

MARTIC TOWNSHIP  
LANCASTER COUNTY, PENNSYLVANIA

STORM WATER MANAGEMENT PERMIT  
*APPLICATION (1,001 sq.ft. – 2,500 sq.ft accumulated impervious area)*

All applicants must submit a stormwater management plan which shows water disbursement and a proposed water run-off management plan. All water run-off must be contained and maintained on the applicants property. It is not allowed to run onto your neighbor's property or onto the roadways!

Project Street Address: \_\_\_\_\_

Applicants Name/Company: \_\_\_\_\_

Owner's Name and Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone # \_\_\_\_\_

Excavator's Name: \_\_\_\_\_

Excavator's Address: \_\_\_\_\_

Excavator's Phone: \_\_\_\_\_

Please list date(s) of previous Small Project Applications for the subject property:

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Proposed Activity:

1. Since *May 5, 2014*, has the applicant previously added Impervious surface on this property? i.e. shed, patio, deck, addition, etc.  
 No  
 Yes, Total area of ALL previous impervious surfaces \_\_\_\_\_ sq. ft.
2. Is applicant removing existing impervious surface as part of this project?  
 No  
 Yes, Total of Impervious surface to be removed \_\_\_\_\_ sq. ft.
3. Addition of Impervious Surface \_\_\_\_\_ sq. ft.
  - Type of new impervious surface:  driveway,  shed,  garage,  deck,  walkway,  addition,  
 Other (describe) \_\_\_\_\_
4. Cumulative total Impervious surface area added (add 1-2+3) \_\_\_\_\_ sq. ft.

OR

5. Removal of ground cover, grading, filling or excavation of an area less than 5,000 sq. ft.
6. 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)  
\_\_\_\_\_

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**Check all items below that will be impacted by the project:**

- \_\_\_\_\_ Mature trees
- \_\_\_\_\_ Sinkholes
- \_\_\_\_\_ Water Wells
- \_\_\_\_\_ Septic drainfields
- \_\_\_\_\_ Alternate septic drainfields
- \_\_\_\_\_ Creeks, streams, wetlands, or ponds
- \_\_\_\_\_ Existing stormwater management facility (basin, swale, etc.)
- \_\_\_\_\_ Easements

**Total runoff volume to be permanently removed/managed on site (from calculation worksheet attached):**

\_\_\_\_\_ gallons                      **OR**                      \_\_\_\_\_ cubic feet

**Proposed Stormwater Management Controls (Best Management Practice (bmp)):**

- \_\_\_\_\_ Rain Garden                      *insert bmp here* \_\_\_\_\_
- \_\_\_\_\_ Infiltration Trench                      *insert bmp here* \_\_\_\_\_
- \_\_\_\_\_ Cistern                      *insert bmp here* \_\_\_\_\_
- \_\_\_\_\_ Rain Barrel                      *insert bmp here* \_\_\_\_\_
- \_\_\_\_\_ Other (describe) \_\_\_\_\_ *insert bmp here* \_\_\_\_\_

**Sketch/Plot Plan**

You **MUST** 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.)
- Approx. location of any of the following features which will be impacted by the project:
  - Mature trees
  - Sinkholes
  - Water Wells
  - Septic drainfields
  - Alternate septic drainfields
  - 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 fifty feet (50') 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)**
- Directional arrows: North & South

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***By signing this application, applicant is acknowledging responsibility for payment of any and all engineering fees incurred by the Township in relation to your project. These fees may be billed by the Township or the Engineer and will need to be paid in a timely fashion or legal action will be taken.***

Person/Firm to be completing work: \_\_\_\_\_  
Phone # / Fax # / Email: \_\_\_\_\_

Name of person submitting this application (print): \_\_\_\_\_

Applicant's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name of property owner (print): \_\_\_\_\_

Property owner's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Office Use Only:

SWM Small Project Application Permit # MT-\_\_\_\_\_

Received: \_\_\_\_\_

[ ] Approved date: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

[ ] Not Approved date: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**Application Calculation Worksheet**

The applicant may use the following to calculate the amount of runoff which must be managed in accordance with Section 302.B of the Storm Water Management Ordinance 05-05-2014.

Proposed Additional Impervious Area: \_\_\_\_\_ sq ft.

