive equipment. Meanwhile, the number of workplace citations is down.

The U.S. Occupational Safety and Health Administration issued 37% fewer citations to solid waste operations, public and private, last year than in 2008.

Last year the agency assessed \$250,000 in fines compared to \$333,000 in 2008. As in previous years, violations of the Hazard Communication, Lockout-Tagout and Respiratory Protection standards were the most common violations. 

From PUBLIC WORKS News Service
Publication date: January 20, 2010
By Michael Fielding



Heard on the Street...

The Chester County Solid Waste Authority (CCSWA) is about to embark on a Post Closure Solar Power Demonstration Project at the Lanchester Landfill. The landfill is located in Honey Brook Township, Chester County, and Caernarvon

Township, Lancaster County. An initial demonstration project is anticipated to utilize a solar powered installation on a closed portion of the landfill. An RFP for consultant assistance in all phases of the project from planning and

permitting to funding and construction was posted in early January; stay tuned for progress updates on this project as CCSWA advances to implementation. 

Lancaster County Solid Waste Management Authority and PPL Renewable Energy Partner on Wind Project

On February 5, 2010, LCSWMA and PPL Renewable Energy (PPLRE) executed their lease agreement to co-develop a wind energy project to install two 1.6MW GE wind turbines adjacent to LCSWMA's Frey Farm Landfill. The project will provide approximately 25% of neighboring Turkey Hill Dairy's annual electric needs (7.76 million kWh/30 million kWh used) and the Dairy has agreed to buy all power output for 10 years.

The \$9.5 million project includes a grant of \$1.5 million from the Pennsylvania Energy Development Authority (PEDA) and a 30% capital investment tax credit from the Federal American Recovery and Reinvestment Act.

LCSWMA and PPLRE's 25-year lease agreement includes a 10 year loan of \$4.65 million from

LCSWMA to PPLRE at 6% interest, allowing PPLRE the option in year 10 to pay back the \$4.65 million principal or exit the project; and provides LCSWMA 12.5% of gross energy revenues for 25 years. In 2007 LCSWMA and PPLRE began investigating the viability of a wind project based upon the unique micro-sitting opportunity of the combination of landscape and having the Turkey Hill Dairy right next door to purchase the energy generated by the wind turbines.

In June of 2007, a 60 meter meteorological tower was installed at Frey Farm Landfill and gathered data for 22 months. A sonic detection and ranging (SODAR) unit was also installed to test the wind shear value. The two studies determined there was an aerial wind speed of 14.5 mph, enough to make the project economically

viable. Based on this data, LCSWMA and PPLRE decided to move ahead in March 2009.

This is LCSWMA's third renewable energy source and their second partnership with PPLRE. LCSWMA and PPLRE originally partnered in 2005 to install a methane gas-to-energy system on Frey Farm Landfill. This is PPLRE's first wind energy project.

"This wind project with PPLRE is another example of the Authority's continued effort to use its facilities and assets to provide renewable energy," said James Warner, LCSWMA Executive Director. "We are committed to our mission of managing solid waste and recyclable materials in an environmentally safe, reliable and efficient manner including providing renewable energy whenever possible."

The wind turbines are scheduled for construction this summer with a start up in the fall. 🌍

Submitted by Jennifer Rose, Communications Manager at LCSWMA. For more information on LCSWMA, please visit their website at www.lcswma.org.



CCSWA Donates to the SWANA Scholarship Fund



Bob Schollenberger (CCSWA Chairperson) and Bob Watts (CCSWA Executive Director) hand a check to SWANA Scholarship Chairperson Robert Zorbaugh during the mid-winter SWANA meeting February 4, 2010 in Harrisburg.

