



SWANA[®]

SOLID WASTE ASSOCIATION
of North America

Mid-Atlantic Chapter Solid Waste Association of North America

SOLID WASTE NEWS For Waste Professionals

March 12, 2007

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President's Message

By: Steve Lippy

The Chapter Board of Directors has/is/ will continue to meet to try to develop programs for our Chapter. Recently, on February 21, at the Tenax Corp. manufacturing facility in Baltimore where Tenax provided lunch and a tour; the next tour is on April 18 at the Delaware Solid Waste Authority's Cherry Island Landfill.

We are planning for a MOLO course to be held within the Chapter's geographical boundaries (probably Howard County), a joint MRC/SWANA conference, and an annual crab feast on June 16. Our annual scholarship program is underway; the annual Operator of the Year will be available again.

We can do more; however, we need volunteers.

If all goes well, we will be able to conduct some electronic surveys of our membership to see what you would like. We also hope to do our election with electronic voting, as well as doing electronic registration for events, as the Chapter moves into the 21st century.

If you ever have a question or issue or problem with SWANA, contact one of the officers or Board members. A complete listing of our contact information is on the Chapter website. Hope to see everyone sometime during the year!

Howard County News

Evelyn Tomlin has been appointed Chief of Bureau of Environmental Services for Howard County. Congratulations Evelyn!

Chapter Director's Report

Tom Houska participated on a January 25 Planning Committee and a February 7 Regional Council conference call. Please contact Tom for additional information.

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2007 Annual Scholarship Program

The Mid-Atlantic Chapter of SWANA once again will have a scholarship program for graduating High School Seniors, College and University Students entering their sophomore year, College or University Upper Division Undergraduate, and University Graduate Students, the latter two towards a degree in an environmental field. Study of the environment is a growing career field and the Chapter would like to promote the growth of this vital field of public service.

Scholarship eligibility is open to: (1) the son, daughter, adopted son or daughter, grandson or granddaughter of a Mid-Atlantic Chapter member; (2) the son, daughter, adopted son or daughter, grandson or granddaughter of an employee in the solid waste field in Washington, D.C., Delaware, or Maryland, and sponsored/nominated by a Mid-Atlantic Chapter member; (3) a Mid-Atlantic Chapter Member; and (4) an employee in the solid waste field in Washington, D.C., Delaware, or Maryland, and sponsored/nominated by a Mid-Atlantic Chapter member.

The deadline for submission of application materials is no later than Tuesday, May 01, 2007. All applications must be postmarked or hand delivered to: Division of

Utilities and Solid Waste Management, Attn: Vice President, Mehal Trivedi, DRC, 4520 Metropolitan Court, Frederick, MD 21704. The full scholarship criteria has been placed on the Chapter website www.swana-midatl.org. You may also contact Mehal for more information at (301) 600-3043 or mtrivedi@fredco-md.net.

For the 2007-2008 academic year, the total Chapter scholarship award may be up to as much as \$4,000 and/or up to \$1,000 in each category. This is the second year for the Chapter to be the beneficiary of a \$2,000 annual scholarship provided by Office Paper Systems; the Kevin Stearman Memorial Scholarship Award will be awarded to the highest rated applicant each year. This recipient will not receive a "Chapter" scholarship.

The applications of successful candidates who are eligible for the Flint International Awards will be forwarded to the SWANA headquarters as well.

Changes to the evaluation procedure for the Chapter Scholarships are discussed on the website, including allowing an optional essay discussing why the applicant is deserving of an award. Please pass this information to co-workers or others in the solid waste field.

Chapter Web Site

Have you been to the SWANA Mid-Atlantic Chapter website lately? Did you know you had one? Please go to: <http://www.swana-midatl.org>. We encourage you to visit the site often as it is being maintained by Shirl Wright of the Northeast Maryland Waste Disposal Authority and it is updated frequently as new or updated information is received.

