



Gratiot County
Part 91 of Act 451
Soil Erosion and Sedimentation Control Permit Application

Permit Application and Plan Requirements Checklist

All sections must be addressed or the permit will not be granted

- Site location – (see attached map).
- Scaled Maps (that includes the following):
 - Soil Information (type of soil) _____
 - Distance to lakes, streams, rivers, drains, etc. (distance in feet or miles).
 - Predominant land features (trees, gullies, buildings, etc.).
 - Slope information – before/after (arrows indicating run-off direction and grading elevation when required).
 - Limits of earth change (show all areas that will involve earth changes).
 - Temporary Soil Erosion and Sedimentation Control measures (silt fence, undisturbed grass strip, etc.).
 - Permanent Soil Erosion and Sedimentation Control (i.e. grass, crushed stone, berms, etc.).
 - Drainage facilities (a description and the location of all existing and proposed on-site drainage and dewatering facilities).
 - Timing sequence (time for each earth change, start to final grade, seed and mulch, timing for installation, maintenance and removal of temporary SESC and installation of permanent SESC).
 - Maintenance program for Soil Erosion and Sedimentation Control measures.

Required by Part 91 of Act 451 MICH APPS.

NOTICE: Pursuant to 9205(3) of Part 91 Gratiot County SESC Ordinance #2003-1.
More restrictive than state law.



7. MAP CHECK LIST:

- | | | |
|---|--|---|
| <input type="checkbox"/> Location | <input type="checkbox"/> Distance from Body of Water | <input type="checkbox"/> Temporary Control Measures |
| <input type="checkbox"/> Vegetative Measure | <input type="checkbox"/> Sewage System | <input type="checkbox"/> Body of Water |
| <input type="checkbox"/> Building Site | <input type="checkbox"/> Permanent Control Measures | <input type="checkbox"/> Wetlands |
| <input type="checkbox"/> Land Features | <input type="checkbox"/> Slope Description | |

SITE OR PLOT MUST BE FILLED IN BY APPLICANT – OR ATTACH COPY

Grid area for site or plot details.

ROAD

Distance in feet from edge of construction to property line:

FRONT (road frontage) _____ REAR _____

LEFT SIDE LINE _____ RIGHT SIDE LINE _____



PERMIT APPLICATION
for Part 91
SOIL EROSION AND
SEDIMENTATION CONTROL

OFFICE USE ONLY

Permit Number
Date Issued
Expiration Date
File Number

1. APPLICANT (Please check if applicant is the landowner or designated agent*)

Name	<input type="checkbox"/> Landowner	<input type="checkbox"/> Designated Agent
Address		
City	State	Zip Code
Area Code/Telephone Number		

2. LOCATION

Section	Town	Range	Township	City/Village	County
Subdivision	Lot No.	Property Tax ID Number	Street Address		

3. PROPOSED EARTH CHANGE

Project Type: Residential Multi-family Commercial
 Industrial Land Balancing

Describe Project	Size of Earth Change (acres or square feet)
Name of and Distance to Nearest Lake, Stream, or Drain	Date Project to Start
Date Project to be Completed	

4. SOIL EROSION AND SEDIMENTATION CONTROL PLAN (Refer to Rule 323.1703)

Note: <u> </u> complete sets of plans must be attached.	Estimated Cost of Erosion and Sediment Control
	Plan Preparer's Name and Telephone Number
	Area Code ()

5. PARTIES RESPONSIBLE FOR EARTH CHANGE

Name of Landowner (if not provided in Box No. 1 above)	Address		
City	State	Zip	Area Code/Telephone Number
Name of Individual "On Site" Responsible for Earth Change	Company Name		
Address	City	State	Zip Code
Area Code/Telephone No.			

6. PERFORMANCE DEPOSIT (If required by the permitting agency)

Amount Required \$	<input type="checkbox"/> Cash	<input type="checkbox"/> Certified Check	<input type="checkbox"/> Irrevocable Letter of Credit	<input type="checkbox"/> Surety Bond
Name of Surety Company				
Address	City	State	Zip Code	Area Code/Telephone No.

