RainScape Rebates Program
2013-2014

Deer Creek Watershed Alliance

a project of
Missouri Botanical Garden

Round 3
The RainScape Rebates program is funded by Metropolitan St. Louis Sewer District, Mabel Dorn Reeder Foundation, Great Rivers Greenway, Missouri Department of Conservation, participating municipalities, and US EPA Region 7 through the Missouri Department of Natural Resources (subgrant number G11-NPS-15), under Section 319 of the Clean Water Act.
RainScaping Prize Drawing

Let us help YOU rainscape your yard! Fill out our short survey for a chance to win a $500 gift certificate for Shaw Nature Reserve’s Spring Wildflower Market next May. Or win one of the other fabulous prizes: plants, labor, a rain barrel, a garden bench, gift cards and more. Entries must be submitted by February 11, 2014.

See prize details and enter today!

(Do you live in the Deer Creek Watershed? Landowners in nineteen municipalities are eligible to apply for a rebate of up to $2,000. View a list of participating municipalities and learn more about RainScape Rebates.)

What Is RainScaping?

RainScaping consists of an array of sustainable landscaping practices that a landowner may employ to relieve rainwater-related problems. In addition to rain gardens and bioswales, a
RainScape Rebates Program

Landowners in participating municipalities are eligible to take part in a RainScape Rebates program. RainScape Rebates is a voluntary program that financially assists landowners in the Deer Creek Watershed wishing to landscape their yards to improve stormwater management. Seventy-five percent of the funds will be reserved for residential landowners, the remaining 25 percent will be available for schools, churches, businesses, and parks. The maximum rebate per site is 75 percent of documented expenses up to $2,000.

PARTICIPATING MUNICIPALITIES ARE:

- Brentwood
- Clayton
- Creve Coeur
- Crystal Lake Park
- Des Peres
- Maplewood
- Olivette
- Richmond Heights
- Rock Hill
- Shrewsbury

INFORMATION AND FORMS

For Landowners:
- RainScape Rebates Application
- Eligible Improvements List
- Participating Contractors List
- Register for an Orientation

For Contractors:
- Contractor Application
- FAQs for Contractors
- Register for Workshop

Resources:
- Online RainScaping Guide
- RainScaping Resources
- RainScaping Presentation
- Cost Comparison Presentation
- Graph Paper
- Drawing Instructions/Example
Due to limited funds, qualified applications will be competitively scored. Applicants awarded rebates will be notified of funding by March 14, 2014. A required workshop for new contractors will take place in December. Optional orientations for landowners will be available in January 2014. Learn more about and register for a workshop or orientation.

See details about awarded proposals from the first and second rounds of funding.

### Rainscape Rebates Timeline

<table>
<thead>
<tr>
<th></th>
<th>Round One</th>
<th>Round Two</th>
<th>Round Three</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applications Available</td>
<td>1.7.13</td>
<td>5.15.13</td>
<td>11.15.13</td>
</tr>
<tr>
<td>Contractor and Landowner Workshops</td>
<td>Feb 2013</td>
<td>May/June 2013</td>
<td>Dec 2013/Jan 2014</td>
</tr>
<tr>
<td>Rebate Applications Due</td>
<td>3.1.13</td>
<td>7.15.13</td>
<td>2.12.14</td>
</tr>
<tr>
<td>Project Notifications Out</td>
<td>3.18.13</td>
<td>8.15.13</td>
<td>3.14.14</td>
</tr>
<tr>
<td>Planting Time</td>
<td>Spring/Fall</td>
<td>Fall/Spring</td>
<td>Spring/Fall</td>
</tr>
<tr>
<td>Project Receipts and Completion Forms Due</td>
<td>No later than 12.2.13</td>
<td>No later than 6.15.14</td>
<td>No later than 10.3.14</td>
</tr>
<tr>
<td>Quality Control/Ground Truthing/Completion Forms Processed</td>
<td>Within 6 weeks of receipt of Project Completion Forms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rebate Funds Dispersed to Landowners</td>
<td>Within 12 weeks of receipt of Project Completion Forms</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Landowner Manual & Other Handouts
Changes from Prior Rounds & Round 3 Applications
Common RainScape Rebate Application Issues
RainScape Rebate Application

Contact Information
Name:
Address:
City:
Zip: 63141
Email address:

Would you like to receive the Deer Creek Watershed Alliance monthly email newsletter? ☐ Yes ☐ No

Type(s) of RainScaping to be Installed
☐ Rain Garden and/or Bioretention
☐ Stormwater Harvesting (Cistern or Rain Barrel)
☐ Woodland Restoration (Invasive species removal and replacement)
☐ Other:

Project Details Part A
If project is not plant-based, skip to Part B.

