



RIVERSMART HOMES RAIN BARREL CONTRACTOR TRAINING

WEDNESDAY . AUGUST 19, 2015 . WASHINGTON, DC

TRAINING SCHEDULE

MORNING SESSION

Location: 1200 First Street NE, Washington DC 20002

AFTERNOON SESSION

4445 Texas Ave SE, Washington, DC 20019

Metro: Benning Rd

RIVERSMART HOMES



Voluntary incentive program

Financial and technical assistance
to install 5 BMPs

Must have audit

DOEE coordinates installs

District single-family or < 4 multi-
family buildings only

RIVERSMART HOMES PRACTICES



RIVERSMART HOMES AUDITS

Homeowner enrolls in RiverSmart Homes...

1 hour

DOEE auditor evaluates property during stormwater audit

Within 2 weeks

DOEE auditor provides report to homeowner

1 week – 3 months

Homeowner chooses practices to implement



Homeowner responds to DOEE with preferences for installations



DOEE refers homeowners to appropriate nonprofits...

Installs take place within 2-10 months

RIVERSMART HOMES INSTALLATIONS

DOEE refers homeowner to appropriate non-profit partner(s)



- \$50 copayment per tree
- Tree audit
- No limit to number of trees
- 19 native species



????

- \$45 copayment per barrel
- Two per property
- 132 gallon RiverSides rain barrel



- \$75 copayment (rain garden)
- \$100 copayment (BayScaping)
- \$1,200 subsidy for pavers



RAIN BARREL REBATE (RIVERSMART REBATES)

- What is it?
 - A rebate option for homeowners who:
 - Are on an expedited timeline
 - Are DIY-savvy
 - Who want more than the two barrels provided through the standard RiverSmart Homes program
- How does it work?
 - Specific criteria (or our list of pre-approved barrels)
 - \$1 per gallon, up to \$500 per property (up to two barrels per property)
- How does it impact contractors?
 - Opportunity for fee for service work
 - Terms between the homeowner and contractor are set by the contractor

