

Using DDOE's SRC and RSR Database



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District Department of the Environment



Training Objective

- To provide an overview of the database for Stormwater Retention Credit Trading and RiverSmart Rewards.
- To use the database to participate in the Stormwater Retention Credit and RiverSmart Rewards programs.
- * Note: Participants will benefit from attending trainings for General Compliance and Generation and Certification of SRCs prior to this training.



Training Outline

- Basics of Stormwater Retention Credits (SRCs) and RiverSmart Rewards.
- Overview of main database functions.
- Group activity.



Retention Performance Standards and Off-Site Retention Options



New District Stormwater Retention Performance Standards

Major land-disturbing activity

- 5,000 ft² or more of land-disturbing activity.
- Retain the first 1.2” of rainfall on site or through a combination of on-site and off-site retention.

Major substantial improvement activity

- Renovation for which:
 - Cost exceeds 50% pre-project value of structure and
 - Combined footprint of structure and land disturb $\geq 5,000$ ft².
- Retain the first 0.8” of rainfall on site or through a combination of on-site and off-site retention.

Allowable Use of Off-Site Retention

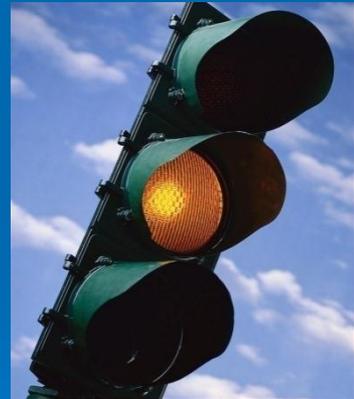
On-site retention \geq 50% of Stormwater Retention Volume (SWRv).

- Free to go off site.



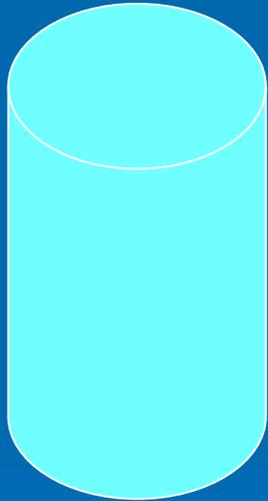
On-site retention $<$ 50% of SWRv.

- Must prove that on-site retention is technically infeasible or environmentally harmful.
- Minimum on-site retention requirement waived during
 - Transition Period 2A (1/15/14 to 1/15/15).
 - Transition Period 2B (1/15/14 to 7/14/15).

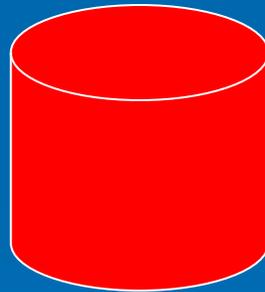


Off-Site Retention Volume (Offv)

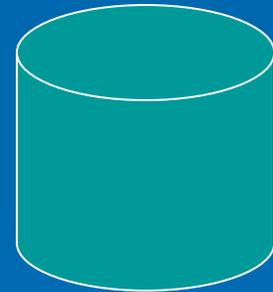
$$\text{SWRv} - \text{On-Site Retention Volume} = \text{Offv}$$



10,000
gallons



5,000
gallons



5,000
gallons

Two Options to Achieve Offv

In-lieu fee (ILF) payment = \$3.50

- Paid to DDOE.
- Corresponds to 1 gallon of retention for 1 year.
- Achieves 1 gallon of Offv for 1 year.

Stormwater Retention Credits (SRCs)

- Privately tradable.
- 1 SRC corresponds to 1 gallon of retention for 1 year.
- 1 SRC achieves 1 gallon of Offv for 1 year.
- Each SRC has a unique serial number.

RiverSmart Rewards



RiverSmart Rewards

- DC Gov't (DDOE) Stormwater Fee (\$2.67/ERU for FY2014).
- DC Water Impervious Area Charge (\$11.85/ERU for FY2014).
- Collected by DC Water on water and sewer bill.
- Two separate discount rulemakings for each fee.
 - DDOE - 55% max discount for 1.2" retention from 1 ERU.
 - DC Water - 4% max discount for 1.2" retention from 1 ERU.
- Retroactive discount for BMPs if application submitted before July 31, 2014.

Database



Uses

- View your SRC and discount activity.
- Certify SRCs.
- View SRCs for sale.
- Transfer SRCs.
- View final SRC sale prices.
- Retire SRCs.
- Use SRCs or ILF to meet Offv.
- Apply for a RiverSmart Rewards discount.

