

**Make plans to attend the  
42<sup>nd</sup> Annual Environmental  
Show of the South**

**April 24-26, 2013**

The Tennessee Department of Environment and Conservation is committed to principles of equal opportunity, equal access and affirmative action. Contact the EEO/AA Coordinator at 1-888-867-7455 or the ADA Coordinator at 1-866-253-5827 for further information. Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298).



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**41<sup>st</sup> Annual  
Environmental Show of the South**

Solid/Hazardous Waste Conference & Exhibition

*April 25-27, 2012*

*Gatlinburg Convention Center*



sponsored by the  
Tennessee Department of Environment and Conservation  
Division of Solid Waste Management



Environmental Law Session  
Endorsed By:



## Registration & Information Desk

Wednesday, April 25, 7:30 a.m. - 4:00 p.m.

Thursday, April 26, 7:30 a.m. - 4:00 p.m.

## Exhibit Hall

Wednesday, 8:00 a.m. - 4:00 p.m.

Thursday, 8:00 a.m. - 3:00 p.m.

## Conference Schedule

Wednesday, April 25	Opening Session	9:00 a.m. - 10:50 a.m.
	Lunch	11:00 a.m. - 1:00 p.m.
	Breakout Sessions	1:00 p.m. - 4:00 p.m.
	Conference Wide Event*	5:30 p.m. - 9:00 p.m.
Thursday, April 26	Breakout Sessions	8:00 a.m. - 10:50 a.m.
	Lunch	11:00 a.m. - 12:30 p.m.
	Breakout Sessions	12:30 p.m. - 4:00 p.m.
	Ice Cream Social	2:00 p.m. - 2:30 p.m.
	TV Giveaway **	2:25 p.m.
Friday, April 27	Closing Sessions	9:00 a.m. - 11:00 a.m.



## CONFERENCE HIGHLIGHTS:

### \*Conference Wide Event - Mills Auditorium

Wednesday, April 27, 2011 starting at 6:00 p.m.

Dinner and Hospitality sponsored by Republic Services Company 

Entertainment, sponsored by Waste Management 

**\*\*Television Giveaway** – The 2012 Solid/Hazardous Waste Conference & Exhibition will give away a TV to one of our lucky guests. The television will be given away at the end of Ice Cream Social sponsored by HEPACO  in the Exhibit Hall. All registered attendees are encouraged to participate. It's simple: visit every exhibit booth, get your entry form stamped at each one and then drop it in the basket in the rear of the Exhibit Hall. The TV giveaway is sponsored by Weaver Boos Consultants 

**\*\*PARTICIPANTS MUST BE PRESENT TO WIN.**

## PROFESSIONAL EDUCATION CREDITS

**Continuing Legal Education** - 12.25 CLEs will be offered through the Tennessee Bar Association. Attorneys who wish to receive CLE credit must complete a Certificate of Attendance available in the Environmental Law Sessions and pay the additional \$75.00 fee.

**Professional Development Hours for Professional Engineers** can be received for attending this year's conference. The hours equate to 1 hour of credit for 1 hour of attendance. Recordkeeping to receive credit documentation of attendance is needed in the form of paid receipts, a signed copy of the participants list, or other documents supporting evidence of attendance. A Certificate of Attendance is available for an additional \$10.00.

**Landfill Operators** will have the opportunity to earn a maximum total of 9 hours of recertification credit by attending all of the Solid Waste Technical sessions and the SWANA session. In addition, a total of 4.5 hours of Recertification Credit can be earned by attending all the Waste Reduction and Recycling sessions. There will be a sign-in list located in the room for each session.

**SWANA Continuing Education Credits** will be available at the conference. CEU forms for SWANA will be available at the TN SWANA Booth and at the Solid Waste Technical, SWANA and Waste Reduction and Recycling sessions.

### MXI Environmental Services LLC

**OCS – Ops Contracting Services, LLC** is a full service environmental remediation, abatement, and construction firm. We have extensive experience in soil and groundwater remediation; demolition and asbestos abatement; and civil construction with nationwide capabilities. OCS is committed to providing our clients with safe, reliable, and quality product no matter the size or scope of services required.

### Pace Analytical Services

### Pine Environmental Services, Inc.

### Plastic Fusion Fabricators, Inc.

**PSC – Environmental Service Division** - As a national environmental services company with over 3,000 employees and 90 locations, PSC provides hazardous waste services, transportation, technical lab pack, industrial cleaning, remediation, and on-site assistance. As a service-oriented company PSC focuses on technical knowledge, accessibility, and accuracy in our operations from profile through invoice delivery.

**Quantum Environmental & Engineering Services, LLC** provides environmental services, engineering, design, cleanup and support services. We work in the private and public sectors providing cost-effective, response-oriented problem solving; specialty environmental products; industrial facility support, and development-related services.

### Recycling Marketing Cooperative for Tennessee

### Republic Services

**RiverCity Hydraulics** is a full service equipment distributor w/ over 50 years combined experience specializing in HEIL Refuse Equipment and Petersen Trash Loaders in West TN. If you are tired of useless promises from your current equipment distributor give us an opportunity to exceed your expectations. Call "Real Deal" McCoy for your next purchase.

### Rock Tenn

**Rusmar Inc.** is a manufacturer and provider of non-hardening aqueous foam products and application equipment for Alternative Daily Cover (ADC), VOC, dust, coal ash disposal dust control and odor control for the solid waste, coal and environmental remediation industries, established in 1986.

**S&ME Inc.** has more than 37 years of experience providing common sense consulting and engineering services that create and promote economic value for our clients. Our environmental professionals are focused on safely providing technically excellent services, governed by unquestioned integrity, and aimed at cost-effectively accomplishing our clients' objectives.

**SAIC** is a FORTUNE 500® scientific, engineering and technology applications company that uses its deep domain knowledge to solve problems of vital importance to the nation and the world, in national security, energy & environment, health and cyber security. For more information, visit saic.com. SAIC: From Science to Solutions®.

**SCS Field Services** a division of SCS Engineers, is the nation's leading engineering contractor in OM&M of landfill and LFG-related environmental compliance and control systems. SCS-FS is an employee-owned company providing all OM&M services for LFG systems, including monitoring, reporting, balancing of wellfield, maintenance and repair of control system components.

**Shield Engineering, Inc.** provides comprehensive, cost-effective engineering, environmental, emergency spill response management and forensic engineering services throughout Tennessee and the southeastern United States.

**Sonoco Recycling Inc.** offers comprehensive recycling services and customized solutions for all types of businesses and municipalities. Sonoco Recycling is a wholly owned subsidiary of Sonoco and is a world leader in recycling collecting 3.5 million tons of paper, plastic, metal and other materials annually. The company has recycling operations in 50 locations globally, 29 of those in the southeast, which includes six states of the art material recovery facilities.

**Southeastern Tank, Inc.** distributes and erects Aquastore® glass fused to steel tanks for municipal and industrial potable water, wastewater, fire protection, and leachate storage. We specialize in turkey leachate storage systems including primary & secondary containment, piping, heat tracing, mixing and treatment.

**Southeast Recycling Technologies, Inc.** is a permitted Universal Waste Destination Facility for the proper management and recycling of all Mercury containing light bulbs (all fluorescent, CFL's, HID, neon, projector lamps, etc.) and, UW Mercury Containing Equipment, along with the recycling of all UW batteries, and lighting ballast. Southeast also recycles all types of Electronic Waste.

