

Conewago Township
Application for On-Lot Stormwater Management

Parcel #: _____

APPLICATION FEE - \$50.00

Section I: Property Owner Information

SWM Permit #: _____

ESCROW - \$2,500.00

ESCROW FEE - \$100.00

Name: _____

Address: _____

Phone Number: _____ Email: _____

Section II: Design Engineer Information

Name: _____

Address: _____

Phone Number: _____ Email: _____

Section III: Proposed Improvement (Please provide information regarding size, type, distance from property lines and existing site features/structures, etc. Attach any manufacturer's sheets or other information related to the proposed development)

Section IV: Provide three copies of SWM Plan, Calculations, and Narrative – SWM plan and calculations must be engineered and sealed by an Engineer. The plan shall be prepared in accordance with the Conewago Township Stormwater Management Ordinance.

- Check to confirm SWM Plan and Calculations Provided

Section V: Summarize Proposed Impervious Area (Calculated in Sq. Ft.)

- Existing impervious Cover on Property prior to December 8, 2010: _____
- Has any Stormwater Management Exemption(s) been Previously Granted? _____
 - If Yes, please identify the date and exemption: _____
- New Pavement (Example - Parking Area, Driveway): _____
- New Building/Structure (Example - Dwelling, Addition, Pool, Shed, Garage): _____
- New Sidewalk, Deck, Patio: _____
- Removal of any Existing Impervious Area: _____
- Total Impervious to be Added: _____

Complete Sections I – V where applicable. Check or money order made payable to "Conewago Township".

Return application, fees, plans, and calculations to:

Conewago Township, 3279 Old Hershey Road, Elizabethtown, PA 17022

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REQUIRED OBSERVATIONS/INSPECTIONS Stormwater Management Plan

General

- 1) The contractor shall notify the Township Engineer at least 48 hours prior to the start of construction.
- 2) The final observation/inspection must be conducted by the Township Engineer.
- 3) The Applicant/Landowner may choose to have all observations, other than the final observation, conducted by the Design Engineer or the Township Engineer. If the required observations are conducted by the Design Engineer, the Design Engineer shall provide the Township Engineer with observation reports, documents and certifications, ensuring all work was performed in accordance with the Official Documents. All observation reports, documents and certifications shall be in a form acceptable to the Township Engineer and submitted to the Township Engineer no more than 48 hours following the observation. The Township Engineer shall be informed within 12 hours of any work which was not performed in accordance with the Official Documents.
- 4) At the completion of construction, and prior to permit close-out, the Applicant/Landowner shall provide an as-built plan certified by the Design Engineer that the on-lot stormwater management facilities were constructed in accordance with the Official Documents and will operate as designed. This may require contours, elevations, volumes, pipe sizes, pipe locations, material types, stone size, stone type, stone depth, infiltration rates, details, etc.
- 5) The contractor shall take the following precautions:
 - a) Areas proposed for infiltration facilities shall be protected from compaction.
 - b) Infiltration areas shall be protected from receiving sediment laden runoff
- 6) Post-construction infiltration testing shall be required for facilities to confirm that the on-lot stormwater management facilities were constructed in accordance with the Official Documents, will operate as designed and the construction means and methods did not adversely affect site conditions.

Required Observations/Inspections

The following list of observations/inspections are based on the Pennsylvania Stormwater Best Management Practices Manual for each of the listed facilities. Required observations/inspections listed on the approved plan shall supersede the following list.

Infiltration Trenches and Beds

- 1) The bottom of the trench shall be reviewed prior to installation of any stone or geo-fabric.
- 2) Certifications of the stone shall be provided to the engineer by the contractor certifying that it meets the requirements on the approved plans prior to placement.
- 3) The installed distribution and other piping shall be reviewed prior to installation of the final stone and/or geo-fabric.
- 4) The completed facility prior to the placement of fill or topsoil.
- 5) Any specific items related to the site design.

Rain Gardens/Bio-retention Areas

- 1) The bottom of the infiltration area shall be reviewed after excavation and scarification and prior to installation of any amended soils.
- 2) Certifications of the amended soils shall be provided to the engineer by the contractor certifying that it meets the requirements on the approved plans prior to placement.
- 3) Following final placement of amended soils.
- 4) Certifications of the vegetation shall be provided to confirm that it meets the requirements of the approved plan.
- 5) The completed facility prior to removal of erosion and sedimentation facilities.
- 6) Any specific items related to the site design.

Infiltration Berms

- 1) The area of the berm shall be reviewed prior to placement of soil for the berm.
- 2) Following placement of the berm and prior to placement of any vegetation.
- 3) The completed facility prior to the removal of erosion measures.
- 4) Any specific items related to the site design.

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REQUIRED OBSERVATIONS/INSPECTIONS
Stormwater Management Plan

Pervious Pavements/Patios

- 1) The bottom of the infiltration bed area shall be reviewed after excavation and prior to installation of any geofabric.
- 2) Placement of the geofabric prior to placement of stone.
- 3) Certifications of the stone shall be provided to the engineer by the contractor certifying that it meets the requirements on the approved plans prior to placement.
- 4) Placement of the pervious material (bituminous, cement, or pavers).
- 5) During the final testing of the facility to ensure the facility infiltrates the design flow of water.
- 6) Any specific items related to the site design.

Dry Wells and Seepage Pits

- 1) The bottom of the well or pit shall be reviewed prior to installation of any geofabric.
- 2) During the installation of geofabric and/or well structure.
- 3) Certifications of the stone shall be provided to the engineer by the contractor certifying that it meets the requirements on the approved plans prior to placement.
- 4) The connection of the piping to the well or pit.
- 5) The completed facility prior to the placement of fill or topsoil.
- 6) Any specific items related to the site design.

Property Owner/Applicant Certification - I understand and agree to the following:

- 1) I will be required to construct all improvements and associated stormwater management facilities in accordance with the approved plans and details.
- 2) Additional stormwater planning and permitting applications are required for any future impervious areas not represented and accounted for in this application.
- 3) All required inspections must be scheduled with the Township Engineer at least 48 hours in advance.
- 4) Any expenses accrued from Engineer review fees, inspection fees, recording fees, and/or any other related fees shall be paid from the initial escrow funds. If the escrow funds are fully depleted, the owner will be required to replenish the escrow funds before work continues.

Financial Security

- 1) The applicant shall provide a Financial Guarantee in accordance with Section 901 of Ordinance 4 of 2010.

Signature of Property Owner or Designee:

Date:

The above requirements were based, in part, on the requirements outlined in the "Pennsylvania Stormwater Best Management Practices Manual". The manual outlines design considerations, construction sequencing, maintenance procedures, and specifies materials used for various stormwater management best management practices. The manual can be used to assist you in selecting and understanding the function of the practice installed.

Office Use Only		
Application Received Date: _____	Application Fee: _____	Date Paid: _____
SWM Plan Approved: _____	Escrow Fee: _____	Date Paid: _____
As Builts Submitted: _____	Received By: _____	