RIVERSMART & RAIN BARRELS



Over 7,000 District homeowners have applied

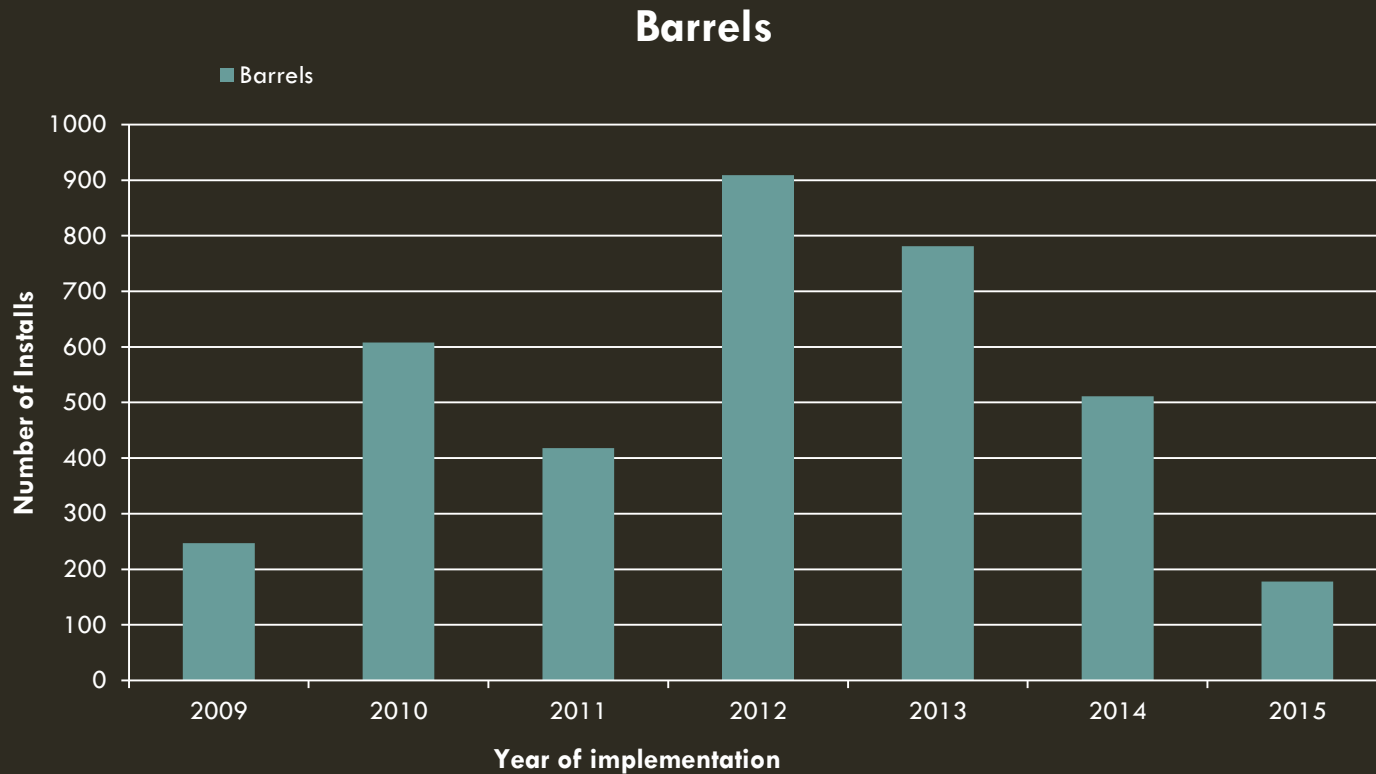
Auditing over 1000 properties in 2015

Over 3,600 rain barrels installed since 2009

200+ of rain barrels rebates issued



RAIN BARRELS INSTALLED SINCE 2009

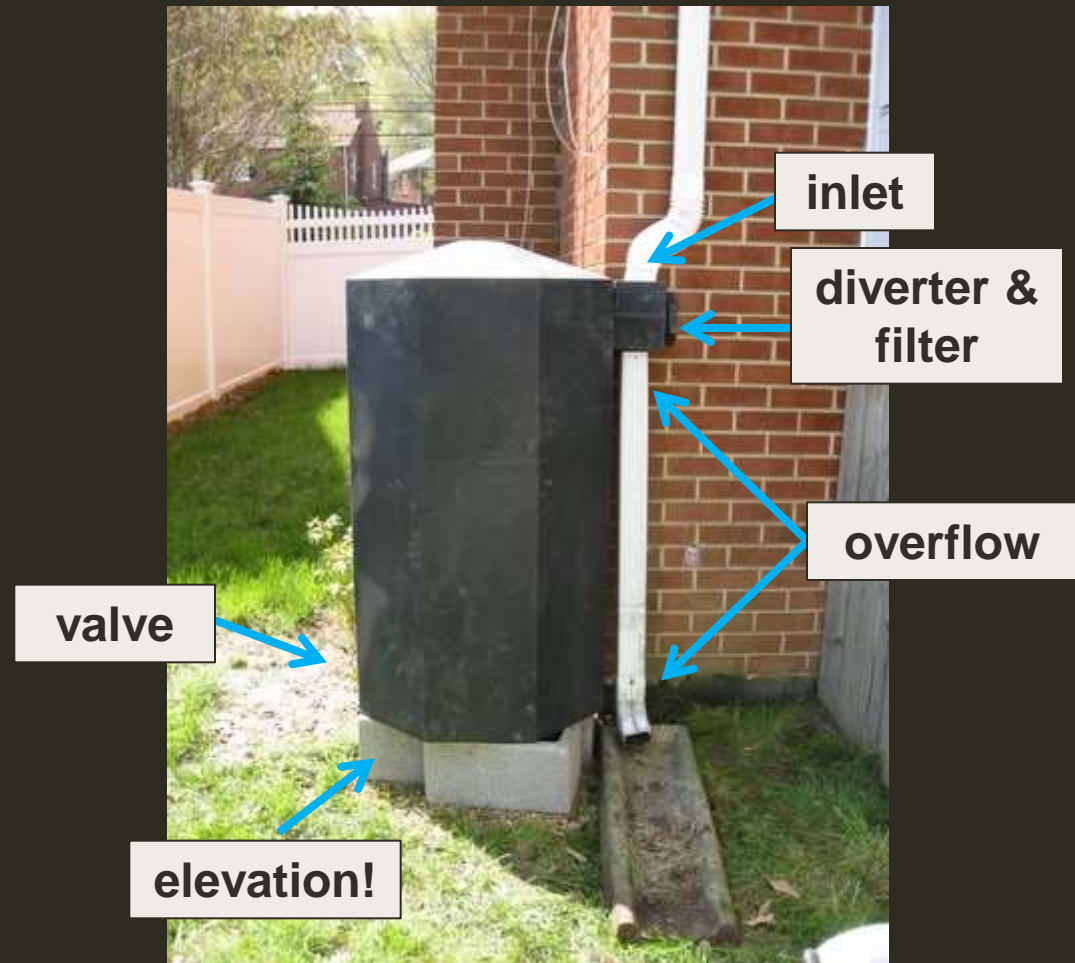


RAIN BARRELS DEFINED

- Rain barrels connect to a house's downspout to capture and store the rainwater running off your rooftop
- The harvested rainwater can be stored for later use; released slowly over time to infiltrate properly; or used immediately to water lawns and landscaped areas, fill ponds or fountains, or wash cars.