Create an Account

Stormwater Retention Cre x

ddoe.dc.gov/swaccount

311 Online | District Residents | Businesses | Visitors | Media | Online Services

THE DISTRICT OF COLUMBIA
"One City, One Future"

ONE CITY
Mayor
VINCENT C. GRAY

District Department of the Environment

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District Department of the Environment


DISTRICT DEPARTMENT OF THE ENVIRONMENT

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Monday to Friday, 9 am to 5 pm

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Email: ddoe@dc.gov

Ask the Director
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Vietnamese (Tiếng Việt)


Keith A. Anderson
Director

 Listen

 ADD THIS  Text Resize  

Stormwater Retention Credit Trading and RiverSmart Rewards - Create Account

To apply to the trading and discount programs, submit your basic information below. After you submit your information, DDOE will grant you access to the portal and email you a link to the login page with instructions on how to use the system.

First Name

Last Name

Title

Organization

Street number (Ex. 123)

Street

Street Type

Quadrant

Unit Number

City

State

Zip code

Email

Phone

Skip the Bag - Save the River



District businesses selling food or alcohol are required to charge \$.05 for each disposable paper or plastic carryout bag. Find out about DC's Bag Law.

Sustainable DC



Learn more about Mayor Gray's plan to make DC the healthiest, greenest, most livable city in the country through the District's sustainability plan, Sustainable DC!

ddoe.dc.gov/swaccount

Create an Account

QuickBase invite to the "Stormwater Retention Tool" app - Message (HTML)

File Message

Ignore X Delete Reply Reply All Forward More Meeting Public outreach To Manager Team E-mail Done Reply & Delete Create New Rules OneNote Mark Unread Categorize Translate Find Related Select Zoom

Delete Respond Quick Steps Move Tags Editing Zoom

If there are problems with how this message is displayed, click here to view it in a web browser.

Sent: Thu 12/12/2013 5:14 PM

From: matthew.espie @ dc.gov (via QuickBase) <notify@quickbase.com>
To: Branosky, Evan (DDOE)
Cc:
Subject: QuickBase invite to the "Stormwater Retention Tool" app

Intuit QuickBase

Matthew (DDOE) Espie has shared a QuickBase app with you.

Note from Matthew (DDOE) Espie:
Thank you for requesting access to the SRC/RSR Portal. Through the portal, you can apply to the RiverSmart Rewards and Stormwater Retention Credit Trading Programs. You can also view the SRC Registry and notify DDOE of in-lieu fee payment to meet an off-site retention volume obligation.

Click on the link below, and then create a login. Once you are logged into the portal, read the instructions under the Home tab at the top of the screen and begin using the portal to apply for a RiverSmart Rewards discount or participate in the Stormwater Retention Credit Trading Program.

[Open Stormwater Retention Tool](#)

This invitation was sent by [Intuit QuickBase](#) -- the fastest way to automate your business processes, enabling your team to collaborate efficiently while saving time and increasing productivity.

Note: If you have trouble using the links above, copy and paste the following Web address into the address bar of your browser:
<https://octo.quickbase.com/db/behzxhhv3>

Create an Account

Stormwater Retention Credit Trading and RiverSmart Rewards

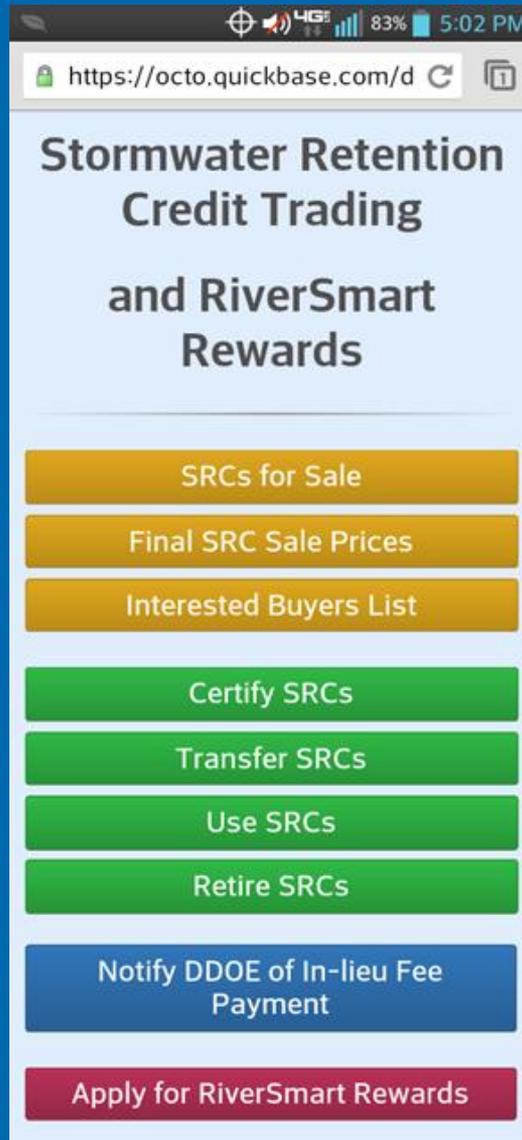
- SRCs for Sale
- Final SRC Sale Prices
- Interested Buyers List