Once at the site you will see current information on subjects such as Upcoming Events, the Annual Road-E-O, the annual Crab Feast each June, information on Scholarships, Operator of the year, past newsletters and your Chapter Directors.

A very interesting piece of SWANA Mid-Atlantic history can be found at the site as well. On the home page click on the "history" link to see who and when our Chapter was formed. Some of the names who were our founding fathers may surprise you as twenty some years later they are still active! And speaking of members, please see the article on memberships elsewhere in this newsletter.

Chapter Memberships

The current make up of your Mid-Atlantic Chapter membership is:

Regular (government) members - 167
Sustaining (non-government) - 46
Life - 4
Small Hauler/small consultant - 15
Student - 0

We believe that the cost of membership is a small annual price to pay for the benefits received. Access to two publications (MSW Solutions and MSW Management) as well as E-News which is sent monthly and the Chapter Newsletter normally issued 4 times per year. Other benefits include discounts to training and E-courses and free access to SWANA's new E-Library. The networking with other members is invaluable also. To see all the benefits, too numerous to mention here, visit SWANA's web site at: www.swana.org.

We encourage you to promote SWANA to your peers and encourage them to join as well.

Chapter Board of Directors' Meeting

On February 21, ten members of the Board met at Tenax Corporation. Following is a succinct summary:

- MOLO – As soon as SWANA International presents the revamped MOLO (Manager of Landfill Operations) course twice, we will enter into an agreement to present it within our Chapter, possibly May/early June. Once the date is scheduled, an e-mail will be sent and information placed on the Chapter website.
- The date for the annual Chapter Crab Feast at Sandy Point State Park has been changed to Saturday, June 16. Save that date. We are looking for sponsorship(s) of bushels of crabs. Promotion of your sponsorship will be “negotiated.” Contact Frank Henderson.
- The dates for MRC/SWANA Spring Conference are June 6 - 7 and will be located at the University of Maryland College Park campus.
- Bob DeMarco, Membership Chair, will be preparing a Chapter roster, is welcoming new members, and will be contacting delinquent members.
- There will be a web meeting in May to discuss the applications for the Chapter Scholarships. Applications are due May 1 to Mehal Trivedi.
- Job openings of member organizations may be placed on the Chapter's website at no cost. If a non-member wishes to post a job opening, the cost will be the cost of membership.
- Robin Ennis and Shirl Wright of NMWDA are developing the capability to do electronic survey and voting forms, as well as electronic registration.
- We re-confirmed our desire to lend SWANA \$10,000 for its program to revamp/update its courses.



After the SWANA Board of Directors' meeting on February 21, members and guests toured Tenax Corporation's Baltimore manufacturing facility. Tenax is a multi-international group of companies with production facilities in three continents, and specializes in the field of geosynthetic products for civil and environmental engineering applications. The fabrication of double-sided geocomposite was observed. Aigen Zhao, a Board member, is Vice President of Engineering for Tenax.

Upcoming Board Meeting & Tour

The next Board meeting is scheduled for Wednesday, April 18, 2007 at 10:00 a.m.

A tour will follow at 1:00 p.m. of the Cherry Island Landfill in Delaware.



Frederick County Procurement Announcement

Bid # 07-CP-67 to be bid in next 60 days, which includes construction of a Solid Waste Transfer Station and Processing Facility at the Frederick County Landfill & Recycling Center, 9031 Reich's Ford Road, Frederick, Maryland.

Key components of the project consist of site work; construction of concrete and steel building; installation of material handling cranes; installation of truck scales; installation of odor control systems; installation of various mechanical and electrical components; installation of roadway and installation of incidental piping, utilities, fencing and other ancillary components as shown on the drawings and as specified in the Project Manual. For additional information, please contact Mehal Trivedi.