What is your project goal? Replace invasive species with native plants in woods. Plant old creek bed and woods with native plants that will help water to infiltrate into soil.

List plants to be installed, including genus and species, quantity, spacing, container size. Indicate which plants are native (including native cultivars). Attach additional paper as needed.

<table>
<thead>
<tr>
<th>Plant Genus &amp; Species</th>
<th>How Many</th>
<th>Spacing</th>
<th>Container Size</th>
<th>Native?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Where will you obtain your plants?
What invasive plants (such as Bush Honeysuckle, etc.) will be removed, if any? Bush Honeysuckle, Euonymus/Wintercreeper Ground Cover.

Did you conduct a percolation test? ☐ Yes ☐ No
Homeowner has observed that water drains from old creek bed in about a day.

Describe your soil amendment strategy by describing the following:
• Mulch—what kind, how deep, where is it from
• Quantity of compost applied (in inches)—what kind, where is it from
• If aeration method is used, name the type of aerator and depth of aeration (in inches)
• Woodland areas to be covered with naturally occurring composted leaf litter as required to minimize erosion.

Project Details Part B

Will your feature capture runoff or rainwater directly from your roof? ☐ Yes ☐ No ☐ If so:
• What portion of your roof will drain to the feature? All of Downspouts to drain towards feature but not connected
• Does your roof have a slight, moderate, or steep slope or is it flat? ☐ Moderate
• What is your building footprint? (area in square feet divided by the number of above-ground floors) 2000

Will your feature capture yard runoff? ☐ Yes ☐ No ☐ If so:
• What is the size of your property in square feet or acres? (You can estimate the area of your property by stepping it off in 3 foot intervals. Approx. 1 Acre (43,560 SF))
• What portion of your property will drain to your feature? Most of lot except for part of front yard

How many neighboring properties, if any, will drain towards your feature? Neighbor to North & part of common gr.
Of those neighbors, how many are also submitting applications and what are their addresses? I am not aware of any other neighbors

What is the (estimated) total surface area in square feet draining to your RainScape feature (roof and/or uphill areas that drain to the feature)? Approximately 1 Acre (43,560 SF)
What is the number of square feet of the lawn area to be converted, or woodland to be restored? 9800 SF

Will your maintenance be ongoing? ☐ No ☐ If yes, please indicate:
Continue to remove honeysuckle in beds, Weed Beds. Water plants as necessary during establishments and periods of drought. Keep excess leaves out of bed with small plants

Budget

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Cost</td>
<td>$200</td>
</tr>
<tr>
<td>Materials Cost</td>
<td>$1750</td>
</tr>
<tr>
<td>Labor Cost</td>
<td>$955</td>
</tr>
<tr>
<td>Total Cost</td>
<td>$2955</td>
</tr>
</tbody>
</table>

Who will install the landscaping? Please check one: ☐ Do it yourself ☐ Contractor
If using a contractor, name up to three that you plan to or have solicited bids from. (Participating contractors are required to attend an informational meeting on Feb. 6, from 8:00-10:30 a.m. at Frontenac City Hall). If you are installing your own landscaping, workshop attendance is optional.

Outreach

☐ Yes ☐ No Please check "Yes" or "No" for each question
Part of Project

☐ Is project visible from the street or publicly accessible?
☐ Will you allow Deer Creek Watershed Alliance to use pictures taken of your project before and after completion to keep on file and to use in public outreach efforts or publications? ☐ Yes
☐ Are you interested in offering your site for a "volunteer day" training workshop and receiving volunteer assistance with your RainScape installation? ☐ No

Signature/Agreement

☐ Yes, I have read and agree with all RainScape Rebates program requirements.

Participant Signature
Applications – Needs Improvement

Please use the actual application
Applications – Needs Improvement

RainScape Rebates Application

Contact Information
Name: 
Address: 
City: 
Zip: 
Email: 

Would you like to receive the Deer Creek Watershed Alliance monthly email newsletter? ☐ Yes ☐ No

Type(s) of RainScaping to be Installed
☐ Rain Garden and/or Bioswale
☐ Lawn Alternatives (replace turf grass with trees & groundcover, shrubs, perennials and/or prairie plants)
☐ Stormwater Harvesting (Cistern or Rain Barrel)
☐ Woodland Restoration (Invasive species removal and replacement)
☐ Other

Project Details Part A
If project is not plant-based, skip to Part B

What are your project goals?

List plants to be installed, including genus and species, quantity, spacing, container size. Indicate which plants are native (including native cultivars). Attach additional paper as needed.

