



APPLICATION FOR DETENTION BASIN CREDIT

KCMO Water Services Department
Stormwater Utility Division

INSTRUCTIONS

If your property is served by a detention basin that is properly maintained, complete this application and submit it to the address below to be considered for a 10% credit on your stormwater fee. You may apply for additional credit (up to a total of 50%) by also submitting documentation, certified by a professional engineer, of the peak flow reduction provided by the basin. Documentation must include the service area of the basin and the calculated flow rate off of the property(s) **with detention** and **without detention** using a 100-year storm event for a 24-hour period. The Stormwater Utility Division will evaluate the information provided and inspect the detention basin for proper operation and maintenance.

If approved, all properties identified as being served by the detention basin will receive the credit. You will be notified in writing of the decision and the effective date of any Detention Basin Credit granted. For detention basins that serve many properties, such as housing developments, it would be preferable to have one application submitted on behalf of the properties served (e.g. by the homeowners association).

If you have any questions, please call Jing Tao at (816) 513-0371.

Completed forms should be mailed to: Stormwater Utility Division c/o Jing Tao
4800 East 63rd St. 2nd Floor
Kansas City, Missouri 64130-4626

APPLICANT INFORMATION (Please Print)

Applicant/Company Name: _____

Contact Person (if Company): _____

Applicant Address: _____

Zip: _____

Daytime Telephone: _____ E-mail Address (optional): _____

Account No. (from water/storm bill): _____

DETENTION BASIN INFORMATION

Location: _____

Owner Name: _____ Telephone: _____

Owner Address: _____

Zip: _____

Year Constructed (optional): _____ Designed By (optional): _____

Maintained By: _____ Telephone: _____

Describe maintenance plan and schedule: _____

Signature: _____ Date: _____

Detention Application Form

Detention basin credit can range from 10% to 50% of the monthly stormwater fee for privately owned and properly maintained detention basin(s).

A Maintenance Agreement is required for detention basin credit and must be submitted with the Application Form.

Instructions: Requirements for the application for Detention Basin Credit:

A 10% credit of the monthly stormwater fee is allowed if greater than 50% of the stormwater runoff from impervious surfaces is detained in the detention basin(s).

A credit of 10% to 50% of the monthly stormwater fee will be allowed if the following requirements are met.

A professional engineer shall provide and certify the following:

- The site area and total acreage and area(s) to detention area(s)
- Parcel(s) information showing total acre(s) and % of impervious surface(s).
- A site plan (digital plans may be requested) **O** Plans shall have enough contour lines to definitively show the direction of stormwater flow. **O** Clearly identified basin(s) numbered on the plan
- Peak flow (Q_{100}) generated at the site **with** and **without** detention
- Total Volume of storm water detained in basin for: 2-yr, 5-yr, 10-yr, 25-yr, 50-yr, 100-yr & 500-yr storm event
- Details of detention basin including drain(s) overflow structure(s), and/or spillways
- Peak flows for: 2-yr, 5-yr, 10-yr, 25-yr, 50-yr, 100-yr & 500-yr storm events
- All Peak Flows (2-yr to 500-yr) should be based on the 24-hour SCS II storm using AMCII conditions or approved alternate.

50% credit is the maximum allowable, only if 100% of stormwater runoff for Q_{100} is detained in the detention basin to flow rates like original undeveloped conditions (Forest or Prairie). The Storm Utility will determine original condition flow rate(s).

If you have any questions, please call Jing Tao (816) 513-0371

Completed forms should be mailed to:

Stormwater Utility Division c/o Jing Tao

4800 E 63rd St - 2nd floor

Kansas City, MO 64130