2007 Geosynthetics Conference

By: Mehal Trivedi

The Geosynthetics conference was held in mid-January at DC. This was the opportunity to learn benefits of geosynthetics in new technologies, market trends, new design and engineering strategies. The advances of the geosynthetic applications in solid waste, transportation, and homeland security marketplaces have grown in the United States and worldwide. Applications spanned from containing wastes, restoring shorelines, improving soils, mitigating natural disasters, soil reinforcement, to designing green roofs. At the trade show, companies showcased products, materials, services and equipment. The flexibility and adaptability of geosynthetics with respect to many applications is a trademark of this technology.

Following briefly describes selected applications in Geosynthetics:

Containment - On producing a quality containment system, one paper focused on advantages of the conductive geomembrane. Conductive geomembranes include 2 to 3 mil thick coextruded layer of polyethylene containing a conductive carbon black on the bottom surface of an insulating geomembrane, which allows it to be spark tested for defects. Yet another paper stressed the importance of a total approach to enhanced geomembrane CQA (i.e., construction quality control) – one of them being contract specifications for leak location surveys after the placement of overlying material for the primary geomembrane of landfills. Use of Infrared Thermography (IRT) to nondestructively test nature and quality of extrusion and fusion welds. IRT has the potential to confirm or deny the acceptance of extrusion and fusion geomembrane welds.

Special applications - Another paper evaluated considering Exposed Geomembrane Cover (EGC) as a final cover. One third more airspace was optimized for waste disposal when a final geomembrane cover was appropriately designed. Such a modified design might include increasing side slopes, removal of benches and reducing thickness of final cover materials. Also, use of geotextile separator could control dust on unpaved roads.

This was also a geosynthetics-related homeland security conference where terrorism and natural disasters were focused to use geosynthetics to combat or mitigate one or both of these terrible situations from occurring.

Other applications - These include soil filled geotubes®, fiber-reinforced soils, floating reservoirs covers, and blast resistant box walls, shake-table seismic responses, geotextile camouflage, geosynthetic barrier mounds, emergency repair of roadways and airfields.

Conceptual geosynthetic applications in developmental status - These include geotextiles to filter biological agents in water supplies, life chutes to evacuate people from high buildings, geogrid-supported megabags for emergency waste supplies, geotextiles with shear-thickening fluids to protect oil and gas transmission pipelines, polyurea liners to protect buildings from broken glass and debris.

Reminders / Wanted

- ◆ **Important Websites to Remember:** www.swana.org and www.swana-midatl.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 for inclusion in our Chapter newsletter.
- ◆ **Articles, information, recent/on-going projects of interest, active purchase orders, etc.:** Contact swright@nmwda.org to be placed in our Chapter newsletter.
- ◆ **Scholarship Sponsors:** Contact Steve Lippy, Mehal Trivedi, Hallie Clemm or Aigen Zhao. **Deadline is May 1, 2007 for applications.** Check the Chapter Website.
- ◆ **Exhibiting at MRC/SWANA Conference:** Contact Dana Murray or Steve Lippy.
- ◆ **Name(s) of Prospective SWANA Members:** Contact either our Chapter Membership Chair, Bob DeMarco (pwdema01@mail.aacounty.org) or Dave Hernandez at SWANA (dhernandez@swana.org), or direct the prospective member to SWANA's website (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.

Employment Announcements

Anne Arundel County

Curbside Collection Supervisor

Anne Arundel County, Maryland is accepting applications for the position of **Curbside Collection Supervisor**. Collection services include twice weekly trash collection, once weekly recycling, yard waste, and bulky item collection. All collection services are privately contracted, involving multiple hauling contractors.

This position is responsible for developing, managing, and enforcing multiple collection contracts valued at over \$20 million; identifying geographic service areas and developing associated maps and collection schedules; supervising 6 curbside collection inspector positions; resolving customer complaints; developing and administering budgets; and ensuring fees are assessed accurately.