- Certify SRCs
- Transfer SRCs
- Use SRCs
- Retire SRCs

Notify DDOE of In-lieu Fee Payment

Apply for RiverSmart Rewards

Create an Account



Create an Account

Stormwater Retention Credit Trading and RiverSmart Rewards

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Apply for RiverSmart Rewards

View Account Information

District Department of the Environment

My Apps Stormwater Retention Tool New App

Home My Account My Sites My BMPs Certify SRCs Transfer SRCs Use SRCs Retire SRCs ILF Notification RSR Standard Application

My Account Three Edit More

ME REPORTS & CHARTS Return

Last name	Three	First name	Group
Title	Trainee	Organization	DDOE
Street number	123	Street	A
Street type	St	Unit number	
Quadrant	NW	City	Washington
State	DC	Zip code	20000
Email	group_3@usa.com	Phone	

Add an agent Check if interested in buying SRCs

- SRCs I'VE BOUGHT AND SOLD
- I MAINTAIN BMPs THAT GENERATE THESE SRCs
- SRCs I CURRENTLY OWN
- MY RIVERSMART REWARDS DISCOUNTS

Home My Account My Sites My BMPs Certify SRCs Transfer SRCs Use SRCs Retire SRCs ILF Notification RSR Standard Application

Add Sites

Check this box and click save when you're done with this form. Just click save to come back at another time.

- ACRONYMS AND DEFINITIONS
- GENERAL SITE INFORMATION

Notify DDOE of a Change in Site Ownership

Site owner/manager	Three		
Site record number (auto-generated)	34	Date construction completed	11-01-2013
Street number	123	Street	A
Street type	St	Quadrant	NW
Unit number		City	Washington
State	DC	Zip code	20000

- BMPs AT THIS SITE
- SRCs GENERATED AT THIS SITE
- OFFV STATUS
- APPLICATIONS FOR CERTIFICATION OF SRCs
- APPLICATIONS TO USE SRCs
- NOTIFICATIONS OF ILF PAYMENT
- RIVERSMART REWARDS STANDARD APPLICATIONS

Add BMPs

Check this box and click save when you're done with this form. Just click save to come back at another time.

- ACRONYMS AND DEFINITIONS
- GENERAL SITE INFORMATION
- BMP INFORMATION**

BMP type	Green Roof
Green roof type	Extensive
Green roof area (sf)	16,000
Date green roof last inspected, if applicable	11-01-2013
Date construction completed	11-01-2013
Retention volume (gal)	11,369

SRCs GENERATED FROM THIS BMP

Certify SRCs

ACRONYMS AND DEFINITIONS

GENERAL INFORMATION

Application date * 12-09-2013 SWMP number * Make a Selection...
Is this application for SRCs for the maximum three-year period? Yes
What is the asking price for each SRC? (\$)

SITE W/ ELIGIBLE RETENTION CAPACITY

PROPOSED SRC OWNER

ATTACHMENTS

Signed maintenance contract Browse... No file selected.
Should DDOE list these SRCs and a name and contact information in DDOE's SRC registry?

PROPOSED SRC OWNER SIGNATURE

Proposed SRC owner: I hereby certify that I have the legal right to the SRCs proposed for certification above; that the application, including supporting documentation, is complete and correct to the best of my knowledge; that access will be provided for DDOE inspections; that the retention capacity will be maintained in accordance with the maintenance plan for the period for which SRCs are requested; that, if the retention capacity is not maintained, I will, for the volume from the period of failed maintenance, forfeit the SRCs, purchase replacement SRCs, or pay in-lieu fee to DDOE; and that, if during the period of time for which an SRC is certified, the property is sold or otherwise transferred to another person, the owner of the property on which the BMP or land cover is located will notify DDOE.

Last name First name Date 12-09-2013

Certify SRCs

New SRC certification application - Message (HTML)

From: notify@quickbase.com
To: Branosky, Evan (DDOE)
Cc:
Subject: New SRC certification application

Sent: Tue 1/7/2014 2:55 PM



**DISTRICT
DEPARTMENT
OF THE
ENVIRONMENT**

Group One changed the QuickBase application [Stormwater Retention Tool: SRC Certification](#).

SRC certification 11 was added

Click [here](#) to see this SRC certification in QuickBase.