At this year's Mini Technical Seminar in Harrisburg, Chester County Solid Waste Authority (CCSWA) donated \$544.79 to the 2010 SWANA Scholarship Fund. CCSWA has

Keystone Chapter, CCSWA is pleased to be able to answer President Raudenbush's request for help funding the scholarships for 2010.

been the host of a wireless internet tower since 2002 that supplies high speed internet service to CCSWA and other local businesses. As the host, CCSWA receives a monthly royalty for hosting the tower and supplying its electricity needs. CCSWA donates these monthly royalty checks to local charities. As this year has been a financially challenging year for the

To date, CCSWA is the only member to specifically assist the scholarships, although other members are providing other assistance to the Chapter.

The electricity from the tower is often supplied by the homeowner sized wind turbine that is also located at CCSWA's Scenic Overlook located on top of a closed portion of the Lanchester Landfill in Honey Brook, PA. This park-like facility has seen picnickers enjoying the view. The Scenic Overlook has been open to the public on Sundays, May through October from 1:00 p.m. until 5:00 p.m. 

Submitted by Bob Watts, Executive Director, CCSWA, www.ChesterCSWA.org

Chapter Mid-Year Meeting in Harrisburg

More than 60 members and visitors assembled at the Harrisburg Hilton on 4-FEB to network and get the latest scoop about certain PA Department of Environmental Protection (PA DEP) assignments and new policy considerations. This was followed by an energetic Keystone Chapter meeting with a HMI meeting on the other side of the room. The unfortunate part of the meeting is that PA DEP staff was

recalled to the office shortly after the meeting began to work on some regulatory emergency. From what was presented, here is a short summary of what we heard... (yes we are being blunt, but the PA DEP staff can write the next article).

Dave Allard spoke about strontium in landfill leachate and confirmed that the recorded concentration levels appears to have peaked so the

solution here is to continue to rely on dilution since there is no effective treatment technology.

Allard also addressed the radioactivity of drill cuttings and frac water resulting from drilling in the Marcellus Shale. The current storyline is that the material is a naturally occurring uranium and thorium albeit removed from its depth in the ground and that

Landfill Gas (LFG) to Electric: Member Debate

Chapter Member Bill Stullken (SECCRA) recently brought an air permitting issue in front of the Chapter. It seems that SECCRA is attempting to complete an air permit for its third landfill gas engine. The southeast region of PA DEP is advising SECCRA that formaldehyde testing/modeling is going to be required for the landfill gas to energy project prior to the permits being issued to build and operate the third engine. SECCRA is expressing concern that this action is a PA DEP "11th hour" rule change in the permitting process and jeopardizes SECCRA's schedule.

Stulken is requesting the Chapter Board to discuss this and see what it can do to get the PA DEP to go through due process on regulating this. This issue about formaldehyde seems to have popped up out of nowhere. Some background is that SECCRA received a million dollar grant to install a third landfill gas engine and the schedule is very tight due to federal stimulus money being involved. The PA DEP request to install additional emission control devices and the stack testing along with permitting delays by itself may be enough to sink the project for a third engine.

The Chapter Board did take action to do additional research for action at the March Board meeting. It is unfortunate that Mr. Stulken was

not aware of the formaldehyde issue before this time since other members were aware of the topic matter. The issue of hazardous air pollutants (HAPs) is not new to PA. This has been a huge issue for PA DEP in recent time. The formaldehyde emissions from these engines are, according to PA DEP, quite high. The low stack height and the fact that formaldehyde is a carcinogen make it a very difficult situation for US EPA and PA DEP to issue an air permit for LFG engines. The alternatives being bantered around include catalyst oxidation for emission control or performance of a demonstration that 1) the project is a minor source for HAPs and 2) an inhalation risk assessment based on the specific engine location presents no undue public health risk. Presenting a defense for PA DEP on this topic, awareness of a health impact issue means that it is incumbent upon PA DEP to protect the public health.

SECCRA may be the PA poster child for this HAPs issue to be debated openly so that the industry can make a decision on how to move forward on LFG projects. This is an EPA issue which is forcing PA DEP (& MD & NY too!) to do what has been in the air regulations for some time and not being enforced in EPA regions 2 & 3. EPA has been VERY testy about LFG HAPs of late and is not

backing off from enforcement by the state programs having primacy. This is not a new issue, just an ignored issue by many in our industry including the regulators.

