



2016 Virginia Conference



May 18th to May 20th, 2016
Hilton Virginia Beach Oceanfront

About SWANA Old Dominion

The Old Dominion Chapter consists of over 300 professionals actively working in the solid waste field throughout the Commonwealth. Our members represent the largest cross section of solid waste managers, operators, and consultants in Virginia. We train more than 200 professionals in the various disciplines of solid waste management every year.

Our Association seeks to foster networking and cooperation among solid waste professionals, including regulators and provides educational opportunities to enhance members' expertise in the solid waste management field.

Vision Statement

The Old Dominion Chapter of SWANA will be the recognized leader in municipal solid waste management practices in Virginia.

Mission Statement

To advance the practices of environmentally and economically sound management of municipal solid waste in Virginia.

Chapter member benefits include:

- Professional Development Courses
- Certification Training
- Education Courses
- Quarterly Newsletter
- Chapter Committees
- Technical Assistance
- Legislative News and Information
- Awards and Scholarships
- Networking with Peers and Clients

Meet the SWANA Board Members Executive Committee



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SCS Engineers



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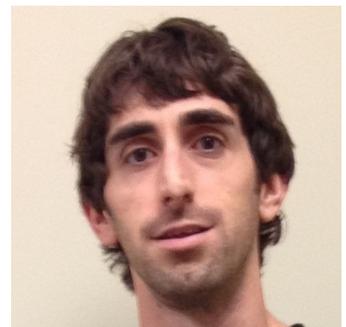
Timothy Torrez
Republic Services



Aaron White
HDR



Ex Officio
Leslie Beckwith
Virginia Department of Environmental Quality



YP Member
Nicholas S. Guarriello ,
SCS Engineers

Welcome to the 2016 SWANA Virginia Conference!

On behalf of our Chapter and its Board of Directors, I thank you for joining us and invite you to have an outstanding time while you are with us in Virginia Beach. Our Program Committee, led by Chair Ben Loveday, has put together a fantastic event offering an engaging mix of presentations and activities. I hope the conference exceeds your expectations and provides you with excellent value (and more than a little bit of fun!). To top it off, we are here oceanfront in the heart of one of Virginia's best destinations, the incomparable Virginia Beach!



As you look through the program, you'll see it was crafted to mix things up a bit from what has been offered in the past. Always a conference staple, we have our opening golf tournament on Wednesday morning to get things started. Different, and only available at the Virginia Beach location, is a free ocean cruise in the afternoon along the Virginia Beach waterfront – hopefully you booked your passage and won't miss out. Back at the Hilton, we'll get the conference underway with another departure from the norm during our Welcome Reception and Opening Sessions from 6:00 to 8:30 p.m. Don't expect a lot of technical jargon at the Opening Sessions – we have a number of non-technical, lighter topics to set the tone for a fun and thought-provoking evening.

Thursday and Friday we move to the main agenda with a variety of presentations, including updates from SWANA International and Virginia DEQ, several solid waste related features, and even a separate track on Collections issues. And, since we have noticed that participation in the afternoon sessions is inclined to drop off, especially at certain venues (the beach, maybe?), we are ending the presentations at 3:00 p.m. on Thursday to free up a bit of the afternoon for you. If you'd like, come back to the Hilton for Happy Hour from 5:00 to 6:00 p.m. before you hit the town for dinner and entertainment! After the morning presentations on Friday, the conference will wrap up at 11:30 a.m. with our grand prize drawing, and of course you must be present to win.

Thanks again for coming and please, have a great time!

Pete Carrico

President

SWANA, Virginia Old Dominion Chapter

Message from the Safety Ambassadors

Refuse collections fatalities have trended upward slightly from 33 to 35.8 per 100,000 workers. With the SLOW DOWN TO GET AROUND initiative signed by Governor McAuliffe the industry has taken a more in-depth look at what safety really means for our industry. Safety, is a way of life, it is a culture that has been often overlooked until something happens. The Old Dominion Chapter is making the effort to take a proactive approach to safety instead of a reactive look at what should have been done. In doing this we become and create a safer environment for everyone in and out of the industry.

Remember to stay 100% committed.