If you have trouble using the link above, copy and paste the following Web address into the address bar of your browser:
<https://octo.quickbase.com/db/bh7jj2jcp?a=dr&r=m>

This is an automated notification from a QuickBase application. If you feel that you should not be receiving these notifications, please contact the application's manager, [Priya kaja](#), and ask to be removed from the notification list.



Home



My Account



My Sites



My BMPs



Certify SRCs



Transfer SRCs



Use SRCs



Retire SRCs



ILF Notification



RSR Standard Application

Certify SRCs

Type SRC Supply

Copy this Retention Record

SERIAL NUMBER

Retention certification date 12-05-2013

SWMP for site generating retention 66666

BMP ID number 66666-1-1

Watershed where retention occurs Anacostia

BMP subwatershed (Anacostia) Naylor

Start retention gallon 1

End retention gallon 1000

Start serial number 20131205-A10-66666-000001 End serial number 20131205-A10-66666-001000

SRCs in range 1,000

OWNERSHIP

STATUS

Status For sale

Have the SRCs been sold?

Are the SRCs for sale?

Certify SRCs



GOVERNMENT OF THE DISTRICT OF COLUMBIA
District Department of the Environment



~Signature Date~

~SRC owner - First name~ ~SRC owner - Last name~
~SRC owner - Address number~ ~SRC owner - Address street~ ~SRC owner - Address street type~
~SRC owner - Address quadrant~ ~SRC owner - Address unit number2~
~SRC owner - Address city~ ~SRC owner - Address state~ ~SRC owner - Address zip~

Dear ~SRC owner - First name~ ~SRC owner - Last name~,

The District Department of the Environment (DDOE) has approved your Application for Certification of Stormwater Retention Credits (SRCs) and certifies ~Total SRCs Certified~ SRCs for the site with Stormwater Management Plan number ~SWMP number~. Please see the additional information below.

Site and BMP Information	
Address	~Site - Street number~ ~Site - Street~ ~Site - Street type~ ~Site - Quadrant~ ~Site - City~, ~Site - State~ ~Site - Zip code~
Total time period for which SRCs are certified	~Total time period for which SRCs are certified~
Best Management Practices generating SRCs	~Associated BMPs~
Year 1 serial numbers	~Year 1 serial numbers~
Year 2 serial numbers	~Year 2 serial numbers~
Year 3 serial numbers	~Year 3 serial numbers~

Your SRCs may now be transferred, sold, used, retired, or held into the future. If requested, DDOE listed these SRCs in the SRC Registry. After the certification period is complete, you may reapply for SRC certification from the BMP that generate these SRCs.

Thank you,

1200 First Street, NE, 5th Floor, Washington, DC 20002

Application No. ~Record ID#~

1

➤ Approval confirmation.

➤ SRC serial numbers.



Home



My Account



My Sites



My BMPs



Certify SRCs



Transfer SRCs



Use SRCs



Retire SRCs



ILF Notification



RSR Standard Application

View SRCs for Sale

- Home
- My Account
- My Sites
- My BMPs
- Certify SRCs
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- Retire SRCs
- ILF Notification
- RSR Standard Application

Stormwater Retention Credit Trading and RiverSmart Rewards

- SRCs for Sale
- Final SRC Sale Prices
- Interested Buyers List

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Notify DDOE of In-lieu Fee Payment

Apply for RiverSmart Rewards

View SRCs for Sale

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Currently, there are no SRCs for sale.

No results									Type is 'SRC Supply' AND ...
Contact first name	Contact last name	Contact email	Contact phone	Watershed where SRCs are generated	Start serial number	End serial number	SRCs in range	Asking price per SRC	

No retention records found

Transfer SRCs

My Apps Stormwater Retention Tool New App

Home My Account My Sites My BMPs Certify SRCs **Transfer SRCs** Use SRCs Retire SRCs ILF Notification RSR Standard Application

Transfer SRCs Add SRC transfer

REPORTS & CHARTS

Save Cancel

ACRONYMS AND DEFINITIONS

GENERAL INFORMATION

Application date 12-11-2013

Number of SRCs to transfer

Serial number(s)

Purchase price per SRC (\$)

CURRENT SRC OWNER

NEW SRC OWNER

NOTE: New SRC owners must create an account.

Last name *	<input type="text"/>	First name *	<input type="text"/>
Street number	<input type="text"/>	Street	<input type="text"/>
Street type	<input type="text"/>	Quadrant	<input type="text"/>
Unit number	<input type="text"/>	City	<input type="text"/>
State	<input type="text"/>	Zip code	<input type="text"/>
Email *	<input type="text"/>	Phone *	<input type="text"/> ext. <input type="text"/>

CURRENT OWNER SIGNATURE

I hereby certify that I am the owner of the above SRCs; that I request the ownership of these SRCs to be transferred as stated above; and that this application is complete and correct to the best of my knowledge.