<table>
<thead>
<tr>
<th>Plant Genus &amp; Species</th>
<th>How Many</th>
<th>Spacing</th>
<th>Container Size</th>
<th>Native</th>
</tr>
</thead>
</table>

Where will you obtain your plants?

What invasive plants (such as Bush Honeysuckle, etc.) will be removed, if any?

Did you conduct a percolation test? ☐ Yes ☐ No

Describe your soil amendment strategy by describing the following:
• Much—what kind, how deep, where is it from
• Amount of compost applied (in inches)—what kind, where is it from
• Tillage methods used, name the type of aerator and depth of aeration (in inches).

Project Details Part B

Will your feature capture runoff or rainwater directly from your roof? ☐ Yes ☐ No

What portion of your roof will drain to the feature?

Does your roof have a slight, moderate, or steep slope or is it flat?

What is your building footprint? (The area in square feet divided by the number of above-ground floors)

Will your feature capture yard runoff? ☐ Yes ☐ No

What is the size of your property in square feet or acres? You can estimate the area of your property by stepping off it in 3 foot intervals. 100 x 168 feet = 16,800 sq ft

What portion of your property will drain to your feature? ☐ Yes ☐ No

How many neighboring properties, if any, will drain towards your feature?

Of those neighbors, how many are also submitting applications and what are their addresses?

What is the (estimated) total surface area in square feet draining to your RainScape feature (roof and/or upland areas that drain to the feature)?

House footprint is 1,612 sq ft, so maybe 1,200 sq ft.

What is the number of square feet of the lawn area to be converted, or woodland to be restored?

What is your maintenance plan? This involves only rain barrels and a new diversion of a downspout so the only maintenance is my normal gardening, plus maintaining the terraces themselves.

Budget

| Design Cost | $600.00 |
| Materials Cost | $400.00 |
| Labor Cost | $450.00 |

What is the estimated rebate amount requested (maximum 75% of documented costs)?

$600.00

Who will install the landscaping? Please check one: ☐ Do it yourself ☐ Contractor

If using a contractor, name up to three that you plan to or have solicited bids from. (Participating contractors are required to attend an informational meeting on Feb. 6 from 8:00-10:00 a.m. at Frontier City Hall.) If you are installing your own landscaping, workshop attendance is optional.

Outreach

Yes ☑ No ☐ Please check "Yes" or "No" for each question

☒ ☐ Is project visible from the street or publicly accessible?

☒ ☐ Will you allow Deer Creek Watershed Alliance to use pictures taken of your project before and after completion to keep on file and to use in public outreach efforts or publications?

☒ ☐ Are you interested in offering your site for a "volunteer day" training workshop and receiving volunteer assistance with your RainScape installation?

Signature/Agreement

Yes, I have read and agree with all RainScape Rebates program requirements.

Participant Signature

3
## Budget – Needs Improvement

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Cost</td>
<td>$1500</td>
</tr>
<tr>
<td>Materials Cost</td>
<td>$1500</td>
</tr>
<tr>
<td>Labor Cost</td>
<td>$3000</td>
</tr>
<tr>
<td><strong>TOTAL COST</strong></td>
<td><strong>$3,880</strong></td>
</tr>
</tbody>
</table>

What is the estimated rebate amount requested (maximum 75% of documented costs)?

$2,000
### Itemized Material Schedule

#### Plantings

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Common Name</th>
<th>Size</th>
<th>Price per Plant</th>
<th>Extended Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Itea Little Henry</td>
<td>3 Gal</td>
<td>$31</td>
<td>$244</td>
</tr>
<tr>
<td>3</td>
<td>Red Twig Dogwood - Variegated</td>
<td>5 Gal</td>
<td>$38</td>
<td>$113</td>
</tr>
<tr>
<td>4</td>
<td>Monarda</td>
<td>1 Gal</td>
<td>$9</td>
<td>$37</td>
</tr>
<tr>
<td>12</td>
<td>Carex Evergold</td>
<td>1 Gal</td>
<td>$12</td>
<td>$149</td>
</tr>
<tr>
<td>6</td>
<td>Palm Sedge</td>
<td>1 Qt</td>
<td>$6</td>
<td>$37</td>
</tr>
<tr>
<td>2</td>
<td>Shining Bluestar</td>
<td>1 Qt</td>
<td>$6</td>
<td>$12</td>
</tr>
<tr>
<td>3</td>
<td>Swamp Milkweed</td>
<td>50 mm (2&quot;)</td>
<td>$3</td>
<td>$10</td>
</tr>
<tr>
<td>3</td>
<td>Little Joe Joe Pye</td>
<td>1 Qt</td>
<td>$6</td>
<td>$18</td>
</tr>
</tbody>
</table>

