

Office Use Only

SOIL EROSION CONTROL OFFICER
 306 NORTH STREET, PO BOX 885
 WHITE CLOUD, MICHIGAN 49349
 PHONE: (231)689-7213 FAX: (231)689-7266

Permit Number: _____
Permit Fee: _____
Site/Plan Fee: _____
Date Issued: _____
Expiration Date: _____

SOIL EROSION & SEDIMENTATION POLLUTION CONTROL APPLICATION

Applicant / Property Owner

Name		Street Address	
City	State / Zip Code	Area Code / Phone #	

Location Of Earth Disturbances

Township	Parcel # 62-	Subdivision
County Newaygo	City/Village	Street Address

Proposed Earth Change...Be Specific !

Type of Change	Size of Earth Change:
Distance to Water : _____ Feet	Start Date: / / Completion Date: / /

Identify Water Course: Name _____

Soil Erosion & Sediment Pollution Control Plan (Note: Two (2) sets of complete plans must be attached.)

Estimated Cost of Erosion and Sediment Control \$ _____
 Plan Preparer's Name _____ Preparer's Company Name _____

Parties Responsible For Earth Change

Name of Property Owner of Record (if other than owner/applicant on line #1)		Address	
City	State	Zip	Area Code / Phone #
Name of Individual "On Site" Responsible For Earth Change...Contractor		Company Name	
Address	City/State	Zip Code	Contractor's Phone ()

Performance Deposit

Amount Required \$ _____	Cash _____	Certified Check _____	Irrevocable Letter of Credit _____	Surety Bond (No. _____)
Name of Company			Address	
City	State	Zip	Phone # ()	
Local Agent			Address	
City	State	Zip	Phone # ()	

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 of Act 451 of 1994, its

Corresponding rules, applicable local ordinances and the agreements accompanying this application.

Property Owner's Signature _____ **Date** _____

In reference to your proposed *Soil Erosion and Sedimentation Pollution Control* plans, you must include the following information: (Items Checked)

- A. Amount of earth to be moved. _____
- B. Drawings to accompany your application.
 - 1) A site location map. (see page 5)
 - 2) A topographic map indicating the proximity of the earth change to lakes, streams, wetlands, adjacent property owners, etc. (see page 3)
 - 3) Site development plan. (state completely what work is proposed. Be as specific as possible...size, distances from water, adjacent property owners, etc.) (see page 3) _____

 - _____ 4) Final grading and drainage plan. (Anytime over 5 cubic yards of fill are brought in, indicate drainage plan for surface water run off. You can not redirect stormwater onto adjoining property owners without a positive direct outlet) _____

 - 5) Erosion and Sediment Control Plan (please explain ..i.e.; silt fence, straw bales, buffer strips, etc....) _____