### Stringfellow, Inc.

**Sustainable Resources Group, Inc.** is an environmental services company providing services to assist clients in meeting their environmental and sustainability objectives. With over 25 years of experience, SRG has three divisions (Brownfields Restoration, Facilities Optimization and Beneficial Residuals Management) that provide services from restoration and repurposing contaminated property to implementing sustainable waste disposal options.

**SWANA – Tennessee Volunteer Chapter** is the local SWANA chapter in Tennessee. We work to provide local training, CEU hours, networking events, and information to Solid Waste Professionals in the State of Tennessee.

**SWS Environmental Services** provides a broad range of environmental services for both private industry and government centered around emergency spill response, disaster response, field services, waste management & remediation. SWS Service Centers in Memphis, Nashville & Harriman provide full coverage across the State of Tennessee.

### TDEC Remediation

### TDEC Toxic Substances Program

### Tennessee Recycling Coalition

**Terracon Consultants, Inc.** is an employee owned firm with 119 offices in 39 States that provide environmental engineering, solid waste engineering, geotechnical engineering, construction materials testing and facilities services. With offices in Chattanooga, Nashville, and Memphis we can efficiently serve projects throughout the State of Tennessee.

**TestAmerica Laboratories, Inc.** is recognized as the leading environmental testing firm in the United States. Operations include a nationwide network of 36 environmental testing laboratories and 36 service centers. TestAmerica provides innovative technical expertise and comprehensive analytical testing services. Specialty analyses include source and ambient air, aquatic toxicity, explosives, specialty organics, dioxins, drinking water, sediments and tissues, emerging contaminants, radiochemistry and mixed waste testing.

### Toter, Inc.

### Tradebe Environmental Services

### TriAD Environmental Consultants

### Tri-State Drilling, LLC

**TRS-Environmental** is your new source to rent, lease or purchase a wide variety of environmental monitoring, sampling, industrial hygiene, and safety monitoring equipment. Our background includes 30 years of business-to-business experience in renting, leasing and selling test equipment to many industries in North America and around the world.

**United States Environmental Services** Through specialized service lines, USES provides a range of capabilities and depth of expertise that no competitor in our market can match, all from a single, trusted provider. From routine industrial and maritime cleaning services to emergency response for disasters of any scale, USES is the company you can count on for efficiency, professionalism and a total commitment to safety.

### VehiclePath GPS Fleet Tracking (Pro View Systems, Inc.)

### Veolia ES Technical Solutions

### Viridian USA LLC

**W. L. Gore & Associates, Inc.** GORE® Surveys have been used for site assessments, vapor intrusion investigations, groundwater sampling and long-term monitoring for almost 20 years. Using adsorbents encased in waterproof, vapor-permeable GORE® membrane, the passive samplers detect a broad range of compounds in soil gas, air, water and sediment to identify sources and delineate subsurface impact.

**Waste Connections of Tennessee, Inc.** is a fully integrated solid waste services company. We service commercial, industrial and residential customers, operating both Class I and Class III/IV landfills and transfer stations.

### Waste Industries

### Waste Management

### Worldwide Equipment

### Wright Brothers Construction Company

### WRS Compas

**Arnold Engineering Development Center (AEDC)** is a ground based test center operated by the U.S. Air Force and is located near Tullahoma, Tennessee.

**Barge Waggoner Sumner & Cannon, Inc.**

**Beacon Environmental Services** specializes in providing accurate and reliable soil gas and vapor intrusion data. The state-of-the-art sampling and analytical procedures are the foundations for advanced passive soil gas and indoor air sampling technologies to identify trace levels of VOCs and SVOCs in the vapor phase. BEACON provides our services through low-cost, easy-to-use Sample Collection Kits that allow our clients to accurately identify source areas and vapor intrusion pathways, delineate contaminant plumes, and optimize remedial strategies.

**Blackhawk Technology**

**Brown and Caldwell** provides engineering and consulting services for solid and hazardous waste projects from a network of 45 offices and over 1,400 professionals across the U.S. Our clients include both private companies and public agencies, and our goal is to deliver value and exceed expectations.

**Chase Environmental Group, Inc.** provides field services in monitoring well installation, environmental remediation, groundwater treatment, dual phase extraction capabilities, remediation system installation and radiological field services, including decontamination and decommissioning.

**Civil & Environmental Consultants, Inc.** is a technical consulting and engineering firm with 16 offices nationwide. CEC provides consulting and engineering design services for the management and disposal wastes, including municipal, construction/demolition, residual, hazardous, and coal-combustion by-products. Other solid waste services offered by CEC include site selection and characterization, design and permitting, groundwater assessment/corrective measures, construction and monitoring services.

**Clean Harbors Environmental Services**

**CMI Equipment Sales, Inc.** providing equipment, parts and service to waste industry management for two decades.

**Continental Aerial Surveys, Inc.**

**CTI Engineers, Inc.**

**Elvado Environmental LLC** is a woman-owned small business that provides high-quality environmental, engineering, and waste management technical support to commercial, industrial, and government clients. Our niche expertise includes optimizing long-term monitoring programs for groundwater contamination detection, assessment, and remediation effectiveness evaluation at hazardous and nonhazardous solid waste management facilities

**EMD Millipore Corporation**

**EnSafe, Inc.** has been providing superior consulting services to our customers for 30 years. We are present in cities across Tennessee and the U.S. to serve our customers with local flavor providing effective, tailored solutions to our clients that benefit them and their business objectives while protecting. Our tenet has been and remains that our customers' needs come first. We use our creativity to custom-tailor solutions specific to our client's particular challenge.

**Environmental Enterprises, Inc.** holds a RCRA TSDF Permit in Cincinnati, with service centers in Ohio, Virginia, Pennsylvania and Florida. EEI specializes in Lab Packs, Household Waste Collection Days, Aerosol Can Recycling, TCSA, pharmaceutical, DEA laboratory and scheduled narcotic wastes, including witness destruction loads. We have a patented precious metal recovery process and treat water reactive substances on site.

**Environmental Standards, Inc.** is a privately held consulting firm specializing in environmental chemistry quality assurance, consulting geosciences, and environmental data management. Our experienced professionals apply emerging technologies to address client business challenges associated with managing corporate environmental liability.

**EQ-The Environmental Quality Company** is a comprehensive environmental management company which specializes in hazardous and non-hazardous waste treatment and disposal, chemical recycling, and waste water treatment. EQ offers a full line of environmental services including emergency response, remediation, industrial services, lab packing, underground video inspection, household hazardous waste services, and transportation. Visit our website at [www.eqonline.com](http://www.eqonline.com).

**ESC Lab Sciences**

**Evergreen Tank Solutions** offers one of the broadest ranges of containment equipment in the industry. We take great pride in our ability to provide our customers the highest quality container fleet and outstanding customer service. ETS offers 20 locations strategically located and expertly staffed to handle all of your tank and box rental and sales needs 24 hours a day 7 days a week.

**Excel TSD of Tennessee LLC** established as a small business in Chattanooga, TN. TSD, LLC formerly known as Tri-State Testing and Drilling, LLC when formed in 1985 until a name change in 2007 to its present name. The company is managed and operated as a professional drilling contractor and considered a leader in providing services in geotechnical, environmental, mineral exploration and water resources throughout the south and southeastern United States.

