2017 Virginia Conference

April 26—April 28, 2017

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.

Message from SWANA National’s President-Elect

I am honored to be able to share with you the recent developments in the growth of SWANA’s membership, training programs, advocacy efforts, and our work to improve safety in our industry. We are striving to advance solid waste management to resource management through shared emphasis on education, advocacy and research. To be successful in this mission I am working hard with staff to improve cooperation and collaboration between SWANA staff and our chapter leaders and members. I also look forward to discussing the details of the upcoming 2017 ISWA World Congress/WASTECON event in Baltimore.

Jeffrey Murray
SWANA National President-Elect

Meet the SWANA Board Members

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John Barnes
City of Virginia Beach

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Kim Hynes
Central Virginia Waste Management Authority

Secretary
Ben Loveday
Spotsylvania County
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Henrico County

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Fairfax County
Department of Solid Waste

Mike Lawless
Draper Aden Associates

Ray McGowan
Waste Management

Timothy Torrez
Republic Services

Aaron White
HDR

Ex Officio
Leslie Beckwith
Virginia Department of Environmental Quality

YP Member
Nicholas S. Guarriello,
SCS Engineers

Win a YETI® Cooler Package at the Exhibitor Reception

Get a stamp from each exhibitor on the Exhibit Prize card, write your name on the back of the card and turn it in to registration. Drawing for a YETI prize package will be held during Thursday’s reception. Must be present to win!
Welcome to the 2017 SWANA Virginia Conference!

Welcome to Virginia Beach! Thank you for joining us at the SWANA Old Dominion Conference. Our Program Committee, led by Chair Ben Loveday, has put together another fantastic event offering a mix of informative presentations and fun-filled activities.

Always a conference staple, we have our opening golf tournament on Wednesday to get things started. Different, and only available at the Virginia Beach location, is a family-friendly reception at the Virginia Aquarium. Back at the Hilton, in addition to engaging conference sessions, this year we are also offering a separate track of OSHA Training which is included in the conference registration. Don’t forget to attend the exhibitor reception on Thursday night where you could win a YETI® prize pack just by visiting all of our exhibitors (make sure you pick up the prize card to fill out from registration). We hope you enjoy all the 2017 SWANA Old Dominion Conference has to offer. As a resident and employee of the City of Virginia Beach, I hope you have great time and come back often.

John Barnes
President
SWANA, Virginia Old Dominion Chapter

Message from the Chapter YP Representative

Welcome all SWANA Young Professionals (YP) members! The YP group is comprised of active individuals who represent the future of the solid waste industry.

I hope you enjoy the conference, are able to attend the networking event, and are able to connect with other YPs during your time at the conference. The YP Group is here as a resource to help you advance professionally in the solid waste industry. The SWANA YP Group puts on networking events for its members throughout the year and at SWANA conferences.

For more information on joining or how you can assist in the SWANA YP group please contact Nick Guarriello at nguarriello@scsengineers.com.

Nicholas S. Guarriello
Senior Project Engineer
SCS Engineers

Message from the Safety Ambassador

2016 will be remembered for many things. Some good—team accomplishments, business successes, personal growth, etc.—and some bad. Unfortunately, 2016 was a particularly deadly year for workers in the Commonwealth of Virginia. Last year saw a 65% increase in workplace fatalities over 2015—and the highest number (43) since 2007. Of those 43, three (3) were solid waste industry deaths. As the Governor and Virginia Occupational Safety and Health (VOSH) are committed to reducing all workplace fatalities, SWANA National and your Old Dominion Chapter are united in their commitment to keeping solid waste employees free from harm. With proper training and awareness, hazard identification, safe work practices, supervisor oversight, incident reporting and review, and strong/committed leadership, we can turn the tide on this trend. Let’s remember 2017 as a better year for Virginia workers. Remember, when it comes to workplace safety, we are all in it together!

Dennis Batts
Manager for Emergency Operations and Safety
Fairfax County Solid Waste Management Program
MORE THAN JUST PIPE.
TOTAL PIPING SOLUTIONS

ISCO is there – on site – when HDPE pipe, fabricated structures, fittings and accessories are spec’d and required across all facets of your expanding or new landfill project. Besides top quality landfill piping products and the know-how to make it all come together, we provide McElroy® fusion equipment for sale or rent, backed by expert fusion consultation and training if necessary.

