



**SWANA**<sup>®</sup>

SOLID WASTE ASSOCIATION  
of North America

# Mid-Atlantic Chapter Solid Waste Association of North America

## SOLID WASTE NEWS For Waste Professionals

January 15, 2008

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### President's Message

By: Steve Lippy

My most significant report is actually in another article about George L. Winfield. He ably served on the Board in the 80's, after which others took his place. That is what needs to be done. After people retire, change jobs, reprioritize their lives, or just tire of the responsibilities of being on the BOD, or even die, we need new blood, new talent, new enthusiasm, in order to keep this Chapter going for another 25 years in our effort to provide educational, professional and networking opportunities for all of us in the solid waste management field in Maryland, Delaware, and D.C.

Hope to see everyone sometime during the year.

### Crab Feast Sponsorship

Frank Henderson has already lined up several sponsors for our annual crab feast to be held on June 14<sup>th</sup> at Sandy Point State Park near the Chesapeake Bay Bridge.



We are open to sponsors having tabletop displays and/or other promotional activities.

### Operator of the Year Award

The deadline for the 2008 Operator of the Year Award will be September 2, 2008. A standardized form for nominating your personnel is available on the Chapter website. The criteria are also on the Chapter website. Nominations should be submitted to Jerry Scanlan by e-mail at [gpscanlan@harfordcountymd.gov](mailto:gpscanlan@harfordcountymd.gov) or fax to 410-638-4019.

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# George L. Winfield

By: Steve Lippy

Many of you are aware from the Sun or TV or other announcements that George L. Winfield, the Director of Public Works (DPW) of Baltimore City, died on December 1 after hospitalization due to a stroke. Not mentioned is that he was a founding father of our Mid-Atlantic Chapter of the Governmental Refuse Collection and Disposal Association (GRCDA) [renamed the Solid Waste Association of North America in the 1990's].

In 1983 Lanny Hickman (Executive Director at GRCDA) hosted a meeting of "at-large" GRCDA members in this area in order to establish a chapter. Individuals volunteered to be directors; someone, to be Secretary/Treasurer. I looked at George and said if he would be Vice-Chairman of the provisional chapter, I would be Chair. After the Chapter was officially installed, I was then elected President and George my Vice President, from 1984 to 1985. George was President in 1986, Past President in 1987, and Director in 1988. George and I were co-chairs of the local committee of the 1988 International GRCDA Exposition held in Baltimore. [We of course had one of the best Wednesday night parties ever.] While he moved up the ranks of DPW in Baltimore City, he remained a member of SWANA and promoted SWANA, as he was instrumental in ensuring that in both 1995 and 2001 we had co-chairs and assistance from the City when SWANA hosted two more International Conferences in Baltimore.

Before attending his funeral service on December 8, I envisioned what I would say if I were giving an eulogy. Words like integrity, trustworthiness, courtesy, honesty came to mind. That was the theme that Saturday morning: George was indeed a good man who will be missed.

Our heartfelt condolences go out to his wife of forty years, Ruby; his daughter, his two sons (and their wives), as well as four grandchildren.



Steve Lippy, Frank Henderson and George Winfield  
at Wastecon 2004 in Phoenix

*"George was a founding father of the Mid-Atlantic Chapter of the Governmental Refuse Collection and Disposal Association (GRCDA), which later became known as the Solid Waste Association of North America (SWANA)."*

## In Memoriam

The Board of Directors on December 12 agreed to place on our website, an "In Memoriam" section, to honor those who were active in our Chapter, during its formulative years or after.

In addition to George Winfield, information on Parker Andrews of Anne Arundel County will be posted.

Are there others who should be so noted? If so, contact Steve Lippy.

# Chapter Board of Directors' (BOD) Meeting

On December 12, all but three Board members made the meeting at the Howard County, MD government building in Columbia. Thank you to Niti Blackwell and Evelyn Tomlin for coordinating the meeting and subsequent lunch.

