

PERMIT NO. _____

**APPLICATION
SOIL EROSION AND SEDIMENTATION CONTROL PERMIT
PUBLIC ACT 451 OF 1994
CITY OF FARMINGTON HILLS
31555 ELEVEN MILE ROAD
FARMINGTON HILLS, MI 48336
(248) 871-2560
FAX (248) 871-2561**

**COMMERCIAL, INDUSTRIAL & MULTI-FAMILY
(EXCEEDING ONE ACRE IN SIZE OR LOCATED WITHIN 500 FEET OF A LAKE OR STREAM*)**

APPLICATIONS NOT FULLY COMPLETED WILL BE RETURNED

1. GENERAL INFORMATION

- a. Builder's Name: _____
- b. Section No. _____ Sidwell No. _____
- c. Legal Description: _____
- d. Subdivision Name: _____ Lot No. _____

2. NAME, ADDRESSES AND PHONE NUMBERS

Property Owner of Record

Name: _____
Address: _____
City: _____
State: _____ Zip Code: _____
Phone No: _____

Applicant

Name: _____
Address: _____
City: _____
State: _____ Zip Code: _____
Phone No: _____
Email: _____

Erosion Control Plan

Company: _____
Name: _____
Address: _____
City: _____
State: _____ Zip Code: _____
Phone No: _____

Project Contact

Name: _____
Address: _____
City: _____
State: _____ Zip Code: _____
Phone No: _____
Email: _____

3. PROJECT INFORMATION

- a. Type of Development: _____
- b. Total area of parcel (acres)*: _____
*NOTE: Parcels over 5.0 acres in size require N.P.D.E.S. Permit
- c. Total area of earth disruption (acres): _____
- d. Anticipated earthwork starting date (month/year): _____
- e. Anticipated ending date (month/year): _____
- f. type of soil (s) on site: _____
- g. Description of proposed earth change (berm, building construction, excavation, etc.)

4. HYDROLOGIC CHARACTERISTICS OF SITE

- a. Type of "ULTIMATE" drainage outlet (s) Distance to Outlet: _____ Feet
 - _____ County Drain Name of Drain: _____
 - _____ Lake/Pond Name of Lake/Pond: _____
 - _____ River/Stream Name of River/Stream: _____
 - _____ Enclosed Drain Name of Drain: _____
 - _____ Detention Basin _____ Retention Basin (no outlet)
 - _____ Wetland
 - _____ Open Ditch
 - _____ Overland Flow
 - _____ Other
- b. Will project include any work within the 100 year flood plain? Yes No
- c. Will project include any work within a lake or stream? Yes No

Indicate Michigan Department of Environmental Quality Permit No. _____
 Or
 Indicate Michigan Department of Environmental Quality "Permit Not Required" letter date: _____

5. PERMIT FEE

TOTAL PERMIT REVIEW FEE = \$ 35.00

6. INSPECTION DEPOSIT

INSPECTION DEPOSIT = \$ 2,000.00

(Note: Additional funds may be required and must be deposited as directed)

7. SECURITY BOND

Cash, certified check, or irrevocable bank letter of credit from an approved financial institution. (equal in amount to the estimate of cost of the soil erosion and sedimentation control measures to be installed)

SECURITY BOND = \$ _____

8. PERMIT APPLICATION INSTRUCTIONS

- a. Complete Permit Application (type or print clearly in ink)
- b. The required Security Bond will be calculated by the Engineering Division after the plan has been reviewed.
- c. Submit Soil Erosion and Sedimentation Control Plan, which must include all of the following:
 - 1. Location map, north arrow
 - 2. Topographic map showing existing natural drainage patterns
 - 3. Drainage arrows for proposed on-site drainage
 - 4. All lakes, streams, wetlands, drains, etc. shown
 - 5. Identify ultimate drainage outlet
 - 6. Sequence of construction operations (include temporary and permanent SESC measures)
 - 7. Graphic location of soil erosion and sedimentation control temporary and permanent measures
 - 8. Limits of earth disruption and construction
 - 9. Construction/installation details of soil erosion and sedimentation temporary and permanent control measures
 - 10. Provisions for proper maintenance of soil erosion and sedimentation temporary and permanent control measures
 - 11. Name of organization that will be responsible for maintenance of permanent soil erosion and sedimentation control measures
 - 12. Legal description of site
 - 13. Name/address and seal of engineer/architect who prepared this plan
 - 14. Date plans were prepared
 - 15. Predominate land features (trees, open fields, buildings, etc.)
 - 16. On site soil types
- d. Submit applications, plans, fees, bond, and deposits to the Building Division.

Note: The City of Farmington Hills reserves the right to require modifications to the approved soil erosion and sedimentation control plans as conditions warrant.

