

**CITY OF CHAMPAIGN, ILLINOIS
PUBLIC WORKS DEPARTMENT
STORMWATER UTILITY FEE CREDIT PROGRAM
WATER QUALITY CREDIT APPLICATION FORM**

<i>City Reference No.</i>
<hr/>
<i>Date Received</i>
/ /

Credit Application Instructions

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

- a) A completed General Credit Application Form
- b) A completed Water Quality Credit Application Form
- c) A copy of the site drainage plan, showing drainage areas tributary to the detention basin or other water quality BMP
- d) Copies of technical calculations showing the computation of the design storm runoff volumes
- e) A copy of calculations of the impervious areas of the site and of the contributing drainage area
- f) Copies of detention basin modeling output for the appropriate runoff volumes and retention times
- g) Design drawings for outlet works construction / retrofit

Contributing Area Calculations

Impervious area on property in contributing drainage area of detention basin (acres): _____

Total Impervious Area of Property (from General Credit Application Form (acres): _____

Fraction of total impervious area in the detention basin's contributing area (%): _____ **QA =** _____

Volume Reduction Target

Impervious area contributing runoff to rainfall harvesting BMP (acres): _____ **A =** _____

Water quality volume required (cubic feet):(3630 x A) _____ **V =** _____

Water Quality Credit Determination

(for City use only)

Does the design remove 75% of total suspended solids load on an annual basis? Yes No

Has the Applicant provided all required documentation? Yes No

Does either design or maintenance plan address sediment removal? 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 Water Quality Credit is computed as:

Credit % = QA x 10% = _____ .