Need piping solutions for your landfill project? Make it easy. As easy as ISCO.

Make the call for TOTAL PIPING SOLUTIONS. | SWANA Booth #3

1-800-345-ISCO
www.isco-pipe.com
NEW! OSHA 10-Hour Safety Training, April 27, 1:00 to 5:00 PM and April 28, 8:00 to 12:00 PM  Comply with OSHA Safety & Health requirements, reduce work related injuries & increase employee awareness, decrease Workers’ Compensation claims, decrease training costs for new employees, improve the safety culture and practices in the workplace.

Guy R. Butts II with Draper Aden Associates has over 36 years of experience in Risk Management, Occupational Safety and Health Management, Loss Control and employee safety training. Mr. Butts is a Board Certified Safety Professional (CSP), a Board Certified Hazardous Materials Manager (CHMM) and has been an authorized outreach instructor over the past 25 years.

Wednesday, April 26

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>9:30 AM - 12:30 PM</td>
<td>Golf Outing</td>
<td>Red Wing Lake Golf Course</td>
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<tr>
<td>2:00 PM - 5:00 PM</td>
<td>Registration Area Open</td>
<td>Prefunction Area, Hilton Virginia Beach</td>
</tr>
<tr>
<td>2:00 PM - 5:00 PM</td>
<td>Exhibit Set Up</td>
<td>Peacock Ballroom B&amp;C</td>
</tr>
<tr>
<td>3:00 PM - 6:00 PM</td>
<td>YP Outing (Registration Required)</td>
<td>Taste of Tidewater Brewery Tour</td>
</tr>
<tr>
<td>6:00 PM - 10:00 PM</td>
<td>Welcome Reception and Private Aquarium Event</td>
<td>Virginia Aquarium</td>
</tr>
<tr>
<td>9:00 PM - 10:00 PM</td>
<td>Transportation Begins from Aquarium to Virginia Beach Oceanfront</td>
<td>Continuous</td>
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</tbody>
</table>