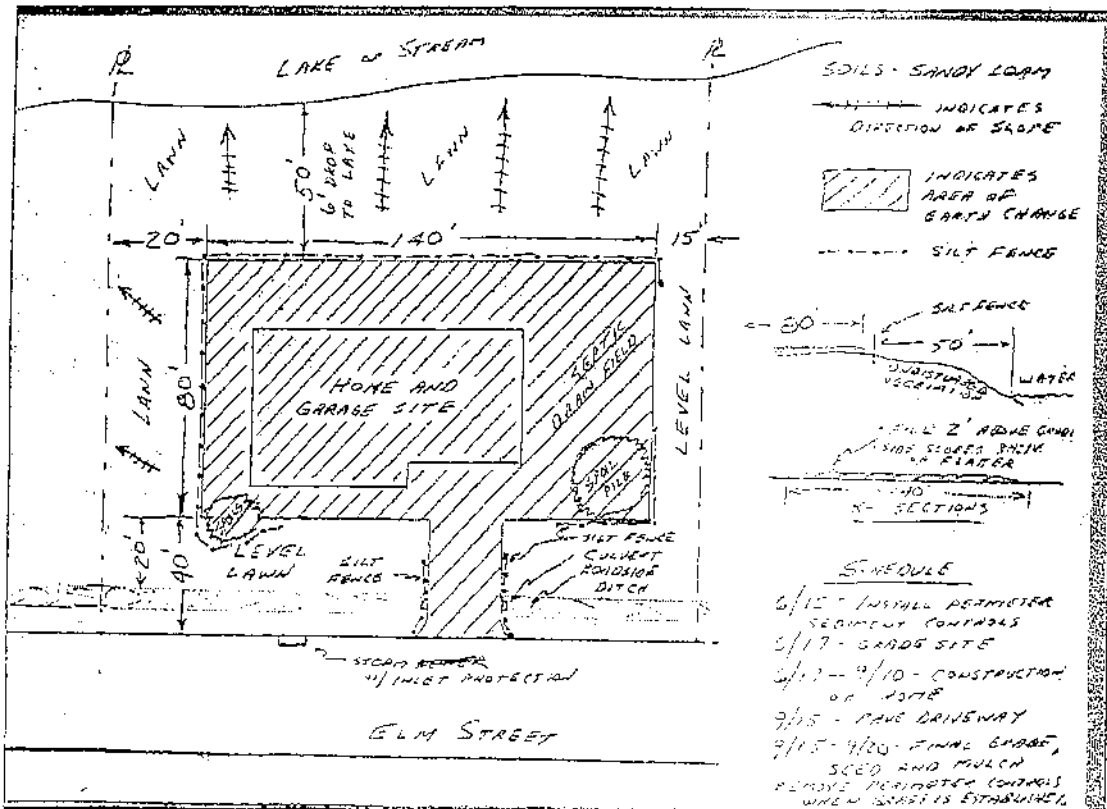
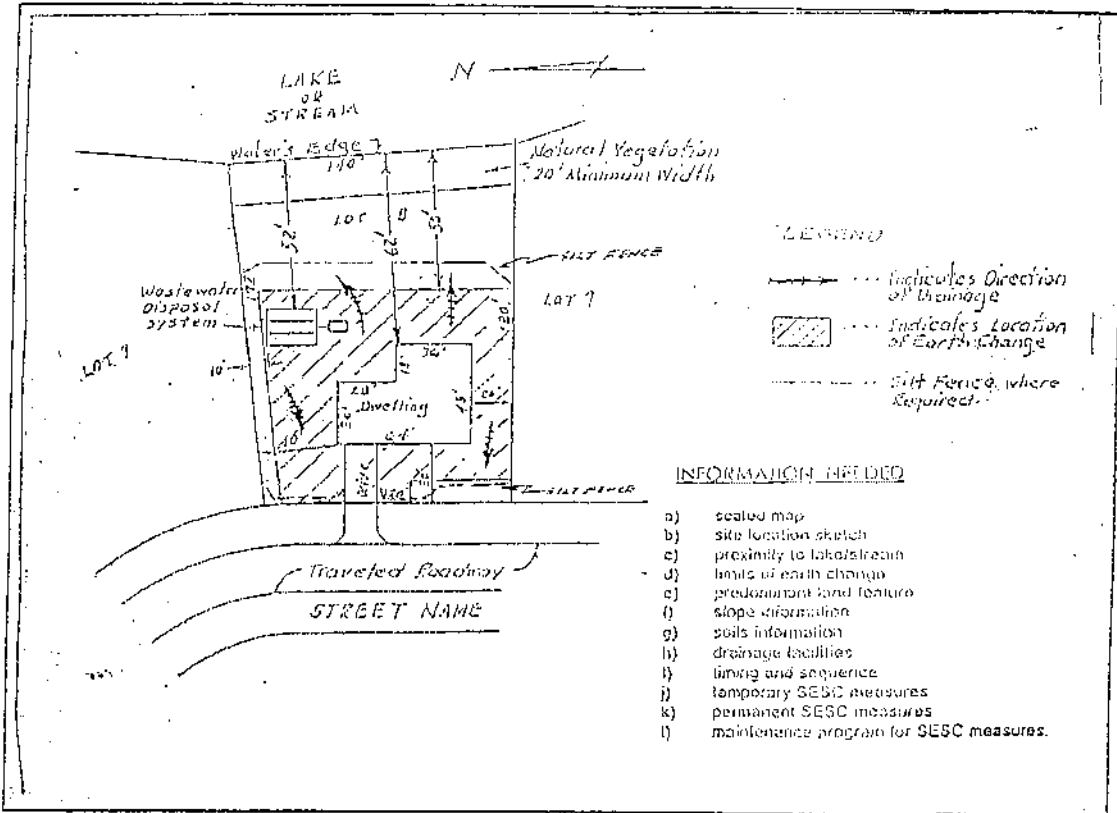
I (we) affirm that the above information is accurate and that I (we) will conduct the above described earth change in accordance with Part 91, Soil Erosion and Sedimentation Control, of the Natural Resource and Environmental Protection Act, 1994 PA 451, as amended, applicable local ordinances, and the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

