

# Stormwater Management Discount Program

## Landscape Professional Training

*February 15, 2018*



**RAINWATER HARVESTING  
SYSTEM**



**RAIN GARDEN**



**GREEN ROOF**



**STORMWATER POND**

# Presentation Outline

1. Background
2. Program Overview
3. Q&A



Rain Garden



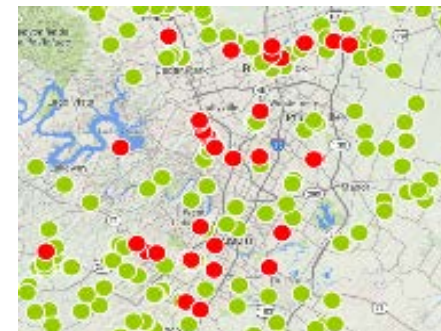
Rain Tanks



Stormwater Pond

# Background – Drainage Charge

- **Dedicated source of funding for the 3 critical mission areas for Watershed Protection**
  - Flooding
  - Erosion
  - Water Pollution
- **Approximately 95 % of total budget of approximately \$93 million comes from drainage charge**
- **Program Areas Funded**
  - Flood Risk Reduction
  - Infrastructure and Waterway Maintenance
  - Stream Restoration
  - Watershed Policy and Planning
  - Water Quality Protection
  - Cash funding towards Capital projects



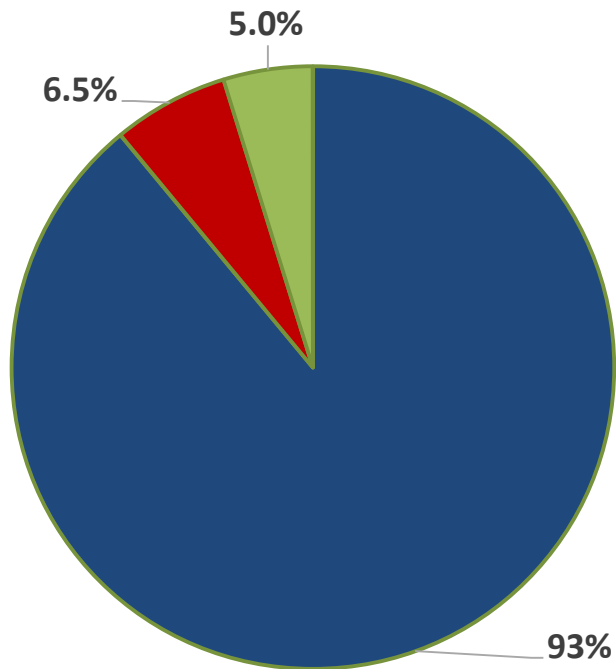
# Background – Drainage Charge

- **New Charge Implemented in Oct. 2015**
  - Based on amount and percent of impervious cover
  - Apply to entire property, not units on property
  - Calculated same way for all properties
- **Drainage Charge Formula**
  - Drainage Charge = Base Rate x Impervious Cover x Adjustment Factor



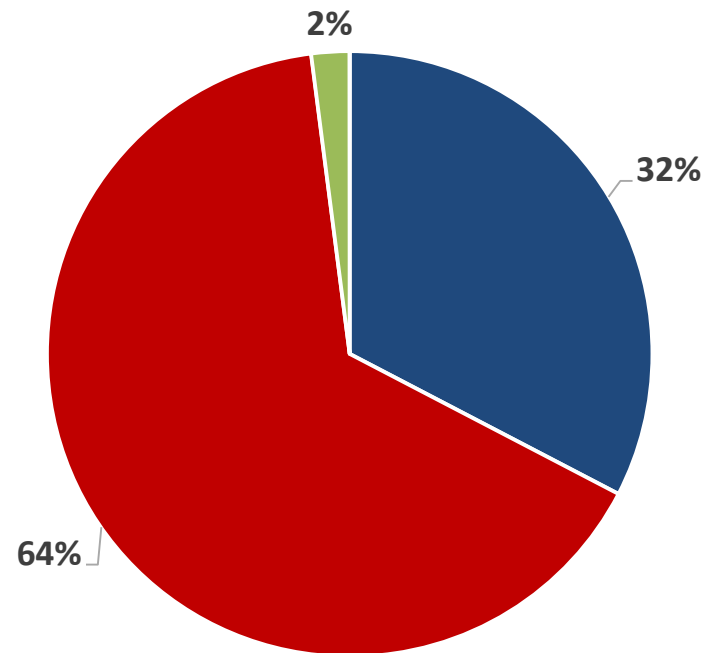
# Background - Billing Data as of Jan 2018

