

# Mid-Atlantic Chapter Solid Waste Association of North America



**SWANA**<sup>®</sup>  
SOLID WASTE ASSOCIATION  
of North America

## SOLID WASTE NEWS For Waste Professionals February 18, 2005

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### President's Message

By Mike Houlihan

In this issue you will see information about our spring/summer technical seminar, which this year will be held as a joint meeting with the Maryland Recycling Coalition (MRC). The meeting, to be held on 8 and 9 June 2005, represents an experiment on the part of the Chapter to expand the range of issues and the number of professionals at the meeting. By joining with MRC, we will be having more training, a broader technical program, and more vendors and manufacturers available to meet with. "Thank you" to the members of MRC, who invited us to attend the joint meeting and who are making many of the arrangements for the meeting. We hope that you will take advantage of this opportunity to hear presentations and meet professionals involved in a wide

range of solid waste management issues in the Mid-Atlantic region. Look for registration information soon. In addition, please consider joining us for the upcoming tours of equipment manufacturers and solid waste transfer stations following the March and May Board meetings.

While you're at it, if you know any former SWANA members who haven't been involved lately, please encourage them to renew their membership. At the national level, SWANA has an excellent program of training and technical seminars, and our Chapter has a very active program of technical development and networking. We hope you will join us at these events, and that you'll bring a colleague with you.

### The Loading Dock

By Paul McIntyre

On January 19<sup>th</sup> the Mid-Atlantic Chapter of SWANA visited The Loading Dock and got a first hand glimpse of the organization's operations.

The Loading Dock, which has been operating since 1984, is the nation's first self-sustaining, nonprofit clearinghouse of reusable and surplus building materials. It has collected and redistributed more than 33,000 tons of materials that were slated to be landfilled.

The Loading Dock, with its mission to improve low to moderate income housing stock in the region, works with contractors in the business of repairing and renovating substandard housing. This organization receives donated materials from a number of sources, including direct donations, county landfill collection programs and community days. Once collected, the reusable building materials are sorted, warehoused, and sold for minimal fees to member contractors. Items typically found at

The Loading Dock include: bathtubs, toilets, doors, windows, shingles, plumbing fixtures, paint, wallpaper, and flooring.

The Loading Dock has been self-sustaining since 1992 and has achieved this through the sale of building materials and the collection of membership fees. The Loading Dock does not only work to improve housing stock, it also creates a market for reusable building materials, benefits the environment and creates jobs and volunteer opportunities.

To date, The Loading Dock has assisted more than 8,500 individuals and groups and partnered with more than 400 manufacturers, distributors and contractors in the Mid-Atlantic region. Because of the strong interest in The Loading Dock's success, the organization has created a national reuse information network where other folks can gather information and learn firsthand how to start a reuse facility.

# Recycle America MRF

By John O'Hara

With the enactment of the Maryland Recycling Act, every County in the state developed and implemented a recyclables collection program to comply with the MRA's recycling requirements. Jurisdictions, depending upon size, are mandated to recycle 15 or 20% of their solid waste. Collection programs included drop off sites, curbside collection programs, or a combination of both. The tons of recyclables collected through these programs must be processed for market and then distributed to those markets. Most jurisdictions in the state rely on private vendors to accept, process and market the recyclables they collect. Several private Material Recovery Facilities (MRF's) are located in the Mid-Atlantic region which have current contracts with Maryland counties to process and market recyclables. One such MRF, located at 7167 Kit Kat Road in the Elkridge section of Howard County, is currently constructing a major expansion and upgrade to meet projected demands for its services.

Recycle America Alliance, a subsidiary of Waste Management Inc., acquired the existing MRF from Fairfax Recycling Inc. in 2003. The facility consisted of a tipping floor, baler, loading dock and indoor/outdoor storage areas. The MRF was initially designed to provide for limited sorting and baling of paper on site prior to shipment to market. Commi-

gled containers (glass, plastic, metal) were shipped to other facilities for sorting. The ongoing expansion will substantially increase the MRF's capacity and its on site processing capabilities. The heart of the expansion is a Bollegraaf Single Stream Sorting System designed to process and separate a mixed waste stream consisting of cardboard, newsprint, mixed paper, junk mail, glass bottles, aluminum cans, tin cans, and plastic containers (nos. 1 through 7). According to Recycle America, it will not be necessary for jurisdictions to separate collected recyclables into paper and container fractions prior to delivery to the MRF.

The sorting system will be located in a 50,000 sq. ft. building on the 11 acre site which will also house storage and shipping areas, and a 14,000 sq. ft. tipping floor. The facility will have a processing capacity of 120,000 tons per year and will employ 70 people. Recycle America expects to handle 200 deliveries per day from clients in Maryland, Virginia, and Pennsylvania. To date, site work, grading, and building foundation construction have been completed for the expansion. Delivery and erection of the building is scheduled for March, to be followed by installation of the sorting system and truck scales in April. The facility is scheduled for full scale operation in July, 2005. Recycle America contact person for further information: Jim Marcinko, Tel. (301) 440-0327.