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

- Designated agent must have a written statement from landowner authorizing him/her to secure a permit in the landowner's name.



Sample Residential SESC Plans



ATTACHMENT 1
Soil Erosion and Sedimentation Control
Grading Permit Fee Schedule
(Effective 10-01-2011)

INITIAL APPLICATION FEE:

Applicants seeking to obtain a Soil Erosion Permit will be required to pay an initial application fee upon submitting the Grading Permit application.

MAJOR PROJECTS / 1 ACRE OR MORE:	\$95.00 PER ACRE DISTURBED
MINOR PROJECTS / LESS THAN 1 ACRE:	\$40.00 PER ACRE DISTURBED
GRAVEL / SAND MINING / 0 – 5 ACRES:	\$150.00 PER ACRE PER YEAR
COMMERCIAL / INDUSTRIAL PROJECTS:	
0 – 1 ACRE	\$750.00 PER YEAR
2 – 5 ACRES	\$1,000.00 PER YEAR
6 + ACRES	\$1,000.00 + \$45.00 PER ACRE (OVER 5 ACRES)

The initial fee covers plan review, preliminary inspections and the first month of disturbance. Note that the initial fee is calculated based on total acreage to be disturbed. In the event that a third party consultant or engineer is requested to review plans or assist with inspections, those incurred fees will be paid by the permit holder.

IN THE EVENT THAT EARTH MOVING ACTIVITIES OCCUR PRIOR TO ISSUANCE OF A GRADING PERMIT, THE OWNER IS SUBJECT TO AN ADMINISTRATIVE FEE OF \$40.00 PER ACRE.

MONTHLY BILLING FEES:

Following the payment of the initial fees, SESC Program Staff will perform monthly or bimonthly inspections and issue invoices to each project based on the acreage disturbed onsite at the time of inspection. ANY UNPAID RE-INSPECTION FEES RESULTING FROM STOP WORK ORDERS WILL BE ADDED TO THE INVOICE.

MAJOR PROJECTS:	\$95.00 PER ACRE DISTURBED, BILLED MONTHLY
MINOR PROJECTS:	\$40.00 PER ACRE DISTURBED, BILLED MONTHLY

An administrative fee of \$20.00 will be added to each overdue balance.