**Fruits & Associates, Inc.** is a leader in providing mobile remediation technology for environmental remediation projects across the southeast. Utilizing our High-Vacuum Remediation (HVR) service developed solely for performing Mobile Enhanced Multi-Phase Extraction (MEME) events, FRUITs provides customized HVR events to address site-specific conditions. Our equipment is 100% mobile and is designed to provide a turn-key service at each and every site.

**Gatlinburg Craft Store**

**Geosyntec Consultants** The 900 engineers, scientists, and support personnel of Geosyntec Consultants work with private and public sector clients at sites in the United States, Canada, Europe, Malaysia, and Australia to address new ventures and complex problems involving our environment, natural resources, and civil infrastructure.

**GSE Lining Technology, Inc.** is a global geosynthetics manufacturer that offers the widest selection and highest quality of LLDPE and HDPE geomembrane, geosynthetic clay liner, geonet, geocomposite, nonwoven geotextile, and concrete protection products for all your waste containment applications.

**Hazco, LLC**

**HEPACO, LLC** is an environmental contractor specializing in Emergency Spill Response/Remediation Services/Waste Handling/Demolition/Facility Decontamination/Tank Cleaning/Vacuum Truck Services/Asbestos Lead & Mold Abatement/Indoor Air Quality/Training and much more. Find out how we can meet your needs: [www.hepaco.com](http://www.hepaco.com).

**Heritage Environmental Services** owns and operates best in class incineration, chemical treatment, landfills and recovery facilities. Services include chemical management, industrial maintenance, transportation, labpack, retail and health services

**Jim's Tank Service, LLC**

**K. S. Ware & Associates, LLC** is a privately held engineering firm that provides geotechnical services, Construction Engineering and Inspection (CEI), Special Inspections and hazardous materials consulting. We provide support to Owners and other A/E firms within the Transportation (highways and airports), Federal (USACE) and Municipal Agency market segments. Our personnel operate out of offices in Nashville, Knoxville, Jacksonville, FL, and Bowling Green, KY.

**Laboratory Data Consultants, Inc.** is an environmental chemistry quality assurance company providing environmental consultants with the following products and services: Data validation, database design, implementation and hosting, specialty software development (ADR, FLADaPT, MRSP Tool, Laboratory audit/PT management software), oversight of QA/QC programs, laboratory audits, and technical support for litigation.

**Liberty Tire Recycling**

**Littlejohn Engineering Associates** (LEA) offers environmental and civil engineering consulting services to commercial, industrial, and governmental clients. We have in-depth knowledge of the regulatory process to make sure all projects comply with state and federal regulations. LEA has offices in Nashville, Chattanooga, Decatur AL, Orlando FL, Phoenix AZ, and Johnson City.

**LSC Environmental Products, LLC** provides solutions to industrial customers and managers of waste disposal facilities who are frustrated with the challenges associated with volume-consuming and erosion prone soils. We provide products that replace or improve soils.

**Marion Environmental, Inc.**

**Microbac Laboratories**

**Municipal Equipment, Inc.**-Tennessee's new choice for refuse compaction and recycling equipment including rear loaders, front loaders, automated side loaders, stationary compactors, and roll off trucks.

## Meet Our Keynote Speaker

### Gwendolyn Keyes Fleming Regional Administrator U.S. Environmental Protection Agency, Region 4



Ms. Fleming was appointed by President Barack Obama as the Region 4 Regional Administrator in September 2010. She is the first African American to hold this position in Region 4; however, this is not the first time she has made history.

Gwen Keyes Fleming took office as the DeKalb County District Attorney in January 2005 making her the first African-American and first woman ever to serve in this post. As DeKalb's DA her staff prosecuted approximately 11,000 felony cases annually. She also managed and trained approximately 50 attorneys, more than 55 support personnel and administered a \$12 million budget.

Some of her key initiatives as DA included the creation of a pre-trial diversion program, expanding support services for victims, dedicating resources that focus on crimes against women, white-collar crime, gang violence, truancy among teens and Just Us G.A.L.S., Girls Achieving Leadership and Success, an annual teen mentoring workshop. She also co-hosted quarterly a series of community meetings called Crime Prevention Tours. At the meetings DeKalb County residents learned about how DeKalb County law enforcement agencies work together to help prevent and prosecute crime.

Before being elected in November 2004 as the DeKalb County DA, she was DeKalb's Solicitor-General being sworn into office in January 1999. She made history in this post as the first African-American, first woman and the youngest person ever elected as Solicitor-General in DeKalb County.

Gwen is a New Jersey native and earned a bachelor's degree in finance from Douglass College, the all-women's college affiliated with Rutgers University. She earned her law degree from the Emory University School of Law. She is a former president of Emory Law School's Alumni Association, has served as an Emory University School of Law adjunct professor and received the institution's Distinguished Alumni Award in 2007 among other legal honors. She is a member of the National Council of Negro Women, the NAACP, a graduate of the Leadership DeKalb Class of 1999, the Leadership Georgia Class of 2000 and the Leadership Atlanta Class of 2007.

In March 2001, Gwen was inducted into the Douglass College Alumna Hall of Fame for her contributions to the law and the community. She is the youngest alumna to be so honored in the college's history.

In her new position, Regional Administrator Keyes Fleming is responsible for the eight southeastern states, Alabama, Florida, Georgia, Kentucky, North Carolina, Mississippi, South Carolina and Tennessee, as well as six federally recognized tribes. Over the last 16 months, Regional Administrator Keyes Fleming has focused on advancing the Administration's priorities of protecting public health and the environment, including: taking action on climate change, improving air quality, assuring safety of chemicals, protecting America's waters, expanding the conversation on environmentalism and working for environmental justice and building strong state and tribal partnerships. Under her leadership, Region 4 continues to expand the conversation to members of the federal family and non-traditional partners such as the faith-based community.

Gwen credits her parents, Ursula Keyes, a retired registered nurse and her late father, Andrew J. Keyes, a former Tuskegee Airman, as the reason for her commitment to community service. She says that her parents "taught her to have compassion and serve people who cannot help themselves." She is married to Randal Fleming and they have two sons. The Flemings are members of Green Forest Community Baptist Church in Decatur, Georgia.

