



# 2015 LANDSCAPING REBATE PROGRAM

## Application Packet

**Please complete and submit this application packet in order to apply for a rebate project.** Once application materials are received, reviewed, and determined to meet all program requirements, you will be contacted to set up a pre-construction inspection for the proposed project site. The application packet must be received **no less than two weeks before the start of work**. Rebate funding is not guaranteed if work begins prior to obtaining project approval. Design requirements and specifications can be found in the RiverSmart Rebate Homeowner Guide.

### 1. CONTACT INFORMATION

Name: \_\_\_\_\_ Email: \_\_\_\_\_  
Site Address: \_\_\_\_\_ Phone: \_\_\_\_\_

### 2. PROJECT INFORMATION

<u>Type of installation:</u> <input type="checkbox"/> Rain garden <input type="checkbox"/> Replacement of impervious surface with vegetation <input type="checkbox"/> Replacement of impervious surface with pervious pavers	<u>Size:</u> Project area: _____ square feet Stormwater runoff area: _____ square feet (Ex: roof area redirected to project through downspout) Total treatment area: _____ square feet (project + stormwater runoff area)
<u>Anticipated installation date:</u> _____	<u>Cost:</u> Amount requested for rebate: \$ _____ Anticipated total project cost: \$ _____

### 3. PARTICIPANT FEEDBACK

How did you hear about the RiverSmart Rebate Program? \_\_\_\_\_  
 Why did you choose to participate? \_\_\_\_\_  
 Comments: \_\_\_\_\_

### Required Application Materials

- ☐ **Perc Test Worksheet**  
(not required if replacing impervious surface with vegetation)
- ☐ **Design Sketch** (including before and after sketches of project area)
- ☐ **Itemized Invoice** from contractor or cost breakdown if DIY (including s.f. of area removed and pavers installed, if paver project)
- ☐ **Before Photos** (digital)
- ☐ **Rebate Maintenance Agreement** (hand-signed)
- ☐ **Ticket Number** from Ms. Utility at least 48 hours prior to construction (needed for post-construction paperwork)

### SEND APPLICATION MATERIALS AND QUESTIONS TO:

Sarah Davidson at the Alliance for the Chesapeake Bay  
 sdavidson@allianceforthebay.org . 202-817-9672  
 501 Sixth Street . Annapolis, MD 21403





# RIVERSMART HOMES

## PERC TEST WORKSHEET

Name: \_\_\_\_\_ Address: \_\_\_\_\_

**Overview:** A perc test, or percolation test, is required before beginning construction on a rain garden or pervious paver project. It will determine how quickly water drains from the soil at the project site. If the soil does not drain within 36 hours, the project will not function properly and may even lead to flooding on the property. Please follow the below steps and fill out the chart. This can be done by a contractor or homeowner. If possible, avoid doing the perc test when raining. **Note:** *If installing pervious pavers, the perc test can be performed in an adjacent unpaved area of the yard.*

**Step 1:** Dig a hole that is at least 24 inches (in.) deep and 6 in. wide in the area where the project will be installed. It is helpful to add a stake with a ruler attached to measure the rate of infiltration.

**Step 2:** Fill up the hole with 12 in. of water and let drain completely.

**Step 3:** Within 12 hours of the first fill, fill the hole again with 12 in. of water. Measure the water height every hour for 6 hours (at this point the rate of infiltration should stabilize). Fill out the Perc Test Table as the water drains.