Monthly invoices are calculated based only on the area that is disturbed at the time of inspection. If an area is stabilized using approved permanent or temporary stabilization methods, the permit holder will not be billed for the stabilized area. A list of approved methods of stabilization are available through the Gratiot County Planning and Permits Office.

BOND REQUIREMENTS:

A \$400.00 per acre cash deposit or an approved surety bond form which is certified may be required.

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

1. A detailed map and site plan drawn to scale must be submitted prior to issuance of a Soil Erosion and Sedimentation Permit. The map and site plan should clearly indicate the site location which includes the proximity of any proposed earth change to lakes, streams, drains, wetlands or creeks. Any predominant land features, contour intervals and slope descriptions. The map must include a legend and north arrow.

2. A written description of Soil types of the exposed land area which will be affected by the earth change. Soil horizons to depth of excavation must be included.

3. Time schedule for operation - indicate dates to best of ability:

- A. Stripping/Stockpiling of Soil: From: _____
To: _____
- B. Rough Grading/Sediment Control: From: _____
To: _____
- C. Temporary Control Measures: From: _____
To: _____
- D. Storm Utilities: From: _____
To: _____
- E. Temporary Construction Roads: From: _____
To: _____
- F. Permanent Control Measures: From: _____
To: _____
- G. Foundation/Building Construction: From: _____
To: _____
- H. Site Construction: From: _____
To: _____
- I. Finish Grading: From: _____
To: _____

4. Description and location of temporary soil erosion measures: _____

5. Pennanent soil erosion control measures: _____

6. Continued Maintenance Plan after project completion: _____

*Gratiot County Permits Office
Soil Erosion and Sedimentation Control Division
214 E. Center Street
Ithaca, MI 48847
989-875-5301*

ACKNOWLEDGEMENT OF RECEIPT

*I _____ do hereby acknowledge that I
have received and understand any and all billing/fee procedures regarding
the Soil Erosion and Sedimentation Control Permit.*

(Signature of Applicant)

(Date)

*If there are any revisions made to this application, the documentation must
be submitted to this office a.s.a.p.*

GRATIOT COUNTY PERMITS OFFICE
SOIL EROSION AND SEDIMENTATION CONTROL DIVISION
 214 E. CENTER ST.
 COURTHOUSE
 ITHACA, MI 48847
 TELEPHONE: 989-875-5301 FAX: 989-875-5260

Letter of Authorization for Soil Erosion Permit # _____

I, the undersigned, authorize _____ to secure a Soil Erosion and Sedimentation Pollution Control Permit for the construction of the following address: _____

Date

Owner Name (please print)

Owner Signature

Agent for Owner (please print)

Agent for Owner Signature



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.

This permit is permissive and its issuance does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of person rights, nor any infringement of federal, state or local law or regulations, nor does it eliminate the necessity of obtaining such permits or approvals from other units of government as may be required by law. This permit is issued with the understanding that it does not prevent the State of Michigan from subsequent establishment of further requirements for control at any time.

The permit shall be posted at the project site and available for inspection at all times during the duration of the project.

The restrictions and conditions of this permit shall apply to any person or legal entity which now or shall hereafter own the facilities or land for which this permit is issued. The permittee shall immediately notify the appropriate enforcing agency of such change in ownership or principal operator status for this facility.

It is further made a requirement of this permit that the applicant give notice to public utilities in accordance with Act 53 of the Public Act of 1974, compiled laws 460.701 to 460.718, and comply with each of the requirements of that Act.

In the event that the provisions of this permit are not utilized within a one year period, then the permit shall become void and of no further force or effect, requiring the submission of an application at such time as the development is again proposed.

Property owner(s) assume final responsibility for all earth change work and understanding that liability arising from any unlawful earth change will be assessed against the owner(s).



In the event of failure to complete the work or failure to comply with all the requirements, conditions and terms of permit, the enforcing agency may order such work necessary to eliminate any danger to persons or property and to leave the site in a safe condition or he may order the work authorized by the permit to be completed. The permittee and the surety executing the bond or person issuing the instrument of credit or making the cash deposit shall continue to be firmly bound under a continuing obligation for the payment of all necessary costs and expenses that may be incurred or expended by the enforcer in causing any and all such work to be done. In the case of a cash deposit, any unused portion thereof shall be refunded to the permittee.