#### Other Materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mulch - 2.5 CY</td>
<td></td>
<td>$70</td>
</tr>
<tr>
<td>Fabric 100 SF</td>
<td></td>
<td>$40</td>
</tr>
<tr>
<td>Smaller stone in creek bed - Missouri Red Granite 3/4&quot; 1.5 Tons</td>
<td></td>
<td>$203</td>
</tr>
<tr>
<td>Larger rocks scattered through creek bed - Squaw Valley Rainbow Cobblers 4 - 10&quot; .75 Tons</td>
<td></td>
<td>$443</td>
</tr>
</tbody>
</table>

Total Materials $1,377
### Detailed Budget - Good

**Itemized Budget – Deer Creek Watershed Rainscaping Application**

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit Cost</th>
<th>#</th>
<th>Total Cost</th>
<th>Vendor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainbarrel – 75 gallons</td>
<td>$249</td>
<td>2</td>
<td>498.00</td>
<td>Rainwater Harvesting Supply Company</td>
</tr>
<tr>
<td>Plants (w tax, S/H)</td>
<td></td>
<td></td>
<td>258.81</td>
<td>Missouri Wildflower Nursery</td>
</tr>
<tr>
<td>Slow Drip hoses (attach to each rainbarrel)</td>
<td>10.50</td>
<td>2</td>
<td>21.00</td>
<td>Home Depot – Gilmour 5/8 x 25 ft flat soaker hose</td>
</tr>
<tr>
<td>Step stones</td>
<td>5.80</td>
<td>5</td>
<td>29.00</td>
<td>Home Depot</td>
</tr>
<tr>
<td>Subtotal materials</td>
<td></td>
<td></td>
<td>806.81</td>
<td></td>
</tr>
<tr>
<td>Labor</td>
<td>180</td>
<td>2</td>
<td>360</td>
<td>Installing rainbarrels</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>1166.81</td>
<td></td>
</tr>
</tbody>
</table>
Great list of plants – but don’t put it in narrative form.

Harder to pull out the information and we might miss something!

Also needs numbers and spacing of individual plant species.
Landscape Plan - Good

KEY FOR PLANTS
1 - 5 IVY-IVY, IVY DWARF
2 - 6 HOSTA
3 - 8 Sensitive Fern & Hosta 'Hosta Ave.'
4 - 4 WILD HYDRANGEA
5 - 3 V. EVANEA
6 - 5 GOATS BEARD
7 - 1 BOTTLE BRUSH<br>8 - 29 COFFEE BUSH
9 - 1 BEAUTY BEER BUSH<br>10 - 14 WILD FERRENTAUM

SCALE 1:20 (1/4" = 1')
Landscape Plan - Good
Includes an overview map AND...
... a close-up design of individual feature(s)
Current condition photos, construction to begin in 30 days or less

View looking South from North corner of Dr. to 1 red taped tree to be removed, yellow stake top of new modular block wall. All trees and invasive honeysuckle to be removed to left of red line, which is new wall line.

View looking North from towards items to be cleared to right of red line.
Photos - Good

Photo showing same flow as photo E - this photo from same spring 2013 rain as photos B & L.

Landowner name and address
Photos – Need Improvement

No label
No indication of types of feature or feature location[s]
*No label*

* Shows that landscaping going into a pre-existing landscape feature.
## Final Project Detail

Complete the form below for each rainscaping feature included in your original design. This form MUST accompany Project Completion Form.

<table>
<thead>
<tr>
<th>Feature Description &amp; Estimated Site in Original Design</th>
<th>If a Plant-Based Feature: Plant List &amp; Number of Plants in Original Design (attach a separate sheet if necessary)</th>
<th>If a Plant-Based Feature: Plant List &amp; Number of Plants in Final Design (attach a separate sheet if necessary)</th>
<th>Comments: Is final design the same or different from the initial design?</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAIN GARDEN</td>
<td>SEE ATTACHED PLANTED 7/5/2013 ONLY 2 SMALL CHANGE TO INITIAL DESIGN WIDER IN APPLICATION PLANTS IN EXISTING PAVING</td>
<td>PLANTED, SEE PHOTOS IN SOUTH SIDE NO CHANGE IN PLANTS, SIZES, APPLICATIONS OR DESIGN</td>
<td>DECORATIVE STONE TREATMENT</td>
</tr>
</tbody>
</table>
Receipts - Good

- Includes date
- Includes vendor name
- Includes landowner name
- Detailed listing of what was purchased, amount and cost
- Receipt showing payment is attached
Receipts - Good

