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The Authority Welcomes New Montgomery Board Member



Dan Locke, P.E.

was appointed by Governor Ehrlich
to the Authority's board
of member representatives.

Daniel E. Locke, P.E., Montgomery County's Division of Solid Waste Services (DSWS) Division Chief, joins the Authority's board of member representatives. Mr. Locke, who has worked at Montgomery County for over nine years, leads the County's DSWS management team in the implementation

of an integrated solid waste system. The system serves nearly 1,000,000 residents and over 35,000 businesses with an annual budget of \$106,000,000.

Prior to joining the County, Mr. Locke was the Vice President of Operations for Corle Building Systems. He was also a construction superintendent/project manager for Potomac Electric Power Company where he started his career as a performance engineer.

Mr. Locke holds a Masters of Engineering Administration – Construction Management from George Washington University, a B.S. in Energy Engineering and an Associates Degree in Nuclear Engineering both from Pennsylvania State University.

We have worked with Mr. Locke during his tenure with Montgomery County and look forward to working with him in his new position as an Authority board member.

Mr. Locke is married with four children and enjoys hiking, camping and woodworking.

Recycling Electronic Waste in Baltimore City

CDM was recently awarded a service agreement by the Authority to provide permanent electronic waste collection and recycling services.

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Recycling Electronic Waste in Baltimore City

The concept of a train operating along a city street is as unusual to most people as a fish out of water, and in most ways this is true; in fact the last known operation of actual railroad service along any of the city's remaining street trackage was about 1997, along Wicomico Street in Baltimore City. There was once a time when a significant amount of the city's freight traffic operated along the streets. Street laid railroad trackage was common in many places, including, but not limited to Wicomico Street and large, but elegant, brick warehouses with sky lights lined the rail served streets.

Today, several of these warehouses are getting a chance at a new life. Computer Donation Management (CDM) leases several of these lovely old warehouses. CDM is in the business of de-manufacturing electronic products, a process where used electronics (computers, TV's, etc) are recycled. Computer boards are a treasure trove of small amounts of precious metals, but it takes a multi-step process to sort and remove the gold and platinum from the discarded computers. That process starts at CDM.

CDM was recently awarded a service agreement by the Authority to provide permanent electronic waste collection and recycling services. Mike Fannon and



Computer Boards which are recycled to recover precious metals (gold & platinum).

Robert Donald own and operate CDM and have been in business for 7 years. All material that is delivered or collected by CDM arrives at their 74,000 square foot

facility where it is weighed, sorted and then sent to certain sections of the facility for recycling or refurbishing. They process over 150,000 pounds of material every week and with room to expand their facility, that amount will undoubtedly increase.

CDM also has a tracking system for each piece of equipment that enters their facility for recycling. Some computers are refurbished on-site and the computers that can not be salvaged are dismantled and their various parts are sent to recycling companies to recover different commodities. For instance, the plastic cover of a computer is baled and sold to a plastics recycler. The memory and other chips in the computer are sold for the precious metals that can be recovered, mainly gold. Televisions are dismantled on-site and everything from the television is recycled including the glass and tube inside. Even cords and batteries from various electronic devices are recycled.

For more information on CDM eCycling or other electronic material recycling companies in your area, please visit www.mdrecycles.org.



Computers that have been refurbished and/or salvaged for reuse.

The Authority Welcomes Ennis and Blake

The Authority recently appointed Robin Ennis and Steve Blake as project managers.

Robin Ennis comes to the Authority with a diverse background in solid waste management. Her experience includes serving as recycling coordinator for the City of Delray Beach, Florida, manager of solid waste, recycling, and contracts administration for the St. Lucie County, Florida Utilities Department and has spent the last 4 years as the director of solid waste collections, customer service, recycling and media arts departments for the Solid Waste Authority of Palm Beach County, Florida. In that position, Robin managed three departments, managed 78 staff members and was responsible for a \$3.6 million budget.