**Impervious Area Calculations**

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

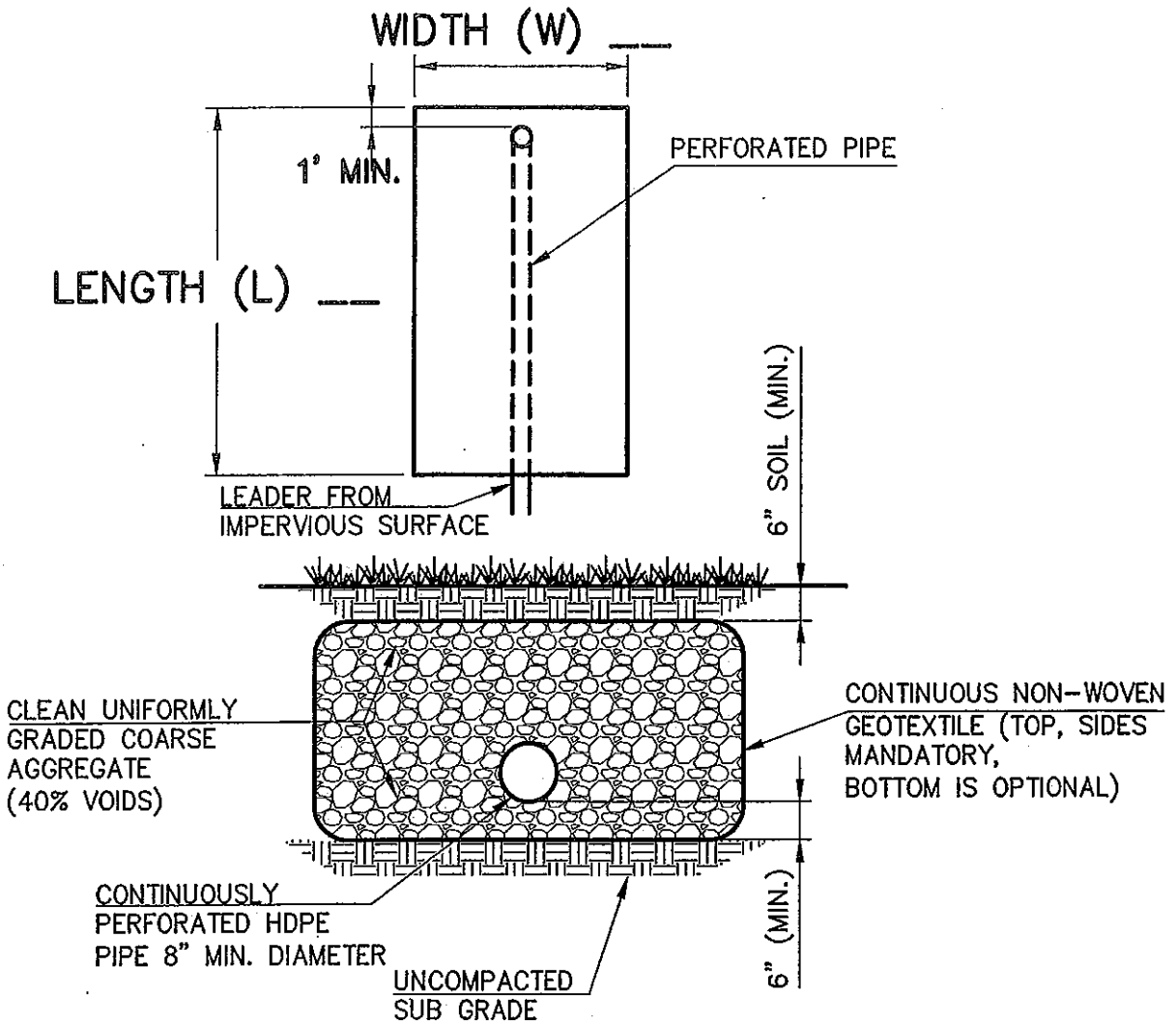
Additional impervious area ÷ 12 = Permanently Removed Runoff Volume (PRV)

