





# Plants Not Puddles

August 14, 2021

How we got here today...





## ENVIRONMENTAL GRANT PROGRAM

Our commitment to protecting the environment runs deep and we're proud to support the efforts of local organizations that share our vision.

Established in 2005, our annual Environmental Grant Program offers funding for

- Innovative, community-based environmental projects that
- Improve, restore or protect the watersheds, surface water and groundwater supplies in our local communities.









Location in the  
United States



River Basins

Susquehanna

Potomac

Patuxent

Choptank

Rappahannock

Mattaponi

Pamunkey

James

Appomattox

Watershed Boundary



**Watersheds**  
**Stormwater issues**  
**Resources and Solutions**



# **Plants Not Puddles**

**Grant Request**

# Grant Overview



- . **Education**
- . **Resources**
- . **Plants**



# Virginia Conservation Assistance Program

Presented by Virginia Association of Soil & Water Conservation Districts



# Eligible Practices



Conservation Landscaping



Impervious Surface Removal



Permeable Pavement Installation



Dry Wells



Rainwater Harvesting



Vegetated Conveyance System



Constructed Wetlands



Bioretention



Rain Gardens



Infiltration



Green Roofs



Living Shorelines

*VCAP Manual  
outlines all  
specifications &  
requirements for  
BMPs*



# Homeowner Projects

## Conservation Landscaping



# Rain Gardens

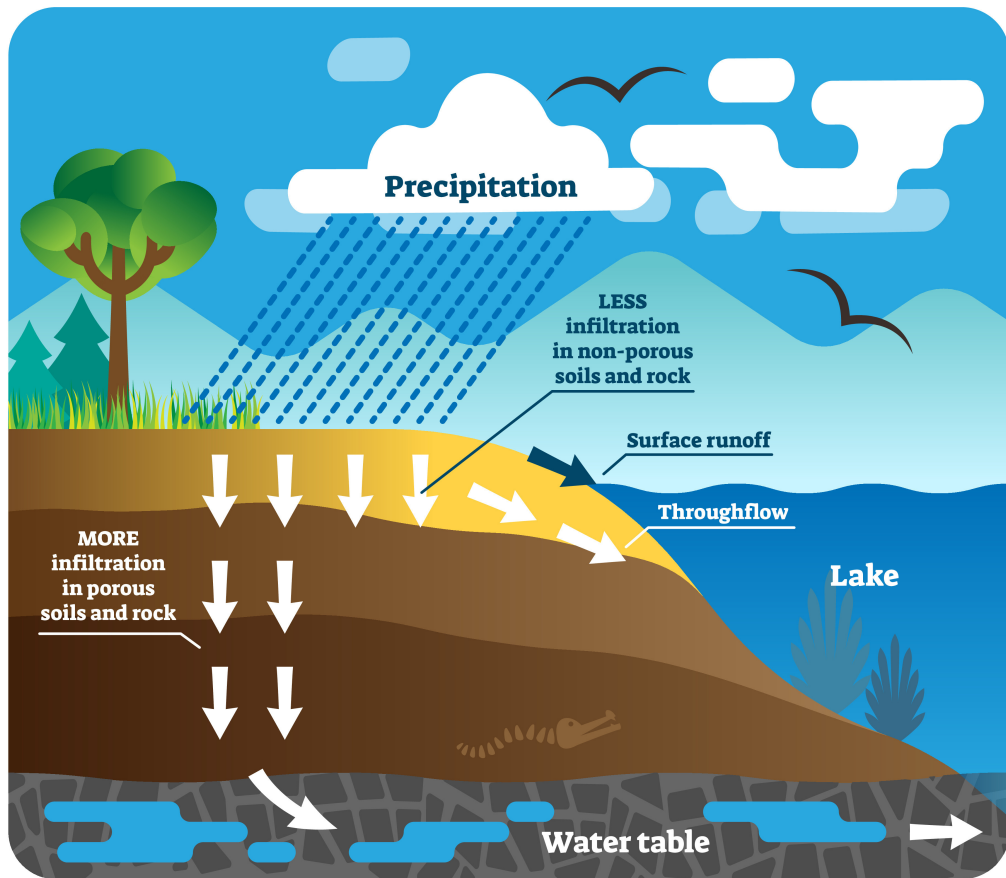


# Rain Water Harvesting



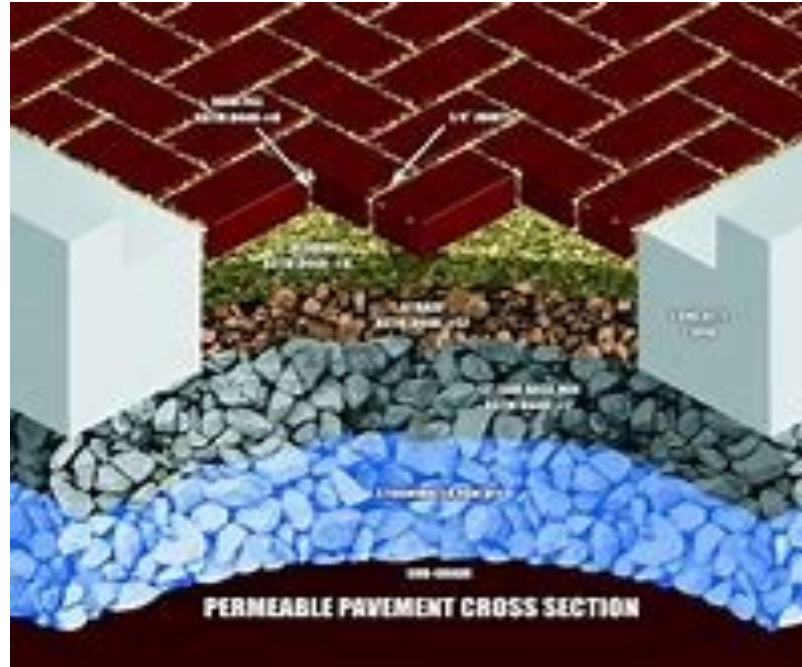
**Little Help Needed**

# INFILTRATION





# Permeable Pavers





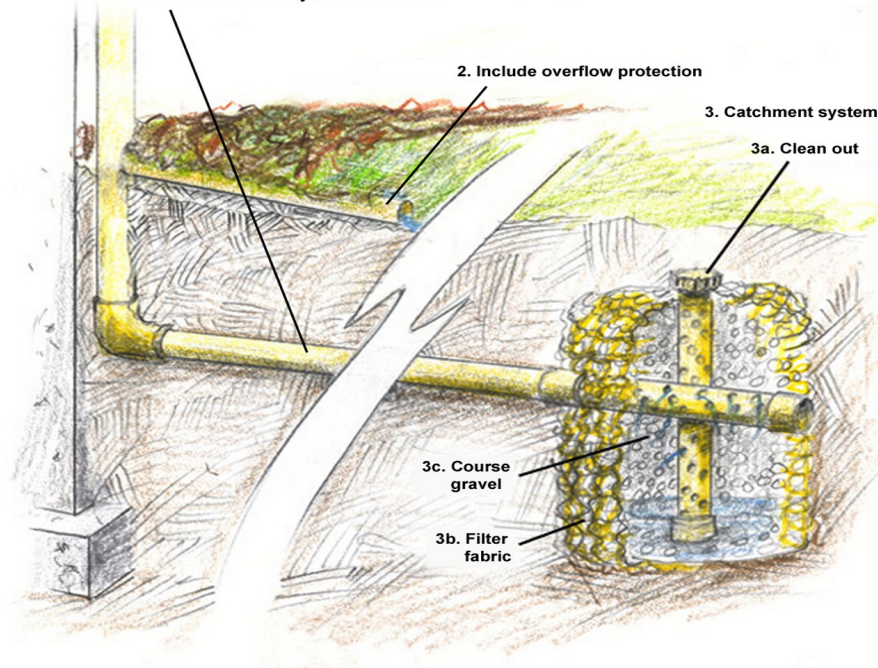


# Vegetated Stormwater Conveyance- Dry Swale



# Dry Well

1. Gutter downspouts connected to horizontal piping that terminates at an underground catchment system located at least 10 feet away from foundation