Here is some additional background for those who are not close to this issue. The air toxics (or HAPs) appear to become a permitting problem when a project goes to a 3rd engine and is definitely a problem with a 4th engine. This issue is definitely impacted by the project location that is deemed non-attainment. As an alternative, PA DEP has made it very easy for the industry to avoid this HAPs issue in LFG fueled internal combustion engines with its general permit for gas turbines. To complicate matters, US EPA is about to issue new air emission requirements for stationary reciprocating internal combustion engines (RICE). New RICE rules are due from EPA on 10-MAR with the enforcement date of 10-MAR and 10-AUG rules with an enforcement date for new engines as of 1-JAN-2011. It appears the industry is in difficult times for LFG engines.

SWANA Keystone is working with PWIA to address this issue with PA DEP staff. The group has a meeting scheduled in March to clarify the permitting requirements and remove some of the confusion surrounding the issues to obtain PA DEP approvals. 

Scout Troop 33 Builds Bird Boxes for Grand Central's Wildlife Habitat



Pen Argyl, February 20, 2010

Spring is just around the corner and Bluebirds will soon be nesting in Grand Central Sanitary Landfill's bird boxes. Thanks to the boys in Scout Troop 33, the Bluebirds, House Wrens and Tree Swallows will all have a box to call home. Grand Central began their nest box project in 2005 with a handful of bird boxes. The scouts soon teamed up with the wildlife habitat committee at Grand



Central and began erecting boxes around the landfill. More than 70 Bluebird boxes can be found around the 534-acre property and Troop 33 built them all.

"Over the last few years, our bird box program has grown significantly with

more scout troops getting involved. In 2009, we had girl scouts build several boxes too. Many of their boxes are around the Environmental Education Center, which sits on property adjacent to the landfill," said Adrienne Borger, Community Relations Coordinator.

The scouts met at the Grand Central Environmental Education Center to



construct 15 more boxes for the landfill. The new boxes will replace worn and weathered ones. The scouts earn community service hours for their hard work.

The scouts branded their boxes with the number "33" to identify them in the habitat area. Even Waste Management's Adrienne Borger constructed a box. "It was a lot of fun! The boys helped me along."

Troop leader Chris Witmer encourages the scouts to get involved with environmental projects, because it provides hands on



learning. "By working with Waste Management, the Scouts have learned about land conservation, wildlife species and their backyard environments. Grand Central and the scouts have worked together to develop environmental projects that provide the boys with community service hours, meeting Scout requirements. Some of our boys have even completed their Eagle Scout projects at Grand Central, which have become a part of their wildlife habitat initiatives," said Witmer.

Grand Central recently acquired Wildlife at Work re-certification through the Wildlife Habitat Council. 

Submitted by Adrienne L. Borger, Grand Central Sanitary Landfill

Pennsylvania Bans Mercury Thermostats

By Richard Hergenroeder, P.E, Covanta Energy Corporation



Photo from the Pennsylvania Dept. of Environmental Protection website http://www.portal.state.pa.us/portal/server.pt/community/universal/14083/mercury-free_thermostat_act/623272

The Commonwealth of Pennsylvania Mercury-Free Thermostat Act bans the sale, installation and disposal of mercury thermostats effective December 8, 2009. A goal of the Act is to give wholesalers, contractors, retailers, service technicians and homeowners a convenient opportunity to recycle out-of-service mercury thermostats. The ban only applies to old thermostats removed from service and intended for disposal. The ban does not affect mercury thermostats currently in use and these do not need to be pulled from service. The Commonwealth has accepted plans to collect and recycle thermostats from two organizations, the Thermostat Recycling Corporation and EWC Controls.