Wednesday, April 25, 2012  
Lower Level, Hall 1  
Opening Session

The Exhibit Area will be closed 9:00 a.m.- 10:45 a.m.  
All exhibitors are encouraged to attend the Opening Session

- Moderator: **Shari Meghreblian**, Deputy Commissioner  
Tennessee Department of  
Environment and Conservation
- 9:00 a.m. **Welcome**  
**Robert J. Martineau, Jr.**, Commissioner  
Tennessee Department of  
Environment and Conservation
- 9:15 a.m. Key Address  
**Environmental Issues in Region 4**  
**Gwendolyn Keyes Fleming**  
Regional Administrator  
U.S. Environmental Protection Agency (EPA),  
Region 4
- 10:15 a.m. **Department of Environment and Conservation  
Top to Bottom Review and How it Will Affect the  
Regulated Community**  
**Robert J. Martineau, Jr.**
- 10:50 a.m. Adjourn
- 11:00 a.m. Lunch  
Hall 2-Lower Level

Friday, April 27, 2012

Closing Session  
Hall 1

- Moderator: **Paula Mitchell**, Solid Waste Management, TDEC
- 9:00 a.m. **Another Pair of Eyes & A Fresh Look: Why Your Company Should  
Focus and Refocus on Health & Safety Compliance**  
Your Business is subject to both routine and complaint driven  
safety and health compliance audits. The information shared at  
this session will be relevant to project planning and to work sites  
where remediation activities are being performed.  
**David Bullock**, Miller & Martin PLLC  
**Brian Humphrey**, Miller & Martin, PLLC  
**Hart Knight**, Miller & Martin, PLLC  
**Michael Mallen**, Miller & Martin, PLLC
- 9:50 a.m. **The Obligation to Report Historical Contamination  
in Tennessee**  
Discussion of various duties for parties to report historical  
contamination of a property.  
**Austin Payne**, Office of General Counsel, TDEC
- 10:05 a.m. **Planning for Tennessee's Catastrophic Earthquake Risk:  
Enhance Emergency Preparedness with the Ready TN Mobile  
App**  
Are you prepared enough if a large earthquake were to strike  
Tennessee again? It has been 200 years, but the risk is still  
there for a catastrophic disaster. Get Ready TN today to prepare  
yourself.  
**Jeremy Heidt**, Tennessee Emergency Management Agency
- 10:50 a.m. **Legislative Update**  
**Paula Mitchell**, Solid Waste Management, TDEC
- 11:00 a.m. Closing Remarks

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### Exhibitors

Take time to visit our exhibitors. They have interesting and innovative information to share with you.  
Don't forget to ask them to stamp your television giveaway form while you are visiting.

**A&D Environmental Services (GA), LLC**

**Accutest Laboratories** is a privately held, independent testing laboratory successfully delivering legally defensible data for over 49 years. Accutest provides a full range of environmental analytical services to industrial, engineering/consulting and government clients throughout the United States.

**Agru America, Inc.** has been at the forefront of thermoplastic technology producing a wide range of pipes and fittings. Production facilities are located in Georgetown, SC and Femyly, NV where an extrusion calendaring process produce the industry's finest quality HDPE and LLDPE geomembrane products.

**AMCON Environmental, Inc.** is a global provider of professional services. With over 500 offices worldwide and over 200 offices in the US, we are able to combine global reach with local knowledge. We are the ENR #1 Design Firm in the US with about 45,000 employees and annual revenues of over \$8B.

**American Environmental Group, Ltd.** (AEG) specialized environmental construction services include: Geosynthetic Liner Supply and Installation, Landfill Gas/Leachate Well Drilling, Landfill Gas/Leachate Control and Recovery System Installation, and Operation and Maintenance for LFG Systems including routine O&M, well field balancing and regulatory reporting.

**ARCADIS** provides consultancy, design, engineering and management services in infrastructure, water, environment and buildings. We enhance mobility, sustainability and quality of life by creating balance in the built and natural environments. ARCADIS develops, designs, implements, maintains and operates projects for companies and governments. Visit us at: [www.arcadis-us.com](http://www.arcadis-us.com).

**ARIES Energy** The CHYP System is an innovative, effective waste-to-energy technology. It converts cellulosic waste (MSW, woody waste etc.) to a syngas to provide clean energy onsite. This system extends the life of landfills, reduces air emissions, lowers energy costs and provides an economic boost to the local economy while securing energy independence.

Thursday, April 26, 2012

**Hot Topics Session  
Conference Room 10**

- Moderator: **Robert Nakamoto**, P.E., CHMM, Solid Waste Management, TDEC
- 12:30 p.m. **Engineering Challenges in the Knox Group of East Tennessee**  
Illustration of engineering challenges associated with the Knox Group, a prominent geologic formation within the Valley and Ridge Province of East Tennessee  
**Patrick Massey**, P.E., Geosyntec Consultants
- 1:00 p.m. **More Than PR: A Campaign Approach to Solid Waste Permitting**  
A focus on designing a campaign to overcome facility permitting obstacle such as zoning ordinances, local opposition and competitors to secure support for your new or expanding landfill.  
**Darden Copeland**, The Calvert Street Group
- 2:00 p.m. Ice Cream Social – Exhibit Hall**
- 2:30 p.m. **Regulation of Air Emissions from Solid Waste Landfills**  
Presentation and Discussion regarding recent TDEC oversight and regulation of air emissions from solid waste landfills.  
**Rick Bolton**, EnSafe  
**Michael Stagg**, Waller Landsen Dortch & Davis, LLP
- 3:00 p.m. **Challenges in Planning the Closure of the Nation's Last Open Dump**  
A description of the diverse challenges facing the design and team in closing a 48 acre open dump on a tropical island subject to heavy rainfall, high winds, surrounding jungle and seismic activity.  
**Jeffrey L. Pintenich**, P.E., BCEE, CHMM, Brown and Caldwell
- 3:30 p.m. **Developing a Corporate Sustainability\* and Zero Landfill Culture – From the Trenches**  
A focus on efforts, both failing and successful in establishing a sustainable program and the elements used.  
**Patrick Lynch**, CHMM, CSP, QEP, CalsonicKansei North America  
**Kevin Reinhart**, CSP, CHMM, ARM, CalsonicKansei North America
- 4:00 p.m. **Waste-to-Energy: A Biomass Energy Solution**  
The CHyP System is an innovative, renewable efficient waste-to-energy bioenergy technology. It converts biomass waste to a syngas to provide clean energy onsite. This system extends the life of landfills, reduces air pollutants emissions, lowers energy costs to tax payers and provides an economic boost to the local economy.  
**Harvey Abouelata**, ARIES Energy
- 4:30 p.m. Session Adjourns

Wednesday, April 25, 2012

**Solid Waste Technical Session  
Conference Rooms 1-3**

- Moderator: **Glen Pugh**, Solid Waste Management, TDEC
- 1:00 p.m. **RCRA Equivalent Cover Construction Utilizing and Evapotranspiration Soil Cover**  
Alternatives to the prescriptive methods for Subtitle C hazardous waste landfill cover will be presented in a case study highlighting the components of an E\_T Soil Cover.  
**Jacob Gruzalski**, Environmental Standards, Inc.
- 1:45 p.m. **Maintaining Healthy Landfill Vegetative Cover & Effective Erosion Control Systems**  
Methods utilized for establishing vegetative cover will be discussed and means to prevent and manage erosion in active areas.  
**Richard W. Eaton**, Eastman Chemical Company  
**Robbie McClellan**, Eastman Chemical Company
- 2:30 p.m. Break
- 2:45 p.m. **Slope Stability Evaluation of a Wet MSW Landfill Utilizing Cone Penetrometer Testing**  
Fluid accumulating in gas extraction vents limit methane recovery. Concern arose over slope stability due to fluid build-up in waste. Cone Penetrometer Test (CPT) evaluation in waste was completed.  
**Billy Newcomb**, P.G., Draper Arden Associates
- 3:30 p.m. **Vener Failure at a Middle Tennessee Landfill (Slide Show)**  
**TDEC Staff**
- 4:00 p.m. Session Adjourns

**Landfill Operators** will have the opportunity to earn state approved credit during the conference. A total of 9 hours of Recertification credit can be earned by attending all of the Solid Waste sessions and the SWANA session.