During grading operation, the permittee shall be responsible for:

- The prevention of damage to adjacent property. No person shall grade on land so close to the property line as endanger any adjoining public street, sidewalk, alley or any public or private property without supporting and protecting such property from settling, cracking or other damage which might result. Carrying out the proposed work in accordance with the approved plans and in compliance with all the requirements of the permit and this document.
- The permit removal of all soil, miscellaneous debris or other materials, dumped or otherwise deposited on public streets, sidewalks or other public thoroughfares during transit to and from the construction, where such spillage constitutes a public nuisance or hazard as determined by this enforcing agency.

Persons carrying out soil erosion and sediment control measures under this document, and all subsequent owners of property or which such measures have been taken, shall maintain all permanent anti-erosion devices.

The requirements of the document shall be enforced by the appropriate enforcing agency, which shall inspect the work. If the enforcer finds any existing conditions not as stated in any application, grading permit or approved plan, he may refuse to approve further work until approval of a revised grading plan which will conform to the existing conditions.

Any temporary or permanent facility designed and constructed for the control or conveyance of water within, around, through or from the earth change area shall be designed to limit the water flow to a non-erosive velocity, and to prevent increased surface run off from the earth change activities that would cause flooding or impair public or riparian rights.

In the event that a violation occurs, the enforcing agency pursuant to Part 91, Public Act 451 of 1994, as amended by 2000 PA 504, its rules and any local regulations and ordinances may: issue a cease and desist order, revoke the earth change permit, have an injunction issued, request a "show cause" hearing - take action on the deposit or bond and/or institute civil or criminal proceedings.

SPECIFIC CONDITIONS



**THIS LIST PROVIDED BY MDEQ
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
LAND AND WATER MANAGEMENT DIVISION**

Permits Required for Construction Activities Under the
Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended

- Does your project involve an earth change that disturbs one or more acres of land or is located within 500 feet of a lake or stream (Part 91).....No Yes

Lake means "the Great Lakes and all natural and artificial inland lakes or impoundments that have definite banks, a bed, visible evidence of a continued occurrence of water, and a water surface area equal to, greater than, one acre."

Stream means "a river, creek, or other surface water course which may or may not be serving as a drain, as defined in the drain code, and which has definite banks, a bed, and visible evidence of the continued flow or continued occurrence of water, including the connecting waters of the Great Lakes."

If your project disturbs five or more acres, a stormwater permit is required from the Surface Water Quality Division (SWQD), Michigan Department of Environmental Quality (MDEQ). Please call (517) 373-1949 for further information.

- 2. Is your project in or near an inland lake or stream? (Part 31 and 301)No Yes

Inland lake and stream means "a natural or artificial lake, pond, or impoundment; a river, stream, or creek which may or may not be serving as a county drain as defined by the drain code; or any other body of water that has definite banks, a bed, and visible evidence of a continued flow or continued occurrence of water..." "inland lake or stream does not include . . . a lake or pond that has a surface area of less than 5 acres."

- 3. Does your project impact a wetland? (Part 303).....No Yes

Wetland means "land characterized by the presence of water at a frequency and duration sufficient to support, and that under normal circumstances does support, wetland vegetation or aquatic life, and is commonly referred to as a bog, swamp, marsh . . ."

- If work in wetlands cannot be avoided, a permit from the MDEQ may be required; and wetland mitigation to compensate for the loss of the wetland and its functions may also be required. For questions regarding regulated wetlands, please contact your local LWMD Field Office or the Inland Lakes and Wetlands Unit at (517) 373-1746.
- The MDEQ's Wetland Assessment Program assists property owners in identifying wetlands on their property. For more information on the Wetland Assessment Program call (517) 24111-8485.

- 4. Is your project in or adjacent to the Great Lakes? (Part 323, 325, and 353).....No Yes

- 5. Does your project involve constructing, maintaining, or altering a dam? (Part 315) No Yes

Dam means "an artificial barrier, including dikes, embankments, and appurtenant works, that impounds, diverts, or is designed to impound or divert water or a combination of water or any other liquid or material in the water."