Dennis Batts and Jerod Roberts
Chapter Safety Ambassadors

Dennis Batts
Manager for Emergency
Operations and Safety
Fairfax County Solid Waste
Management Program



Jerod A Roberts
Superintendent of Waste Collections
City of Virginia Beach
Dept. of Public Works
Waste Management Division



Agenda

Wednesday, May 18

12:00 – 5:00	REGISTRATION Area Open	Prefunction Area Hilton Virginia Beach
2:00—5:00	Exhibit Set Up	Peacock Ballroom B&C
8:00 – 12:00	Golf Outing	Red Wing Lake Golf Course
3:30 – 5:00	Boating Cruise (Meet in Hotel lobby at 2:30 for transportation)	Captain Jack’s Pirate Adventures
6:00	Welcome: Opening Reception and Sessions Benjamin Loveday, Spotsylvania County	Peacock Ballroom B&C
6:45 – 7:15	Workplace Generations: The Dynamics of a Company	Pete Carrico, SCS Field Services Nicholas S. Guarriello, SCS Engineers
7:15 – 7:30	Boat Hull Recycling	Lynn Klappich, Draper Aden
7:30 – 7:45	The Goldfish Principle	Monica Boehringer, City of Manassas
7:45 – 8:00	The Bald Eagle Rescue	Nick Hassler, Draper Aden
8:00 – 8:15	Everything I Need to Know about Management I Learned at the Race Track	Steve Geissler, VPPSA
8:30	Session Close	



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Agenda

Thursday, May 19

7:00 – 8:30	Breakfast in Exhibit Hall	Peacock Ballroom B&C
7:00 – 4:00	Exhibit Hall Open	Peacock Ballroom B&C
	Moderator: Pete Carrico, Chapter President	Peacock Ballroom A
8:30 – 9:00	SWANA National Update	Meri Beth Wojtaszek, Deputy Executive Director of SWANA
9:00 – 9:30	Virginia DEQ Update	Justin Williams, Virginia Department of Environmental Quality
9:30 – 10:00	Virginia Stormwater Updates	Lynn Klappich, Draper Aden
10:00 – 10:30	Break in Exhibit Hall	Peacock Ballroom B&C
	Moderator: Benjamin Loveday, P.E., Spotsylvania County, VA	Peacock Ballroom A
10:30 – 11:00	Molding a Professional Workforce	Harvey Howard, City of Norfolk
11:00 – 11:30	Certification/Verification Surveys of Landfill Cell Construction	Bruce Flora, Flora Surveying
11:30 – 12:00	Ditching Your Sandals: Recycling Challenges	Monica Boehringer, City of Manassas
12:00 – 1:00	Lunch in Exhibit Hall: Awards & Scholarships Presented Young Professional Discussion Tables: A few tables are designated YP Tables in the lunch hall. We encourage YPs to meet at these tables where a mentor will be answering questions and leading discussions on an array of topics.	Peacock Ballroom B&C
1:00 – 3:00	BREAK OUT SESSIONS: (Sessions Will Start At Times Listed)	
General	Moderator: TBD	Peacock Ballroom A
1:00 – 1:30	Advantages of Artificial Turf Closure Cap at Louisa County Landfill	Richard Brown, P.E., Joyce Engineering
1:30 – 2:00	Drones and the Solid Waste Management Industry	Mike Lawless, CPG Draper Aden & Associates
2:00 – 2:30	Is UECA a Eureka? A Case Study of Westmoreland	Anthony Creech, Resource International
2:30 – 3:00	Life after Closure	Aaron White, HDR Gordon Briggs, City of Newport News
Collections	Moderator: John Barnes, City of Virginia Beach	Albemarle Hall
1:00 – 1:30	Distracted Driving	Jerod Roberts, Collections Superintendent, Virginia Beach, VA
1:30 – 2:00	TFC's Experience with RFID	Nikolas Larum, TFC Recycling
2:00 – 2:30	What You Need To Know About Truck Fires	Gary Kelly, Waste Management
2:30 – 3:00	"Secrets" to Virginia Beach's Award Winning Collections Program	John Barnes, Waste Management Administrator, Virginia Beach, VA
5:00 – 6:00	HAPPY HOUR IN THE EXHIBIT HALL	Peacock Ballroom B&C