## Procurement Corner...

### Anne Arundel County Bid Awards

Following are recent Anne Arundel County Bid Awards.

<u>ITEM</u>	<u>BID PRICE</u>
Rim clamp tire changer and balancer	\$ 5,160
Tri-axle drop rail 55 ton lowboy trailer	\$45,850
20 yard dumpster cans	\$ 5,400
30 yard dumpster cans	\$ 5,600

For a copy of specifications, please contact Mr. Tom Hayes, Maintenance Supervisor, at (410)222-6177 x3019.

### Baltimore County Contract Awards

Baltimore County has awarded and started work on two contracts for construction. Allied Contractors is currently repairing a retaining wall (steel piling and lagging), and Earth Matters is drilling wells for the County.

### Baltimore County Equipment Procurements

PO #3019962 - 12/22/04 - Caterpillar D6R-LGP - Bulldozer - \$195,237 Deliver on or before 04/15/05

PO #3019943 - 12/20/04 - Caterpillar 966G II - Rubber Tired Wheel Loader - \$281,403 Deliver on or before 04/15/05

PO #3019959 - 12/22/04 - Caterpillar 325CL - Excavator, Hydraulic, Tracked - \$212,427 Deliver on or before 04/15/05

# Call for Papers

## MRC/SWANA Mid-Atlantic Spring Conference

### June 8 & 9, 2005

For the SWANA technical track please submit abstracts or topics for consideration to Dana Murray at SCS Engineers (dmurray@scsengineers.com).

The topics of interest include, but are not limited to the following:

Landfills—Design, operation consideration, alternative daily covers, bio covers for emission and odor control, bioreactor landfill update, or equipment GPS.

Landfill Gas—Operation and control, beneficial use, air permit compliance issues.

Collection and Transfer—Design of collection program, health and safety, design issues for transfer stations, transfer station high strength concrete floor, transfer of recyclables.

HHW—Latex paint handling, CESQG programs, periodic vs. permanent HHW facilities, e-waste collection pros and cons.

### Education Committee Seeking Volunteers

The Mid-Atlantic Chapter is looking to provide educational opportunities regarding solid waste management (i.e., tours, lessons, etc.) to schools in the Mid-Atlantic area, but volunteers are needed to provide some creative ideas and make them happen!

Please contact Mike Houlihan at mhoulhan@geosyntec.com if you want to take part in this important initiative.

### Mid-Atlantic Chapter 2005 Scholarship Awards Program

Graduating High School Senior Award	\$500—\$1,000
College/Univ. Students Entering Sophomore Year Award	\$500—\$1,000
College/Univ. Upper Division Undergraduate Award	\$750—\$1,000
University Graduate Student Award	\$750—\$1,000

For eligibility, application forms and instructions, please visit the website at [www.swana-midatl.org](http://www.swana-midatl.org).

**Application deadline is May 1, 2005**

### SWANA Regional Road-E-O 2005

The SWANA Mid-Atlantic Road-E-O is scheduled for Friday, April 29, 2005 at the Atlantic County Utilities Authority's facility in Egg Harbor Township, New Jersey. Registration is now open and there are a number of opportunities for both volunteering as competition judges and for providing sponsorships. For more information, please visit [www.acua.com](http://www.acua.com) or contact the ACUA at (609) 272-6950 and ask for the SWANA Mid-Atlantic Regional Road-E-O Coordinator.

SWANA invites the Mid-Atlantic Chapter to



The conference where solid waste professionals shine bright



**Save the date!**

**September 27-29 ★ Austin, TX**

For details, visit [www.WASTECON.org](http://www.WASTECON.org)

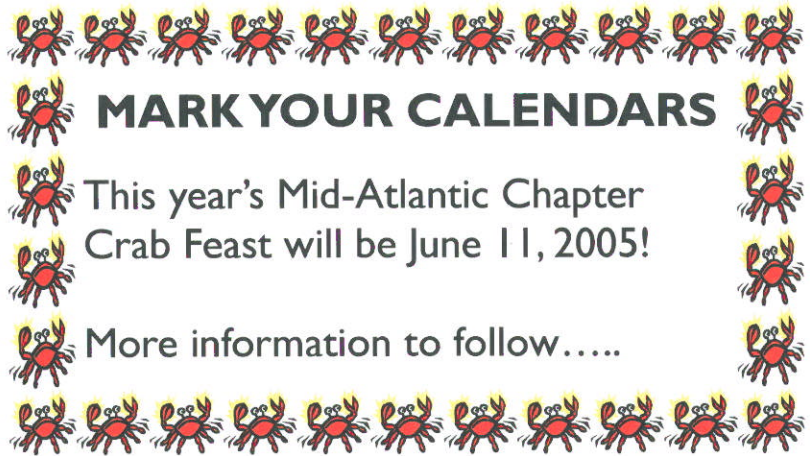
# MEETING AGENDA 2005

March 16, 2005

May 18, 2005

July 20, 2005

September 14, 2005



## MARK YOUR CALENDARS

This year's Mid-Atlantic Chapter  
Crab Feast will be June 11, 2005!

