



# 2017 Governor's Environmental Excellence Awards



# Thank you judges!

Sharon Baxter  
DEQ

Janit Llewellyn  
DCR

Rick Weeks  
Dominion

Sarah Richardson  
DCR

Tom Faha  
DEQ

Tom Smith  
DCR

Jess Wenger  
UVA

Eunice Kulesza  
Fareva

Valerie Thomson  
DEQ

Mark Williams  
Luck Companies



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Leadership | Innovation | Commitment

# Honorable Mentions

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# City of Suffolk

## Sleepy Hole Park Fishing Pier and Canoe and Kayak Launch



# City of Suffolk Sleepy Hole Park Fishing Pier and Canoe and Kayak Launch



# Micron Technology, Inc.

## Phosphoric Acid Beneficial Reuse



Reused **425,000 lbs**  
of Phosphoric Acid

Saved **290,000 lbs**  
of Lime & **940,000**  
gal of Water

Reduced Filter Cake  
Waste by  
**1,100,000 lbs**

**Tool Drains**



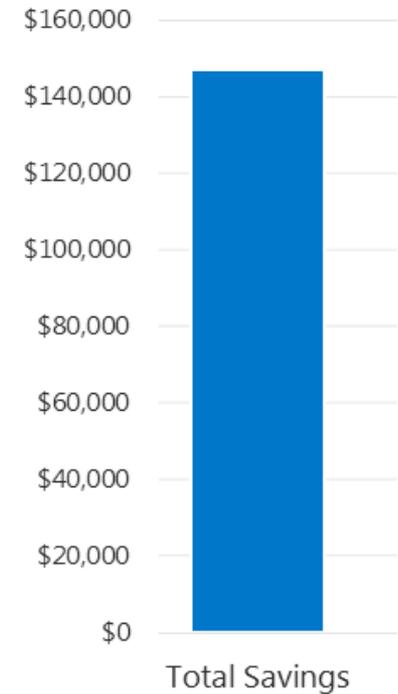
**Piping**



**Collection Tanks**



Savings



# Micron Technology, Inc.

## Phosphoric Acid Beneficial Reuse



# Roanoke County Parks, Recreation and Tourism Explore Park Adventure Plan



ROANOKE  
VIRGINIA



COUNTY  
EST. 1838



# Roanoke County Parks, Recreation and Tourism Explore Park Adventure Plan



ROANOKE  
VIRGINIA



COUNTY  
EST. 1838



# Bronze Medal Winners

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# Arlington County Solid Waste Bureau Year-Round Yard Waste Collection Program



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# Community Housing Partners Grissom Lane Apartments



COMMUNITY  
HOUSING PARTNERS

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COMMUNITY  
HOUSING PARTNERS

# Virginia DOC Environmental Services Unit Mecklenburg Correctional Center, Deconstruction and Recycling Project

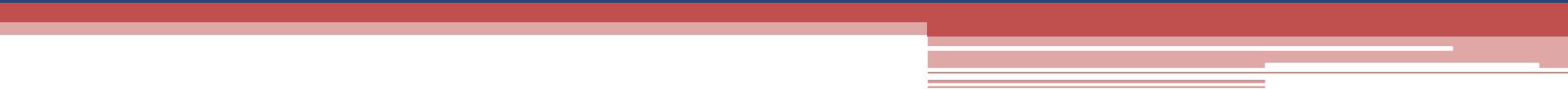
By evaluating each waste stream individually, from something as small as light-bulbs to larger items like HVAC systems, VADOC was able to achieve a landfill diversion rate of **99.5%** for the project.



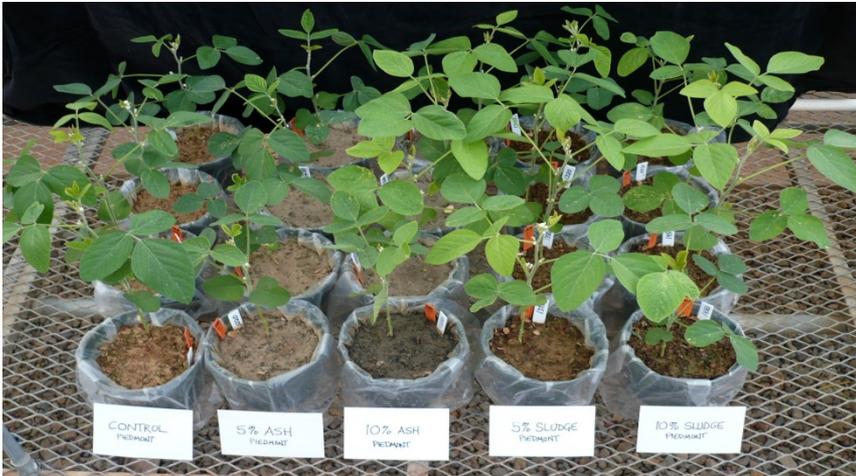
# Virginia DOC Environmental Services Unit Mecklenburg Correctional Center, Deconstruction and Recycling Project