Agenda

Friday, May 20

7:15 – 8:45	Breakfast in Exhibit Hall (Mentor Event)	Peacock Ballroom B&C
	Moderator:	Peacock Ballroom A
8:45 – 9:15	A study of the Distribution of Organic Groundwater Contamination	Thomas Laughlin, Draper Aden
9:15 – 9:45	Solar Pumping Lessons: Four Productive Years	Mark Bertane, Blackhawk Tech
9:45 – 10:15	Innovative Design for Leachate Collection Pipes	Ali Katami, SCS Engineers
10:15 – 10:30	Break	Peacock Ballroom B&C
10:30 – 11:00	Are Municipal Recycling Programs Still Affordable?	Jonathan Kiser, Kiser Environmental Consulting
11:00 – 11:30	Macro-encapsulation: Beneficial Reuse of Non-Traditional Materials to Safely Increase Landfill Airspace While Reducing Construction Costs	Jeff Crate, Waste Resources John P. Swenson, EnCAP-IT Scott Sheridan, P.E., Geosyntec Consultants
11:30 – 11:45	Conference Close and Grand Prize Drawing	Peacock Ballroom A



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Featured Speakers

John Barnes, City of Virginia Beach, is the Waste Management Administrator for the City of Virginia Beach. He is a SWANA Old Dominion Chapter Board member, the SWANA Collections and Transfer Technical Committee Awards Chair, and a SPSA Board member. John is a P.E., has a BS in Civil Engineering Technology, and a Master of Public Administration.

Leslie Beckwith is the Office Director for the Office of Financial Responsibility and Waste Programs for the Virginia Department of Environmental Quality. Leslie joined DEQ in the Office of Spill Response and Remediation in 1997 as a financial responsibility analyst. She graduated from Old Dominion University and has a Post Baccalaureate Certificate in Paralegal Studies from the University of Richmond.

Mark Bertane is the founder and president of Blackhawk Technology Company, the industry's leading provider of piston pumps, featuring the drive motor at surface level, above the wellhead. Following a career in the mining industry, Mark established Blackhawk in 1990 with the belief that rugged, simply designed, positive-displacement pumps -- utilizing a reciprocating piston rather than air forced down the well -- would help engineers, owners and operators pump virtually any liquid more efficiently and cost-effectively.

Monica Boehringer is the Refuse and Recycling Coordinator for the City of Manassas. Monica started her career, in 1989, working as an Associate Producer for "Good Morning America". In 1993, she moved to the United Kingdom and joined the staff of BBC Wales serving as a guest commentator on politics and international issues for over 14 years. Monica transferred her skills and experience to the voluntary sector and government bodies, in 2001, conceptualizing and delivering outreach and education campaigns for the Welsh Government, National Public Health Service Wales, South Wales Police, the Millennium Commission and Wales Council for Voluntary Action. In 2008, Monica accepted the opportunity to work with Environment Agency Wales as the lead for the launch of "Water is Precious", a national public program of education and information on water conservation.

Gordon Briggs, City of Newport News, is presently the Solid Waste Operations Superintendent where his duties include oversight of the city's inactive landfill, compost facility, household hazardous waste facility and convenience center. Mr. Briggs has been in the environmental industry since 1980 and has worked for both the public and private sector as an inspector for the EPA regulating the petrochemical industry and an environmental supervisor for a local waste authority. Mr. Briggs has had oversight of several closed and active landfills and their associated HHW programs. Mr. Briggs is a licensed Class I, II and III Facility Operator and is also active with the US Compost Council and an active member of the city's Public Works EMS team.

Rich Brown, P.E. is a Senior Technical Consultant at Joyce Engineering, Inc. in Richmond, Virginia where he heads the construction services team. He's the certifying Construction Quality Assurance (CQA) engineer for more than 50 new landfill cells and 20 closure caps. His experience includes the first vertical expansion of a landfill in Virginia using Mechanically Stabilized Earth Berm, and the first landfill in Virginia closed with a structured geomembrane/artificial turf cap. He received his Bachelor of Science in Civil Engineering degree from the University of Illinois at Urbana-Champaign. His Master of Science in Engineering degree is from the University of California at Berkeley. Mr. Brown is a registered professional engineer in seven states.

Pete Carrico, SCS Field Services, has over 30 years of experience in the solid waste profession, primarily with landfill gas management systems. In addition to being a Vice President of SCS Engineers, Mr. Carrico serves as Eastern Regional Manager for SCS Field Services (a division of SCS Engineers) Operation, Maintenance, and Monitoring Division. A graduate of the University of Virginia, Mr. Carrico is the current president of the Virginia Old Dominion Chapter of SWANA.

