

# BOROUGH OF SWARTHMORE

## DRAINAGE AND EROSION AND SEDIMENT CONTROL PLAN APPLICATION

Application is hereby made for Drainage Plan and Erosion and Sediment Control Plan review in accordance with the Borough of Swarthmore Stormwater Management and Erosion and Sediment Control Ordinance. This application is made in conjunction with a:

- \_\_\_\_\_ Subdivision and Land Development
- \_\_\_\_\_ Building Permit
- \_\_\_\_\_ Grading Permit
- \_\_\_\_\_ Other (explain: \_\_\_\_\_)

Date of Submission \_\_\_\_\_

1. Name of Applicant: \_\_\_\_\_

2. Address of Applicant: \_\_\_\_\_

\_\_\_\_\_

Telephone and Fax: \_\_\_\_\_

3. Site location (if different from above) \_\_\_\_\_

4. Name of engineer (if any) \_\_\_\_\_

Address of Engineer: \_\_\_\_\_

\_\_\_\_\_

Telephone and Fax: \_\_\_\_\_

5. Development proposed (check all that apply):

- |                                    |                       |                            |
|------------------------------------|-----------------------|----------------------------|
| ___ Single-family home or addition |                       |                            |
| ___ Single-family lots             | ___ Townhouses        | ___ Commercial (Multi-lot) |
| ___ Two-family lots                | ___ Garden Apartments | ___ Commercial (One Lot)   |
| ___ Multi-family lots              | ___ Mobile Home Park  | ___ Institutional          |
| ___ Cluster Type Lots              | ___ Campground        |                            |
| ___ PRD                            | ___ Other (_____)     |                            |

6. Area of proposed and existing impervious area on the entire lot/tract:

- a. Existing (to remain) \_\_\_\_\_ s.f. \_\_\_\_\_% of property
- b. Proposed \_\_\_\_\_ s.f. \_\_\_\_\_% of property

**For projects adding between 400 and 2,000 square feet of new impervious cover, answer only question #7 below. All others, skip to question #8 and answer all remaining questions.**

7. Does the project meet the requirements set forth in Section 1459.16(b) of the Borough's Stormwater Management and Erosion and Sedimentation Control Ordinance? \_\_\_\_\_  
 (Attach a site plan showing all structures on the property and the location of all stormwater management facilities, as well as all calculations, assumptions and criteria used in the design of the stormwater management facilities, as well as all erosion and sedimentation control measures and facilities).

8. Stormwater:

a. Does the peak rate of runoff from proposed conditions exceed that flow which occurred for existing conditions for the designated design storm? \_\_\_\_\_

b. Design storm utilized (on-site conveyance systems) (24 hr.) \_\_\_\_\_  
 Subarea: \_\_\_\_\_  
 Watershed name: \_\_\_\_\_

Explain: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

c. Does the submission meet the criteria for the applicable management district? \_\_\_\_\_  
 Type of proposed runoff control \_\_\_\_\_

d. Does the proposed stormwater control criteria meet the requirements of the Borough's Stormwater Management and Erosion and Sediment Control Regulations (1459.15-1459.19)? \_\_\_\_\_ (All calculations and drawings must be included with the application, as detailed in 1459.36).

If not, what variances/waivers are requested? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reasons \_\_\_\_\_

e. Was TR-55, June 1986, utilized in determining the time of concentration? \_\_\_\_\_  
 \_\_\_\_\_

f. What hydrologic method was used in the stormwater computations? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

g. Is a hydraulic routing through the stormwater control structure submitted?\_\_\_\_\_

h. Is a construction schedule or staging attached?\_\_\_\_\_

i. Is a recommended maintenance program attached?\_\_\_\_\_

9. Erosion and Sediment Pollution Control (E&S):

a. Has the stormwater management and E&S plan, supporting documentation, and narrative been submitted to the Delaware County Conservation District?\_\_\_\_\_

b. Total area of earth disturbance \_\_\_\_\_s.f.

10. Wetlands

a. Have the wetlands been delineated by someone trained in wetland delineation? \_\_\_\_\_

b. Have the wetland lines been verified by a state or federal permitting authority? \_\_\_\_\_

c. Have the wetland lines been surveyed? \_\_\_\_\_

d. Total acreage of wetland within the property: \_\_\_\_\_

e. Total acreage of wetland disturbed: \_\_\_\_\_

f. Supporting documentation\_\_\_\_\_