Thermostat Recycling Corporation (TRC)

According to the Thermostat Recycling Corporation's Mercury-Switch Thermostat Collection and Recycling Plan ([pdf](#)), the company has voluntarily collected and recycled mercury-switch thermostats since their program's inauguration in nine states in 1997. TRC was founded by Honeywell, White-Rodgers, and General Electric and represents 25 manufacturers that distributed more than 60 brands of mercury switch thermostats. Pennsylvania Household Hazardous Waste (HHW) collection sites, retailers and wholesalers of heating, air conditioning (HVAC), electrical systems, or plumbing products and accessories are eligible to participate in the TRC program as collection locations. Pennsylvania contractors that service/maintain heating, air conditioning, electrical or plumbing are also eligible to participate as collection locations.

TRC provides recycling containers to participating facilities for a modest, one-time participation fee. Each container is shipped with program guidelines, a plastic liner, twist ties for sealing the liner, zip ties for sealing the container, and a

pre-paid universal waste shipping label for return shipment. Upon receipt of a container, the empty container is returned with guidelines, a new liner, zip and twist ties, and a pre-paid universal waste shipping label. Participation forms are available on TRC's website www.thermostat-recycle.org and are also available upon request by calling the TRC toll free line at 1-800-238-8192.

EWC Controls

EWC Controls manufactures forced air zone controls. Some of EWC Controls' products contain thermostats produced by other manufacturers with the EWC Controls brand name on the product. EWC Controls customers who are not participating in the TRC program can recycle mercury thermostats through the EWC Controls' program and should access their website at www.ewccontrols.com for details.

Covanta Energy Corporation

The author, Richard Hergenroeder, P.E., is Covanta Energy Corporation's Director of Environmental Science and Community Affairs in its Mid-Atlantic Region. Covanta operates energy-from-waste facilities in Dauphin,

News You Can Use...Legislative Report - February 2010



Federal:

January 22, 2010

Waste-To-Energy Developments

Sen. Byron Dorgan (D-N.D.), the third ranking Democrat in the Senate, contradicted his party's assertions that a climate change bill can pass this year, saying that there won't be enough political will left to undertake such a contested bill after the health care process plays out. "It's my assessment that we will not do a climate bill, but that we will do an energy bill instead," Dorgan said.

"The energy bill will be climate-friendly." The energy bill was passed in June by the Senate Energy and Natural Resources Committee on a bipartisan vote. It includes a requirement for utilities to increase the amount of renewable energy to generate power, including waste-to-energy. Dorgan is among a number of moderate Democrats and

Republicans who have, for months, urged Reid and President Obama to shift to a stand-alone energy bill this year, given the economic recession and election-year politics. The Energy Recovery Council supports passage of a stand-alone energy bill that includes a renewable portfolio standard that recognizes waste-to-energy as renewable. 

January 29, 2010

Energy Recovery Council Weekly Update

The Obama Administration formally embraced the Copenhagen Accord on global warming this week, a day after the president urged a fractious U.S. Congress to get to work on comprehensive legislation to stem the nation's emissions. The Administration gave notice to the United Nations that the country will aim for a 17 percent emissions cut in carbon dioxide and other gases

blamed for global warming by 2020, from 2005 levels.

Trying to lead by example, President Barack Obama directed the federal government to reduce greenhouse-gas emissions 28 percent by 2020. The federal government is the single largest energy consumer in the U.S., spending more than \$24.5 billion on electricity and fuel in 2008, the

administration said in a statement. Meeting the targets would reduce federal energy consumption by the equivalent of 646 trillion BTUs, equal to 205 million barrels of oil, and taking 17 million cars off the road for one year, according to a statement from the White House press office. 

News You Can Use...Legislative Report - February 2010

Pennsylvania: Governor Cuts \$5 Million More From Environmental Agencies

The week of January 29, 2010, Governor Rendell announced \$5 million in additional cuts to the departments of Environmental Protection and Conservation and Natural Resources as part of a package of \$161 million in additional

cuts he said in December were needed to help balance the state budget in the face of declining state revenues.

