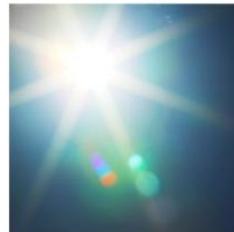


DEQ Office of Pollution Prevention

August 22, 2017

Meghann Quinn



Pollution Prevention

- Pollution Prevention means eliminating or reducing the use, generation or release at the source of environmental waste.

Pollution Prevention | Sustainability | Resiliency



Office of Pollution Prevention (OPP)

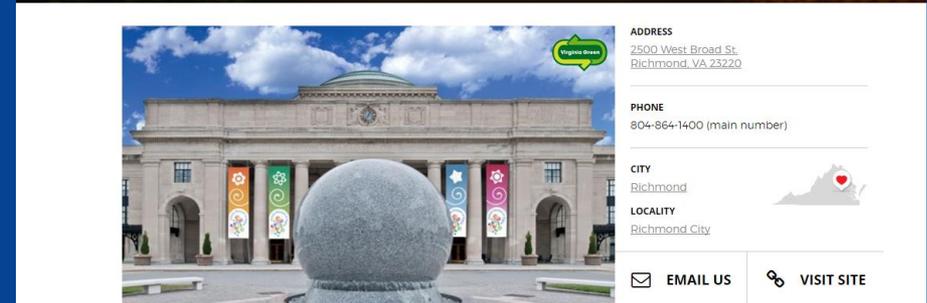
- Motivate Virginians to minimize their environmental footprint through actions that exceed what is required while enhancing their bottom line.
- Non-regulatory programs
 - Public recognition
- Technical assistance
 - Web-based information resources
 - Training & workshops





Virginia Green

- All sectors of tourism
- Voluntary
- Environmental benefits and cost savings
- Efficient and leveraged
- Consumer involved
- Partnership



Governor's Environmental Excellence Awards

- Awarded annually
- Award categories:
 - Sustainability Program
 - Environmental Project
 - Land Conservation Project
 - Land Conservation Program
 - Virginia Outdoors Plan
- Winners selected by a panel of independent judges
- Applications received from non-profits, manufacturers, small businesses, and government



Governor's Environmental Excellence Awards

- **Alexandria Renew Enterprises** - Sustainability and Environmental Program (2017 Gold)
- **Fairfax County Park Authority** - Huntley Meadows Park Wetland Restoration (2017 Gold)
- **Bear Island Paper** - Super Soil (2017 Silver)
- **Arlington County Solid Waste Bureau** - Year-Round Yard Waste Collection Program (2017 Bronze)
- **Virginia Department of Corrections Environmental Services Unit** - Mecklenburg Correctional Center's Deconstruction and Recycling Project (2017 Bronze)





Virginia Environmental Excellence Program

- EMS
 - Facility Based
 - Tiered Levels E2 / E3 / E4
- Sustainability Partners (SP)
 - Organization Based



VEEP EMS Track

- Record of sustained compliance
- Environmental Management System (EMS)
- Pollution Prevention Plan
- Multiple program levels:
 - E2 / E3 / E4





VEEP EMS Track

- **Benefits Include:**
 - Recognition
 - Annual permit fee discounts
 - Alternative Compliance Methods
 - Single point of contact

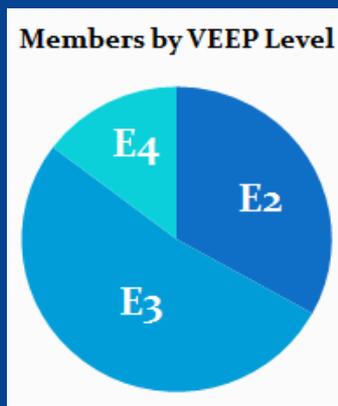
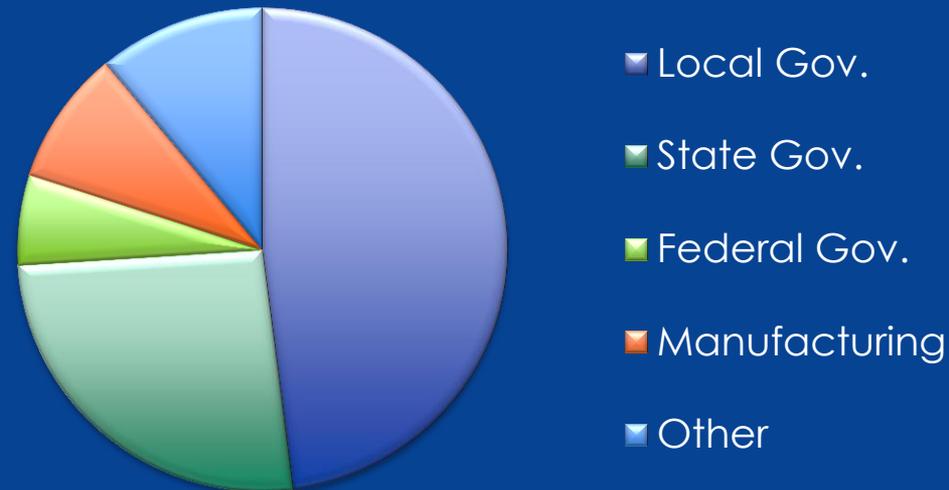


VEEP Stats

VEEP by the Numbers

- 2 “tracks” EMS vs. SP
- 17 years old
- 450+ members
- 231,000+ employees at VEEP facilities
- 12% E4 members

VEEP Members by Sector





Summary of VEEP 2015 Reports

	Cost Saving	Normalized Change
Total Energy Use	\$ 5,802,988.69	2,564,016.16
Hazardous Waste Disposed	\$ 318,013.00	1,535.40
Non-hazardous Waste Disposed	\$ 446,289.75	25,995.36
Non-hazardous Waste Recycled	\$ 30,275,668.01	51,459.59
Total Water Use	\$ 767,578.18	234,438,132.42
Reclaimed/Recycled Water Use	\$ 1,444,006.09	-73,152,149.22
Suspended Solids	\$ -	112,436.92
Biological Oxygen Demand (BOD)	\$ -	1,454.07
Nutrients	\$ 4,840.00	283,125.23
Greenhouse Gases (GHGs)	\$ 1.00	91,460.99
Land Restored	\$ -	-9.58

Total Cost Saving	\$ 41,079,693.23
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VEEP SP Program Structure

- Organization wide
- Annual application
- Public recognition
- **No regulatory incentives**

2017 SP Members	SP Member Since
Alexandria Renew Enterprises	2016
City of Charlottesville	2013
City of Newport News	2013
City of Newport News Public School District	2016
City of Roanoke	2013
County of York	2017
James Madison University	2014
Marstel-Day, LLC	2014
NASA Langley Research Center	2013
Prince William County	2013
Rivanna Solid Waste Authority	2016
Rivanna Water and Sewer Authority	2016
University of Virginia	Charter Member - 2012
US Army Garrison Fort Lee	2014
Virginia Beach City Public Schools	2017
Virginia Department of Corrections	Charter Member - 2012



What has DEQ's OPP been up to?

- Improving data management:
 - Internal database & electronic recordkeeping
- Webinars
 - EMS 101
 - Getting Buy-In



Questions?

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Office of Pollution Prevention

www.deq.virginia.gov/programs/pollutionprevention.aspx