In addition, a total of 4.5 hours of Recertification credit can be earned by attending all the Waste Reduction & Recycling sessions. There will be a sign-in list located in the room for each session.

Thursday, April 26, 2012

**Solid Waste Technical Session  
Conference Rooms 1-3**

- Moderator: **Alan Spear**, Solid Waste Management, TDEC
- 8:00 a.m. **When “Sludge” is not a Four-Letter Word**  
The disposal of sludge in an MSW landfill can adversely impact operations and performance of the facility. This presentation will discuss how adequate mixing can significantly reduce problems and improve performance.  
**Robert C. Bachus**, PhD, P.E., D.G.E., Geosyntec Consultants
- 9:00 a.m. **Innovative Technologies to Estimate Borrow Material Quantity**  
Terracon Consultants, Inc. recently utilized traditional down-hole exploration techniques in conjunction with non-intrusive geophysical techniques to quantify a potential daily cover borrow source.  
**Marie A. Maher**, P.G., Terracon
- 9:45 a.m. Break
- 10:00 a.m. **Aerial Thermal Mapping Solutions – Finding Hot Spots**  
Areal solutions to age old problems – locate temperature readings on aerial imagery in and around your landfill within less than 3 feet, referenced to your coordinate systems – temperature within 1 degree.  
**Jo K. House**, P.E., P.G., House Engineering, LLC  
**Mark DiLeo**, C.P., Mapping Technologies, Inc.
- 10:45 a.m. **Case Studies in Leachate Recirculation and Evaporation**  
Presentation of methods and case studies from leachate recirculation and evaporation projects at 2 Class 1 landfills.  
**Jessica Preston**, Waste Management, Inc  
**Jackie Moore**, Waste Management, Inc  
**Michael Moore**, Waste Management, Inc
- 11:30 a.m. Lunch  
Hall 2-Lower Level

Thursday, April 26, 2012

**Sustainable Practices Session  
Conference Room 10**

- Moderator: **Mark Penland**, Office of Sustainable Practices, TDEC
- 8:00 a.m. **Reduce/Reuse Achievements in Highway Construction**  
Summer-Taylor, Inc is one of the largest heavy and highway construction companies in the state. They have been recycling for 30 years and the mixture and amounts of recyclables are increasing.  
**Grant Summers**, Summers-Taylor Inc.
- 8:25 a.m. **Employee Initiated Waste Diversion: A Success Story**  
How employee suggestions and efforts have led to a 59% diversion rate for the facility  
**Hilary Radford**, James H Quillen VA Medical Center
- 8:50 a.m. Break
- 9:10 a.m. **The Volunteer State Solar Initiative: Status of the Solar Industry in Tennessee**  
**John Sanseverino**, PhD, PMP, Tennessee Solar Institute, University of Tennessee
- 9:40 a.m. **Using Photosynthesis to Produce Efficient & Inexpensive Energy**  
Learn more about new technologies being developed at the University of Tennessee that include using photosynthesis to produce energy!  
**Barry D. Bruce**, PhD, Biochemistry, Cellular & Molecular Biology Department, University of Tennessee
- 10:05 a.m. **So You Wanna “Go Green” - What about Green Buildings?**  
Curious about green building? Get your questions answered and learn about the most basic premises of green building.  
**Paul Sutton**, LightWave Solar
- 10:30 a.m. **Alternative Fuels Update 2012**  
A focus on the hottest projects and newest technologies for alternative fuels in Tennessee.  
**Jonathan Overly**, East TN Clean Fuels Coalition
- 11:30 a.m. Lunch  
Hall 2-Lower Level

Wednesday, April 25 2012

**Remediation Session  
Conference Room 10**

- Moderator: **Andy Shivas**, Division of Remediation, TDEC
- 1:00 p.m. **Vapor Intrusion Investigation/Mitigation**  
For the DCERP Program, Vapor Intrusion is not an emerging issue. Investigating and evaluating vapor intrusion exposure is a program challenge encountered at many sites.  
**Charles Rowan**, Division of Remediation, TDEC
- 1:25 p.m. **Meth – Authorized Central Storage (ACS) Container Program**  
A review of the Tennessee ACS Container Program implemented to cost effectively and efficiently manage bulk chemical wastes resulting from clandestine methamphetamine labs.  
**Chris Andel**, Division of Remediation, TDEC  
**Tommy Farmer**, Tennessee Methamphetamine and Pharmaceutical Task Force
- 1:50 p.m. **USGS – Contaminant Transport & Remediation in Karst**  
**Michael Bradley**, US Geological Survey
- 2:35 p.m. Break
- 2:45 p.m. **Remedial Actions at the Copper Basin Mining Site and Resulting Load Reductions to the Ocoee River**  
Removal of mining impacted materials, construction of caps, surface water diversions, and treatment of acid mine drainage and resulting metals reductions to the Ocoee River  
**Griff Wyatt**, Barge Waggoner Sumner & Cannon
- 3:30 p.m. **Brownfield Redevelopment Case Studies: the Gulch and the Nashville Riverfront**  
Discussion of the administrative and technical issues addressed at two brownfield redevelopment projects in Nashville, TN  
**Evan Spann**, Division of Remediation, TDEC
- 4:00 p.m. **Division of Remediation – Program Overview and Update**  
An overview of the TDEC/Division of Remediation including who we are, what we do, organizational structure and several available tools.  
**Andy Binford**, Division of Remediation, TDEC
- 4:30 p.m. Session Adjourns

Thursday, April 26, 2012

**SWANA Session  
Conference Rooms 1-3**

- Moderator: **Mary Anderson**, Tennessee Volunteer Chapter SWANA
- 12:30 p.m. **Comparative Analysis of Waste Conversion Technologies**  
An overview of the more common waste conversion technologies that are in use today  
**Steve Batiste**, P.E., Brown and Caldwell
- 1:00 p.m. **Leachate Management: Planning for the Future**  
**Michael E. Mecredy**, Brown and Caldwell
- 1:30 p.m. **Disposal Dilemma – How to Characterize Liquid Waste, When it is Treated as a Solid?**  
Containerized waste samples are sampled and sent to the lab for TCLP testing for disposal purposes. Samples are instead prepared using the waste dilution method...how does this relate to TCLP regulations?  
**Julia Caprio**, Geosyntec Consultants
- 2:00 p.m. **Break – Ice Cream Social in Exhibit Hall**
- 2:30 p.m. **27<sup>th</sup> Avenue Transfer Station Expansion and Retrofit: Lessons Learned from Three Phases to Success**  
Discussion of the benefits and lessons learned from a successful three-phased process of Programming, Design and Construction in Phoenix, Arizona  
**Shane R. Womack**, P.E., HDR Engineering, Inc.
- 3:00 p.m. **Ask the Right Questions First: How to Decide if That New Waste Disposal Technology is What You Need**  
10 Key questions to ask when deciding whether waste conversion technology make sense for your community.  
**Marc J. Rogoff**, PhD SCS Engineers
- 4:00 p.m. Session Adjourns

**SWANA Continuing Education Credits will be available at the conference. A total of 12 CEUs can be claimed for attending the entire conference.**