These cuts are on top of the drastic cuts the agencies received in the

2009-10 budget. The cuts suffered by DEP now total \$61.8 million and for DCNR \$22 million totaling over \$83 million for the fiscal year. A detailed List of Cuts is available at <http://www.crisciassociates.com/Newsletter/docs/3/170MilCuts.pdf>. 

Long-Time Democratic Chair of Senate Environmental Committee Ray Musto To Retire



Sen. Ray Musto (D-Luzerne), long-time Democratic Chair of the Senate Environmental Resources and Energy Committee,

this week (Jan. 29, 2010), announced he will retire from the Senate at the end of his current term.

"After nearly 40 years of public service to the citizens of the northeast and seven terms serving the 14th Senatorial District, it is time to retire from the Senate," Sen. Musto said. "I have been fortunate and blessed, and I am grateful for all the kindness that has been extended to me over the years."

For many years Sen. Musto has been regarded as a leading voice on environmental issues in the Senate and as a fierce advocate for his district. He has been involved in the passage of every major state environmental law and program for the last 30 years. 

What is it??

The image on the left is the Chinese Language character for "Happiness". The image on the right is the USA image for placing litter in its place, i.e. "do not litter". Without knowing Chinese, member Robert Hasemeier quipped, "Happiness is placing litter where it belongs."

There is a Chinese character for "double happiness or much happiness" and you guessed right if it looks like a person on each side of a litter basket.



News You Can Use...Legislative Report - February 2010

BILL #	Description	Status
H.B. 80 (S.B. 92)	Creates a carbon sequestration network and expands the Alternative Energy Portfolio Standards.	Removed from table January 26, 2010
H.B. 594	Provides a PA DEP program for home-generated medical sharps.	Passed House June 6, 2009. Referred to Senate Public Health and Welfare Committee June 11, 2009.
H.B. 961 (S.B. 886)	Extends \$2.00 per ton recycling fee through December 31, 2015.	Incorporated with H.B. 1768. Referred to Senate Appropriations Committee. October 1, 2009
H.B. 1069 (S.B. 887)	Authorizes a per ton MSW fee of up to \$4.00 for participating counties.	Recommitted to Appropriations Committee May 6, 2009.
H.B.1447	Prohibits solid waste facility siting within 2,400 feet of a public water supply.	Referred to Environmental Resources and Energy Committee May 6, 2009.
H.B. 1577	Increases maximum annual household hazardous waste collection grants to \$150,000 for counties with populations of 250,000 or more.	Referred to Environmental Resources and Energy June 2, 2009.
H.B. 1768	Extends \$2.00/ton recycling fee through 2020. Provides \$1.25 from recycling fund for tire remediation. Adds "adjacent municipality" designation for requesting municipalities within one mile of landfill or Resource Recovery Facility footprint with inspection, training, reporting receipt and benefit fee negotiation rights.	Referred to Senate Appropriations Committee October 1. Re-reported as committed, October 9, 2009.
H.B. 2218	Extends the Recycling Fund \$2.00 per MSW ton fee from its current sunset date of December 31, 2012, until December 31, 2020. This bill contains no special used tire set aside.	Referred to Environmental Resources & Energy Committee, January 20, 2010.
S.B. 92 (H.B. 80)	Establishes a carbon sequestration network and expands the Alternative Energy Portfolio Standards.	Referred to Environmental Resources and Energy Committee March 19, 2009.
S.B. 547	Provides additional penalties for repeat violations of landfill regulations and requires compliance certifications for permit modifications and expansions.	Re-referred to Appropriations Committee June 23, 2009.
S.B. 886 H.B. (961)	Extends the \$2.00 per ton recycling fee through 2020 and authorizes \$1.25 million from the fund for used tire remediation.	Incorporated with H.B. 1768. Referred to Senate Appropriations Committee October 1, 2009. Re-reported as committed, October 9, 2009.
S.B. 887 H.B. (1069)	Authorizes up to a \$4.00 per ton MWS fee for participating counties.	Referred to Environmental Resources and Energy Committee May 27, 2009.

