Sterling Heights ENGINEERING

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SOIL EROSION AND SEDIMENTATION CONTROL PERMIT APPLICATION

Part 91 of Public Act 451 of 1994, as amended

ENGINEERING USE ONLY

Application Date: _____ Approval Date: _____ SESC Permit No.: PSESC _____

General Information:

Project Name: _____

Project Address: _____

Section No.: _____ ¼ Section (circle one): NE NW SE SW

Parcel Identification Number: _____

Nearest Major Crossroads: _____

Names, Addresses, and Phone Numbers:

Address #1: Property Owner of Record

Name: _____
Company Name: _____
Address: _____
(PO Box Nos. Not Acceptable)
City: _____
State: _____ Zip: _____
Company Phone: _____
Mobile Phone: _____
Fax: _____
Email Address: _____

Address #2: Applicant

Name: _____
Company Name: _____
Address: _____
(PO Box Nos. Not Acceptable)
City: _____
State: _____ Zip: _____
Company Phone: _____
Mobile Phone: _____
Fax: _____
Email Address: _____

Address #3: Erosion Control Plan by

Name: _____
Company Name: _____
Address: _____
(PO Box Nos. Not Acceptable)
City: _____
State: _____ Zip: _____
Company Phone: _____
Mobile Phone: _____
Fax: _____
Email Address: _____

Address #4: Project Contact On Work Site

Name: _____
Company Name: _____
Address: _____
(PO Box Nos. Not Acceptable)
City: _____
State: _____ Zip: _____
Company Phone: _____
Mobile Phone: _____
Fax: _____
Email Address: _____

When Permit Is Ready Call:

_____
(Name) (Phone #)

Project Information

a. Type of Development:

☐ Residential ☐ Commercial (CO) ☐ Industrial (ID) ☐ Utility (UT)

☐ Other (OT) Specify: _____

b. Total area of parcel (in acres): _____

c. Total area of proposed earth disruption (in acres): _____

d. Has earth disruption started on site (Yes or No): _____

e. Anticipated earth disruption starting date: _____
Month Year

f. Anticipated final inspection date: _____
Month Year

g. Type of soil: _____

h. Description of proposed earth disruption: _____

_____

Hydrologic Characteristics of Site

a. Type of "Ultimate" drainage outlet(s):

☐ County Drain Name of Drain: _____

☐ Lake/Pond Name of Lake/Pond: _____

☐ River/Stream Name of River/Stream: _____

☐ Enclosed Drain Name of Drain: _____

☐ Detention Basin (with outlet) ☐ Retention Basin (on outlet) ☐ Wetland

☐ Open Ditch ☐ Overland Flow

b. Distance to nearest lake, stream, pond, open drain, or wetland: _____

c. Does the project include any work or disruption within a flood plain (Yes or No)? _____

d. Does the project include any work within the cross-section of a lake or stream (Yes or No)? _____

e. Is a MDEQ Permit required (Yes or No)? _____ If Yes, what is the MDEQ Permit Number (if known): _____

_____

f. If MDEQ Permit is required and application has **not** been submitted, what is the expected date of submittal?

_____

Permit Fee Calculation

a. <u>Permits/Plan Review</u>

Minimum Fee - $80.00
Commercial, Industrial, Subdivision/Condo Developments:
¼ of 1% of earth disrupting costs of first $500,000.00
⅛ of 1% of earth disrupting costs in excess of $500,000.00
Underground private utilities $0.05 per foot

Earth disrupting costs include installation of sanitary sewers, storm sewers, water mains, paving, parking lots, grading, stripping, site preparation, and access road.

b. Field Inspection

Inspection Charges shall be payroll plus 180% for all work other than installation of private utilities.
Utilities - $0.05 per foot

Inspection deposits shall be made in full prior to commencements of work in accordance with the following schedule (Round deposit to nearest $100):

Total Installed Cost	Minimum	Maximum
$0 - $9,999	$750	$750
$10,000 - $49,999	$750 + 1.5% of each $1,000 over $10,000	$1,000
$50,000 - $99,999	$1,000 + 1% of each $1,000 over $50,000	$1,250
$100,000 - $299,999	$1,250 + ½ of 1% of each $1,000 over $100,000	$2,000
$300,000 - up	$2,000 + ¼ of 1% of each $1,000 over $300,000	$4,000

c. Security Bond

Cash, certified check, or irrevocable letter of credit from an approved financial institution equal in amount to the total cost of the soil erosion and sedimentation control measures and restoration ($500.00 minimum).

OFFICE USE ONLY

a) PERMIT FEE: (minimum $80)	$_____
b) INSPECTION DEPOSIT: (minimum $750)	$_____
c) SECURITY BOND: (minimum $750)	$_____

Enforcement Acknowledgement

A. Failure to comply with Michigan's Soil Erosion and Sedimentation Control Part 91 of Public Act 451 of 1994, as amended ("Part 91"), and the City of Sterling Heights Soil Erosion and Sedimentation Control Ordinance is a civil infraction and will result in one or more of the following actions taken by this office: (1) a fine up to $2,500; (2) installation of soil erosion and sedimentation controls by City enforcing agency with all costs related to the administration, legal costs, permit or renewal fees and implementation of controls to be assessed against the permit holder and/or landowner which may become a lien on the property if not paid; (3) a temporary restraining order will be filed in court to restrain any and all further construction at the property site, and to recover damages to the natural resources of the State; and (4) and any other legal action necessary to ensure compliance with Michigan law.