Thursday, April 27

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM - 5:00 PM</td>
<td>OSHA 10-Hour Safety Training—PART 1</td>
<td>Spotswood Arms</td>
</tr>
<tr>
<td>7:00 AM – 8:30 AM</td>
<td>Breakfast in Exhibit Hall</td>
<td>Peacock Ballroom B&amp;C</td>
</tr>
<tr>
<td>7:00 AM – 6:30 PM</td>
<td>Exhibit Hall Open (Break from 3:30—4:30 PM)</td>
<td>Peacock Ballroom B&amp;C</td>
</tr>
<tr>
<td>8:30 AM – 9:00 AM</td>
<td>SWANA National Update</td>
<td>Jeffrey S. Murray, P.E., BCEE , SWANA President</td>
</tr>
<tr>
<td>9:00 AM – 9:30 AM</td>
<td>Virginia DEQ Regulatory Update</td>
<td>Justin Williams, Virginia DEQ</td>
</tr>
</tbody>
</table>
| 9:30 AM – 10:00 AM | Case Study of Odor Mitigation Strategies at the Region 2000 Landfill | Robert Dick, PE , SCS Engineers
| 10:00 AM – 10:30 AM | Break                                     | Foyer                                         |
| 10:30 AM – 11:00 AM | Insights/Improvements Using Program Optimization and Financial Analysis in Solid Waste Applications | Ryan J. Duckett, EIT , SCS Engineers |
| 11:00 AM – 11:30 AM | Mental Illness in the Workplace           | National Association for Mental Illness, Virginia Beach Chapter |
| 11:30 AM – 12:00 PM | Encouraging the Recovery and Beneficial Use of Biogas Generated from Municipal Solid Waste | Lauren Aepli, EPA Landfill Methane Outreach Program |
### Thursday, April 27 (Continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 PM – 1:00 PM</td>
<td>Lunch in Exhibit Hall</td>
<td>Peacock Ballroom B&amp;C</td>
</tr>
<tr>
<td>1:00 PM – 1:30 PM</td>
<td>General Session</td>
<td>Peacock Ballroom A</td>
</tr>
<tr>
<td>1:00 PM – 1:30 PM</td>
<td>Dealing with Disaster: Ripples of the Covanta Fire</td>
<td>John Kellas, Deputy Director, Fairfax County Public Works and Environmental Services</td>
</tr>
<tr>
<td>1:30 PM – 2:00 PM</td>
<td>Strategic Planning and Public Involvement-A Case Study</td>
<td>Lynn Klappich, CSI, CCCA, Draper Aden and Associates, Mike Callahan, AICP, Renaissance Planning</td>
</tr>
<tr>
<td>2:00 PM – 2:30 PM</td>
<td>Landfill Closure In Severe Environments</td>
<td>Chris Lund, PE, PSS, GBB: Solid Waste Management Consultants</td>
</tr>
<tr>
<td>2:30 PM – 3:00 PM</td>
<td>Focus On Behavior To Improve Driver Safety</td>
<td>Steve Mentzer, Lytx DriveCam</td>
</tr>
<tr>
<td>3:00 PM – 3:30 PM</td>
<td>Undergoing OSHA Accident Investigation: A Real Life Experience</td>
<td>Harvey Howard, Utility Operations Manager, Norfolk, VA</td>
</tr>
<tr>
<td>3:30 PM – 4:30 PM</td>
<td>Free Time</td>
<td></td>
</tr>
<tr>
<td>4:30 PM – 6:30 PM</td>
<td>Vendor Exhibit Reception Prize Giveaways—Yeti Cooler Package</td>
<td>Peacock Ballroom B&amp;C</td>
</tr>
<tr>
<td></td>
<td>$100 Drawing</td>
<td></td>
</tr>
<tr>
<td>4:30 PM – 6:30 PM</td>
<td>Program Closes</td>
<td></td>
</tr>
<tr>
<td>8:00 AM – 12:00 PM</td>
<td>OSHA 10-Hour Safety Training—PART 2</td>
<td>Spotswood Arms</td>
</tr>
<tr>
<td>7:00 AM – 9:00 AM</td>
<td>General Session</td>
<td>Peacock Ballroom A</td>
</tr>
<tr>
<td>9:00 AM – 9:30 AM</td>
<td>Fast Pitch Sessions!</td>
<td>Benjamin Loveday, PE, Spotsylvania County, Bob Dick, SCS Engineers, Bill Hase, Draper Aden, John Barnes, City of Virginia Beach</td>
</tr>
<tr>
<td>9:30 AM – 10:00 AM</td>
<td>Immobilization of Toxic Heavy Metals In MSW Residue Ash</td>
<td>Anil Mehrota, M.S., P.E. Hampton/NASA Steam Plant</td>
</tr>
<tr>
<td>10:00 AM – 10:30 AM</td>
<td>The Application of 3D Modeling and Remote Monitoring Control Systems for Landfill</td>
<td>Alex Mandeville, E.I.T. SCS Engineers</td>
</tr>
<tr>
<td>10:30 AM – 11:00 AM</td>
<td>Municipal Paint Recycling</td>
<td>Raea Jean Leinster, Yuck Old Paint</td>
</tr>
<tr>
<td>11:00 AM – 11:30 AM</td>
<td>Hurricane Mathew, Lessons Learned: Virginia Beach Landfill</td>
<td>John Barnes, Virginia Beach</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Program Closes</td>
<td>Prize Drawing—Must be present to win</td>
</tr>
</tbody>
</table>
Meet the Exhibitors

Get a stamp from each exhibitor on the Exhibit Prize card, write your name on the back of the card and turn it in to registration. Drawing for a YETI prize package will be held during Thursday’s reception. Must be present to win!