- Includes date
- Includes vendor name
- Includes landowner name
- Detailed listing of what was purchased, amount and cost
- Installation included in line items (preferable if include more details such as hourly rate, # of hours, dates work completed etc.)
- Receipt marked showing that landowner paid

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
<th>Serviced</th>
<th>Qty</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 gal. ilex opaca &quot;Greenslee&quot; (American Holly)</td>
<td>142.00</td>
<td>6</td>
<td>852.00</td>
<td></td>
</tr>
<tr>
<td>3 gal. Aesculus pavia (Red Suckeye)</td>
<td>30.00</td>
<td>1</td>
<td>30.00</td>
<td></td>
</tr>
<tr>
<td>3 gal. Cornus alternifolia (Pagoda Dogwood)</td>
<td>24.00</td>
<td>1</td>
<td>24.00</td>
<td></td>
</tr>
<tr>
<td>3 gal. Amelanchier alnifolia Tree Form (Serviceberry)</td>
<td>20.00</td>
<td>3</td>
<td>60.00</td>
<td></td>
</tr>
<tr>
<td>5 gal. Asamina triflora (Paw Paw)</td>
<td>48.00</td>
<td>3</td>
<td>144.00</td>
<td></td>
</tr>
<tr>
<td>3 gal. Chionanthus virginicus (FringeTree)</td>
<td>24.00</td>
<td>1</td>
<td>24.00</td>
<td></td>
</tr>
<tr>
<td>3 gal. Itea virginica (Virginia Sweetspire)</td>
<td>20.00</td>
<td>11</td>
<td>220.00</td>
<td></td>
</tr>
<tr>
<td>3 gal. Spiraea tomentosa (Hardhack Spirea)</td>
<td>20.00</td>
<td>5</td>
<td>100.00</td>
<td></td>
</tr>
<tr>
<td>3 gal. Symphoricarpos orbiculatus (Coral Berry)</td>
<td>18.00</td>
<td>7</td>
<td>126.00</td>
<td></td>
</tr>
<tr>
<td>5 gal. Ilex verticillata &quot;Winter Red&quot; (Winterberry Holly)</td>
<td>30.00</td>
<td>7</td>
<td>210.00</td>
<td></td>
</tr>
<tr>
<td>5 gal. Ilex verticillata &quot;Winter Red&quot; (Winterberry Holly)</td>
<td>20.00</td>
<td>1</td>
<td>20.00</td>
<td></td>
</tr>
<tr>
<td>5 gal. Ilex verticillata &quot;Southern Gentleman&quot; (Male Winterberry)</td>
<td>10.00</td>
<td>1</td>
<td>10.00</td>
<td></td>
</tr>
<tr>
<td>3 gal. Hydrangea arborescens (Smooth Hydrangea)</td>
<td>20.00</td>
<td>6</td>
<td>120.00</td>
<td></td>
</tr>
<tr>
<td>1 gal. Amsonia hubrichtii (Narrow-leaf Blue Star)</td>
<td>9.00</td>
<td>10</td>
<td>90.00</td>
<td></td>
</tr>
<tr>
<td>1 gal. Callicarpa americana (Beautyberry)</td>
<td>10.00</td>
<td>7</td>
<td>70.00</td>
<td></td>
</tr>
<tr>
<td>Yard Oak Bark Mulch</td>
<td>26.00</td>
<td>12</td>
<td>312.00</td>
<td></td>
</tr>
<tr>
<td>1 gal. Roundup QuikPro Installation</td>
<td>1,300.00</td>
<td>10</td>
<td>1,300.00</td>
<td></td>
</tr>
</tbody>
</table>

Subtotal $3,812.00
Sales Tax (6.925%) $173.96
Total $3,985.96
Balance Due $0.00
Receipts - Good

- Includes date
- Detailed list of what was purchased and costs
- Shows landowner paid
- Landowner labeled what receipt was for
- COULD add a number to label this copy to coincide with listing in budget summary
- IF PAY SOMETHING WITH CHECK – prefer that copy of cancelled check also included
Receipts – Need Improvement

- No vendor name
- Only includes landowner’s first name
- No date
- Vague listing of items purchased
- Nothing denoting that landowner paid

Better...but,
- No individual pricing for items
- Ideally should be on a form
Dates to Remember

Optional Landowner Orientations
- Thursday, January 9
- Saturday, January 11

Applications Due
- Wednesday, February 12

Applicants Notified
- Friday, March 15
The Basics of Rainscaping
Rainscaping Cost Comparisons
Thank you!!

Additional Questions?