The salary range is \$40,575 - \$62,230, plus extensive benefits including overtime pay. For additional information and to apply for this position, visit our website at www.aacounty.org. The position announcement is titled Solid Waste Supervisor. **The closing date is March 26, 2007.**

Contact Molly Cannon at 410 222-6108 or mcannon@aacounty.org with any questions about the position.

Howard County Department of Public Works Environmental Services

Engineering Support Technician I (3103)

Perform engineering support work to include: collecting environmental samples; analyzing field data for groundwater, stream and landfill gas monitoring programs; operating/maintaining landfill gas extraction and flaring systems, leachate systems, and groundwater pumping and air stripping treatment systems; performing site and system maintenance tasks; and preparing and maintaining compliance records. Overtime and on-call hours are required.

Requirements: H.S. diploma or equivalent, two years of related experience, MD Class C driver's license, and a background investigation.

Hourly Rate Range: \$16.56 - \$26.73

Maintenance duties may require the use of self contained breathing apparatus (SCBA) or respirators. Annual medical testing is required. MDE Drinking Water Certification and Waste Water Industrial II Operator's License, or the ability to obtain license within 6 months of hire, are required.

For additional information please contact Evelyn Tomlin (410) 313-6451.

Howard County Department of Public Works Environmental Services

Division Chief, Operations Division

An advanced professional engineering and program management supervisory position in Howard County, MD. The position involves the development, implementation, and operation of capital facilities and programs related to all aspects of solid waste management, environmental cleanup, monitoring and compliance, landfill gas and groundwater systems.

The Division Chief is also responsible for all aspects of operations at the Alpha Ridge Landfill and transfer station including design, construction and operations.

Requirements: Must be a registered Professional Engineer in Maryland or have the ability to become registered in 6 months. Must possess a Class C Driver's License, Bachelor Degree in Engineering and 6 years experience. Masters Degree in Environmental Engineering or related field is preferred.

Annual Salary Range: \$70,595 to \$113,901

Closing Date: March 16, 2007

For additional information please contact Evelyn Tomlin (410) 313-6451.

RESERVE THIS DATE

SWANA MID-ATLANTIC REGIONAL ROAD-E-O & RENEWABLE ENERGY CONFERENCE AT HARRAH'S IN ATLANTIC CITY

WHEN: FRIDAY, APRIL 27, 2007
WHERE: CAPE MAY COUNTY MUNICIPAL UTILITIES AUTHORITY
2050 ROUTE 610, WOODBINE, NJ 08270
609.465.9026

Tour the Gas to Electricity Generating Plant
Test your skills against drivers and operators from NJ, PA, and Mid-Atlantic SWANA Chapters
in the following competitions:

TRUCK DRIVER:

Recycling Truck, Roll-off, Rear & Front Loader, Transfer Trailer

EQUIPMENT OPERATOR

Dozer, Compactor, Loader, Articulated Truck, Backhoe

For information, sponsorship and registration forms, please visit the following websites:

www.cmcmua.com
www.swanachapters.org/newjersey
www.swana-midatl.org
www.keystoneswana.org



Additional Road-E-O Info

Registration Deadline: April 14, 2007
Lodging: \$120/night at Harrah's
Cost: \$85.00 / per event if registered by April 14, 2007
\$110.00 / per event after April 14, 2007
\$50.00 / per guest

Ken Kilmer

Ken Kilmer, long time employee of EA Engineering Science & Technology, and at one time a member of SWANA, passed away on February 27. Our condolences go out to his family and friends.



19th Annual MRC Conference June 6-7

The smoke has cleared and dates have been finalized for the 2007 Joint MRC/SWANA Mid-Atlantic Chapter Conference: Wednesday, June 6th through Thursday, June 7th. The location had already been finalized -- the Stamp Union Building at University of Maryland's College Park campus.

This is the third year that the SWANA Mid-Atlantic Chapter has co-hosted the conference.



Mid-Atlantic Chapter
Solid Waste Association of North America

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We're on the Web!
www.swana-midatl.org