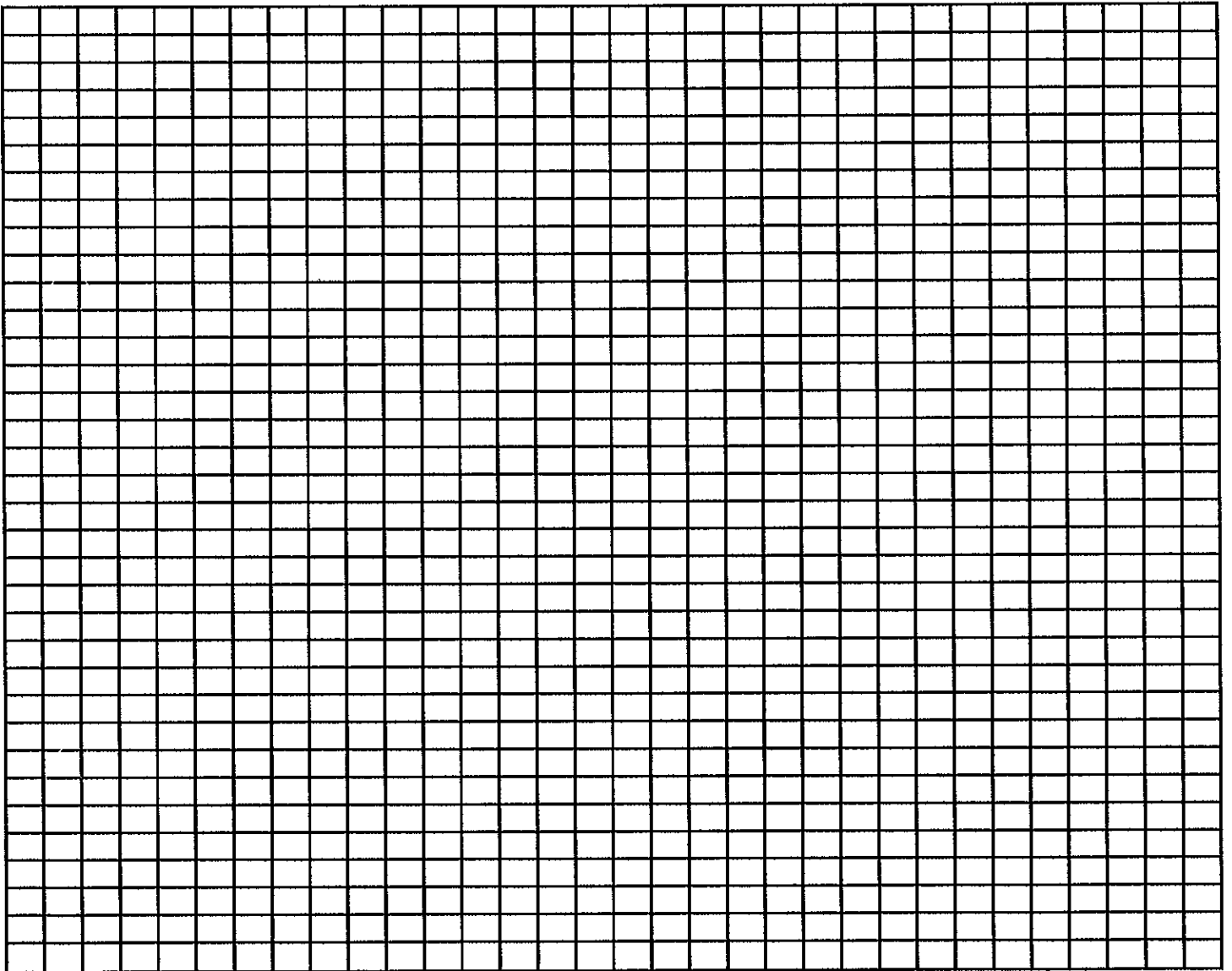
- _____ C. Indicate briefly the measures proposed to prevent any sediment from leaving your development during each phase of construction. (LARGE PROJECTS, such as over one (1) acre of disturbed land adjacent to lake, stream, wetland, etc....) _____

- D. Indicate the permanent measures proposed to prevent any sediment from leaving your development after completion. (Final seeding, retaining wall, rock rip-rap, etc....) _____

TOPOGRAPHIC & SITE DEVELOPMENT PLAN

Please draw where house, garage, well, septic and watercourse is located. Indicate area of disturbance and land contours where possible. Must show proximity of earth change to lakes and streams.

Scale: 1" = 200'



SITE LOCATION MAP
(Give specific directions to site please)

LOCATION OF PROPERTY

Miles: North _____, South _____, East _____, West _____

	N	
Street Name		
W		E
Street Name		
Street Name	S	Street Name

CONSTRUCTION SCHEDULE SOIL EROSION AND SEDIMENTATION CONTROL

Please indicate by shading the area, under the month in which you will be doing the items listed.

CONSTRUCTION ACTIVITY	JAN.	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1. Mark Critical Areas												
2. Stake Building												
3. Sediment Control Measures												
a. _____												
b. _____												
4. Remove Trees												
5. Stockpile Topsoil												
a. Stabilize												
b. Maintain												
6. Rough Grade Site												
7. Temporary Erosion Control												
a. Seeding												
b. Mulching												
8. Exc. Footings/Basement												
9. Install Underground Utilities												
10. Construct Footings/Foundations												
11. Construct Superstructure												
12. Apply Aggregate Base to Drives												
13. Final Grading												
14. Permanent Erosion Control												
a. Seeding												
b. Sodding												

Appropriate Boxes To Be Shaded By Applicant
For Approval By Enforcing Agency.



Michigan Department of Environmental Quality
Land and Water Management Division

Regulated Activities Under the
Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended

- 1a. Does your project or activity involve an earth change that disturbs one or more acres of land or is located within 500 feet of a lake or stream? If yes, a Part 91 permit must be obtained from the county or local governmental agency. Note: Some counties and local agencies may require permits for other earth changes in addition to those described above; please check with them prior to undertaking any earth change. A list of Part 91 permitting agencies is available at www.deq.state.mi.us/lwm/ under the Water Management Section, Soil Erosion and Sedimentation Control Program.

Earth change means a human-made change in the natural cover or topography of land, including cut and fill activities, which may result in or contribute to soil erosion and sedimentation of the waters of the state. Earth change does not include the practice of plowing and tilling soil for the purpose of crop production.

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, or 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."

- 1b. Does your project or activity involve an earth change that is under the jurisdiction (crosses the boundaries) of two or more county and/or local Part 91 agencies described in 1a? (Part 91) No Yes

If your project or activity 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 517-241-8993 for further information.