\_\_\_\_\_ square feet of additional impervious ÷ 12 = \_\_\_\_\_ cubic feet PRV

CUBIC FEET PRV (FROM PAGE 62) = \_\_\_\_\_(PRV)  
 BED VOLUME REQUIRED = PRV x 2.5 = \_\_\_\_\_(BVR)  
 BED DEPTH \_\_\_\_\_

BED VOLUME PROVIDED = L x W x D = \_\_\_\_\_(BVP)

BVP must exceed BVR

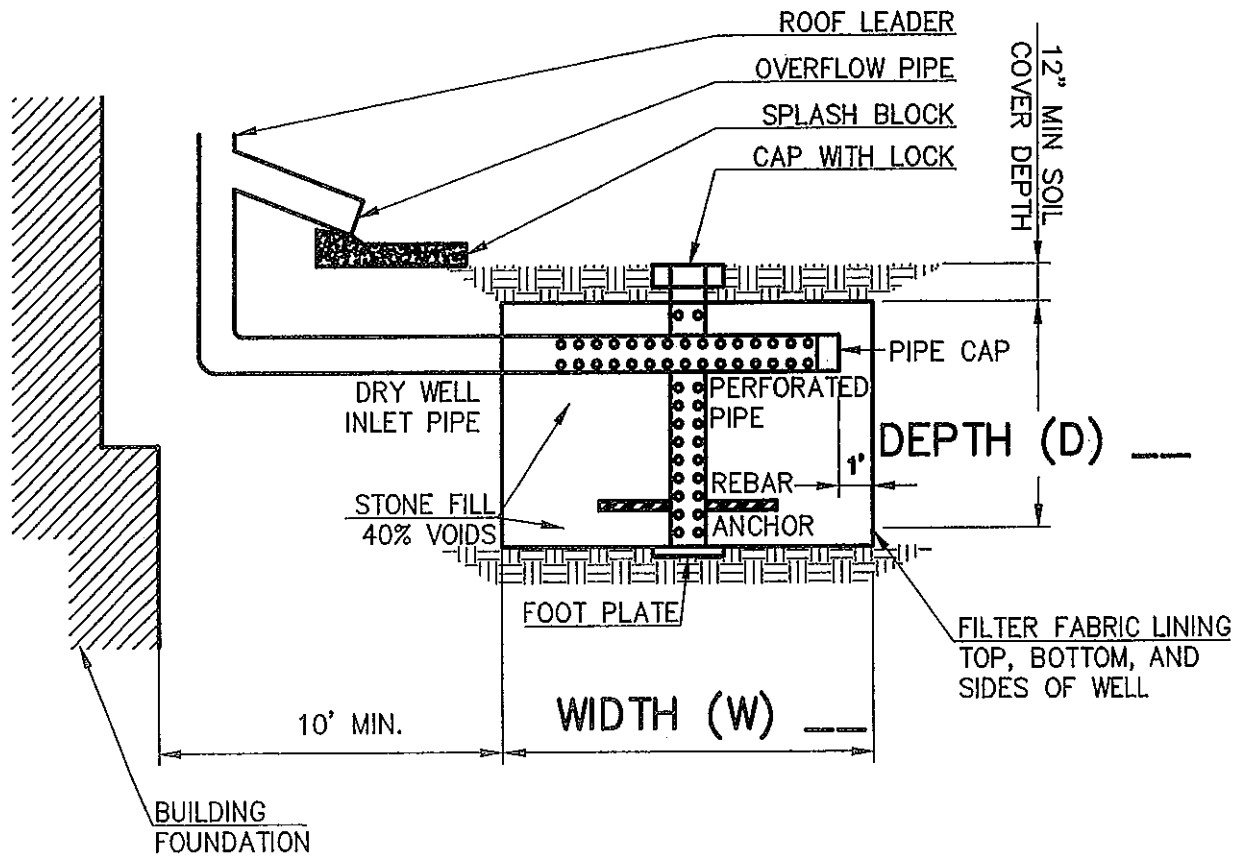


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SWM SCHEMATIC DIAGRAMS  
 FOR SMALL PROJECTS  
 INFILTRATION TRENCH

CUBIC FEET PRV (FROM PAGE 62) = \_\_\_\_\_ (PRV)  
 CISTERN VOLUME REQUIRED = PRV X 2.5 = \_\_\_\_\_ (CVR)  
 CISTERN VOLUME PROVIDED (cir) = W X W X D X 0.8 = \_\_\_\_\_ (CVP)  
 OR CISTERN LENGTH (SQUARE CISTERNS ONLY, TYP. = TO W) \_\_\_\_\_  
 CISTERN VOLUME PROVIDED (sq) = L x W x D = \_\_\_\_\_ (CVP)