Steve Blake is a civil engineer who has held several positions over the past 20 years in the Baltimore City Public Works and Transportation Departments. Steve has served as an engineer in the Interstate Division, lead engineer in the Office of Permits and Bureau of General Services' Engineering Division and most recently as an engineer in the Bureau of Solid Waste primarily responsible for planning, management and implementation of the bureau's capital improvement program. Special projects included compiling and editing the City's Ten Year Solid Waste Management Plan and creating solid waste and recycling collection routes.

Robin and Steve bring a vast amount of knowledge and experience in solid waste management and the Authority is pleased to have them join the team.



New Authority Project Manager, Robin Ennis



New Authority Project Manager, Steve Blake

Authority Staff Member, John Schott, Speaks at Virginia Public Hearing

On March 8, 2005, Portsmouth, Virginia city council passed a resolution authorizing the City Manager to work with the Southeastern Public Service Authority (SPSA) to consider agreements for accepting "out-of-area" waste.

SPSA is a regional public service provider for solid waste management in Southeastern Virginia. They provide services and waste disposal options for eight communities: Chesapeake, Franklin, Isle of Wight County, Norfolk, Portsmouth, Southampton County, Suffolk, and Virginia Beach.

American Ref-Fuel, now part of Covanta Energy, submitted its proposal to New York City to transfer 2,000 tons of waste per day via barge to Portsmouth along the Elizabeth River. The proposition

consists of building a 470-foot long wharf, where the barges carrying trash in sealed containers would dock and unload their cargo. Trucks would transfer the containers from the docking area to SPSA's Refuse Derived Fuel Plant about a mile away. The city of Portsmouth would receive revenues of more than one million dollars a year and all eight SPSA members would see lower waste disposal fees. On January 26, 2006 a public hearing was held in Portsmouth as part of the application process to get the required state environmental approval for the port.

SPSA asked that a Northeast Maryland Waste Disposal Authority representative attend the hearing and describe the rail transportation of waste. John Schott, project analyst for the Montgomery



County Waste Transfer Operation, spoke at the hearing and described the rail system and container loading and unloading process. He noted that the system, which has been in operation since 1995, has received no complaints due to the waste being transferred in sealed air tight intermodal containers via rail 18 miles from the Transfer Station to the Facility.

Residents from the neighboring communities of the proposed Portsmouth port voiced their concern at the hearing. Many of the speakers were residents of South Norfolk, the Chesapeake neighborhood that has large upscale condominiums planned for a location almost directly across the water from the proposed port.

Have Waste...Will Recycle

The Authority created www.mdrecycles.org to facilitate recycling by businesses. Each local government was spending a lot of time answering calls about commercial recycling so as a solution, the decision was made to create one website for businesses to easily locate another business to accept and recycle waste materials. Launched in 1999, with initial data provided by MDE, the Authority re-designed the website in 2005 and added a mapping feature.

The Authority advertises the website on outdoor media, radio ads and print media. The average number of

"sessions" or visits each week has increased from 150 in February 2005 to 300 in February 2006, a 100% increase! Over 300 vendors are listed on the website, and more are being added. The website has links to the solid waste/recycling offices in every County in Maryland and Baltimore City and also offers specific information such as collection days and location of drop-off centers.

The amount of commercially generated waste recycled in Maryland is also increasing, from 1.6 million tons in 2004 to 1.7 million tons in 2005, the latest year in which MDE has compiled the data.

The website can also be reached at www.marylandrecycles.org and www.mdrecycles.com.



Committee on Innovative Reuse of Dredged Material

Robin Davidov has been appointed to the Committee on Innovative Reuse of Dredged Material. The Dredged Material Disposal Alternatives Act of 2004 directed the Department of Business and Economic Development to review innovative methods for converting dredge spoil into products. Programs in other States have mixed dredge spoil

with organic waste products and used the resulting material as a soil amendment for surface mine reclamation. One such project was recently completed in Bark Camp, Pennsylvania and in addition, John Hamilton of the Pennsylvania DEP, says that two new sites will be opening in Pennsylvania.

Robin will bring her experience in managing organic wastes and project development to assist the task force. The committee is expected to complete its work in one year.

Go to www.depweb.state.pa.us for more information.

In 2000, the Bark Camp, Pennsylvania project was complete.





