The V.R.A. Welcomes You
to the
2015 Annual Conference
The Leading Resource for Litter, Recycling & Solid Waste in Virginia

President
Tim Lee, TFC Recycling

Vice President
Debbie Spiliotopoulos, Northern Virginia Regional Commission

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Craig Coker, Coker Composting & Consulting

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Member
Fred Cornell, Sims Metal Management

Member
Christine McCoy, Envirosolutions, Inc.

Member
Sam Wolford, Tazewell County

Member
Toby Edwards, Cumberland Plateau Regional Waste Authority

Ex Officio
Steve Coe, Virginia Department of Environmental Quality

Staff:
Erica Trout, Association Manager

Volunteer Webmaster:
John Snarr, Metropolitan Washington Council on Governments

Thank You!
The following people dedicated their time and talents to make this conference educational, forward-thinking and fun!

Tim Lee, Sam Wolford, John Snarr, Toby Edwards, Debbie Spiliotopoulos, Christine McCoy, Erica Carter, Bridgid Maciejewski and Pieter Conradie

Meet Our Sponsors & Exhibitors

TFC Recycling
Commercial and municipal residential recycling and solid waste removal. Cutting edge technology to process the materials it collects from businesses and residents in Virginia and North Carolina.
www.tfcrecycling.com

Trex
Turns millions of pounds of reclaimed plastic and waste wood each year into Trex decking. Raw materials come from recycled plastic grocery bags, reclaimed pallet wrap and waste wood.
www.trex.com

VersAbility Resources
Responsibly dispose of your technology while securing data and privacy. With VersAbility Resources’ Electronics Recycling in Hampton Roads, individuals with disabilities earn wages by disassembling computers and keeping tons of waste and harmful materials out of local landfills.
www.versability.org

Virginia Composting Council
Virginia becomes the fourth regional chapter of the USCC, which is growing due to the increased diversion efforts of communities who are removing food scraps along with the traditional yard trim from disposal.
www.compostingcouncil.org

WM Recycle America
Provides manufacturers with high quality raw materials and offers communities and businesses more effective and affordable recycling program options.
www.recycleamerica.com

Wastequip / Toter
The leading manufacturer of waste handling & recycling equipment, we specialize in systems and solutions to collect, store, transport and handle a wide range of wastes. We manufacture a variety of quality products including dumpsters, waste handling equipment, compactors, balers and a complete line of both steel & plastic waste handling equipment products for easy one-stop sourcing.
www.wastequip.com

At the end of the conference, drop off your name badges at the registration table. We’ll use them again next year.
Tuesday May 5

Registration Begins, Exhibit Hall Opens, Breakfast
Ocean Grand Foyer

WELCOME & OPENING
Cape Charles
Tim Lee, President, Virginia Recycling Association

KEYNOTE ADDRESS: Jerry Powell, Editor, Resource Recycling, Inc.

BREAK

LAYING THE GROUNDWORK FOR ZERO WASTE
Cape Henry I

Moderator: Erica Carter
Neil Selman—Institute for Local Self Reliance
Stacey Demers—SCS Engineering

THE CORE OF LITTER EDUCATION & OUTREACH
Cape Henry II
Learn about a holistic approach to combatting litter. Recycling litter from pick-ups.

Jen Cole—Clean Fairfax Council
Allison Lohrenz—Arlington County Department of Environmental Services

RECYCLING EDUCATION & OUTREACH FOR THE GENERATIONS
Cape Hatteras
Changing outreach methods for the generations including using various types of social media. Education methods at colleges and universities. Outreach methods in our neighboring state of North Carolina.

Moderator: Michelle Minstell
Barbara McConnell—MyWaste
Steve Heinitz—Virginia Commonwealth University Office of Sustainability
Heather Cashwell—North Carolina Division of Environmental Assistance
Tuesday May 5 (continued)

11:45 a.m. - 12:00 p.m.
BREAK

12:00 p.m. - 1:00 p.m.
LUNCH
Cape Charles

1:00 p.m. - 1:15 p.m.  TOUR DEPARTURE

VIRGINIA BEACH CONVENTION TOUR: Meet at registration area for directions and carpooling information. Tour will return at 3:00 p.m.

1:15 p.m. - 2:00 p.m.

ELECTRONICS: EPA RULES FOR CRT RECYCLING
Cape Henry I
The issue of new technologies LCD, LED and plasma) where the demand for new CRTs has dropped resulting in a glut of used CRTs and CRT glass accumulation.