Last name First name Date 12-11-2013

View Final SRC Prices

Stormwater Retention Credit Trading and RiverSmart Rewards

- SRCs for Sale
- Final SRC Sale Prices
- Interested Buyers List

- Certify SRCs
- Transfer SRCs
- Use SRCs
- Retire SRCs

Notify DDOE of In-lieu Fee Payment

Apply for RiverSmart Rewards

View Final SRC Sale Prices

My Apps

Stormwater Retention Tool

New App



Home



My Account



My Sites



My BMPs



Certify SRCs



Transfer SRCs



Use SRCs



Retire SRCs



ILF Notification



RSR Standard Application

SRC Registry } Final SRC Sale Prices

More

No results Type is 'SRC Supply' AND ...

	SRCs in range	Watershed where SRCs are generated	Purchase price per SRC	Transaction value for range
--	---------------	------------------------------------	------------------------	-----------------------------

No retention records found



Home



My Account



My Sites



My BMPs



Certify SRCs



Transfer SRCs



Use SRCs



Retire SRCs



ILF Notification



RSR Standard Application

Retire SRCs

ACRONYMS AND DEFINITIONS

GENERAL INFORMATION

Application date 12-11-2013 Number of SRCs to retire

Serial number(s)

CURRENT SRC OWNER

SIGNATURES

I hereby certify that I am the owner of the above SRCs; that I request these SRCs to be retired; and that this application is complete and correct to the best of my knowledge.

Last name

First name

Date 12-11-2013

Check this box and then save to submit this application to DDOE. Just click save to come back at another time.

Use SRCs or ILF to Meet Offv

My Apps Stormwater Retention Tool New App

Home My Account My Sites My BMPs Certify SRCs Transfer SRCs Use SRCs Retire SRCs ILF Notification RSR Standard Application

Use SRCs Add SRC use Save Cancel

REPORTS & CHARTS

ACRONYMS AND DEFINITIONS

GENERAL INFORMATION

Application date: 12-11-2013 SWMP number: Make a Selection...

SWRv (gal) On-site retention volume achieved (gal)

Offv (Gal) Is the site an AWDZ Site?

Offv to be met with SRCs (gal) Offv to be met with payment of ILF (gal)

REGULATED SITE

SITE OWNER

SRCs PROPOSED FOR USE

Serial number(s)	First year starting date	MM-DD-YYYY
Serial number(s)	Second year starting date	MM-DD-YYYY
Serial number(s)	Third year starting date	MM-DD-YYYY

SITE OWNER SIGNATURE

Site owner: I hereby certify that I am the owner of the regulated property and of the SRCs proposed for use herein and that this application is correct to the best of my knowledge.

Last name: First name: Date: 12-11-2013

Apply for RiverSmart Rewards

District Department of the Environment

My Apps Stormwater Retention Tool New App

Home My Account My Sites My BMPs SRC Registry Certify SRCs Transfer SRCs Retire SRCs Use SRCs ILF Notification RSR Standard Application

RSR Standard Application Add RSR standard application Save Cancel

REPORTS & CHARTS

ACRONYMS

SECTION I: DC WATER ACCOUNT INFORMATION

Application # RSRstan-0-

Site record number

SWMP number

First name * Last name * Are you an owner, tenant, or agent? * Owner Tenant Agent

Account number *

Preferred Email Address * Telephone number * ext.

Billed ERUs * Impervious area (sf) *

SERVICE ADDRESS INFORMATION

BILLING INFORMATION

Is Billing Address same as Service Address? *

First name Last name

Street number Street Street type Quadrant Unit number

City State Zip code

Apply for RiverSmart Rewards

District Department of the Environment

My Apps Stormwater Retention Tool **New App**

Home My Account My Sites My BMPs SRC Registry Certify SRCs Transfer SRCs Retire SRCs Use SRCs ILF Notification **RSR Standard Application**

RSR Standard Application Add RSR standard application

REPORTS & CHARTS

- ACRONYMS
 - SECTION 1: DC WATER ACCOUNT INFORMATION
 - SERVICE ADDRESS INFORMATION
 - BILLING INFORMATION
 - SECTION 2: APPLICANT INFORMATION
 - SECTION 3: SITE INFORMATION**
 - SECTION 4: BEST MANAGEMENT PRACTICES
 - SECTION 5: RETROACTIVE DISCOUNTS
- Are you seeking a Retroactive Discount for the BMPs on your site? *

← Already entered on **My Sites** and **My BMPs** tab

← Only available until July 31, 2014

YOU MUST SUBMIT SUPPORTING DOCUMENTATION FOR THE DATE OF APPLICATION OF A STANDARD APPLICATION. CHECK ALL THAT APPLY.