Significant items include:

- Annual Chapter financial report and audit should be completed and submitted to SWANA in December.
- We will contact the Maryland Recyclers Coalition (MRC) in regard to coordinating the joint conference to be held on June 25-26, 2008 at the Student Stamp Union Building, University of Maryland in College Park, MD. [If interested in planning for this, contact Robin Ennis, Dana Murray, or Mike Houlihan.]
- MOLO (January 15-18, 2008) – Approximately twenty-nine registrations to date. The instructors will be Pete Bieniek of Cecil County and Robert Hasemeier of Barton-Loquidice.
- 2008 Board meetings (tentative)
  - February 13 at MES Office – To be followed with round table discussion.
  - April 16 at Cecil County – To be followed by tour of Cecil County residents' drop-off center.
  - June 18
  - August 13
- Crab feast date is June 14 at Sandy Point State Park, MD.
- Corporate section in newsletter – If a corporate member wishes to submit an article on a solid waste subject of interest, particularly in this area, or on his/her customer, with a brief corporate profile, it should be submitted to [swright@nmwda.org](mailto:swright@nmwda.org). If a corporate promotional article is desired, then there will be a cost.
- Chapter scholarships will now be available for students who work part-time (either paid or volunteer) within the past year in the solid waste field and are sponsored by a Chapter member. The website will be updated with the 2008 application, which will be due by May 1, 2008.
- Silver Anniversary – Frank Henderson, our “party guy,” is chairing a committee to celebrate our 25<sup>th</sup> year as a GRCDA/SWANA Chapter.
- The Board authorized the Chapter President to send a letter to U.S. Senators involved with the National Railway oversight of the transfer stations on rail lines to support the position that the transfer stations should not be exempt from state and local solid waste regulatory permits. The bill's title is Clean Railroads Act of 2007.
- Having an “In Memoriam” section on the website was approved [See article on page 2.]

## Reminders / Wanted

- ◆ **“Reporters”/writers for our Chapter newsletter.**
- ◆ **Important Websites to Remember:** [www.swana.org](http://www.swana.org), [www.swana-midatl.org](http://www.swana-midatl.org) & [www.mdrecycles.org](http://www.mdrecycles.org).
- ◆ **Training the Trainers:** Contact a Board member if interested in being trained to be a trainer for a SWANA course.
- ◆ **SWANA E-sessions:** If your organization presents e-sessions, make them a Chapter event so that all attendees can get CEU's. Contact Steve Lippy or Dana Murray or Shirl Wright.
- ◆ **Job Vacancies in your Organization:** Contact [swright@nmwda.org](mailto:swright@nmwda.org) for inclusion in our Chapter newsletter.
- ◆ **Articles, information, recent/on-going projects of interest, active purchase orders, etc.:** Contact [swright@nmwda.org](mailto:swright@nmwda.org) to be placed in our Chapter newsletter.
- ◆ **Scholarship Sponsors:** Contact Steve Lippy, Mehal Trivedi, Hallie Clemm or Aigen Zhao.
- ◆ **Name(s) of Prospective SWANA Members:** Contact either our Chapter Membership Chair, Aigen Zhao ([azhao@tenax.com](mailto:azhao@tenax.com)) or Dave Hernandez at SWANA ([dhernandez@swana.org](mailto:dhernandez@swana.org)), or direct the prospective member to SWANA's website ([www.swana.org](http://www.swana.org))
- ◆ **Newsletter Ads:** These are business card size ads only (2" x 3.5"); \$100 for 4 issues. Send your business card or a JPG file and a check made payable to: Mid-Atlantic Chapter of SWANA and mail to Shirl Wright at NMWDA, 100 S. Charles Street, Tower II, Suite 402, Baltimore, MD 21201-2705.

# Composting Presentations

By: Stephen T. Lezinski

The December 12, 2007 SWANA Mid-Atlantic Chapter board meeting was held in Howard County. In conjunction with the meeting, SWANA members were privileged to attend several presentations that focused on municipal solid waste (MSW) composting and organics recycling. These operations divert and process materials such as yard trimmings, wood waste, food scraps, and non-recyclable paper that would otherwise be landfilled to create a natural and sustainable soil-based product.