Moderator: Debbie Spiliotopoulos
Scott MacDonald—Prince William County
Chris O’Handley—Versability Resources

EXCEEDING EXPECTATIONS: FESTIVALS, EVENTS, RESTAURANTS
Cape Henry II
Waste diversion efforts and food collection at large outdoor events. Improving restaurant and other business recycling in support of the upcoming World Cycling Championships that are taking place in Richmond in Fall of 2015.

Tom Griffin—Virginia Green Travel Alliance

CONSTRUCTION & DEMOLITION RECYCLING
Cape Hatteras
Case studies to illustrate how effective C&D recycling can be, including an example where disposal costs were reduced by $250,000 annually.

Moderator: Erica Carter
Kimberley Pexton—HITT Construction
Kevin Herb—Broad Run Recycling

2:00 p.m. - 2:15 p.m.
BREAK

Meet Our Sponsors & Exhibitors

Ask HR Green
A public awareness program of 17 cities and counties in Hampton Roads administered through the Hampton Roads Planning District Commission (HRPDC), which encourages environmental stewardship among all residents here in southeastern Virginia.
www.askhrgreen.org

BE Equipment
BE Equipment sells and services recycling equipment, waste reduction equipment, and solid waste handling equipment. We offer a wide variety of new, reconditioned and used recycling equipment including but not limited to: balers, conveyors, sorting systems, shredders, commercial/industrial compactors, MRF systems, core strippers, and briquetters.
www.beequipment.com

Covanta
Energy-from-Waste facilities convert municipal solid waste into renewable energy for numerous communities, predominantly in the United States.
www.covantaenergy.com

Envirosion Technologies
As a plastics recycler we accept the following materials: #1 PET Strapping, Food trays, and product Preforms. #7 ABS, Any Bulky Rigid Plastics Dunnage, Pallets.#2 HDPE Crates, Totes, Bins and Trash Carts #4 LDPE Film Grades A-C#4 LLDPE, Film Grades A-C#6 PS- Polystyrene EPS Blocks#5 PP, Automotive applications. Homo and Co Polymer, BOPP printed films.
www.evtusa.com

Glasdon, Inc.
50 years ago, convinced of the potential of plastic material, Glasdon pioneered the use of plastic material for road signs and street furniture, which offered low cost and long life compared to conventional materials. Today, Glasdon remains a market leader in the supply of recycling bins, trash receptacles, cigarette units, benches and safety equipment.
www.glasdon.com

Joyce Engineering
Full-service solid waste management consulting firm specializing in engineering and environmental solutions for solid waste management—from siting to post-closure management or environmental remediation.
www.joyceengineering.com

MXI Environmental
In 2001 MXI built a custom Materials Recovery Facility in Abingdon, to provide services for universal and industrial waste disposal management and offer beneficial reuse of exempt hazardous waste. The MRF has a Distilled Spirits Plant onsite, enabling MXI to recycle and reclaim fuel grade ethanol from streams containing alcohol.
www.mxinc.com

OmniSource SE
OmniSource Corporation is one of North America's largest processors and distributors of scrap metals. Our more than 70 U.S. scrap collection and processing facilities, including 11 operating shredders, provide the capacity to process 7 million tons of ferrous scrap annually, and more than a billion pounds of nonferrous metals.
www.omnisource.com
RURAL RECYCLING: BETWEEN A ROCK AND A HARD PLACE
Cape Henry I
Moderator will pose questions for group conversation.
Toby Edwards—Cumberland Plateau Regional Solid Waste Authority

MEASURING WATERSHED LITTER
Cape Henry II
A blueprint for planning your own surveys to better understand the components of litter in your community and how this litter is affecting watersheds.
Steven Stein—Environmental Resources Planning, LLC

RECYCLING POLICY AND LEGISLATION
Cape Hatteras
Current and recent legislative and regulatory activity at DEQ. Guidance updates and upcoming solid waste initiatives.
Tim Lee—VRA Policy Chair
Joel Andrus—Kemper Consulting

Refreshment Break: Enjoy a refreshment while visiting our exhibitors.

