STORMWATER MANAGEMENT

220 Attachment 1

Township of Conestoga

Appendix A
Small Project Application

File number_____   Date received _____

Submitted fees $_____   Approval of application date_____

Project street address: _____

Project name: _____

Owner's name and address: _____

Phone No./Fax No./Email: _____

Please list the date of any previous small project applications for the subject property:

_____

Proposed Activity:
[ ]   Removal of ground cover, grading, filling or excavation of an area less than 5,000 square feet
        Total area of land disturbance: _____ sq. ft.
        Type of regulated activity (check all that apply):
            [ ]   Removal of ground cover
            [ ]   Grading
            [ ]   Filling
            [ ]   Excavation
            [ ]   Other earth disturbance activity (please describe)
            _____

[ ]   Addition of impervious surface (more than 1,000 square feet but less than 5,000 square feet)
        Type of new impervious surface: [ ] driveway, [ ] shed, [ ] garage, [ ] deck, [ ] walkway,
        [ ] other (describe) _____
        Total new impervious surface proposed for construction: _____ sq. ft.
        Are you removing existing impervious as part of this project?
                [ ] No
                [ ] Yes - Total area of existing impervious to be removed _____ sq. ft.

Check all items below that will be impacted by the project:
_____Mature trees
_____Sinkholes
_____Water wells
_____Septic drain fields
_____Alternate septic drain fields
_____Creeks, streams, wetlands, or ponds
_____Existing stormwater management facility (basin, swale, etc.)

_____Easements

Total runoff volume to be permanently removed/managed on site from attached calculation worksheet: _____ gallons or _____ cubic feet

Proposed stormwater management controls (best management practice):
_____ Rain garden
_____ Infiltration trench
_____ Cistern
_____ Rain barrel
_____ Other (describe) _____

Sketch
Provide a sketch of the proposed additional impervious area or land disturbance. Include the following on the sketch:
- Property boundary
- Location and approximate footprint of existing structures (buildings, patios, driveways, etc.)
- Approximate location of any of the following features which will be impacted by the project:
    Mature trees
    Sinkholes
    Water wells
    Septic drain fields
    Alternate septic drain fields
    Creeks, streams, wetlands, ponds
    Existing stormwater management facilities (basins, swales, etc.)
- Location and approximate footprint of proposed impervious area or land disturbance
- Approximate footprint and location of all structures on adjacent properties if located within 50 feet of the proposed impervious area or land disturbance
- Location and description of proposed stormwater management facilities (e.g. rain gardens, swales, rain barrels, etc.)
- Direction of proposed stormwater discharge (e.g., with arrows)
- Scale and North arrow

Person/firm to be completing work: _____
Phone No./Fax No./Email: _____

Name of person submitting this application: _____
Signature: _____
Date: _____

STORMWATER MANAGEMENT

<u>Small Project Application Calculation Worksheet</u>

The applicant may use the following to calculate the amount of runoff which must be managed in accordance with § 220-16B of this chapter.

Project name: _____

Owner name: _____

Proposed additional impervious area: _____ square feet

<u>Impervious area calculations</u>

Calculate the amount of runoff to be permanently removed (managed on site through reuse, evaporation, transpiration or infiltration):

Additional impervious area ÷ 12 = Permanently removed runoff volume (PRV)

_____ square feet of additional impervious ÷ 12 = _____ cubic feet PRV
_____ cubic feet x 7.48 gallons per cubic feet = _____ gallons PRV

CONESTOGA CODE

EXAMPLE
Small Project Application Calculation Worksheet

Project name: Jane Doe (20 x 45' garage)
Owner name: Jane Doe
Proposed additional impervious area: 900 square feet

Impervious area calculations

Calculate the amount of runoff to be permanently removed (managed on site through reuse, evaporation, transpiration or infiltration) using the following formula:

Additional impervious area ÷ 12 = Permanently removed runoff volume (PRV)

900 square feet of additional impervious ÷ 12 = 75 cubic feet PRV
75 cubic feet x 7.48 gallons per cubic feet = 561 gallons PRV

EXAMPLE SKETCH

Proposed Rainspout Discharge to Swale

Proposed Garage
900 sq. ft.

Existing House

Neighboring House

Existing Driveway

Storm Inlet

Scale 1" = 50'

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