**Agru America, Inc.**
The leading manufacturer of flat die extrusion geomembranes, geonets, geocomposites, geotextiles, geo clay liners, concrete protective liners and fittings. The company also supplies vertical barrier systems and piping systems for the U.S. and international civil/environmental markets.
[agruamerica.com](http://agruamerica.com)

**Air Water & Soil Laboratories, Inc.**
Supplies reliable data that meet project requirements and reflect a strict standard of quality control. Extensive experience analyzing Wastewater, Groundwater, Drinking water and Solids. Specialties: Certified SWAM and DBE, extensive equipment inventory, state-of-the-art technology and technical staff.
[awslabs.com](http://awslabs.com)

**Amazon Environmental**
Amazon Paint has been providing solutions for the use of leftover water-based paints since 1992. Using patented processes we have manufactured many million pounds of paint into alternative products. Contact Amazon for green solutions to your unwanted paints.
[amazonpaint.com](http://amazonpaint.com)

**AmCon Environmental Incorporated**
AmCon grew into one of the largest suppliers of Alternate Daily Covers and liner installation of such products as HDPE, LLDPE, PVC, Polypropylene, Hypalon, GCL, EPDM, XR-5, as well as woven and non-woven geotextiles. Installation totals exceed 30 million square feet, and still counting.
[amcon.org](http://amcon.org)

**Arm Group**
An earth resource engineering and consulting firm, specializing in environmental consulting, waste management engineering, geotechnical engineering, water resource planning and management, renewable energy development, geophysical surveys, and support to the oil & gas industry.
[armgroup.net](http://armgroup.net)

**Blackhawk Technology**
Leading provider of high-quality piston pumps, with the drive motor at surface level, above the wellhead.
[blackhawkco.com](http://blackhawkco.com)

**Carlson Environmental Consultants**
Provides specialty engineering, operations & maintenance, and construction services to the solid waste industry.
[cecenv.com](http://cecenv.com)

**Chesapeake Containment Systems**
A full-service environmental construction firm offering a full line of geosynthetic products and services.
[ccsliners.com](http://ccsliners.com)

**Draper Aden**
Experience in facilities planning and engineering for municipalities, state agencies, cultural institutions, we provide civil, environmental, geotechnical, solid waste, and structural engineering; surveying and subsurface utility engineering; site planning and construction inspection services.
[daa.com](http://daa.com)

**Golder Associates Inc.**
Providing consulting, design, and construction services in earth, environment, and related areas of energy through technical excellence, innovative solutions and award winning client service.
[golder.com](http://golder.com)

**GunnCo Pump & Control, Inc.**
GunnCo provides pumping systems for a variety of landfill applications including installation, repairs, upgrades, modifications, inspections, evaluations, operator training, and remote technical assistance.
[gunnco.com](http://gunnco.com)

**ISCO Industries**
Whether you are looking for experts on gas extraction, leachate or landfill recirculation, there are many advantages to using ISCO for your landfill pipe, material and services needs.
[isco-pipe.com](http://isco-pipe.com)

**J.B. Coxwell Contracting, Inc.**
Initially established as a firm specializing in clearing and earthwork, J.B. Coxwell Contracting, Inc. has expanded its scope of operations to encompass complete site development, including underground utilities, as well as heavy highway and civil construction in the public and private sectors.
[jbcoxwell.com](http://jbcoxwell.com)
JMI Covers, LLC
JMI manufactures reliable, cost effective Protective Storage Covers for companies who utilize outside storage for their commodities including Salt, Coal, Potash, Cement Clinker, Fly Ash, Bottom Ash, Sulfur and Frac Sand. With our fully trained installation department, JMI can provide you with fast and professional installation. Give us a call and see the JMI advantage.
jmicovers.com

Lee Supply Company
Originally serving the mining industry, we diversified our product line to include the industrial, municipal, and environmental markets. With their new vision and revolutionary ideas, we introduced products such as HDPE pipe, specialty fittings, and custom fabrications which led the company to be one of the largest suppliers of pipe and pumping systems to the solid waste industry in the Eastern United States.
leesupply.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.
joyceengineering.com

Oakley Logistics
Managing the transportation of bulk liquid chemicals safely, efficiently and knowledgably since 1998, our success is based on the relentless pursuit of safe, on-time deliveries. If you are a shipper looking for a solution to your bulk liquid transportation needs or looking for a third party logistics company, give Oakley Logistics a call.
oakleylogistics.com

