CITY OF CHAMPAIGN, ILLINOIS
PUBLIC WORKS DEPARTMENT
STORMWATER UTILITY FEE CREDIT PROGRAM
RUNOFF VOLUME REDUCTION CREDIT
APPLICATION FORM

City Reference No. _____

Date Received
_____/_____/_____

Credit Application Instructions

To receive this credit the applicant must provide the following information:

a) A completed General Credit Application Form
b) A completed Runoff Volume Reduction Credit Application Form
c) A copy of the site drainage plan, showing drainage areas tributary to each stormwater management practice
d) Copies of technical calculations
e) A copy of calculations of the impervious areas of the site and of the contributing drainage area
f) Design drawings

Contributing Area Calculations

Impervious area on property in contributing drainage area of stormwater practice (acres): _____
Total Impervious Area of Property (from General Credit Application Form (acres): _____
Fraction of total impervious area in the stormwater practice's contributing area (%): _____ **QA =** _____

Runoff Volume Reduction Target

Impervious area contributing runoff to rainfall harvesting BMP (acres): _____ **A =** _____
Runoff capture volume required (cubic feet):(3630 x A) _____ **V =** _____
Enter the rainfall depth used to design the runoff volume reduction practice: (inches) **R =** _____
Rainfall Proration Factor from Table 4 in the Credit and Incentive Manual: **PF =** _____

Type of practice (check *all that apply*)
☐ Cistern ☐ Permeable Pavement___ ☐ Green Roof _____ ☐ Rain Garden
☐ Bioswale ____ ☐ Manufactured BMP _____ ☐ Vegetated Swale ☐ Detention Basin
☐ Other (describe)_____

Runoff Volume Reduction Credit Determination

(for City use only)

Is the rainfall harvesting technique approved by City? ☐ Yes ☐ No
Has the Applicant provided all required documentation? ☐ Yes ☐ No
Is the proposed harvesting technique sized to capture the runoff from 1 inch of rainfall on the contributing impervious area? ☐ Yes ☐ No
Is excess storage volume being claimed for the maintenance credit by others? ☐ Yes ☐ No

If any of the answers above is "No" the credit is denied and a letter of determination that identifies the deficiencies is to be sent to the Applicant.

If the answers to all questions are "Yes" the Runoff Volume Reduction Credit is computed as:

Credit % = QA x PF x 15% = _____.