David Hill set the stage and provided an overview of MSW composting. MSW composting brings human intervention into the natural process of material decomposition by manipulating environmental controls and specifying holding/rotating times. These factors produce optimum conditions for microorganisms to turn raw organic matter into a stabilized end-product. Mr. Hill described several techniques for MSW composting that include: windrows, rotating drums, aerated static piles, vertical reactors or a combination approach. One of Mr. Hill's final points emphasized the importance of reducing source material contamination (i.e. non-compostable or non-recyclable material). This can be accomplished by: 1) separating clean organic material at the household level; 2) separating contaminants at a centralized facility prior to composting; and 3) separating contaminants at a centralized facility after composting. By reducing the percentage of contamination, an operation can reduce the number of material handlings or "touches," which can save considerable amounts of time and overhead dollars. Mr. Hill is the Vice President of the U.S. Composting Council and the Principal of Cycle Logic, which is located in Bethesda, Maryland.

Alan Boehm offered a real-world perspective into the day-to-day operations at an organics recycling facility. The facility receives primarily yard debris and trimmings with select percentages of horse manure, food waste, and

clean, unused drywall. Operational efficiencies related to source material testing, acceptance, staging, processing, and packaging were discussed. Mr. Boehm reinforced the importance of reducing contamination by routinely testing and evaluating the source material to identify potential problem areas such as moisture retention. The organics recycling operations at Chesterfield Farms processes nearly 300 tons per week and produces a retail material called ECO soils, which can be used as a growing media for planting, bio-retention, stormwater management, and green roof soils. Mr. Boehm is the President of Chesterfield Farms, LLC, which is located in Crofton, Maryland.

Barbara Petroff provided the concluding presentation and summarized large-scale proactive efforts to reduce quantities of solid waste. For example, the European Commission (EC) Landfill Directive requires that by 2010 each member state or country achieve a 25% reduction of the recorded amount of organic materials landfilled in 1995. By 2020, a 65% reduction is required. Ms. Petroff noted that such initiatives require communities to create sustainable diversion programs geared toward MSW composting and organics recycling. Ms. Petroff highlighted specific technological advancements that included the IPS composting system, which has been successfully implemented in two plants in New York and South Dakota. The IPS system utilizes agitated bins with thermocouples to sense heat within each aerated zone, turns material on a pre-specified time interval, and uses biofilters for odor control. Each facility has achieved a recycling rate of 60% or greater in recent years. Ms. Petroff is a Business Development Specialist for Siemens Water Technology Corporation, which is located in Shrewsbury, Massachusetts.

Special thanks to David Hill, Alan Boehm, and Barbara Petroff for their informative presentations. SWANA attendees received one (1) continuing education unit (CEU) for attendance.

## SWANA Mid-Atlantic Round Table

After the Chapter's February Board meeting, we would like to host a round table discussion. The meeting will take place on February 13<sup>th</sup> with the Board meeting from 10:00 a.m. to noon and a lunch from 12 to 12:30. The round table discussion would immediately follow lunch. We think this would be a great opportunity for jurisdictions and private sector to discuss problems, concerns, and trends in solid waste management. We hope that people will find solutions during this brainstorming session. Please send suggested topics and possible panel leaders to Dana Murray at [dmurray@scsengineers.com](mailto:dmurray@scsengineers.com).

## Sponsorship Opportunities

Scholarship – Contact Mehal Trivedi at [mtrivedi@fredco-md.net](mailto:mtrivedi@fredco-md.net). Office Paper Systems (OPS) donates \$2,000 per year in memory of Kevin Stearman. Do you want to have a scholarship named for your company or an individual? The scholarship amount is "negotiable" (i.e., it can be less than \$2,000).

# Chapter Scholarships

In an effort to promote education and professional development, the Mid-Atlantic Chapter of the Solid Waste Association of North America established the Scholarship Awards Program.

The program is overseen by the Chapter Scholarship Committee. The **Chapter** must receive completed applications **no later than May 1<sup>st</sup>**. The Chapter Scholarship Committee is responsible for reviewing and selecting local winners, and forwarding **one representative for each scholarship category** (except category IA) who meet International eligibility to the International Scholarship Committee Staff Administrator **no later than June 1<sup>st</sup>** in order to be considered for an International award.