# Silver Medal Winners



# Bear Island Paper Super Soil



# Bear Island Paper Super Soil



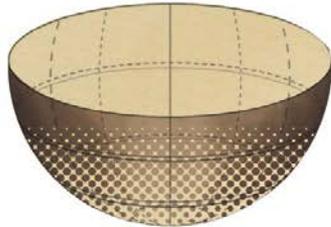
# Massimo Zanetti Beverage PURPOD100™



**LID** 100% compostable bio-materials



**RING** Made with bio-material and reclaimed coffee chaff, the skin of the coffee bean that comes off during the roasting process



**FILTER** 100% compostable mesh



# Massimo Zanetti Beverage PURPOD100™



# Town of Blacksburg, VA Tech, and Sustainable Blacksburg Sustainability Week Partnership



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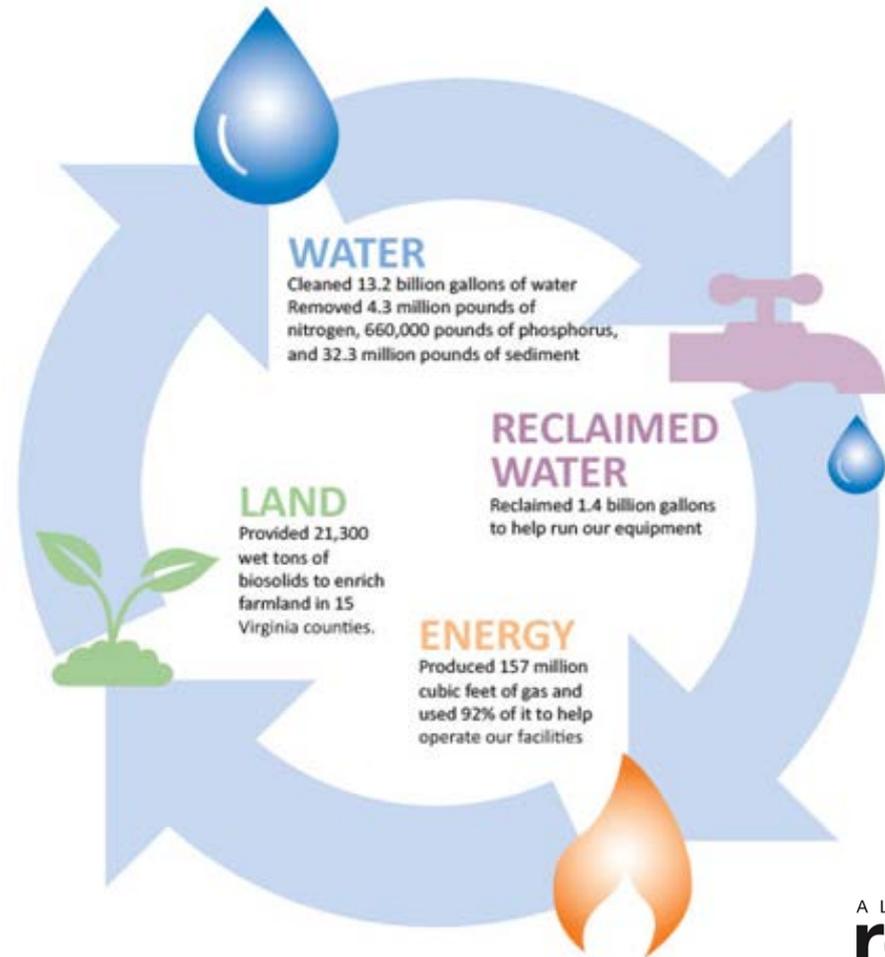


# Gold Medal Winners

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# Alexandria Renew Enterprises Sustainability and Environmental Program

**“We view wastewater as a renewable resource and are committed to the sustainable recovery of nutrients, energy and water throughout our treatment process.”**



# Fairfax County Park Authority

## Huntley Meadows Park Wetland Restoration



# Fairfax County Park Authority Huntley Meadows Park Wetland Restoration



# James City County Department of Parks and Recreation

## The Freedom Park Multi-Use Trail



# James City County Department of Parks and Recreation

## The Freedom Park Multi-Use Trail



# Piedmont Geriatric Hospital in partnership with Virginia Center for Behavioral Rehabilitation Renewable Energy Program



To date the Commonwealth's Piedmont Geriatric Hospital is the only facility in America utilizing SG as their primary fuel source.