## Customer Type



■ Residential ■ Commercial ■ Other

## Revenue



■ Residential ■ Commercial ■ Other

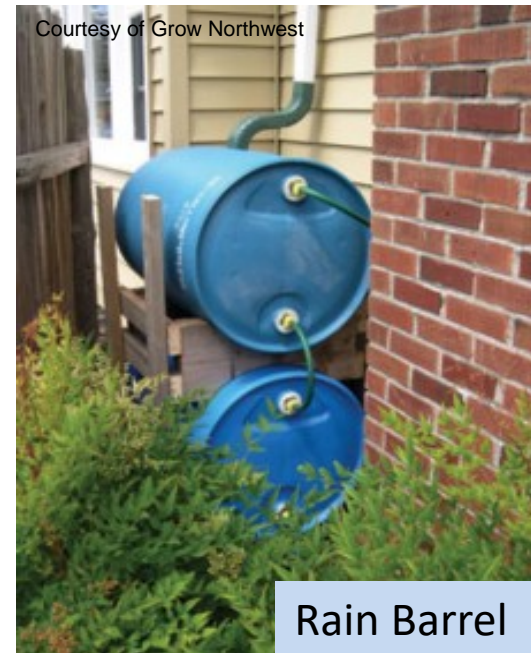
# Background – Why a Discount?

- **Recognize reduction in drainage impact**
  - Storing stormwater on your property can reduce the impact of impervious cover
- **Provide a way to reduce your bill**
  - Customers have options to reduce their other utility bills
- **Reduce damaging effect of stormwater**
  - While impact reduction per property may be relatively small, it can have a cumulative effect



# Program Overview - Eligibility

- **What's eligible**
  - Tanks
  - Rain Gardens
  - Detention, Water Quality, and Retention/Irrigation Systems
  - Green Roofs



# Program Overview

Water Quality Pond



Detention Pond



Retention/Irrigation Pond



Green Roof





# Program Overview- Amount of Discount

## The discount varies, based on:

- Volume of stormwater control measure
- Amount of impervious cover on property
- Percent of impervious cover on property
- Amount of impervious cover feeding the stormwater control measure

## STORMWATER CONTROL MEASURE

## TYPICAL DISCOUNT RANGE\*

55 gallon tank

\$0.20 to \$0.30 per month

Small rain garden (60 sq ft., 6 inches deep)

\$0.70 to \$1.20 per month

1,000 gallon tank

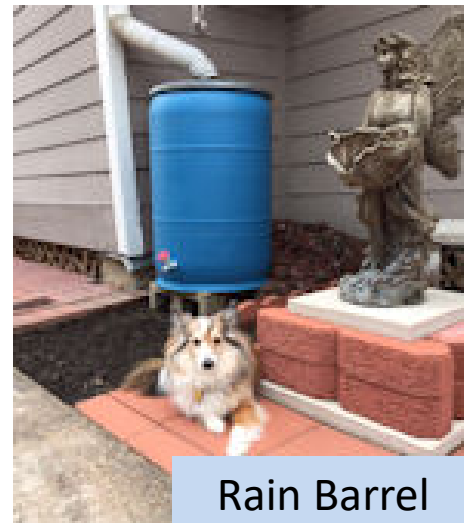
\$2.90 to \$4.90 per month

Actual discount will vary depending on the amount and percent of impervious cover on a property. The low end of the range is based on a property with 2,000 square feet and 30% impervious cover. The high end is based on a property with 5,000 square feet and 50% impervious cover.

# Program Overview

- Applicants must be a current drainage utility customer or a tenant of the benefitted property.
- Discount available only for stormwater control measures that exceed the development requirements.
- Customers may be able to mitigate up to 50% of impervious cover on the property.