More information to follow.....

## Help Wanted: Solid Waste Crew Supervisor

**ANNOUNCEMENT #05-011**

**SALARY: \$36,051 - \$55,292**

Anne Arundel County, Maryland, is accepting applications for the position of Solid Waste Crew Supervisor in the Millersville Convenience Center. Requirements include graduation from high school; two (2) or more years experience in land-fill and convenience center operations involving the collection, disposal, and recycling of material. Possession of a class B commercial motor vehicle operator's license issued by the State is also required. Effective written, oral and interpersonal communication skills are desired as well as computer skills. The work week is Monday through Friday with scheduled mandatory weekend overtime.

Applicants must complete an Anne Arundel County application form. Applications must be received in the Office of Personnel no later than 4:30 p.m. on **MONDAY, FEBRUARY 28, 2005**. Applications and additional information are available on our website at [www.aacounty.org](http://www.aacounty.org) and the Office of Personnel located at 2660 Riva Road, Annapolis, Maryland. Resumés are accepted only if attached to an application. Contact Mr. Ray Riggin, Landfill Manager (410) 222-6177 x3016 with any questions.

*An Equal Opportunity/Drug Free/Smoke Free Environment*

## YOUR AD HERE

The Chapter is accepting ads (2" x 3.5") that will run in four consecutive quarterly newsletters for the low price of \$100.

If you are interested in placing an ad, please contact Laura Thomson at [lthomson@nmwda.org](mailto:lthomson@nmwda.org).

## WANTED: Tour or Event Ideas

Do you have any ideas for a tour or event that might be of interest to Chapter members?

If so, please let us know! Contact Mike Houlihan at [mhoulihan@geosyntec.com](mailto:mhoulihan@geosyntec.com).

**METTLER TOLEDO**

### David Baechtold

Vehicle Scale Specialist  
(410) 990-0248  
Fax: (410) 990-0360  
[dave.baechtold@mt.com](mailto:dave.baechtold@mt.com)

Mettler-Toledo, Inc.  
912 Langdon Ct.  
Annapolis, MD 21403  
[www.mt.com](http://www.mt.com)

## Information Systems, Inc. WeighMaster 7®

Information Systems, Inc. offers solid-waste scale software for landfills, transfer stations, and WTE plants.



The WeighMaster System offers accounting and reporting. ISI provides both fully and partially automated systems.

[www.isi-infosys.com](http://www.isi-infosys.com)

## Mid-Atlantic Chapter – Solid Waste Association of North America

c/o Laura Thomson  
Northeast Maryland Waste Disposal Authority  
Tower II - Suite 402, 100 South Charles Street, Baltimore, Maryland 21201-2705  
Tel. (410) 333-2730 • Fax. (410) 333-2721

# MID-ATLANTIC CHAPTER SWANA

## March Chapter Board Meeting & Tour

Wednesday, March 16, 2005

**Alban Tractor, Baltimore, MD**

### Agenda

10:00 – 12:00 noon Chapter Board Meeting

12:00 – 1:00 p.m. Lunch (*provided by Alban*)

1:15 – 3:00 p.m. Tour: Alban Tractor Facility

**Directions to Alban Tractor facility** – 8531 Pulaski Highway, Baltimore, Maryland

From I-95 – Take Exit 61 East

### REGISTRATION FORM

*(Please return by March 11, 2005)*

- Board Meeting, Lunch, and Tour (must register by March 11<sup>th</sup>)  
 Lunch and Tour (must register by March 11<sup>th</sup>)  
 Tour Only

NAME: \_\_\_\_\_

AFFILIATION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL: \_\_\_\_\_

**Mail or Fax registration to: c/o Dana Murray**

**SCS Engineers**

**11260 Roger Bacon Drive**

**Reston, Virginia 20190**

**Phone: 703-471-6150 Fax: 703-471-6676**

**E-mail: [dmurray@scsengineers.com](mailto:dmurray@scsengineers.com)**

## Fact Sheet Bulk Densities

### Typical Bulk Densities

*(measurements in lb./cubic yard)*

<u>Waste Components</u>	<u>Range of SW</u>	<u>Typical SW</u>
Mixed Construction	300-600	450
Mixed Demolition	1,500-2,700	2,000
Wood	200-540	400
Pallets	150-230	190
Concrete	1,500-2,200	1,900
Crushed Brick	1,300-2,000	1,600
Cardboard	70-135	85
Drywall	315-470	400
Asphalt Roofing Waste	250-460	360
Ferrous Metal	220-1,940	540
Fiberglass	14-20	17