**Step 4:** Follow the directions in the Perc Test Table to calculate the infiltration rate.

**Step 5:** Check the next day to make sure that the second filling has drained within 24-36 hours. An optimal infiltration rate would be 1.2 in. per hour and minimum acceptable infiltration rate is .3 in. per hour – *if the hole has not drained within 36 hours a rain garden or pervious paver installation is not possible.*

PERC TEST TABLE

	Elapsed Time (hours)	Depth of Water (inches)	Total Change in Water Level (inches)	Infiltration Rate (inches per hour)
First Fill	<12	N/A	Subtract water depth at hour 6 from 12 inches:  _____	Divide total change in water level by 6 hours:  _____
Second Fill	1			
	2			
	3			
	4			
	5			
	6			

PLEASE RETURN COMPLETED WORKSHEET TO:

Sarah Davidson at the Alliance for the Chesapeake Bay

[sdavidson@allianceforthebay.org](mailto:sdavidson@allianceforthebay.org) . 202-817-9672

501 Sixth Street . Annapolis, MD 21403



## **RIVERSMART LANDSCAPING REBATE PROGRAM MAINTENANCE AGREEMENT**

The District of Columbia Department of the Environment (DDOE) has granted the Alliance for the Chesapeake Bay funding to assist District homeowners with the installation of rain gardens and replacement of impervious surfaces as a part of their RiverSmart Rebate Program.

\_\_\_\_\_ at \_\_\_\_\_  
(Name of Property Owner) (Address of Property Owner)

has voluntarily agreed to participate in this program.

For the purposes of this agreement, the Best Management Practices (BMPs) are defined as follows:

- “Rain garden” is defined as an area that is designed to accept stormwater from a rooftop or other impervious surface and allow it to infiltrate into the ground. The rain garden is designed to accept rain water from a point and, during large rain events, to accept overflow using sheet flow into the surrounding land without the use of an under drain attached to the sewer system. The rain garden is landscaped with native plants from the mid-Atlantic region that are adapted to be occasionally inundated with water. Rain gardens must not disturb existing trees and/or their roots covered by the District’s Tree Preservation Act.
- “Pervious pavement” is defined as an area that is covered with pavement or other hard surface that permits water penetration into the soil. Pervious pavement may consist of any porous surface materials which are installed, laid, or poured such as paving stones, cement, or asphalt.
- “Impervious surface” is defined as an artificial surface such as a driveway, sidewalk, roof or road. An area in which water cannot naturally penetrate into the ground.
- “Impervious surface treated” is defined as the square footage of the project installation plus any area of impervious surface that drains into the newly created project area. (For example, the total impervious surface treated for a 50 square foot rain garden in combination with redirection of a downspout that empties 100 square feet of rooftop surface runoff into the garden is 150 square feet).

### **Responsibilities of the Alliance for the Chesapeake Bay (ACB):**

1. Provide property owners with information concerning the RiverSmart Landscaping Rebate program and answer questions
2. Assist property owners with completion of required paperwork
3. To ensure the property owner’s proper use and maintenance of rain gardens and permeable surfaces
4. Issue rebate to property owner upon successful completion of project and submittal of required documentation

### **Responsibilities of the Property Owner:**

1. Allow access to the site by ACB representatives and their contractors as needed
2. Provision of before and after photos of the project to be used at the discretion of ACB
3. Allow ACB and DDOE representatives access to the rain gardens and/or pervious surface for up to one year after installation to inspect for proper maintenance

4. Maintain the BMPs, including adequate watering of any installed plants and weeding (reference *RiverSmart Homes Program Care Instructions*) so the BMPs continue to function properly

**Financial Obligation of the Alliance for the Chesapeake Bay:**

Contingent on project approval:

- Issue rebate at \$1.25 per square foot of impervious area that is treated by the installation of a rain garden, the replacement of impervious surface with vegetation, or the installation of pervious pavement, not to exceed \$1,200.

**Financial Obligation of the Property Owner:**

- Cover any project cost over the maximum rebate amount of \$1,200.

**Indemnification**

The Property Owner agrees to indemnify and hold harmless the Alliance for the Chesapeake Bay and all of its officers, agents and servants against any and all claims of liability or lawsuits arising from or based on, or as a consequence of or result of, any act, omission or default of ACB employees or its subcontractors, in the performance of activities through the RiverSmart Rebate program.

**ALLIANCE FOR THE CHESAPEAKE BAY:**

ACCEPTED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

**PROPERTY OWNER:**

ACCEPTED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_