DEQ: STAKEHOLDER UPDATE
Cape Hatteras
Status of recycling rate reporting and questions about DEQ’s resources available to local governments and citizens. Attendees invited to pass along strategies they incorporate into their recycling programs to attain the Solid Waste Hierarchy.
Steve Coe—Virginia Department of Environmental Quality
Leslie Beckwith—Virginia Department of Environmental Quality
Sanjay Thirunagari—Virginia Department of Environmental Quality

RECEPTION & SILENT AUCTION
After the sessions are over on Tuesday join us in the Grand Ocean Foyer Exhibit area and enjoy music, food and drinks. Included in conference registration.
### Wednesday May 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 a.m. - 9:00 a.m.</td>
<td>Registration, Exhibit hall opens, Breakfast</td>
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<tr>
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<td>Grand Ocean Ballroom</td>
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<tr>
<td>9:00 a.m. - 10:30 a.m.</td>
<td>MODERN MARKETS</td>
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<td></td>
<td>Cape Charles</td>
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<td>Glass – Bill Clark, Reflective Industries</td>
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<td>Paper/Plastic – Tim Lee, TFC Recycling</td>
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<td>Electronics – Kenny Loyall, Sims Metal Management</td>
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<td>Metal – Amy Salib, Sims Metal Management</td>
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<td>Organics – Craig Coker, Coker Composting and Consulting</td>
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<tr>
<td>10:30 a.m. - 11:00 a.m.</td>
<td>Refreshment Break: Enjoy a refreshment while visiting the exhibitors.</td>
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<tr>
<td>11:00 a.m. - 12:00 p.m.</td>
<td>KEEPING VIRGINIA BEAUTIFUL</td>
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<td>Cape Henry I</td>
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<td>Keep Virginia Beautiful will discuss their strong initiatives to support and promote recycling from a statewide perspective.</td>
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<td>Mike Baum – Keep Virginia Beautiful</td>
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<td>ORGANICS</td>
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<td>Cape Henry II</td>
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<td></td>
<td>The road to organics recovery: enhancing organics processing capacity, compost-based BMPs in green infrastructure applications, managing “road kill” on highways</td>
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<td>Bernard C. Osilka—Prince William County</td>
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<td>Douglas Ross—Freestate Farms, LLC</td>
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<td>Dr. Britt Faucette — Compost Wizard</td>
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<td>Jimmy White—Virginia Department of Transportation</td>
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<td>12:00 p.m. - 1:30 p.m.</td>
<td>MIXED WASTE PROCESSING</td>
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<td>Cape Hatteras</td>
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<td>Policy decisions effecting recycling programs and recovered material quality.</td>
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<td>Fran McPoland—Colling Swift &amp; Hynes</td>
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<td>AWARDS LUNCHEON (Door Prizes will be announced.)</td>
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<td>Cape Charles</td>
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<td>Exhibit Hall Closed, Program Closes</td>
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## TUESDAY MAY 5

<table>
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<tr>
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<tbody>
<tr>
<td>8:00 - 9:00</td>
<td>Registration Begins, Exhibit Hall Opens, Breakfast (Ocean Grand Foyer)</td>
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<tr>
<td>9:00 - 10:00</td>
<td>Opening Session &amp; Keynote Address (Cape Charles)</td>
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<tr>
<td>10:00 - 10:15</td>
<td>Break</td>
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| 10:15 - 11:45 | Zero Waste (Cape Henry I)  
Litter Education and Outreach (Cape Henry II)  
Recycling Education and Outreach (Cape Hatteras) |
| 12:00 - 1:00 | Lunch (Cape Charles)                                                |
| 1:00 - 1:15 | Break                                                              |
| 1:15 - 2:00 | Industry Tour: Convention Center                                    |
| 2:00 - 2:15 | Break                                                              |
| 2:15 - 3:00 | E-Waste (Cape Henry I)  
Greener Results (Cape Henry II)  
CDD (Cape Hatteras) |
| 3:00 - 3:30 | Refreshment Break                                                   |
| 3:30 - 5:00 | DEQ Stakeholder (Cape Hatteras)                                     |
| 5:00 - 5:30 | Break                                                              |
| 5:30 - 7:00 | Reception (Ocean Grand Foyer)                                       |

## WEDNESDAY MAY 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 - 9:00</td>
<td>Registration Open, Exhibit Hall Open, Breakfast (Ocean Grant Foyer)</td>
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<tr>
<td>9:00 - 10:30</td>
<td>Recycling Markets (Cape Charles)</td>
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<td>10:30 - 11:00</td>
<td>Refreshment Break</td>
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| 11:00 - 12:00 | KVB (Cape Henry 1)  
Organics (Cape Henry II)  
Mixed Waste Processing (Cape Hatteras) |
| 12:00 - 1:30 | Awards Lunch (Cape Charles)                                          |
| 1:30 | Program closes: Departure                                            |