Jeff Crate, PG is a practicing professional who has specialized in the management of industrial and municipal waste for 38 years, and has worked in 11 states and abroad. He served as Vice President and Managing Principal/Partner at Draper Aden Associates, a regional Civil and Environmental Engineering firm, for over 30 years before retiring from the firm and subsequently founding Waste Resource Services, LLC in 2015. Waste Resource Services, LLC specializes in the application of innovative but proven technologies for the waste management industry. In 2012, Mr. Crate was awarded the NW&RA National Governor's Special Award for leadership and service in the field. In 2014 he was appointed by the Governor of Virginia to serve on the Virginia Waste Management Board.

Anthony Creech, PG: Mr. Creech is Section Manager, Groundwater and Geology at Resource International, Ltd., Ashland, Virginia. He has over 30 years of progressive experience in geology; hydrogeology; due diligence; solid waste; health and safety; and environmental compliance management, research, and evaluation. His areas of expertise include geologic and hydrogeological studies (e.g., water supply investigation, landfill siting and monitoring), site characterization, risk assessment, corrective action plans, environmental site assessments, and environmental compliance auditing.

Bruce Flora, PLS is the president and CEO of Flora Surveying Associates and Data Pro, a land surveying firm in South East Virginia that specializes in heavy construction surveying, consulting and 3-D modeling for machine control and GPS/RTK style construction stakeout and documentation. He has 36 years' experience, beginning his career with a degree in surveying from Penn State University in 1975 and is now licensed in five Mid-Atlantic States. He has been creating digital terrain models (DTM'S) for 25 years, machine control digital data for 15 years, GPS/RTK construction layout techniques for 14 years and owned/operated his business for 20 years. He is a Trimble Certified Trainer in Terramodel and the new Business Center-HCE software.

Steve Geissler is the Executive Director of the Virginia Peninsulas Public Service Authority (VPPSA). In this position, he oversees solid waste management services provided to ten cities and counties in southeast Virginia including curbside recycling, household chemical collection, yard waste composting, collection, transfer and disposal of solid waste and a number of recycling activities. He received a Bachelor of Science degree in Forest Engineering from the State University of New York College of Environmental Science and Forestry and a Master of Science degree in Civil and Environmental Engineering from the University of Wisconsin - Madison.

Nicholas S. Guarriello, P.E., SCS Engineers, is a Project Engineer at SCS Engineers in Richmond, VA primarily working on landfill gas design, permitting, and compliance reporting. He received his B.S. in Meteorology from Florida State University and is M.S. in Environmental Engineering from the University of Central Florida. He has been with SCS Engineers for over 6 years and is the SWANA YP representative for the state of Virginia.

Nick Hassler, Draper Aden, serves as a Project Manager in the CQA Engineering Department at Draper Aden Associates. His duties include providing management for the Construction Quality Assurance of new landfill cells, closures, site infrastructure improvements, and gas collection system projects.

Harvey Howard, City of Norfolk, Virginia is responsible for leading and coordinating the City's refuse, yard waste, bulky waste and recycling operations, project management and financial planning. Serves as liaison with citizens, policy makers and other City Departments and Regional Organizations.

Ali Katami is a Project Director and a Vice President of SCS Engineers. He is also the National Expert for Landfill Design and Construction Quality Assurance. He has nearly 40 years of research and professional experience in mechanical, structural, and civil engineering. Dr. Khatami has acquired extensive experience and knowledge in the areas of geology, hydrogeology, hydrology, hydraulics, construction methods, material science, construction quality assurance (CQA), and stability of earth systems. Dr. Khatami has applied this experience in the siting of numerous landfills and the remediation of hazardous waste contaminated sites.

Gary Kelly, Waste Management, is the Senior District Manager for Hampton Roads, Richmond and Fredericksburg Hauling. In total, Gary has over 30 years of experience in the transportation and logistics services industry. Gary is the president of his community association owner's board and is a member of Drive Safe Hampton Roads. Gary holds a Bachelor of Arts degree from Indiana University of Pennsylvania.

Jonathan Kiser, Kiser Environmental Consulting has been engaged in environmental work for more than 35 years, on behalf of public and private sector organizations, the federal government, and others. Mr. Kiser has an M.B.A. in Business Economics and Public Policy from George Washington University (1992), and a B.S. in Resource Economics from University of New Hampshire.

Lynn Klappich, Draper Aden, serves as program manager for a variety of solid waste projects. Her experience, in addition to overseeing multiple design and construction projects, has included assisting local governments with financial decisions, strategic planning and regulatory compliance. Her interest in the applicability of the Virginia Stormwater Management Program regulations to landfill projects began after sitting through several educational programs on the new VSMP regulations in 2013 and 2014. She also has an interest in boat hull recycling began after her husband returned from working with Boat US in the aftermath of Hurricane Sandy.