- Detailed contract or invoice from contractor or individual who installed the BMPs
- Invoices from purchase of plants, materials, equipment used during installation
- Maintenance records

- SECTION 6: ATTACHMENTS
- SECTION 7: CERTIFICATION

With my signature below, I certify that (1) I have read and understand the program requirements (details may be found at <http://ddoe.dc.gov/riversmartrewards>); (2) the information I have provided on this application is true, complete, and accurate; (3) I grant DDOE permission to conduct inspections of the above-mentioned stormwater Best Management Practices (BMPs); (4) I promise to maintain the BMPs so that they function to retain stormwater runoff, and (5) I grant DC Water permission to share with DDOE information about my account.

Check "I sign" only when the RiverSmart Rewards Standard Application is ready for DDOE review.

I sign

Signature name *

Signature date *

Group Activity

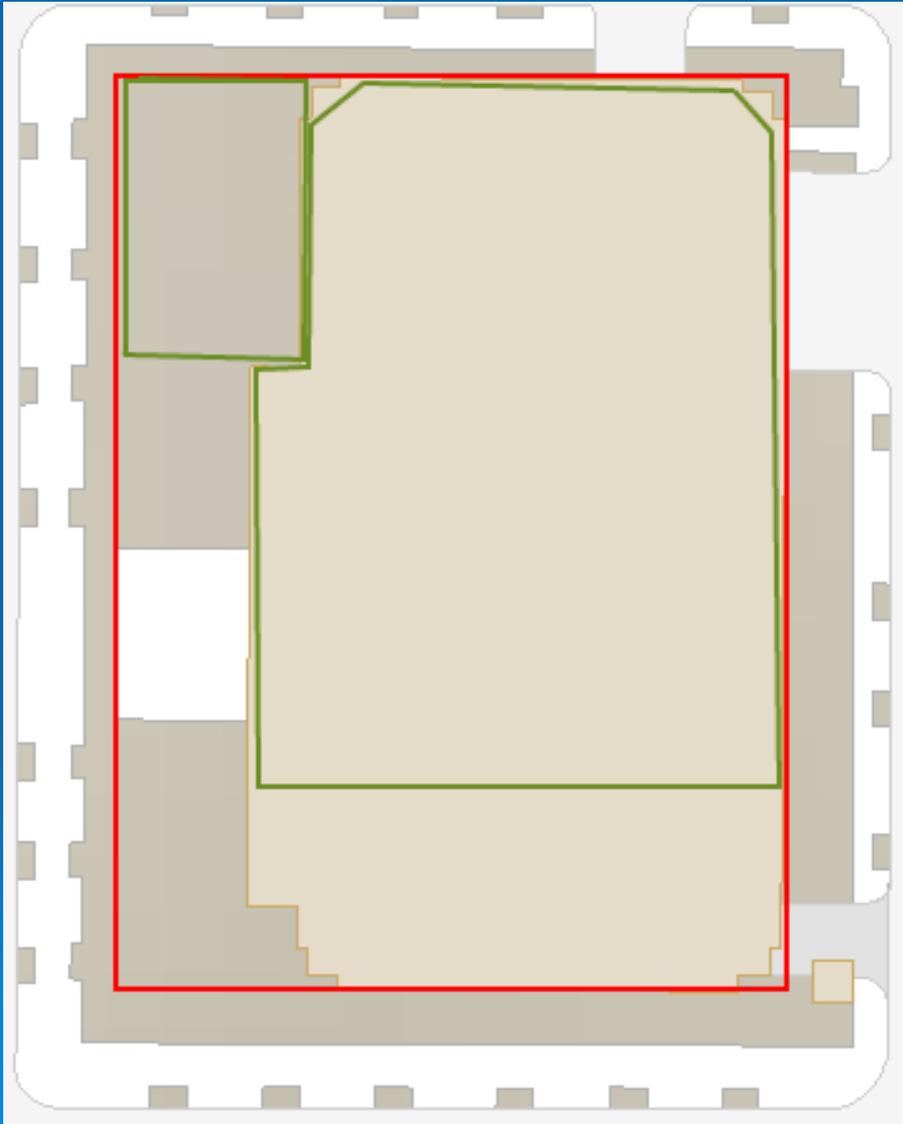


Steps

- Split into four groups.
- Review each group's site and BMPs.
- Complete tasks.
- Review DDOE approval or disapproval emails.
- Review changes to My Account, My Sites, My BMPs, and the SRC reports.