9. APPLICANT SIGNATURE

I have read the application instructions and completed the permit application. I understand that applications not fully completed will be returned, resulting in a delay. I understand that this permit will expire within one (1) year from the DATE OF ISSUANCE. Projects not completed within that year may be renewed for an additional year upon written request by the property owner. I understand that regular inspections will be constructed by the City of Farmington Hills or its representatives and that should any soil erosion and sedimentation control measure fall into disrepair, be missing or require maintenance, the City shall have the right to enter upon said property, take appropriate corrective action and bill me for such or deduct the cost from the Security Bond.

PRINT NAME: _____

SIGN NAME: _____ DATE: _____

10. PROPERTY OWNER SIGNATURE (required for sites over 5.0 acres)

I am the current property owner of the property identified in this permit and will insure that all requirements and conditions of this permit will be complied with. I understand that regular inspections of the site will be conducted by the City of Farmington Hills or its representatives and that should any soil erosion and sedimentation control measure fall into disrepair, be missing or require maintenance, the City shall have the right to enter upon said property, take appropriate corrective action and bill me for such or deduct the cost from the Security Bond.

PRINT NAME: _____

SIGN NAME: _____ Date: _____

11. PERMIT REVIEW STATUS

- _____ Permit Approved
- _____ Returned for Revisions
- _____ Permit Denied

By: _____

Date of Issuance: _____

PRIOR TO ISSUANCE OF A BUILDING PERMIT, CONSTRUCTION OR WORK COMMENCING, THE CONTRACTOR SHALL HAVE ALL APPLICABLE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES INSTALLED. 48 HOURS PRIOR TO WORK COMMENCING THE CONTRACTOR SHALL CONTACT THE DIVISION OF ENGINEERING AT (248) 871-2560 TO SCHEDULE AN INSPECTION OF THE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.

THIS PERMIT AND APPROVED PLAN MUST BE ONSITE AND AVAILABLE FOR ALL INSPECTIONS.

COMMERCIAL EXAMPLE SITE PLAN

SEQUENCE OF CONSTRUCTION

1. Relocate roadside ditch, install culvert and temporary gravel driveway. Sod relocated ditch and temporary mulch remaining entrance area.
2. Install all perimeter soil erosion and sedimentation control measures.
3. Contact City of Farmington Hills Office of Engineering at (248) 871-2560 to schedule inspection of soil erosion and sedimentation control measures.
4. Rough grade site, stockpile topsoil and begin building construction.
5. Install remaining underground utilities.
6. Maintain soil erosion and sedimentation control measures, as necessary.
7. Finish grade, redistribute topsoil, seed and mulch all disturbed areas.
8. Remove all temporary soil erosion and sedimentation control measures.
9. Complete construction of building.

GENERAL NOTES

1. The soil for this site is classified as a well-drained loam. Therefore, the type of seed to be used will be a mixture of 50% Creeping Red Fescue and 50% Kentucky Blue Grass. The rate this seed mixture should be applied is one pound per 1,000 square feet.
2. Immediately after seeding, mulch all seeded areas with unweathered small grain straw (preferably wheat) or hay spread uniformly at the rate of 1 ½ to 2 tons per acre or 100 pounds (2 to 3 bales) per 1,000 square feet. This mulch should be anchored with a disc-type mulch anchoring tool.
3. Any disturbed area not paved, seeded and mulched, sodded or built upon by November 15, is to be mulched in the manner specified in General Notes #2 above, in order to provide soil erosion protection during the Winter and early Spring.
4. All soil erosion and sedimentation control prevention procedures and structures are to comply with the Michigan Department of Environmental Quality, Surface Water Quality Division "*GUIDEBOOK OF BEST MANAGEMENT PRACTICES FOR MICHIGAN WATERSHEDS.*"

GENERAL CONDITIONS

In accordance with Rule 1709 promulgated under the authority of Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and in addition to the information on the attached plan(s) and special conditions, the following general conditions apply to the earth change authorized by this permit:

- Design, construct, and complete the earth change in a manner that limits the exposed area of disturbed land for the shortest period of time.
- Remove sediment caused by accelerated soil erosion from runoff water before it leaves the site of the earth change.
- Temporary or permanent control measures shall be designed and installed to convey water around, through, or from the earth change at a non-erosive velocity.
- Install temporary soil erosion and sedimentation control measures before or upon commencement of the earth change activity and maintain the measures on a daily basis. Remove temporary soil erosion and sedimentation control measures after permanent soil erosion measures are in place and the area is stabilized. (“Stabilized” means the establishment of vegetation or the proper placement, grading, or covering of soil to ensure its resistance to soil erosion, sliding or other earth movement.)
- Complete permanent soil erosion control measures for the earth change within five calendar days after final grading or upon completion of the final earth change. If it is not possible to permanently stabilize the earth change, then maintain temporary soil erosion and sedimentation control measures until permanent soil erosion control measures are in place and the area is stabilized.

SPECIFIC CONDITIONS