Pace Analytical Services, LLC
With a nationwide network of 28 environmental laboratories, 2 life sciences labs and 24 service centers, Pace has the capacity to support a diverse client base—from local, state and national government programs to industry, engineering/consulting, mining, energy and R&D.
pacelabs.com

QED Environmental Systems
Leading manufacturer of innovative environmental products. For over 30 years their expertise has included Pumping Systems, Landfill Products, and Air Strippers.
qedenv.com

Rehrig Pacific
Serving the waste and recycling industry with roll-out carts, recycling bins and commercial container manufacturing, nearly every Rehrig Pacific product made is recycled into another Rehrig Pacific product at the end of its service life. If you need a custom designed solution, our highly experienced design engineers will work consultatively with you to produce a comprehensive, world-class product.
rehrigpacific.com

Routeware
Our sole mission is to fully automate the entire workflow, replacing paper-based scheduling, dispatching, and traditional methods with easy-to-use electronic tools in the office and in the truck. The products and services are a direct result of the input we have received from our 14-plus years of experience modeling the fleet management industry.
routeware.com

SCS Engineers
An environmental consulting and contracting firm serving public and private clients across the nation and around the world. Our core capabilities are in solid and hazardous waste management, energy, remediation and environmental compliance. We work to prevent, mitigate and remediate environmental events, and use our environmental regulatory systems knowledge to help shorten project timelines and stay on budget.
scsengineers.com

tarpARMOR
For over 40 years the company has built a reputation for excellence in customer service and product quality. Our roots are in the agricultural industry, but over the years our innovative spirit and attention to customer’s needs have expanded our product offering to include landfill automated tarping systems, innovative fall protection products, and high quality truck tarps.
tarparmor.com

WatershedGeo
A geosynthetics company specializing in engineered products that solve the greatest challenges with solutions that reduce risks, require virtually no maintenance and stand the test of time. Through best-in-class materials and extreme engineering, our goal is to unearth solutions that eliminate plaguing industry issues while delivering more aesthetically-pleasing and effective results.
watershedgeo.com

Wind Defender, LLC
Supplies a new, reliable, cost-effective ballast system for exposed geomembrane covers. Our ballast system is ideal for landfill covers, stockpile covers, agricultural storage covers, soil covers, and much more.
wind-defender.com
Featured Speakers

Lauren Aepli, is a program manager with EPA Landfill Methane Outreach Program. Prior to joining LMOP and the EPA, Lauren served in the U. S. Navy as a meteorology and oceanography officer. She holds a Bachelor of Science from the U. S. Naval Academy and a Master of Natural Resources from the Virginia Polytechnic Institute and State University.

John Barnes 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.

Marc L Byers is the owner and president of Byers Scientific & Manufacturing. As a veteran of the United States Army, Mark worked in Intelligence and served in Operation Desert Storm in the Persian Gulf War. Mark holds an MBA in International Management from Thunderbird, School of Global Management, and is a magna cum laude graduate of Portland State University with a bachelor’s degree in Economics.

Mike Callahan, AICP, is a project manager with Renaissance Planning. Mike is a strong facilitator and communicator with expertise is translating complex technical analyses into plain speak common language for policy makers and the public alike. He has a broad range of experience in transportation planning, land use planning, public outreach, writing, and facilitation. His planning experience spans six years during which he has worked with a broad array of clients across the United States including federal agencies, state departments of transportation, metropolitan planning organizations, and dozens of local governments.

Robert Dick, P.E. joined SCS Engineers in 1990 and is a Vice President responsible for operations in the Richmond office. With over 27 years experience working on civil and environmental engineering projects related to solid and hazardous waste management, he has performed landfill and landfill gas engineering projects (design, permitting, and construction) in more than 15 states and several foreign countries. He is active with SVSWMA, SWANA, NSWMA, ISWA, ASCE, and NSPE and has authored several publications and made numerous presentations on air quality, solid waste management, landfill engineering and landfill gas management/control, design/operations, and regulatory compliance.

