

**Upper Merion Township  
Stormwater, Grading & Erosion Control  
Class A Permit**

Permit # _____
Approved by _____ Date _____

**Property Owner Information**

Name: \_\_\_\_\_  
 Street: \_\_\_\_\_  
 City/State/Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 FAX: \_\_\_\_\_

**Plan Preparer Information**

Name: \_\_\_\_\_  
 Street: \_\_\_\_\_  
 City/State/Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 FAX: \_\_\_\_\_

**Subject Property**

Tax ID #: \_\_\_\_\_ Lot Area: \_\_\_\_\_  
 Block/Unit: \_\_\_\_\_ Zoning: \_\_\_\_\_

**Project Description (A Sketch Plan is required with each Permit, use the reverse side.)**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Single Family Lots**

New Impervious: \_\_\_\_\_ less 250 sf exemption (one time only) = \_\_\_\_\_ detainable sf  
 ∇ Simplified Stormwater \_\_\_\_\_ detainable sf x 0.3 cf = \_\_\_\_\_ cf storage  
 ∇ Fee-in-Lieu \_\_\_\_\_ detainable sf x \_\_\_\_\_ (cost per sf, see back for cost scale) = \_\_\_\_\_ fee  
(check only)

**Other Development**

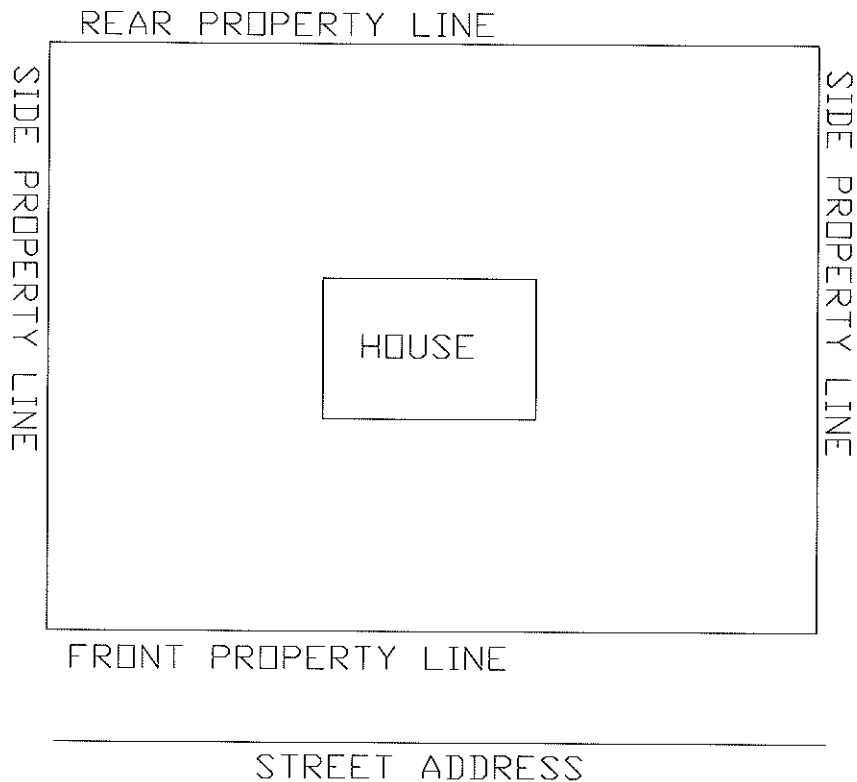
Excavation or Fill: Max. Permitted 20 cubic yards Proposed: \_\_\_\_\_  
 New Impervious: Max. Permitted 3,000 sf Proposed: \_\_\_\_\_  
 Land Disturbance (Grubbing): Max. Permitted 5,000 sf Proposed: \_\_\_\_\_

*Any activity exceeding the permitted excavation/fill, impervious or disturbance limits is required to obtain a class B permit.*

- Applicant/property owner agrees to comply with the regulations set forth in Chapter 140, Stormwater, Grading & Erosion Control. All highlighted section must be completed before permit will be processed.
- Applicant will be billed by Upper Merion Township for engineering, inspection, and legal fees as provided in Chapter 140.
- The applicant agrees to provide 24-hour advance notice to the Township before commencing with construction. You can call Michael Capaldi at (610) 265-2606 to give the notice.

Applicants Signature	Date	<b>\$90.00 (check only)</b>
		<b>Fee</b>

SKETCH AND NEW CONSTRUCTION AS  
REQUIRED ON THIS PERMIT APPLICATION



**Stormwater Fee in Lieu of Stormwater Detention (per square foot of impervious coverage – measured cumulatively)**

**\$0.75 per sq. ft. for up to 300 sq. ft.**

**\$1.00 per sq. ft. for 301 sq. ft. up to 1,000 sq. ft.**

**\$1.25 per sq. ft. for 1,001 sq. ft. up to 3,000 sq. ft.**

**Over 3,000 sq. ft. cost is equivalent of the estimated cost of construction.**

## **Attachment to the Stormwater, Grading, and Erosion Control Permit.**

- ***This Document serves the applicant as a guideline and if a reference document only for Township Code 140.***
- ***For a complete copy of the Township Code 140 either check on the Township Website at [www.umtownship.org](http://www.umtownship.org) or by purchasing the code document from the Cashier in the Township Building.***
- ***If you have any questions regarding this document, please contact the Engineering Coordinator of Upper Merion Township at 610-265-2606.***

### **STORMWATER MANAGEMENT SYSTEMS**

#### **A. Applicability of Stormwater Regulations**

Any development involving the construction of any new impervious or semi-pervious surfaces on a tract of land and all subdivisions and land developments shall provide stormwater management facilities, when required by and in accordance with the requirements in this article. Stormwater management facilities consist of two parts: stormwater detention/storage facilities and stormwater conveyance facilities.