Rain Garden



Rain Barrel

# Program Overview – How to Apply

Applications can be submitted online or mailed and should include:

- Customer Information
- Stormwater Control Measure Information
  - Type
  - Volume
  - Area That Feeds It
  - Image

CITY OF AUSTIN  
STORMWATER MANAGEMENT DISCOUNT  
Application Form

**APPLICANT INFORMATION** Account Number (if known): \_\_\_\_\_

Last name: \_\_\_\_\_ First name: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

**SITE INFORMATION**

Address where SCM is physically located:

Street: \_\_\_\_\_, Austin, TX, Zip: \_\_\_\_\_

Address where drainage charge is billed, if different. Please include account info if known.  
(Example: Homeowners association pays drainage charge but homeowner has a rain barrel)  
(Example: Property manager pays the drainage charge but tenant has a rain garden)

Street: \_\_\_\_\_, Austin, TX, Zip: \_\_\_\_\_

Account Name: \_\_\_\_\_ Account Number: \_\_\_\_\_

**STORMWATER CONTROL MEASURE (SCM) DETAILS**

Is this application for a new discount, or a renewal/transfer of an existing discount?

NEW  RENEWAL  TRANSFER

If renewal or transfer, have there been any changes to the original SCMs that were approved for a discount?  
Please provide information in the space below

# Program Overview - How To Apply

- Applications may also include:
  - Proof that the stormwater control measure exceeds legal requirements for property
    - Typically for detention/WQ ponds
  - If required, evidence of permit approval
  - Sketch or plan of stormwater control measure layout may be required

**LEGAL DESCRIPTION:**  
 LOT 4, OF TRACT PLACED, A DIVISION IN TRACT  
 COGNATE TRACT, ACCORDING TO THE MAP OF THE TRACT,  
 CONVEYED TO THE STATE OF TEXAS, BY THE STATE  
 OF TEXAS IN 1914, TO THE SAID OF THE STATE OF TEXAS,  
 RECORDS OF TARRANT COUNTY, TEXAS,  
 BOOK 10000, PAGE 44, WITH CORRECTIONS  
 DISTRICT, ALBERT, TEXAS.

**PROJECT CONTACT INFORMATION:**  
 OWNER: [Redacted]  
 ADDRESS: [Redacted]  
 PHONE: [Redacted]  
 CONTACT: [Redacted]

**PROJECT INFORMATION:**  
 ZONING: [Redacted]  
 MAP: [Redacted]  
 DATE: [Redacted]  
 REVISIONS: [Redacted]

**WATERSHED STATUS:**  
 THIS PROJECT IS WITHIN THE [Redacted] WATERSHED  
 AND IS CLASSIFIED AS AN URBAN WATERSHED.

**SITE DEVELOPMENT PLANS FOR THE ENCLAVE 4525 GUADALUPE STREET**

**SHEET INDEX**

NO.	SECTION
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5	FOUNDATION & EXTERIOR FINISHES
6	ROOF PLAN
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22	FOUNDATION PLAN

**LOCAL**

**REVISIONS**

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**CORRECTIONS**

# Program Overview - Maintenance

- **Inspection and Maintenance**
  - Customers receiving discount must service and maintain stormwater control measure in order to retain discount.
- **Timeline**
  - Discount is valid for two years starting on date of approval. To renew discount, customer must complete renewal process.



Clogged Rain Barrel



Debris in Pond



Sediment in Rain Garden

# Program Highlights

- Acknowledge & incentivize voluntary initiatives
- Discounts varies by size of control and existing impervious cover on property
- Tailored application level of effort to discount amounts
  - Fairly quick to complete smaller/residential applications
  - Larger/commercial controls may take a little longer, but still straightforward and just enough to verify application
- *Disclaimer: Impervious cover on property will be subject to correction when reviewing the application, which may result in an increase or decrease to the charge.*

# Questions?

Anupa Gharpurey

*[anupa.gharpurey@austintexas.gov](mailto:anupa.gharpurey@austintexas.gov)*

*(512) 974-2543*