Ryan J. Duckett, E.I.T. joined SCS Engineers in 2014 and is a Staff Professional. With over 5 years of experience working on solid waste and recycling studies, he is responsible for Sustainable Materials Management, Solid Waste Facilities and Municipal Planning related projects at the Richmond office. He also supports environmental engineering projects related to permitting, compliance, regulatory reporting, landfill gas modeling, construction quality assurance (CQA) and pollutant emission inventories at solid waste management facilities. Mr. Duckett focuses his efforts on topics outside the realm of traditional solid waste engineering, including solid waste strategic planning, material collection/transportation optimization, waste quantification and characterization, financial modeling, and program evaluation.

Clarke Gibson, P.E. is currently the Director of the Region 2000 Services Authority in Lynchburg, Virginia. A professional engineer in the Commonwealth of Virginia., he holds a Master of Public Administration Degree and a Bachelor of Science in Civil Engineering from Virginia Tech.

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. He serves as liaison with citizens, policy makers and other City Departments and Regional Organizations.

John Kellas has 30 years of professional solid waste management experience, and is currently the Deputy Director of The Department of Public Works and Environmental Services for Fairfax County, VA. Prior to county employment, he owned and operated an environmental consulting firm where he provided landfill, organics recycling, and metals recovery mining services. John was also employed by WM for over 20 years managing disposal/transfer facilities in both Canada and the US. He also directed operations and compliance activities for 18 solid waste facilities across Minnesota, Iowa and North Dakota.

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.
Raea Jean Leinster has been a full-time artist and decorative painter in the DC region for almost 15 years. Her clients include the Washington National Cathedral, restoration work on art deco buildings and historical mansions, executive office suites, restaurants and many private homes. Ms. Leinster’s clients often asked her what to do with the leftover old paint cans sitting in the bottoms of their buildings or in garages. After one year of beta testing, Yuck Old Paint, LLC was born, and three years later, Yuck Old Paint continues to be the only landfill diversion business model for commercial and residential paint waste in the mid-Atlantic region.

Chris Lund, PE, PSS is a Senior Vice President and Owner of GBB, a national solid waste management consulting firm. He has 30 years of experience applying his civil and environmental engineering degree to projects across engineering and environmental disciplines. He works to help clients find efficient, environmentally acceptable solutions to their solid waste management issues, from strategic planning, permitting and design development to construction management and start-up operations.

Alex Mandeville, E.I.T., is a Staff Professional with SCS Engineers in Reston, Virginia. His experience includes design of Landfill Gas collection and methane mitigation systems, and preparation of New Source Performance Standards (NSPS) Reports, Greenhouse Gas Reports and calculations, as well as Title V Reports consisting of Annual Compliance Reports, Semi-Annual Monitoring Reports and Emissions Reports. He received a B.S. in Civil, Environmental and Infrastructure Engineering from George Mason University, and he his pursuing M.S. in Civil, Environmental and Infrastructure Engineering at George Mason University.

Anil Mehrota, M.S., P.E., is the Plant Engineer at the Hampton/NASA Steam Plant where he performs engineering management and plant mechanical systems upgrades, environmental audits for effectively maintaining facility’s following permits: Title V Air permit, Municipal Solid Waste permit for waste processing, ash treatment & disposal, Wastewater discharge permit.

Steve Mentzer joined Lytx DriveCam to help government fleets identify risky behavior as it occurs within their vehicle operations. DriveCam allows Steve to combine his love of coaching with video-based analytics to provide the key insights that inform fleet managers where they have risk and how to extract it by being proactive. Significant safety improvements are achieved by improving daily driving behaviors through effective coaching and positive reinforcement. Clients have achieved sustainable reductions in accident claims, maintenance costs, workers compensation, collision frequency, and driver turnover.

Jeffrey S. Murray, is a Sr. Project Manager with HDR in their Raleigh, NC office, with more than 20 years of experience. His areas of expertise include planning, design, permitting and construction administration of municipal solid waste and industrial landfill expansions, landfill closures, post closure landfill re-use, and recycling and transfer station facilities. He served on the Board of Directors for the Northern New England Chapter of SWANA for 15 years and was the training committee chair for the SWANA Landfill Technical Division, and lead the MOLO course update in 2012, He is currently the International Vice President for SWANA and in September 2017, he will transition to SWANA President.

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.