# Bio Retention Pond





# Constructed Wetlands



# Impervious Surface Removal



# Resources

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Virginia Conservation Assistance Program Assistant  
Coordinator  
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**Virginia Conservation  
Assistance Program**

Presented by Virginia Association of Soil & Water Conservation Districts



Lowery Becker  
Non-Point Source Specialist | Northern Neck Soil &  
Water Conservation District  
[lowery.becker@nnswwcd.org](mailto:lowery.becker@nnswwcd.org) | 804.313.9102x104  
Post Office Box 220 | 5559 Richmond Road Suite B |  
Warsaw, Virginia 22572

# How can VCAP help?

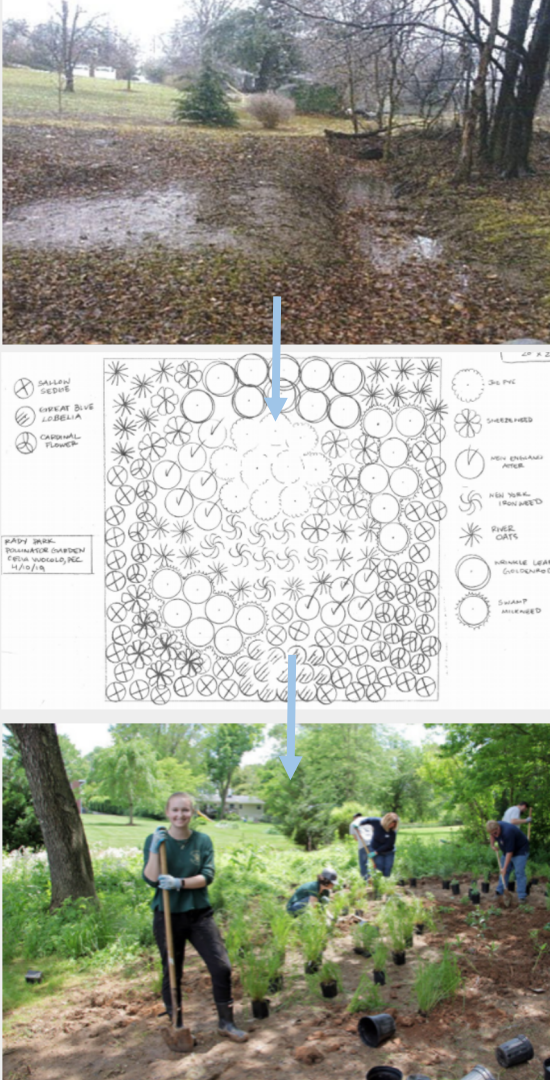
- **Restore** problem areas on properties
- **Treat** stormwater runoff
- **Stabilize** drainage areas
- **Conserve** water within a landscape
- **Control & minimize** erosion
- **Promote** wildlife habitat
- **Revegetate** bare slopes
- **Improve** riparian buffer areas
- Help Virginia meet WIP III Goals





## VCAP Process

- Application from local SWCD
- VCAP Steering Committee review
  - Ranking score determines order of eligibility
  - Emphasis on resource concern, pollutant removal efficiency, & cost efficiency
- Installation
- Final inspection by District
- Request for Reimbursement
- 10 year maintenance agreement