"Mercury" continued from page 8

Delaware, Lancaster, Montgomery and York counties where it can process 7,908 tons of municipal waste daily. Mismanaged mercury can be toxic and can bioaccumulate in mammals and fish. As a component to the company's Clean World Initiative, Covanta Energy has partnered with its clients to help remove

mercury from the waste stream and the environment.

Information and the photo used in this article can be found at the following websites:

Pennsylvania Department of Environmental Protection – <http://www.portal.state.pa.us/portal/server.pt/community/>

[universal/14083/mercury-free_thermostat_act/623272](http://www.universal/14083/mercury-free_thermostat_act/623272)

Thermostat Recycling Corporation – <http://www.thermostat-recycle.org/>

EWC Controls – <http://www.ewccontrols.com/> 

SWANA Pennsylvania Keystone Chapter Calendar



Information about Keystone Chapter officers and calendar can be found at the Chapter's website <http://www.keystoneswana.org/>. Some events to plan for include:

APRIL 2010

- Announce Chapter Scholarship awards
- Earth Day "40"

MAY 2010

Nominating Committee presents slate of Officers and Directors for election. If interested in a position, please send an email to Kay Dougherty at kdougherty@keystoneswana.org.

JUNE 2010

- Email registration announcement for Annual Fall Conference
- 6/7 - 6/10 MOLO course, Holiday Inn, Morgantown, PA
- 6/10 - Reception for 7th Annual Mid-Atlantic Regional Road-E-O participants and judges at Holiday Inn, Morgantown, co-hosted by Conestoga and Lanchester Landfills
- 6/11 - Annual Mid-Atlantic Regional Road-E-O (with Mid-Atlantic, New Jersey and New York Chapters) co-hosted by Conestoga and Lanchester Landfills (see below)
- Submit articles for summer newsletter

AUGUST 2010

- 8/14 - 8/18 - WASTECON 2010 Boston, Massachusetts (Co-locating with the American Public Works Association's Annual Congress and Exhibition)

SEPTEMBER 2010

- 9/8 - 9/9 - PWIA/SWANA/PADEP/PAHMI Annual Fall Conference, Hilton Hotel, Harrisburg PA (See info on the 12th Annual Conference on the next page).
- 9/8 - Chapter Annual Business Meeting and Election, Hilton Hotel, Harrisburg PA
- Submit articles for fall newsletter

2010 Mid-Atlantic Regional Road-E-O

The 2010 Mid-Atlantic Regional Road-E-O is being hosted by Republic Services' Conestoga Landfill on June 11, 2010. The Road-E-O will kick off Thursday, June 10, 2010 with a Welcome Buffet at 5:00 p.m. at the Morgantown, PA Holiday Inn.

The truck portion of the Road-E-O will be held at the Holiday Inn parking lot.

The first and second place finishers in each event will qualify for the International SWANA Road-E-O that will be held in Arizona later in the year.

As in past years the Road-E-O Committee is looking for help organizing the event, judges and volunteers the day of the event and sponsors of the event. If you can help in any way, please contact Bob Watts at 610 273-3771 ext. 227 or BWatts@ChesterCSWA.org. 

*Just prior to the Road-E-O event and also at Morgantown, PA, there will be a SWANA MOLO training course featuring **Chris Campman** of Barton & Loguidice as one of the instructors. Come enjoy and learn from Campman's four decades of landfill experience and his entertaining method of delivery while you earn CEU credits and prepare for the SWANA MOLO exam.*

Enforcement Officer Rodney Fye Finds New Ways to Reach the Community

Although I am not the first Enforcement Officer that the Centre County Solid Waste Authority has had, after completing the PA CleanWays Survey of Illegal Dumps for Centre County in 2008, I felt the need to introduce myself and let all 35 Municipalities know who I am and what I do.