**CEU forms for SWANA will be available at the TN SWANA Booth and at the Solid Waste Technical, SWANA and Waste Reduction and Recycling sessions.**

**Hazardous Waste Session  
Conference Rooms 4-5**

- Moderator: **Garey L. Mabry**, P.E., Solid Waste Management, TDEC
- 1:00 p.m. **Information Systems – Cradle to Grave Management of Waste Using Customized SAP Software**  
The trend to computerized tracking of materials is evident in both retail and manufacturing, but is also now being used in waste management. Eastman Chemical Company utilizes the Environmental Management Information Systems (EMIS) to track the generation and disposal of waste, cradle to grave. The presentation is applicable to both generators and TSDFs.  
**Marsha Edwards**, Eastman Chemical Company
- 1:50 p.m. **Due Diligence Issues – Ensuring Environmental Compliance for Off-Site Disposition and Recycling of Waste from the Y-12 Security Complex**  
An outline of procedures B&W Y-12 uses to evaluate off-site Treatment, Storage, Disposal, and Recycling facilities (TSDRFs) to ensure the safe and legal management of materials generated at the Y-12 National Security Complex.  
**Kim Davis**, PhD, P.E., Spectra Tech, Inc.  
**Brad Skaggs**, B&W Y-12
- 2:15 p.m. Break
- 2:30 p.m. **Compliance Issues - The Top Ten Hazardous Waste Violations & How to Avoid Them**  
The top ten violations presentation notes the most common violations that occur during RCRA inspections and how to avoid them. Includes helpful notes on achieving compliance with assistance from the inspector.  
**Candy Overstreet**, Solid Waste Management, TDEC
- 3:15 p.m. **Waste Determination Issues - Hazardous Waste Status of Aluminum Production Wastes**  
Evaluating the hazardous waste status of dross, salt cake and other waste from aluminum production sheds light on the details of HW Characteristics and how to make a HW determination.  
**Dwight Hinch**, TriAD Environmental Consultants, Inc.
- 4:00 p.m. Session Adjourns

**Waste Reduction and Recycling Session  
Conference Rooms 8-9**

- Moderator: **Robert Wadley**, Solid Waste Management, TDEC
- 12:30 p.m. **Composting in the Southeast**  
Food waste collection programs for both residential and commercial applications require proper planning, permitting, and participation in order for the programs to be successful.  
**Glen Pugh**, Solid Waste Management, TDEC  
**Doug Hill**, EcoSafe Zero Waste  
**Scott Thorpe**, The Compost Company  
**Edward Wansing**, The Compost Company
- 2:00 p.m. **Ice Cream Social – Exhibit Hall**
- 2:30 p.m. **Community Approach to Recycling**  
Municipal solid waste and recycling managers can be powerful forces in their communities. The cities of Athens and Franklin will share their efforts to impact the region's goals and result in resources for their communities. Cumberland County will share their efforts to collect more glass, save money, and find local markets in their community.  
**Shawn Lindsey**, City of Athens, Tennessee  
**Becky Caldwell**, City of Franklin, Tennessee  
**Kenneth Carey, Jr.**, Cumberland County
- 4:00 p.m. Session Adjourns

**Do you have a topic to suggest???**  
**Contact Tommy Himes (615-532-0788) or Mary Evans (615-532-0798)**

Researchers, educators, government officials, consultants, managers, community leaders and others with an interest in solid waste, hazardous waste, recycling and other waste related topics are invited to submit papers for oral presentation at the conference.

Papers relating to all aspects of solid waste, hazardous waste and recycling technologies and management are of interest, including:

-Landfill topics	-Policy	-Education
-Regulations	-Household hazardous wastes	-Remediation
-Innovative Technologies	-Recycling	
-Public involvement	-Waste Reduction	

**Waste Reduction and Recycling Session**  
Conference Rooms 8-9

- Moderator: **Debbie Temple**, Solid Waste Management, TDEC
- 8:00 a.m. **Product Stewardship Initiatives**  
A variety of product stewardship programs and extended producer responsibility laws are currently in place in the southeast. Learn how your program could benefit from increased recycling rates, reduced government spending, and private sector efficiencies to reduce the overall cost of recycling.  
**Sierra Fletcher**, Product Stewardship Institute  
**Scott Mouw**, North Carolina Dept. of Environment and Natural Resources  
**Paul Gardner**, Recycling Reinvented
- 9:25 a.m. **Break**
- 9:35 a.m. **Plastics – Feedstock for Tennessee Business**  
Manufacturing with recycled plastics creates 93 U.S. jobs for every 10,000 tons recycled. Two Tennessee manufacturers that rely upon recycled PET bottles and plastic film will share how they are investing in the plastics recycling industry and explain their need for additional feedstock. This session will also address some common myths and misconceptions in plastic recycling, as well as the future outlook for bottle collection  
**Kimberly Martin**, VIAM Mfg.  
**David T. Price**, Petoskey Plastics Greencore Recycling Division  
**Keefe Harrison**, Resource Recycling Systems
- 11:00 a.m. Lunch  
Hall 2-Lower Level

**Toxic Substances Session**  
Conference Rooms 4-5

- Moderator: **B. Paulette Barton**, Solid Waste Management, TDEC
- 8:00 a.m. **Rebuilding Neighborhoods: A Holistic Approach to Healthy Homes**  
The nation's leading non-profit organization working to preserve affordable homeownership and revitalize communities by providing free rehabilitation and critical repairs to the homes of low-income Americans  
**Laura Price**, Rebuilding Together Nashville
- 8:20 a.m. **Public Health Risks of the Indoor Environment: Asthma Triggers**  
The air we breathe in homes, workplaces and other enclosed setting may contain pollutants that could potentially affect our health, such as asthma triggers and other respiratory responses  
**Sanmi Areola**, PhD, Nashville/Davidson Co. Metro Health Department
- 9:00 a.m. **Healthy Housing**  
Encompassing seven principles, healthy housing takes a holistic approach to assessing and mitigating housing by considering the structure, the people who live there, and potential hazards  
**Martha Keel**, PhD, Housing and Environmental Health, UT Extension
- 9:30 a.m. **Regulatory Compliance of the “Green” Environmental Management System (GEMS) at the Veterans Administration (VA) Medical Centers: Part 1 of 2**  
The VA hospital system's local, state, and federal environmental regulatory compliance program as managed by the VA's GEMS and practiced at the Nashville and Murfreesboro VA Medical Centers  
**Mala L. Beard**, PhD, CIH, Tennessee Valley Healthcare System
- 9:55 a.m. Break
- 10:10 a.m. **Sustainability Programs of the “Green” Environmental Management System (GEMS) at the VA Medical Centers: Part 2**  
The goals and outcomes of the sustainability programs (recycling, decreased energy, and water use, etc.) at the Nashville and Murfreesboro VA Medical Centers  
**Mala L. Beard**
- 10:45 a.m. **The Great Indoors: Radon and Green Buildings**  
Radon, the leading cause of lung cancer amongst nonsmokers, claims about 20,000 lives each year. The new Federal Radon Action Plan may reduce this number. Other indoor pollutants may also cause health issues. “Building Green” can avoid some health issues and create a more comfortable and durable building.  
**Henry Slack**, Indoor Air & Green Buildings, EPA Office of Indoor Air Program
- 11:20 a.m. Q & A
- 11:30 a.m. Lunch  
Hall 2-Lower Level