Group 1

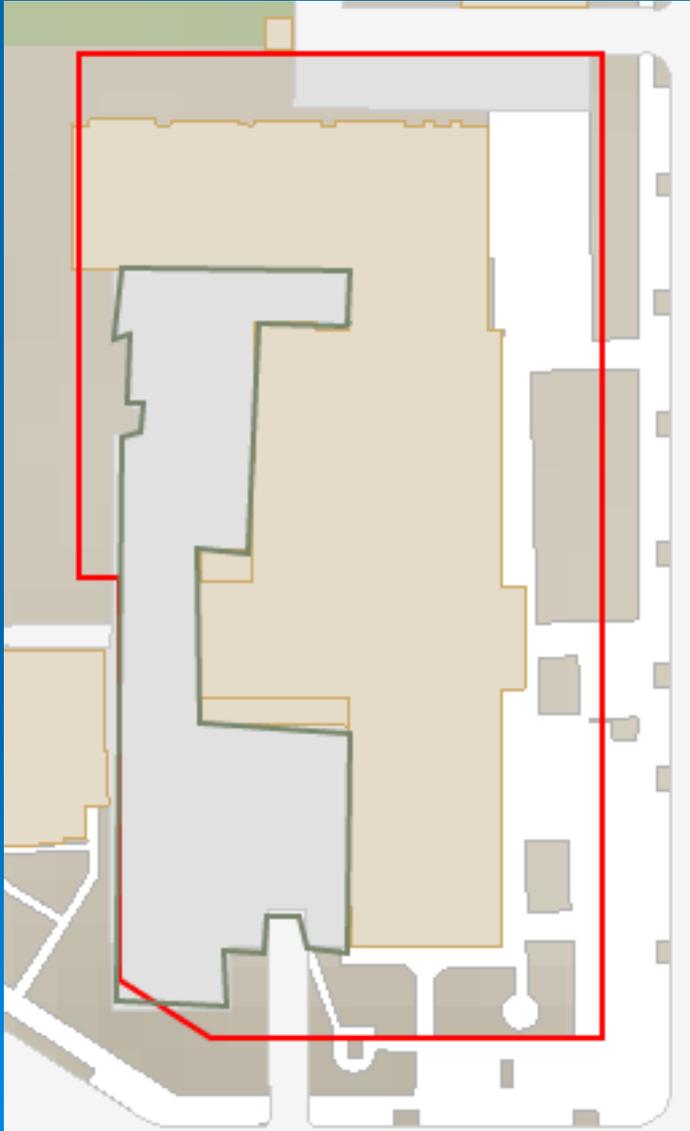
Task: Certify SRCs



Address	123 Y St SE
SW Management Plan (SWMP) #	99999
Project type	Major Substantial Improvement Activity
Total property area	43,200 ft ²
SWRv	16,770 gallons
BMP	Bioretention
BMP retention volume	29,194 gallons (1.7 inch storm)