The short Power Point Presentation titled "Who I Am & What I Do" was developed with the intent of doing three things.

1. Introduce myself to the Municipal leaders and concerned citizens of the community they serve.
2. Address specific sites within their community.
3. Suggest remediation strategies,

like partnering with organizations such as the ClearWater Conservancy & PA CleanWays to put an end to the illegal dumping of municipal waste in our County.

In the past year I have attended 17 Borough and Township meetings, and addressed 21 of the 56 sites in the County. With the assistance of not only the organizations mentioned above but many volunteer hours by individuals and organizations like Boy Scout Troops, PA Game Commission, Trout Unlimited, & folks I call "my near- do-wells", that is people nearly doing well, (community service volunteers). We have made a small dent in what some see as a small problem. I have a new

acronym for the people who choose to think of this as small or not a problem: **P.I.G.S.** People Ignoring Garbage Sites. We can not let the PIGS win!

The Centre County Solid Waste Authority has employed an Enforcement Officer since 1990 for policing flow control and illegal dumping activities in the county and is one of the only Authorities in Pennsylvania to continually employ an officer.

Rodney K. Fye

CCSWA

Wisdom is knowing what to do next;

Virtue is doing it. (David Starr Jordan) 



12th Annual Pennsylvania Waste Industries Conference with SWANA Keystone Chapter

The 12th Annual PWIA/SWANA Conference will be September 8 and 9, 2010 at the Harrisburg Hilton, One North Second Street, Harrisburg PA. Individuals interested in making presentations should provide an abstract of less than 200 words to George Barstar, conference chair at George.barstar@shawgrp.com no later than March 30. Vendors interested in exhibiting at the conference trade show or being

sponsors should also contact Mr. Barstar.

Conference hotel rates will be \$109.00, Single Occupancy or Double Occupancy, plus taxes. Conference block will be held through August 8 and the conference rates will apply to stays 3 days prior to the conference arrival date and 3 days following the conference departure date. 

Geosynthetic Institute: Course #1 Mar. 22, 2010 Geosynthetics in Waste Containment Liner and Cover Design

Goal: This one-day course is focused on the proper design, analysis, and testing of geosynthetics used in liner and cover systems for landfills, surface impoundments and waste piles and heap leach pads. Included are the following geosynthetics:

geomembranes • geotextiles • geonets •
geogrids • geosynthetic clay liners •
geocomposites, and • geopipe.

Course Benefits: The course provides the latest information on design, analysis, and testing of geosynthetics in solid waste containment. Included are considerations regarding both hazardous and non-hazardous materials. The thrust is design-by-function that leads to the determination of a factor of safety. Numerous examples are utilized to illustrate different design procedures. Thus, a quantitative approach toward proper design of geosynthetics in this important environmental area is presented. Course notes are provided.

Instructors: Bob and George Koerner

Targeted Audiences: Federal, regional, and state EPA regulatory agencies; Dept. of Defense and Dept. of Energy personnel with abandoned (and new) sites involving solid waste disposal problems; private and municipal landfill owner/operators; consulting engineers and testing laboratories servicing these organizations; academic and research groups; manufacturers and representatives of geosynthetic materials; contractors and installers of geosynthetic materials; citizens groups and others desiring technically related information on liners and covers for landfills, surface impoundments, waste piles, and heap leach mining.