# PY2021 VCAP Cost-Share Rates

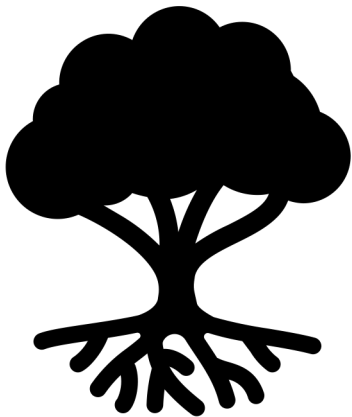
Practice	Lifespan	Reimbursement Rate	Max per application
Conservation Landscaping (CL) - Meadow - Mulched Bed - Tree Planting	10 years	75% of actual costs	\$ 3,500.00
Rain Garden (RG)	10 years	75% of actual costs	\$ 3,500.00
Dry Well (DW)	10 years	75% of actual costs	\$ 3,500.00
Constructed Wetland (CW)	10 years	75% of actual costs	\$ 10,000.00
Impervious Surface Removal (ISR)	10 years	\$2.50 per sq. ft.	\$ 10,000.00
Vegetated Stormwater Conveyance (VSC) - Dry Swale - Step Pool Conveyance System - Wet Swale	10 years	75% of actual costs	\$ 10,000.00
Rainwater Harvesting (RWH)	10 years	\$2.00 per gallon of treated volume*	\$ 10,000.00
Permeable Pavement (PP)	10 years	\$10.00 per sq. ft.**	\$ 10,000.00
Bioretention (BR)	10 years	75% of actual costs	\$ 15,000.00
Infiltration (IF)	10 years	75% of actual costs	\$ 15,000.00
Green Roof (GR)	10 years	\$10.00 per sq. ft.	\$ 15,000.00
Living Shorelines (LS)	10 years	75% of actual costs	\$ 15,000.00



**Lisa**  
**301-751-3039**



**James**  
**804-761-7531**



**Plants**



# INGLESIDE

## NURSERIES

# Plant Drive

- Plant Order Forms Will be Available on the Colonial Beach Community Foundation Website [www.cbcommunityfoundation.org](http://www.cbcommunityfoundation.org) on **September 1st**
- You Order and Pay for your Plants by **October 6<sup>th</sup>**.
- You pick-up your plants at the Community Center, Saturday, **October 16<sup>th</sup>** between 9 am and 12 Noon.

Common Names	Also Known As	Size	Price
<b>Ferns:</b>			
Royal Fern	Osmunda Rgalis	l gal	\$6.75
<b>Graminoids:</b>			
Pennsylvania Sedge	Carex pensylvanica #1 \$6	#1	\$6.00
Switchgrass	Panicum virgatum 'Heavy Metal'	#1	\$6.00
Switchgrass	Panicum virgatum 'Northwind'	#3	\$12.00
Common Little Bluestem	Schizachyrium scoparium 'Prairie Blues'	#1	\$6.00

<b>Herbs:</b>			
Threadleaf Coreopsis	Coreopsis verticillata 'Zagreb'	#1	\$6.00
Black-eyed Susan	Rudbeckia fulgida 'Goldsturm'	#1	\$5.00
Cutleaf Coneflower	Echinacea purpurea 'Magnus'	#1	\$6.00



<b>Large Trees:</b>			
Sweet Gum, Red Gum	liquidambar 7gal \$45	7 gal	\$45.00
RiverBirch, Red Birch	bet.N.heritage 6 to 8'	15 gal	\$60.00
Eastern Red Cedar	jun. virginiana	7 gal	\$33.00
Scarlet Oak	que. Coccinea	7 gal	\$45.00
Tulip-tree, Yellow Poplar	liriodendron	7 gal	\$45.00
Sycamore, Plane-tree	platanus exclamation	7 gal	\$45.00
Eastern Red Maple	acer rubrum	7 gal	\$45.00
October Glory Maple	acer rubrum	7 gal	\$45.00
Red Sunset Maple	acer rubrum	7 gal	\$45.00

<b>Small Trees and Shrubs:</b>			
Arrow-wood	blue muffin	5gal	\$21.00
Winterberry	Ilex verticillata 'Winter Red'	5 gal	\$20.00
Winterberry	Ilex verticillata red sprite (dwarf)	3 gal	\$13.00
Flowering Dogwood - pink	cornus florida	7 gal	\$40.00
Flowering Dogwood - white	cornus florida	7 gal	\$40.00
Eastern Redbud	cercis canadensis	7 gal	\$45.00
Sweet Bay	magnolia virginiana	3 gal	\$25.00
Northern Bayberry	myrica	3 Gal	\$13.00
Downy Serviceberry	amelanchier grand.	3 gal	\$25.00



**VIRGINIA**  
**AMERICAN WATER**



# Questions?