Nikolas Larum is the General Manager of the Chesapeake Hauling Division of TFC Recycling, a role he has filled since 2011. He joined TFC Recycling in 2007 as the General Manager of TFC's Newport News Material Recovery Facility and their hauling operations on the Peninsula. Mr. Larum also serves as TFC's Director of Customer Service and has done so since 2009. He is licensed by the Commonwealth of Virginia as a Waste Management Facilities Operator and has over 25 years' experience in logistical operations and business management.

Thomas Laughlin, Draper Aden, is an environmental scientist and has worked in the solid waste industry for 23 years. Mr. Laughlin is responsible for initial abatement studies; site characterization studies; preparation and implementation of corrective action plans; field supervision of drilling and installation of piezometers and monitoring wells; preparation of landfill gas monitoring and control plans; stormwater compliance, and aquifer testing. He is also responsible for laboratory data validation and numerical methods of data analysis; field supervision of monitoring projects, and writing reports for long and short term monitoring projects.

Mike Lawless is a Principal and Executive Vice President with Draper Aden Associates as well as the Environmental Division Manager. He has 30 years of experience in solid and hazardous waste management. Mike received a BS degree in Geology from Bates College and an MS degree in Geology from Old Dominion University. He is a National Past President of the American Institute of Professional Geologists (AIPG) and the President of the Virginias Section of AIPG.

Jerod Roberts is the Superintendent of Waste Collections for the City of Virginia Beach, He is a SWANA Old Dominion Chapter member and is currently the Co-Safety Ambassador for the chapter. Jerod served four years in the Marine Corps and is a Graduate of Stayer University with a B.B.A (Bachelors in Business Administration).

Scott Sheridan, P.E. with Geosyntec Consultants has notable experience in the permitting of solid waste facility expansions, particularly through the use of a technology that utilizes mechanically stabilized earth (MSE) berms. Scott has permitted and managed the construction of MSE berms from the Northeast to Virginia that used both conventional and unconventional designs and construction techniques.

John P. Swenson is a Managing Partner at Advanced Wall Technologies, a leader in patented technological innovations that help the waste and power industries adopt efficient, environmentally friendly, and cost-effective nonhazardous waste disposal methods. He earned a degree in accounting from Elmira College in Elmira, New York, and is a Certified Management Accountant, active in various financial professional associations. He lives in Henrico County, Virginia, with his wife and son.

Aaron White, HDR, Inc, is a Professional Associate, Project Manager, & Geologist with HDR engineering. He has worked in the solid waste industry for 18 years. He is licensed in Virginia as a Professional Geologist and a Class II Facility Operator. Mr. White specialized in the operation, monitoring, and permitting of Municipal Solid Waste Landfills. He has a BS in Geology from Virginia Tech (VPI&SU).

Justin Williams is the Land Protection and Revitalization Division Director for the Virginia Department of Quality (DEQ). Prior to becoming Division Director in 2015, he served as the Office Director for the Office of Waste Permitting and Compliance from 2012. He joined DEQ as the waste enforcement manager in 2008. He graduated, summa cum laude, from the Appalachian School of Law and served as Summer Law Clerk for the U.S. EPA's Office of Enforcement and Compliance Assurance. He also has a B.S. in Environmental Health from East Tennessee State University.

Meri Beth Wojtaszek, Deputy Executive Director, Solid Waste Association of North America, joined SWANA in 2003 and has been instrumental in the advancement of SWANA's membership and educational programs. She spearheaded SWANA's Training Investment Fund with the International Board. As Deputy Executive Director, she looks for new ways to train and engage members. Prior to joining SWANA, she spent 18 years with American Express. She holds an B.S. in Finance and a B.S. in Economics from Hood College and in her free time enjoys talking about wines and traveling.

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armgroup.net

Blackhawk Technology

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byers-scientific.com

Carlson Environmental Consultants

Provides specialty engineering, operations & maintenance, and construction services to the solid waste industry.
cecenv.com

Chesapeake Containment Systems

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jeneergroup.com

Joyce Engineering

A full-service consulting firm, we specialize in providing engineering and environmental solutions for our clients throughout the southeastern United States. From siting to post-closure monitoring, management planning, construction services, landfill gas services, operator training and operations consulting, or environmental remediation, we provide expertise.

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