Geosynthetic Institute: Course #2 Mar. 23, 2010 Quality Control/Quality Assurance of Geosynthetics Installation

Goal: This one-day course is focused on the quality control and quality assurance of geosynthetics as placed in permanent and/or critical applications. Specifications and testing are emphasized. It focuses on both the manufactured geosynthetics and on the installation processes. Applications are mainly in the waste containment area, i.e., landfills and surface impoundments, but applicability to walls, slopes, dams, canals, mining, etc., will also be discussed. Included are the following geosynthetics:

geomembranes • geosynthetic clay liners •
geosynthetic drainage systems (geotextiles
and geocomposites) • vertical cutoff walls •
ancillary materials and appurtenances

Course Benefits: The course provides the latest information on manufacturing and installation of all types of geosynthetics. It follows closely the 2nd Edition of U.S. EPA Technical Guidance Document (EPA/600R-93/18) of the same title as this course. The guidance document has been updated in 2007 by

the course presenters. The updated information is included. Included are manufacturing QC and QA, as well as construction QC and QA. The course is very descriptive with numerous example situations and case histories. It is illustrated by current test methods and procedures. Course notes are provided.

Instructors: Bob and George Koerner

Targeted Audiences: Manufacturers and representatives of geosynthetic materials; as well as installers and contractors; manufacturing and construction quality assurance organizations; owners of facilities; engineering consultants; federal, state and regional agency personnel (both environmental and transportation).

Go to
[www.geosynthetic-
institute.org](http://www.geosynthetic-institute.org)
for further information
and registration.

“Chapter” continued from page 5



Member Tim Hartman and Mark Brown, Legislative Research Analyst for the PA House of Representatives pause for a photo at the Mid Year Meeting.

PA DEP’s current position is “what’s the problem, it’s natural”.

Mike Texter and Laura Henry attempted to fill the missing shoes of Steve Socash by discussing new legislation to redefine adjacent municipality as being located within one mile of a SWM facility. The new coal regulations are anticipated to be rolled out mid-2010. The remainder of the PA DEP presentation concentrated on the effects of the \$2 recycling fee which sunsets in 2011. Elimination

of the fee will end recycling performance grants (904 funds), county SWM planning grants, state

contributions for host inspectors, tire clean up activities, and will end the completion of the illegal dump survey; approximately 30 counties remain to be completed.

The Chapter was fortunate to have visitor Mark Brown, Legislative Research Analyst for the PA House of Representatives present to discuss some legislation of interest to the membership during the remainder of our conference time.

The Chapter’s legislative report by member Tim Hartman is included in this newsletter. 

The Keystone is Now Accepting Advertisers in Support of the SWANA Keystone Chapter!!

The Keystone is now accepting advertising in support of SWANA Keystone Chapter activities. Ads can be color or black and white. The rate schedule is shown at right.

Please coordinate advertising with Diane Roskos of Barton & Loguidice. The Newsletter Committee prefers camera-ready .jpg or PDF artwork, but for an additional \$25, Barton & Loguidice will create an ad for you (\$50 for a whole page advertisement). Just supply your logo, what you'd like the ad to say, and company contact info (address, phone number, website). Support the SWANA Keystone Chapter! 

Size/Cost	Dimensions
Business card \$75 (3 or more issues, \$60 per issue)	3.5 L x 2 H
1/4 page \$150 (3 or more issues, \$125 per issue)	3.5 L x 5 H
1/2 page \$250 (2 or more issues at \$200 per issue)	7.75 L x 5 H OR 3.5 L x 10.5 H
Whole page \$450 per issue (2 or more issues at \$400 per issue)	7.75 L x 10.5 H

Ads are due the first of the month preceding publication.

► 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 **Diane Roskos** at Barton & Loguidice, Newsletter Secretariat Production Services, or any member of the Newsletter Committee listed below:

Diane Roskos

Phone: 717-737-8326

Fax: 717-737-8328

droskos@bartonandloguidice.com

Judy Archibald

Phone: 215-269-2107

Fax: 866-220-8408

jarchibald@wm.com

Nancy Fromnick

Phone: 610-273-3771

Fax: 610-273-9870

nfromnick@chesteracswa.org

Jen Cristofolletti

Phone: 717-845-1066

Fax: 717-843-1544

j.cristofolletti@ycswa.com

George Barstar

Phone: 610-644-4943

Fax: 609-482-4992

george.barstar@shawgrp.com

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.*