Group 2

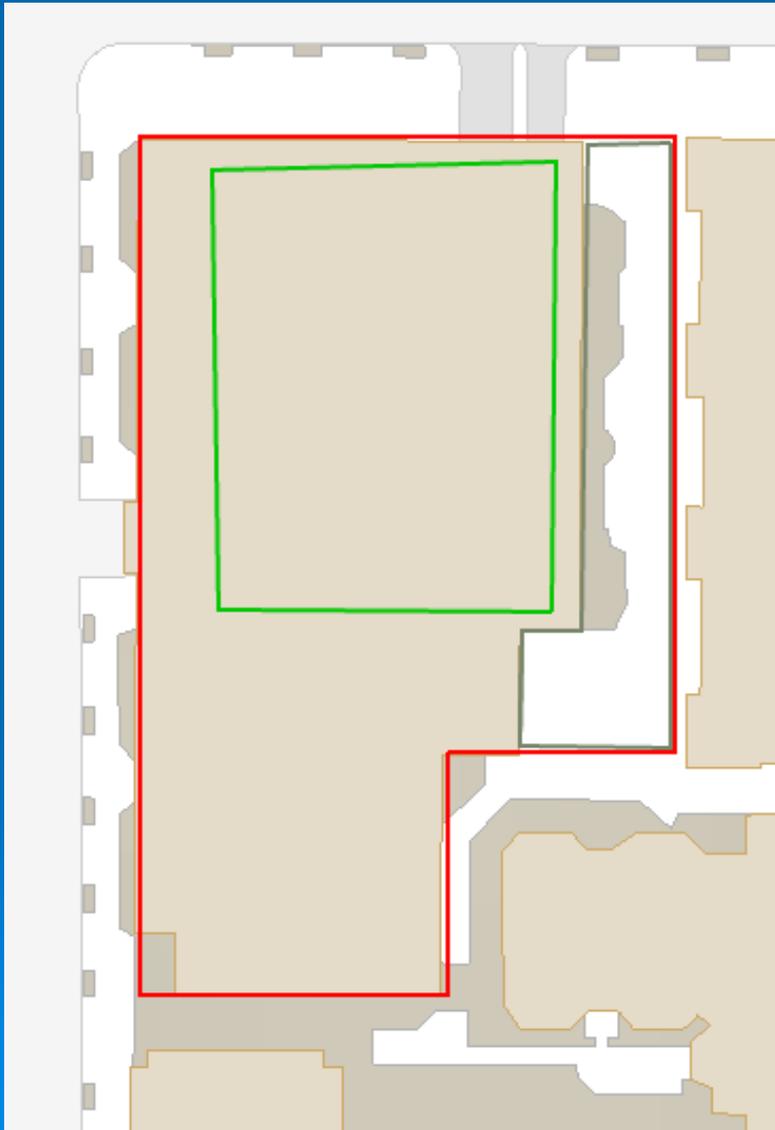
Task: Transfer SRCs



Address	123 65 th St NE
SWMP #	77777
Project type	Voluntary
Total property area	75,000 ft ²
BMP	Permeable pavement
BMP retention volume	12,080 gallons (1.2 inch storm)

Group 3

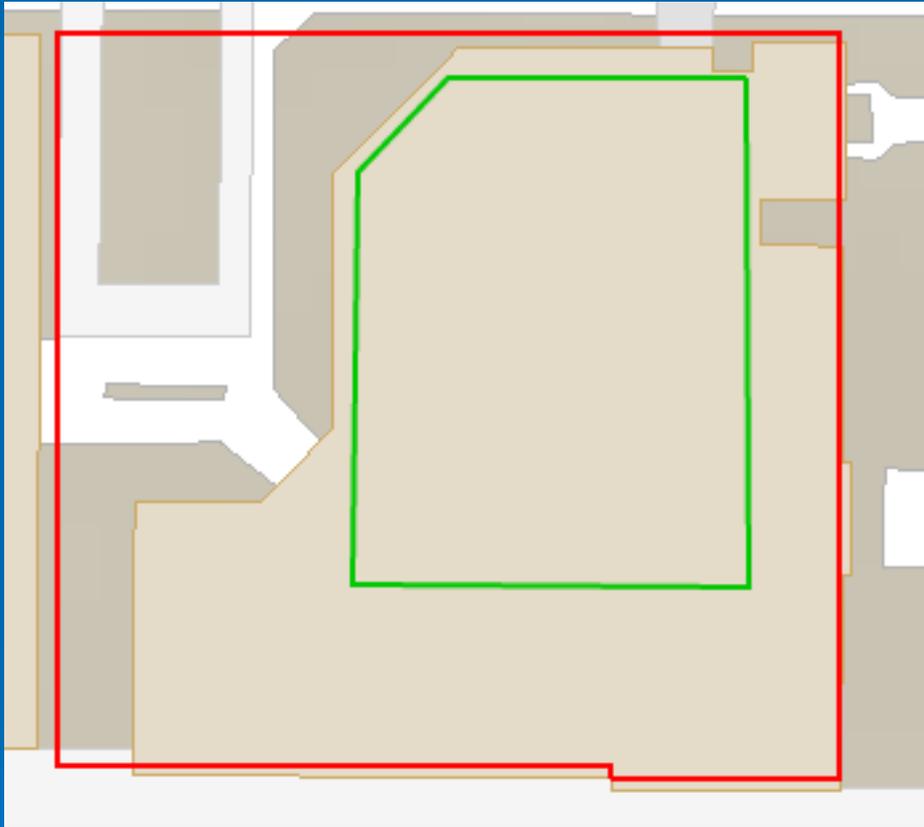
Task: Apply for RiverSmart Rewards



Address	123 A St NW
SWMP #	None
Project type	Voluntary
Total property area	42,900 ft ²
BMP 1	Green roof
BMP 1 retention volume	11,369 gallons (1.2 inch storm)
BMP 2	Permeable pavement
BMP 2 retention volume	4,619 gallons (1.2 inch storm)

Group 4

Task: Retire SRCs and Use SRCs for Offv



Address	123 U St SW
SWMP #	88888
Project type	Major land-disturbing activity
Total property area	90,000 ft ²
SWRv	55,053 gallons
BMP	Green roof
BMP retention volume	30,204 gallons (1.7 inch storm)

Review Group Tasks



Additional Information

Evan Branosky

Evan.Branosky@dc.gov; 202-535-2295

Emily Rice

Emily.Rice@dc.gov; 202-535-2675

Matthew Espie

Matthew.Espie@dc.gov; 202-715-7644

To create an account, visit
ddoe.dc.gov/swaccount

View the SRC reports at
is.gd/srcregistry