**Innovative Technologies Session  
Conference Rooms 4-5**

- Moderator: **Roger Donovan**, Solid Waste Management, TDEC
- 12:30 p.m. **Use of Mann-Kendall Test for Analysis of Groundwater Contaminant Plume Stability and Monitoring Well Sampling Frequency**  
Description of worksheet-based approach to apply the Mann-Kendall (MK) Test on time-series sampling results selected contaminants of concern to identify stable, expanding, or diminishing plume conditions and appropriate sampling frequency.  
**Jeffrey R. Walker**, Elvado Environmental LLC
- 1:00 p.m. **In-Situ Chemox & Enhanced Bio-stimulations to Treat NAPL and Dissolved-Phase Wood Treating Chemicals in Groundwater**  
A focus on an innovated approach for remediating groundwater impacted by NAPL, PCP and Creosote at an active wood treating facility. A pilot study and an in-situ chemical oxidation (ISCO) injection event were conducted in the source locations.  
**Emily Wiggins**, P.G., EarthCon Consultants, Inc.
- 1:30 p.m. **Remediation Systems Benefit Analysis for Multiple Sites in Tennessee**  
RSBA evaluates if active remediation may be considered efficient or inefficient based on selected evaluation criteria. Three case studies will be presented showing the utility of RSBA.  
**Joseph A. Ricker**, P.E., EarthCon Consultants, Inc.  
**George D. Mayo**, P.G., EarthCon Consultants, Inc.
- 2:00 p.m. Ice Cream Social – Exhibit Hall**
- 2:35 p.m. **Sustainable Bioreactor Technology for Contaminated Ground Water Treatment**  
A fixed film, anaerobic bioreactor was shown to provide cost, performance and sustainable benefits compared to a groundwater treatment plant using physical and chemical treatment process.  
**Duane Graves**, PhD, Geosyntec Consultants, Inc.
- 3:05 p.m. **Characterization and Remediation of Metals in Groundwater Associated with Coal Combustion Products including MNA Applications**  
How metals can be evaluated to differentiate sources, background conditions and design risk based remediation, including monitored natural attenuation.  
**Berny Ilgner**, ARCADIS  
**Jeff Gillow**, PhD, ARCADIS
- 3:55 p.m. **Optimization Review of a Remedy in Place – SWMU 5, Coffee County Landfill, Arnold Air Force Base, Tullahoma, Tennessee**  
A team was assembled to perform a review of the environmental restoration program at the Base including the remedy for the closed 100 acre Coffee County Landfill. This presentation provides an update of the successful optimization process.  
**Ken Oma**, Brown and Caldwell  
**Dennis Timmons**, Arnold Engineering Development Complex  
**Greg Sandlin**, P.E., Aerospace Testing Alliance
- 4:30 p.m. Session Adjourn

**Waste Reduction and Recycling Session  
Conference Rooms 8-9**

- Moderator: **Louis Bordenave**, Solid Waste Management, TDEC
- 1:00 p.m. **Beneficial Tire Derived Products and Projects**  
Scrap tires markets go beyond tire-derived fuel. Crumb rubber used in the manufacture of asphalt and on natural grass athletic surfaces improves safety, performance, longevity, and costs compared to traditional alternatives.  
**Douglas D. Carlson**, Liberty Tire Recycling,  
Rubberized Asphalt  
**John Sorochan**, PhD, University of Tennessee Center for Athletic Field Safety
- 2:30 p.m. **Break**
- 2:40 p.m. **Recycling Programs – Design for Maximum Recovery**  
Maximize material recovery rates by exploring the fundamental actions of supply and demand...the expected effects are not always realized. Also, take a look at the implementation of a “recycling friendly” commercial waste franchise and learn how one major waste handler is moving toward sustainable materials management.  
**Will Sagar**, Southeast Recycling Development Council (SERDC)  
**David Stead**, Resource Recycling Systems  
**Jessica Preston**, Waste Management, Inc.
- 4:00 p.m. Session Adjourns

**TREASURE HUNT**

**A chance to win \$150.00!**

**Fill out form at each booth for a chance to win \$150.00 cash. Enjoy the fun of looking for a treasure. Get details at registration desk.**

**Sponsored by First Response.**

Thursday, April 26, 2012

**Environmental Law Session  
Conference Rooms 6-7**

- Moderator: **Max A. Fleischer**, Office of General Counsel, TDEC
- 8:00 a.m. **Tennessee Clean Air Act Challenges 2012: Non-Attainment, GHG & More**  
Some emerging topics of interest related to the Clean Air Act for Tennessee. This presentation will apply to industry and local government officials as well as attorneys and other professionals.  
**Rick Bolton**, EnSafe  
**Jim Renfro**, Great Smoky Mountains National Park  
**Steven R. Stout**, Office of General Counsel, TDEC
- 8:50 a.m. Break
- 9:00 a.m. **Administrative Law**  
Addressing various aspects of the procedure for contested case hearings under the Tennessee Administrative Procedures Act. Special attention will be given to the issues of appeals of an ALJ's procedural rulings as well as the standards for disqualifications for both agency members and ALJs.  
**Tom Stovall**, Secretary of State's Office
- 9:50 a.m. Break
- 10:00 a.m. **Dispute Resolution in Environmental Cases**  
Reviews the use of dispute resolution, including mediation and facilitation in environmental disputes. Describes how techniques can save time, money and preserve relationships.  
**David L. Harbin**, Environmental Attorney  
**Tom Stovall**, Secretary of State's Office
- 11:00 a.m. Lunch - Hall 2 – Lower Level
- Moderator: **James C. Wright**, Butler, Vines & Babb
- 12:30 p.m. **Ethics: Attorney Well Being in the 21<sup>st</sup> Century**  
A focus on various aspects of the practice of law from an attorney covering behavior as well as theoretical approaches to its practice in the 21<sup>st</sup> century.  
**Andy Branham**, Counsel on Call  
**Sean Lewis**, Law Offices of Sean Lewis, PLLC
- 2:00 p.m. **Ice Cream Social – Exhibit Hall**
- 2:30 p.m. **Ethics: 2012 Update**  
An update on recent developments in attorney ethics in 2012  
**Carl Pierce**, University of Tennessee College of Law  
**Paula Schaefer**, University of Tennessee College of Law
- 4:00 p.m. Session Adjourns

Wednesday, April 25, 2012

**Environmental Law Session  
Conference Rooms 6-7**

- Moderator: **E. Joseph Sanders**, Office of General Counsel, TDEC
- 1:00 p.m. **Recent Cases and Regulatory Update**  
**Alan Leiserson**, Office of General Counsel, TDEC
- 1:50 p.m. Break
- 2:00 p.m. **State Environmental Crimes Panel**  
Discussion of recent investigation of State environmental crimes  
**Milton Bonds, Jr.**, Memphis Police Department  
**G. Kirby May**, Shelby County District Attorney General's Office  
**Torian Harris**, Tennessee Department of Environment and Conservation  
**Troy A. McPeak**, Office of the Attorney General  
**Rob Ratton**, Shelby County District Attorney General's Office
- Office
- 2:50 p.m. Break
- 3:00 p.m. **Developments in Water Pollution Regulations**  
**Saya Qualls**, Water Pollution Control, TDEC
- 4:00 p.m. Session Adjourn