Applications and instructions are now available on the Chapter website ([www.swana-midatl.org](http://www.swana-midatl.org)), or electronically from Mehal Trivedi (301-600-3043, e-mail [mtrivedi@fredco-md.net](mailto:mtrivedi@fredco-md.net)).

## The criteria for selection:

Eligible candidates must be sons, daughters, grandsons or granddaughters of a Chapter Member (sponsor) in good standing as of May 1<sup>st</sup>. Chapter Members in the solid waste field who are students, and employees (full or part-time) in the solid waste field or their children or grandchildren if sponsored by a SWANA Chapter member are also eligible for Chapter only scholarships.

## Award categories:

### Category I:

Graduating high school seniors who have been accepted for enrollment in a junior college, a four-year college, or a university (any program).

### Category IA:

College or University Students entering their sophomore year.

### Category II:

Currently enrolled full-time college or university students who are entering their junior or senior undergraduate year and pursuing a degree in environmental science, engineering, or other suitable major related to the field of solid waste management.

### Category III:

University Graduate Students pursuing a degree in environmental science, engineering, or other suitable major related to the field of solid waste management.

## The typical value of awards:

<b>Category I:</b>	Graduating (graduate equivalent) High School Senior Award:	\$500-\$1,000
<b>Category IA:</b>	College or University entering their sophomore year:	\$500-\$1,000
<b>Category II:</b>	College or University Upper Level Undergraduate Award:	\$750-\$1,000
<b>Category III:</b>	University Graduate Student Award:	\$750-\$1,000

## The schedule for selection is as follows:

- May 1** - Deadline for submission of application materials to Chapter Scholarship Committee
- June 1** - Deadline for submission of Chapter candidates for review by International Scholarship Committee
- July 15** - International Scholarship Committee meets to select winners
- August 1** - Announcement of International Scholarship winners

# Employment Announcements

## Engineer II (Solid Waste) Refuse Disposal Division, Bureau of Solid Waste Management Department of Public Works, Baltimore County

Minimum qualifications - Bachelor's Degree in Engineering and two years engineering experience (qualifying education may be substituted for experience) or P.E. license. 35 hour work week, possible alternate or flexible work schedule, generous annual leave [12-25 vacation days (one day per month for first year), 15 sick days, 6 personal leave], 10 -11 holidays; educational, training, and professional opportunities. Salary effective July 1, 2007: **\$46,684 to \$58,032**, with longevity steps to \$74,142.

Various and diverse office and field duties involving engineering, environmental monitoring, and regulatory compliance associated with operations and construction projects at one active municipal sanitary landfill (owned and operated by the County), as well as at closed landfill sites (located throughout the County) and other County solid waste facilities, to include, but not limited to, performing civil design, administrating contracts and overseeing consultants and contractors, coordinating with other Bureau divisions and regulatory agencies, writing reports, performing site inspections, attending meetings with public and regulatory agencies.

For more information, please contact Stephen G. Lippy, P.E., DEE, Refuse Disposal Division Chief, 410-887-2009 or [slippy@baltimorecountymd.gov](mailto:slippy@baltimorecountymd.gov). Applications can be submitted on-line by visiting [www.baltimorecountymd.gov](http://www.baltimorecountymd.gov). Click on the "JOBS" tab in the right hand corner for a listing of current job vacancies. For information about County benefits, job description, and application, go to <http://www.baltimorecountymd.gov/Agencies/humanresources/jobs/index.html>.



**Past President Mike Houlihan  
was recently elected as a Fellow  
in the American Society  
of Civil Engineers**

## Membership Directory

Please let Aigen Zhao ([azhao@tenax.com](mailto:azhao@tenax.com)) know of any changes, additions, or deletions to either yours or someone else's contact information.

**Geosyntec**  
consultants



### Solid Waste Services

Siting/Permitting	Landfill Gas Management
Liner and Cover System Designs	Carbon/Emissions Trading
Leachate Management	Construction Management/CQA
Vertical and Lateral Expansion Design	Closure/Post-Closure Monitoring

Contact: Mike Houlihan  
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**We're on the Web!**  
[www.swana-midatl.org](http://www.swana-midatl.org)

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