MOHNTON BOROUGH SMALL PROJECT APPLICATION

File Number_____ Date Received _____
Submitted Fees $_____ Date of Approval of Application _____

Project Street Address:_____
Project Acct No (Tax Parcel #): _____
Project Name: _____
Owner's Name: _____
Owner's Mailing Address: _____
Phone# / Fax# / Email: _____
Please list the date(s) 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 SF or less than 5,000 SF)
Type of new impervious surface: [ ] driveway, [ ] shed, [ ] garage, [ ] 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:
_____Creeks, streams, wetlands, or ponds
_____Existing stormwater management facility (basin, swale, etc.)
_____Easements (Specify location/type _____)

List separation distances between proposed infiltration facility and existing features:
Water wells _____
Septic drainfields / Alternate septic drainfields (min 25') _____
Building w/ sub-grade elements (foundation/basement,etc.) (min 25') _____

SMALL PROJECT APPLICATION PG. 2

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):

_____ Infiltration Trench
_____ Cistern / Rain Barrel (max 50% of volume)
_____ Other (describe) _____
*Other BMPs require approval by Borough Engineer of proposed design/construction details, etc.

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 (dimensions) 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 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 subject property and 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. infiltration trench, swales, rain barrels, etc.)
- Direction of proposed stormwater discharge (e.g. with arrows pointing downslope)
- Direction of property grading (e.g. with arrows pointing downslope)
- Scale and north arrow

Person/Firm to be completing work: _____
Mailing Address: _____
Phone# / Fax# / Email: _____

Name of Person Submitting this Application: _____
Signature: _____
Date: _____

SMALL PROJECT APPLICATION PG. 3

Small Project Application Calculation Worksheet

The applicant may use the following to calculate the amount of runoff which must be managed in accordance with this Ordinance.

Project Name: _____
Owner Name: _____
Proposed Additional Impervious Area: _____ square feet

Impervious Area Calculations

Calculate the amount of runoff to be permanently removed (managed on site through reuse, evaporation, transpiration or infiltration). A maximum of 50% of the required Permanently Removed Runoff Volume can be addressed through reuse (cistern/rain barrel), the remainder shall be handled with an infiltration trench or other approved BMP:

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

_____ square feet of additional impervious ÷ 12 = _____cubic feet PRV

For Infiltration Trench (Complete attached detail with proposed size):

Excavated bed volume shall be equal to the Permanently Removed Runoff Volume, in cubic feet, calculated above, divided by 0.40 (stone void ratio). (i.e. PRV = 100 CF, Required Trench Volume→ 100 CF/ 0.4 = 250 CF → Utilize trench 25' long x 5' wide x 2' deep.

For Cistern/Rain Barrel (max 50% of volume):

_____ cubic feet x 7.48 gallons per cubic feet = _____ gallons PRV

*Provide construction detail/specification sheet for rain barrel/cistern; Detail must show

1. Overflow pipe at top of cistern discharging to a splash block/stone area
2. Overflow point must be minimum 50' from downslope property line and drain to grassed area that drains away from building.

Sketch (or attach additional sheet):

EXAMPLE

Small Project Application Calculation Worksheet

Landowner 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