"This project is an example of how properly planned and executed community based and community sized power generation can enhance local community economies, utilizing locally produced biofuel and, at the same time, enhance water quality, wildlife habitat and land conservation." Steven Thomas USDOE



**FDC Enterprises, Inc.**  
Conservation & Bioenergy

# Piedmont Geriatric Hospital in partnership with Virginia Center for Behavioral Rehabilitation Renewable Energy Program



**FDC Enterprises, Inc.**  
Conservation & Bioenergy

# Town of Halifax Banister River Blueway-King's Bridge Landing Access

**Banister River Gateway**  
Halifax, Virginia

**Banister River Blueway**  
King's Bridge, Halifax, Virginia, Roanoke River Basin

"GONE FROM THE LANDSCAPE" are the signs and sounds of overshoot waterwheels splashing rapidly along county waterways. Gone, too, are the mournful wails of steam locomotive whistles and the whine of "peckerwood" sawmills. Missing from view are the bateaux and ferries on the Rivers. These features of American history live in an age when life was simpler.

...but Melton also reminds us that these simpler times were not without controversy. Before the first European settlers arrived, American Indians constructed fish dams along the Banister to sustain their way of life. In time, these man-made improvements gave way to batteau slulocks, dams and locks, although the remains of some are still visible on the Upper Banister.

"The river came [to European immigrants] in 1781, when petitioners begged the state legislature to have the Banister cleared of fish dams and mill dams to permit the passage of fish and boats."

These petitioners complained that the river was "choked up with stone stops and mill dams" and upon clearing the Roanoke and its branches would "not only be of [great] advantage to batteaux coming passing but will also be of [great] advantage to the passing of shad and other fish." Winthrop's Mill, built near Halifax Courthouse, was to include a lock for boats, but the lock was never completed.

"The Roanoke Navigation Company continued work into the 1820s, reporting in 1824 navigation was found to be entirely obstructed...in a truck, it can now pass the coming of the Richmond & Danville Railroad in the mid 1850's soon rendered river travel obsolete.

**Public Tip:** The Banister River from Halifax Dam to Ferry's Bridge is a scenic stretch of river suitable for canoe/kayak. Numerous historic transportation structures and rock formations are visible at the water. Green listed green signs indicate points of interest and historic landmarks.

**Points of Interest:**

- Halifax Dam, built 1810 (remains of it)
- Winthrop's Mill, built 1781
- Halifax Courthouse, built 1781
- Halifax Ferry, built 1781
- Halifax Lock, built 1781
- Halifax Mill, built 1781
- Halifax Dam, built 1810
- Halifax Ferry, built 1781
- Halifax Lock, built 1781
- Halifax Mill, built 1781

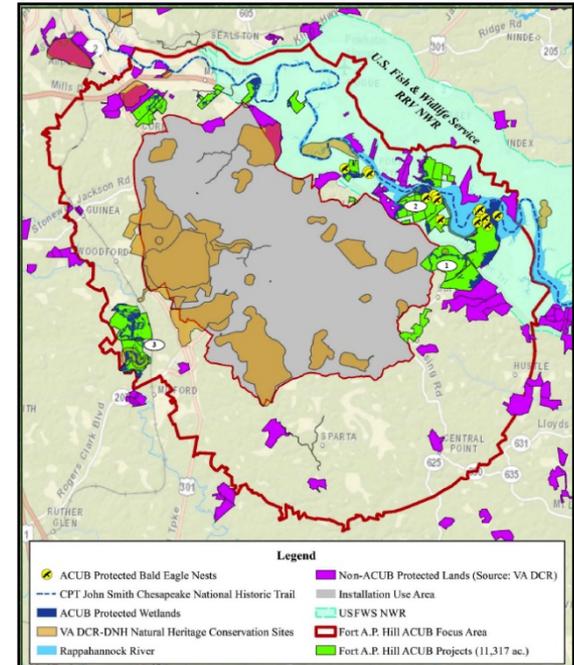


# Town of Halifax Banister River Blueway-King's Bridge Landing Access



# U.S. Army Garrison, Fort A.P. Hill

## Army Compatible Use Buffer (ACUB) Program



Small whorled pogonia



Swamp pink



Little brown bat



Kenk's amphipod



# U.S. Army Garrison, Fort A.P. Hill Army Compatible Use Buffer (ACUB) Program



# Congratulations to the 2017 Award Winners



Governor's Environmental Excellence Awards