RIVERSIDES RAIN BARREL BASICS

- 132 gallons
- Recycled plastic
- Currently available in green and black



RAIN BARREL FEATURES & COMPONENTS

- Inlet: where the downspout meets the rain barrel
- Diverter: directs water either into the barrel or to bypass
- Filter: prevents leaves and other debris from entering barrel
- Overflow: re-routes water away from barrel when barrel is full
- Valve: standard spigot, allows homeowner to easily drain barrel
- Elevation: Rain barrels are gravity-fed and should be elevated to increase water pressure

RAIN BARREL INSTALLATION

- Parts & tools needed
 - Downspout parts
 - Flexible extension
 - Elbows
 - Brackets
 - Screws
 - Tools
 - Hacksaw
 - Drill
 - Info from DOEE

RAIN BARREL INSTALLATION

1.) Prep installation site

- Identify downspout for installation
- Clear area around downspout (debris, etc.)
- Level ground
- Rain barrel orientation

2.) Assemble Barrel

3.) Measure & Cut downspout

- Be sure downspout will be supported

4.) Attach elbow/inlet

- What to look for (include picture)

5.) Re-attach downspout for overflow

- Overflow routed away from foundation of house (preferably into vegetation)

COMMON INSTALLATION PROBLEMS

- Where/how to attach brackets to side of house
- Uneven installation site
- Copper downspouts
- Downspouts or gutters in poor condition/not secured to house
- Wood decks
- Incomplete audit information

RAIN BARREL MAINTENANCE

- Draining the barrel
 - When? Either before or after each rain.
 - How? Soaker hose.
- Cleaning filter
 - When? Once a month.
 - How? Remove diverter from diverter box, clean out debris, hose off.
- Winterization
 - When? Winter – typically in January and February.
 - How? Turn diverter to bypass, open valve.
 - Why? To prevent water from freezing in barrel.

RAIN BARREL PROGRAM HISTORY

2009 – May 2014: DC Greenworks purchased rain barrels and installed them citywide

July 2014 – June 2015: Green Spaces for DC installed rain barrels in a targeted watershed

July 2015 – present: Green Spaces for DC is installing rain barrels city wide; Alliance for the Chesapeake Bay is administering rain barrel rebates

August – September 2015: Request for Applications to administer installations and rebate program open

RAIN BARREL RFA

Administer rain barrel installation and rebates

Applications due by September 7, 2015

\$215,000 over two years

Eligible to apply if:

- Nonprofit organization
- Faith-based organization
- Universities/educational institutions

Partnerships between eligible applicants and private enterprises and/or government agencies are permissible as long as the lead applicant is an eligible applicant.

Available at: <http://doee.dc.gov/page/grants-and-other-funding>

RFA QUESTIONS & ANSWERS

Questions are welcome!

Will need extra time to write down questions

All questions and answers will be available online at
<http://doee.dc.gov/node/1102762>

PRIMARY TASKS FOR GRANTEE

1. Facilitate RB installations (RiverSmart Homes)
 - Propose # of RB installations
 - Propose # of installers contracted with or hired
2. Provide RB rebates to qualifying property owners who purchase and self-install RBs (RiverSmart Rewards)
 - Propose amt of funding to be awarded as rebates
3. Educate homeowner receiving installations and/or rebates on stormwater issues and best management practices
 - Propose number of homeowners reached with education materials or activity

PRIMARY TASKS FOR DOEE

1. Provide homeowner names for RSH installs
2. Provide RBs for RSH installs
3. Determine copayment (\$45/barrel) and rebate amounts (\$1/gallon)
4. Set rebate criteria (min 50 gal., etc.)
5. Set per property maximums for installation and rebates (2 copayments and 2 rebates)

RAIN BARREL INSTALLATION ACTIVITIES

- Contract or hire rain barrel installers
- Supervise rain barrel installers
- Install target number of rain barrels proposed
- Ensure timely, quality installations
- Store rain barrels and associated parts purchased by DOEE in a secure location that protects against damage or theft
- Manage inventory of rain barrels and associated parts and supplies
- Facilitate homeowner communication with installers
- Accept and account for homeowner copayments
- Collect a signed liability release form and maintenance agreement from the homeowner
- Maintain and report installation and homeowner data
- Educate homeowners receiving RB installations on urban runoff and pollution issues, techniques to reduce them, and proper RB maintenance
- Provide reports to DOEE

RAIN BARREL REBATE ACTIVITIES

- Issue target amount funding as rebates to qualified homeowners proposed above
- Review and evaluate all rebate applications
- Assist program participants throughout the rebate process
- Administer and send rebates in a timely manner
- Update and maintain rebate program documents and application files
- Maintain and report installation and homeowner data
- Educate homeowners receiving rain barrel rebates on stormwater issues
- Provide reports to DOEE

SCORING CRITERIA

Scoring Criteria	Points
Shows a cost-effective and professional approach to maximize the number of rain barrels to be installed and yield the highest quality installations	40
Shows a cost-effective and professional approach to advertising and administering rain barrel rebates	15
Provides a creative and engaging way to educate homeowners receiving rain barrel installations and/or rebates	15
Demonstrates that personnel actively working on the project will be qualified and have a solid understanding of rain barrels' use, components, installation, and maintenance	10
Provides an excellent, detailed plan of work with quantifiable measures and milestones that states targets to be achieved	10
Provides a detailed and reasonable justification for the funds requested, presented in a narrative and as a line-item budget	10

OTHER GOOD-TO-KNOW INFO

The RFA

- Funding source
- Permissible use of grant funds
- Applications: when, what, and where
- Updates and Q&A
- Proposal content
- Documents to file as a part of your proposal (pages 15-18)
- Documents to file if you are the grantee
- Grant award administration

The PCA

- Payment
- Big grant purchases
- Contracts, subcontracts, and/or sub-grants
- Accounting and audits
- Document retention
- Insurance



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