CVP must exceed CVR



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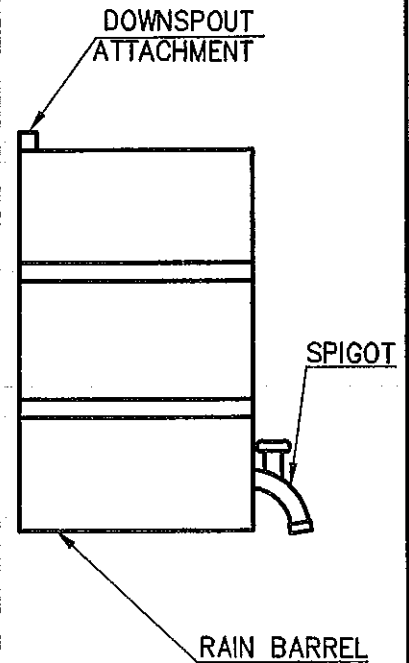
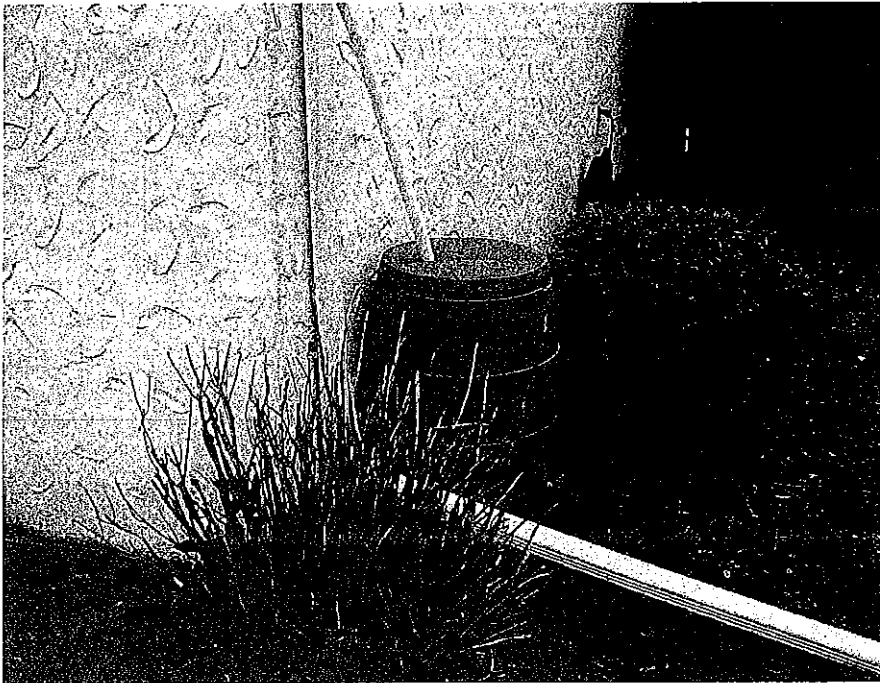
SWM SCHEMATIC DIAGRAMS  
 FOR SMALL PROJECTS  
 SQUARE OR CIRCULAR CISTERN

NUMBER OF BARRELS REQUIRED =  
SQ. FT. OF NEW IMPERVIOUS SURFACE / 750, ROUNDED UP. \_\_\_\_\_.

IF COMMERCIALY AVAILABLE RAIN BARREL(S) IS(ARE) USED, INCLUDE  
MANUFACTURERS INFORMATION FOR BARRELS.

OTHERWISE, PROVIDE SCHEMATIC DRAWINGS OF HOME-MADE RAIN  
BARREL(S).

FOLLOW ALL MANUFACTURERS INSTRUCTIONS FOR MAINTENANCE.



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SWM SCHEMATIC DIAGRAMS  
FOR SMALL PROJECTS

RAIN BARREL