#### **B. General Requirements for All Stormwater Facilities**

1. Stormwater flow may not be transferred from one watershed to another, concentrated, and/or redirected unless any adverse effects of these procedures are mitigated to the satisfaction of and specifically approved by the Township Engineer.
2. Stormwater flow that is concentrated and discharged shall be discharged in one of the following manners:
  - a. The stormwater shall be discharged to an energy dissipator(s) and shall then flow directly into a stream on the subject property.
  - b. The stormwater shall be conveyed and piped to an existing stormwater system on an abutting property, including public property, that is capable of handling the flow, as determined by the Township Engineer.
  - c. If the discharge options outlined above in sections II.B.2a and b are not feasible, the stormwater shall be discharged to an energy dissipator(s)

and shall then flow through an abutting property which has granted a drainage easement for the flow.

3. Stormwater facilities, especially detention basins, shall be designed to utilize the natural contours of the land. When such design is impracticable, the construction of the facilities shall utilize slopes as flat as possible to blend the structure into the terrain.
4. All stormwater facilities shall be landscaped in accordance with the landscaping standards in the Township's Subdivision of Land Ordinance, taking into account the function of the stormwater management facility.
5. The design of stormwater facilities must facilitate regular maintenance, mowing, desilting and reseeded.
6. A deed restriction prohibiting removal or alteration of stormwater facilities shall be provided for all stormwater facilities. This deed restriction shall allow removal or alteration that is approved by the township.
7. An easement granting the township the right, but not the obligation, to enter and improve stormwater facilities shall be provided.
8. Sedimentation basins shall meet the requirements of the County Soil Conservation District and Chapter 102 of the Pennsylvania Code Title 25.
9. Sump pumps for foundation drainage shall be connected to an approved stormwater drainage system when feasible. When this connection is not feasible, the outflow from the sump pump shall not adversely effect neighboring properties.
10. Whenever a watercourse, stream, or intermittent stream is located within a development site, it shall remain in its natural state and locations and shall not be piped unless necessary State permits are received and the applicant shows that no other alternatives are feasible.

#### 11. Construction and Materials

All construction and materials shall be in conformance with PaDOT publication 408 unless otherwise approved and shown on an approved land development / subdivision plan.

#### 12. Groundwater Recharge and Water Quality

- a. Groundwater Recharge. In general, all runoff control measures outside of sinkhole prone areas shall be designed to encourage groundwater recharge and shall be permitted only if suitable

subsurface conditions are present. The on-site recharge of all stormwater runoff shall be required if the Board of Supervisors determines that conditions so warrant.

## **GRADING**

- A. Applicability of Grading Standards. All permanent and temporary cutting, filling, grading, regrading, and/or other forms of earth-moving activities shall be known as "grading" and shall comply with the grading standards in this article.
- B. Grading Requirements.
1. Protection of Adjacent Property
    - a. No person shall engage in earth moving that endangers any adjoining public street, sidewalk, alley or other public or private property from settling, cracking, or other damage which might result from such earthmoving. If in the opinion of the township the nature of the earthmoving is such as to create a hazard to life or property unless otherwise adequately safeguarded, the applicant shall construct such walls, fences, guardrails or other structures to safeguard the public street, sidewalk, alley or other public or private property and persons using such, as the Township Engineer may require.
    - b. All grading shall be set back at least five (5) feet from property lines, unless a waiver is received from the Township Board of Supervisors.
    - c. Wherever grading will increase the volume, velocity, or direction of stormwater flow toward a property line, the applicant shall install and maintain drainage facilities sufficient to prevent adverse effects on the adjoining property. The grading, construction, and operation of these drainage facilities shall not cause any adverse effects on abutting properties.
  2. Interference with the Flow Of Water

No person shall dump, move or place any soil, bedrock or other material or divert or increase the flow of water so as to cause the same to be deposited upon or roll, flow or wash upon or over the premises of another without the express consent of the owner of such premises so affected, or upon or over any public street, street improvement, road, sewer, storm drain watercourse or right-of-way or any public property; nor may any person block the natural flow of water by damming or blocking this flow.

## **EROSION AND SEDIMENTATION CONTROL**

- A. Applicability of Erosion and Sedimentation Control Standards. All changes in the contour of the land, grading, excavating, removal or destruction of the topsoil, and removal of trees or other vegetative cover of the land shall be known as "earth disturbance activities" and shall comply with the erosion and sedimentation control standards in this article.
- B. General Requirements.
1. All earth disturbance activities must be in conformance with Chapter 102, Title 25, Rules and Regulations, Part I, Commonwealth of Pennsylvania, Department of Environmental Protection, Subpart C, Protection of Natural Resources, Article II, Water Resources, Chapter 102, "Erosion Control", and in accordance with Montgomery County Conservation District policies.
  2. The Township Engineer may require a review by the Montgomery County Conservation District of any plans for earth disturbance activity.
  3. Plans for earth disturbance activities shall meet the following requirements:
    - a. All projects involving earth disturbance that are required to get a Class A or Class B permit from the township shall have an erosion and sedimentation control plan that meets the requirements of the PA Erosion and Sediment Pollution Control Program Manual.
    - b. All earth disturbance activities involving 1 to 25 contiguous acres of exposed land shall obtain a general NPDES permit.
    - c. All earth disturbance activities involving 25 or more contiguous acres of exposed land shall obtain an individual NPDES permit.