**Continuing Legal Education will be offered through the Tennessee Bar Association. Attorneys who wish to receive CLE credit must complete a Certificate of Attendance available in the Environmental Law Sessions and pay the additional \$75.00 fee.**

# ENVIRONMENTAL SHOW OF THE SOUTH

WEDNESDAY, APRIL 25, 2012

7:30 A.M. 8:00 A.M.	<b>Conference Registration</b> (Convention Center, Lower Level) <b>Exhibition Area Visitation and Continental Breakfast</b> (The Exhibit Area will be closed from 9:00 A.M. - 10:45 A.M.)	9:00 A.M.	Opening General Session (Hall 1, Lower Level) Welcome: Shari Meghreblian, Deputy Commissioner Tennessee Department of Environment and Conservation Opening Remarks: Robert J. Martineau, Jr., Commissioner Tennessee Department of Environment and Conservation Keynote Address: Gwendolyn Keyes Fleming, Regional Administrator U.S. Environmental Protection Agency, Region 4
10:45 A.M.	<b>Exhibit Hall</b> (Hall 3, Lower Level) All exhibitors are encouraged to attend the Opening Session.		

	SOLID WASTE TECHNICAL SESSION UPPER LEVEL (ROOMS 1-3)	HAZARDOUS WASTE SESSION UPPER LEVEL (ROOMS 4-5)	ENVIRONMENTAL LAW SESSION UPPER LEVEL (ROOMS 6-7)	WASTE REDUCTION AND RECYCLING SESSION UPPER LEVEL (ROOMS 8-9)	REMEDIATION SESSION UPPER LEVEL (ROOM 10)
1:00 P.M.	RCRA Equivalent Cover Construction Utilizing and Evapotranspiration Soil cover  Maintaining Health Landfill Vegetative Cover & Effective Erosion Control Systems  Slope Stability Evaluation of a Wet MSW Landfill Utilizing Cone Penetrometer Testing  Veneer Failure at a Middle Tennessee Landfill	Information Systems - Cradle to Grave Management of Waste Using Customized SAP Software  Due Diligence Issues - Ensuring Environmental compliance for Off-Site Disposition and Recycling of Waste from the Y-12 Security Complex  Compliance Issues - The Top Ten Hazardous Waste Violations & How to Avoid Them  Waste Determination Issues - Hazardous Waste Status of Aluminum Production Wastes	Recent Cases and Regulatory Updates  State Environmental Crimes Panel  Developments in Water Pollution Regulations	Beneficial Tire Derived Products and Projects  Recycling Programs - Design for Maximum Recovery	Vapor Intrusion Investigation/Mitigation  Meth - Authorized Container Storage Program  USGS - Contaminant Transport & Remediation in Karst  Remedial Actions at the Copper Basin Mining Site and Resulting Load Reductions to the Ocoee River  Brownfield Redevelopment Case Studies: The Gulch and the Nashville Riverfront  Division of Remediation - Program Overview and Update
4:00 P.M.	<b>Refreshment Breaks</b> (Exhibit Hall, Greenbrier Room and Elkmont Room) Conference-Wide Dinner & Hospitality sponsored by Rebrpublic Services Company at the Gatlinburg Convention Center Entertainment Sponsored by Waste Management at the Gatlinburg Convention Center (featuring the Hobie Scaggs Band)				

THURSDAY, APRIL 26, 2012

7:30 A.M. 7:30 A.M. 8:00 A.M. 8:00 A.M.	Conference Registration (Convention Center, Lower Level) Continental Breakfast (Hall 3, Lower Level) Exhibition Area Visitation When "Sludge" is not a Four-Letter Word  Innovative Technologies to Estimate Borrow Material Quantity  Aerial Thermal Mapping Solutions - Finding Hot Spots  Case Studies in Leachate Recirculation and Evaporation	<b>TOXIC SUBSTANCES SESSION UPPER LEVEL (ROOMS 4-5)</b> Rebuilding Neighborhoods: A Holistic Approach to Healthy Homes  Public Health Risks of the Indoor Environment: Asthma Triggers  Healthy Housing  Regulatory Compliance of the GEMS at the Veteran Administration Centers  The Great Indoors: Radon and Green Buildings	Tennessee Clean Air Act Challenges 2012: Non-Attainment, GHG & More  Administrative Law  Dispute Resolution in Environmental Cases	Product Stewardship Initiatives  Plastics - Feedstock for Tennessee Business	<b>SUSTAINABLE PRACTICES SESSION UPPER LEVEL (ROOM 10)</b> Reduce/Reuse Achievements in Highway Construction  Employee Initiated Waste Diversion: A Success Story  The Volunteer State Solar Initiative: Status of the Solar Industry in Tennessee  Using Photosynthesis to Produce Efficient & Inexpensive Energy  So You Wanna "Go Green"- What about Green Buildings?  Alternative Fuels Update 2012
11:00 A.M.	<b>Lunch</b> (Hall 2, Lower Level)				
12:30 P.M.	<b>SWANA SESSION UPPER LEVEL (ROOMS 1-3)</b> Comparative Analysis of Waste Conversion Technologies  Leachate Management: Planning for the Future  Disposal Dilemma - How to Characterize Liquid Waste, When it is Treated as a Solid  27th Ave Transfer Station Expansion and Retrofit: Lessons Learned from Three Phases to Success  Ask the Right Questions First: How to Decide if That New Waste Disposal Technology is What You Need	<b>INNOVATIVE TECHNOLOGIES SESSION UPPER LEVEL (ROOMS 4-5)</b> Use of Mann-Kendall Test for Analysis of Groundwater Contaminant Plume Stability  In-Situ Chemox & Enhanced Bio-stimulations to Treat NAPL and Dissolved-Phase Wood Treating Chemicals  Remediation Systems Benefit Analysis  Sustainable Bioreactor Technology  Characterization and Remediation of Metals in Groundwater Associated with Coal Combustion  Optimization Review of a Remedy in Place - SWMU 5, Coffee County Landfill, Arnold Air Force Base	Ethics: Attorney Well Being in the 21 <sup>st</sup> Century  Ethics: 2012 Update	Composting in the Southeast  Community Approach to Recycling	<b>HOT TOPIC UPPER LEVEL (ROOM 10)</b> Engineering Challenges in the Knox Group of East Tennessee  More Than PR: Campaign Approach to Solid Waste Permitting  Regulation of Air Emissions from Solid Waste Landfills  Challenges in Planning the Closure of the Nation's Last Open Dump  Developing a Corporate Sustainability* and Zero Landfill Culture - From the Trenches  Waste-to-Energy: A Biomass Energy Solution
4:30 P.M.					

CLOSING WASTE SESSION -LOWER LEVEL (Hall 1)

FRIDAY, APRIL 27, 2012

8:30 A.M.	Continental Breakfast (Hall 1)				
9:00 A.M.	Another Pair of Eyes & and Fresh Look: Why Your Company Should Focus and Refocus on Health and Safety Compliance The Obligation to Report Historical Contamination in Tennessee Planning for Tennessee's Catastrophic Earthquake Risk: Enhance Emergency Preparedness with the Ready TN Mobile App Legislative Update				
11:00 A.M.	Adjourn				