The Authority On Air

Robin Davidov was featured on a recent edition of Clear Reception, a radio talk show hosted by Sheri Parks at WTMD-FM. The broadcast can be downloaded from the WTMD-FM website. Look for the show called "Living off the Grid."

Montgomery Facility Certified

Great news! The Montgomery County RRF has been Certified as a Renewable Energy Facility for the Maryland Renewable Energy Portfolio Standard Program.

Montgomery RRF Operator Receives Star Rating

Covanta Montgomery, Inc. the operator of the Montgomery Resource Recovery

Facility has been recommended by Maryland Occupational Safety and Health Administration (MOSH) to receive the Voluntary Protection Program (VPP) Star Rating for outstanding health and safety practices in the workplace. The Montgomery RRF is the 11th Covanta facility to receive this recognition, which is an honor that has only been given to one-tenth of one percent of all worksites in the United States. A formal presentation of the award and flag raising ceremony will take place at the facility on June 22nd.

NSWMA White Paper Highlights Landfill Technology Advances

Waste News recently reported that a new white paper from the National Solid Waste Management Association aims to show how far landfill technology has come. "The paper was prepared to

explain the history behind the development of modern landfills and provides details on how today's landfills are designed, operated and regulated to protect human health and the environment," said Bruce Parker, the association's president and CEO. "Modern Landfills: A Far Cry from the Past" is available at www.nswma.org or by contacting the association's Public Affairs Department at (800) 424-2869.

Calendar Item

June 14 & 15

The Maryland Recyclers Coalition announced that the 18th Annual Recycling Conference will be held at Towson University. The MRC will again partner with the Mid-Atlantic Chapter of the Solid Waste Association of North America (SWANA). Go to www.marylandrecyclers.org for updates on registration and schedule information.

Harford County Executive Visits Waste-to-Energy Facility

The Authority was pleased to host the new County Executive for Harford County, David Craig, along with members of his staff on a visit to the Harford Waste-to-Energy Facility on March 21, 2006.

Mr. Craig was joined by Lorraine Costello, the Director of Administration, Debbie Henderson, the Director of Procurement and Nancy Giorno, representing the Law Department, for their first tour of the facility. Bob Cooper, the Director of Public Works and Authority Board Member, organized the tour in order

to provide a better understanding of the facility and how it is integrated into the county's solid waste and recycling program. One of the challenges that Harford County faces is the dramatic increase of solid waste that will require recycling and disposal as the County continues to grow and new jobs are realized through the anticipated growth at Aberdeen Proving Ground due to Base Realignment and Closure. One topic of discussion during the tour was the possibility of expansion of the facility. Expansion would decrease the amount of waste being disposed in the County's



landfill and allow for the production of more energy in the form of steam or electricity that would be used by the Army or by the County itself.

The Authority will continue to work with the executive and the county staff towards expansion of the waste-to-energy facility and other ways to minimize the impact of solid waste on the County.

SWANA Executive Leadership Conference

The Solid Waste Association of North America is the leading national organization for public and private sector solid waste managers. Each year, SWANA invites selected leaders from around the United States (the limit is 60 participants) to a three day seminar. This year, Robin Davidov, Executive Director of the Authority, was invited to speak to the group on the subject of selling energy from renewable energy projects.

The Authority was one of the first waste-to-energy project owners to sell energy and renewable energy credits in the open market. Robin explained the importance of adopting renewable energy portfolio standards in each State. New Jersey was one of the first states to adopt portfolio standards, with Maryland following soon after. The Pennsylvania-Maryland-New Jersey-Ohio regional transmission organization is organized to facilitate buying and selling

energy and credits among members of the grid system.

Development of renewable energy means less pollution from conventional fossil fuel power plants. Renewable energy generators must meet stringent environmental standards as well as demonstrate an integrated approach to solid waste management.



WASTEWATCH

Tower II – Suite 402, 100 S. Charles Street
 Baltimore, Maryland 21201-2705
 (410) 333-2730 / Fax: (410) 333-2721
 E-mail: authority@nmwda.org
 Website: www.nmwda.org

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