B. A person who knowingly violates Part 91 or knowingly makes a false statement in an application for a permit or in a soil and sedimentation control plan may be ordered to pay a fine of up to $10,000 for each day of violation.

C. A person who knowingly violates Part 91 after 5 days after of the Mailed Date of the Notice of Determination of Violation is responsible for a payment of a civil fine of not less than $2,500.00 or more than $25,000.00 for each day of violation. MCL 324.9121(1); 9121(2); and 9121(3).

D. By applying for and accepting this permit, the permit holder and/or landowner hereby consents to the following: (1) the authority of the Michigan Department of Environmental Quality, or the city enforcing agency to enter upon the property at all reasonable times for the purpose of inspecting and investigating conditions or practices that may be in violation of Part 91; (2) installation of soil erosion and sedimentation controls by City enforcing agency with all costs related to the administration, legal costs, permit or renewal fees and implementation of controls to be assessed against the permit holder and/or landowner which may become a lien on the property.

I hereby acknowledge that I have read, understand, and accept the Enforcement Acknowledgement.

Property Owner's Initials Or Designated Agent's* **Initials:** ☐

*** (See Designated Agent Note Next Page)**

Permit Application Requirements

a. Complete Permit Application (Type or print clearly in ink).

b. Calculate Permit Fee. Make checks payable to: **City of Sterling Heights**. The entire fee is to be paid at time of application.

c. Submit Soil Erosion and Sedimentation Control Plan (**PDF compatible file**), containing the following:

1. Location map, with North arrow, lakes, streams, ponds, and open drains.
2. Topo map which will accurately show existing natural drainage patterns.
3. Drainage arrow for proposed on-site drainage.
4. All lakes, streams, wetlands, drains, etc., must be shown on plans.
5. Proposed and existing storm sewers and basins.
6. Identify ultimate drainage outlet.
7. Sequence-of-Construction.
8. Graphic location of Erosion and Sedimentation Controls on plan.
9. Limits of earth disruption must be shown on plans.
10. Construction/installation details of Erosion and Sedimentation Controls.
11. Provisions for proper maintenance of Erosion and Sedimentation Controls.
12. Legal description of site.
13. Name of individual who prepared Erosion and Sedimentation Control Plan.
14. Date plans were prepared.
15. Statement on the site plan stating who is responsible for maintenance and that: "THE SOIL EROSION CONTROLS WILL BE MAINTAINED WEEKLY AND AFTER EVERY STORM EVENT".
16. Distance and location to the nearest lake, stream, pond, open drain or wetland (shown on the site location map)
17. Soil information (types, locations, etc.)
18. Attach City of Sterling Heights Standard Detail Sheet for Soil Erosion

d. **Submit Application, Plans, and Permit Fee at least 30 Days Prior to Commencing Earth Disruption.**

Project Owners 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. The City of Sterling Heights has 30 days from the date of receipt of a complete and correct application to review and issue this permit. I understand that this permit will expire one (1) year from the DATE OF APPLICATION. Projects not completed within that year will be renewed for an additional year at the current renewal fee.

I (we) affirm that the above information is accurate and that I (we) will conduct the above described earth change is accordance with Part 91, Soil Erosion and Sedimentation control, of the Natural Resource and Environmental Protection Act, 1994 PA 451, as amended, applicable local ordinances, and the documents accompanying this application.

Landowner's Signature	Print Name	Date
Designated Agent's Signature*	Print Name	Date

* Designated agent must have an original written and notarized statement from the Property Owner authorizing him/her to secure a permit in the Property Owner's name.

Sterling Heights ENGINEERING

SOIL EROSION AND SEDIMENTATION CONTROL

GENERAL NOTES

1. All soil erosion and sediment control work shall conform to the standards and specifications of the City of Sterling Heights.

2. Daily inspections shall be made by the contractor to determine effectiveness of soil erosion and sedimentation control measures and any necessary repairs shall be performed without delay.

3. Erosion and any sedimentation from work on this site shall be contained on the site and not allowed to collect on any off-site areas or in waterways. Waterways include both natural and man-made open ditches, streams, storm drains, lakes and ponds.

4. Soil erosion and sedimentation control measures are to be placed prior to or as the first step in construction. Sedimentation control practices shall be applied as a perimeter defense against any transporting of silt or soils off the site.

5. Contractor shall apply temporary soil erosion and sedimentation control measures as required and as directed on these plans. The contractor shall remove temporary measures as soon as permanent stabilization of slopes, ditches, and other earth changes have been accomplished.

6. Permanent soil erosion control measures for all slopes, channels, ditches, or any disturbed lawn area shall be completed within five (5) calendar days after final grading or the final earth change has been completed. When it is not possible to stabilize a disturbed area after the earth change has been completed, or where significant earth change activity has ceased, temporary soil erosion control measures shall be implemented for thirty (30) calendar days. All permanent soil erosion control measures will be implemented and established before a certificate of compliance is issued.

7. All mud/dirt tracked onto existing city/county/state roads from this site due to construction shall be removed by the contractor/builder at the end of the work day or immediately if a driving hazard is present.

   All mud/dirt tracked or spilled on paved roads/surfaces within this site shall be promptly removed by the contractor/builder.

8. All onsite and off-site areas disturbed by construction shall be restored to equal or better than original existing conditions. All restoration shall consist of a minimum of 4" of topsoil, seed, fertilizer, and mulch blankets or 3" of topsoil and Class "A" sod where existing condition require sod replacement.