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

Inland lake or 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 or activity 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 517-241-8485.

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

- 5. Does your project or activity 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."

**Parts of the Natural Resources and Environmental Protection Act
1994 PA 451, as Amended (NREPA) ***

Administered by the Land and Water Management Division

1. Floodplain Regulatory Authority found in Part 31, Water Resources Protection

A permit is required to:

- Occupy, construct, fill, or grade within the 100-year floodplain of a river, stream, drain, or lake. Bridges and culverts are considered an occupation of the floodplain, as are activities that involve storage of materials in the floodplain.

2. Part 91, Soil Erosion and Sedimentation Control

A permit is required for:

- Earth changes within 500 feet of the water's edge of a lake or stream.
- Earth changes disturbing one or more acres.

3. Part 301, Inland Lakes and Streams

A permit is required to:

- Dredge or fill bottomlands.
- Construct, enlarge, extend, remove, or place a structure on bottomland.
- Erect, maintain, or operate a marina.
- Create, enlarge, or diminish an inland lake or stream.
- Structurally interfere with the natural flow of an inland lake or stream.
- Construct, dredge, commence, extend, or enlarge an artificial canal, channel, ditch, lagoon, pond, lake, or similar waterway where the purpose is ultimate connection with an existing inland lake or stream, or where any part of the artificial waterway is located within 500 feet of the ordinary high water mark of an existing inland lake or stream.
- Connect any natural or artificially constructed waterway, canal, channel, ditch, lagoon, pond, lake, or wetland with an existing inland lake or stream for navigation or any other purpose.

4. Part 303, Wetlands Protection

A permit is required to:

- Deposit or permit the placing of fill material in a regulated wetland.
- Dredge, remove, or permit the removal of soil or minerals from a regulated wetland.
- Construct, operate, or maintain any use or development in a regulated wetland.
- Drain surface water from a regulated wetland.

Regulated wetlands are defined in Part 303 and the associated administrative rules.

5. Part 315, Dam Safety

Permits are required for dams with a dam "height" of six feet or more and that have a surface area of five acres or more at the design flood elevation. A permit is required for new dam construction, enlargement of an existing dam or impoundment, dam repair, dam alteration, dam removal, dam abandonment, or reconstruction of a failed dam.

6. Part 323, Shorelands Protection and Management

Designated Environmental Areas - A permit is required for any of the following activities in a designated *environmental area*:

- Dredging, filling, grading, or other alterations of the soil.
- Alteration of natural drainage, but not including the reasonable care and maintenance of established drainage.
- Alteration of vegetation utilized for the preservation and maintenance of fish or wildlife, including identified colonial bird nesting areas.
- Placement of permanent structures.
- Farming of land is allowed without a permit if the person is engaged in the business of farming and the land is used for the production and harvesting of agricultural products using normal farming implements and generally accepted agricultural practices and if artificial draining, diking, dredging, or filling are not used and the natural contour of the land is not altered.

The following counties have designated environmental areas:

Alcona	Arenac	Charlevoix	Delta	Huron	Monroe
Alger	Baraga	Cheboygan	Emmet	Mackinac	Tuscola
Alpena	Bay	Chippewa	Houghton	Marquette	Wayne

Designated High Risk Erosion Areas - A permit is required for the erection, installation, or moving of a permanent structure on a parcel of land where any portion is a designated high risk erosion area. Examples include homes, porches, septic systems, additions, substantial improvements of existing structures, and out buildings. With the exception of Alcona, Charlevoix, Macomb, Monroe, and Wayne Counties, all coastal counties have some designated high risk erosion areas.

7. Part 325, Great Lakes Submerged Lands

A permit is required for all filling, dredging, and placement of permanent structures (i.e., groins, docks, piers, pilings, etc.) below the "ordinary high water mark" and on all upland channels extending landward of the "ordinary high water mark" of the Great Lakes.

8. Part 353, Sand Dune Protection and Management

A permit is required for all proposed new uses in designated critical dune areas mapped in the "Atlas of Critical Dune Areas," prepared by the MDEQ. The following counties have designated critical dune areas:

Alger	Benzie	Chippewa	Leelanau	Manistee	Oceana	Van Buren
Allegan	Berrien	Emmet	Luce	Mason	Ottawa	
Antrim	Charlevoix	Keweenaw	Mackinac	Muskegon	Schoolcraft	

Islands that have designated critical dune areas include Beaver Island, North Fox Island, South Fox Island, High Island, North Manitou Island, and South Manitou Island.

* Various parts of the NREPA are summarized above. Refer to the statute for detailed permitting criteria.

Land/Water Interface Permitting Staff Map



Land and Water Management Division

www.michigan.gov/deqlwmd

11/3/2008

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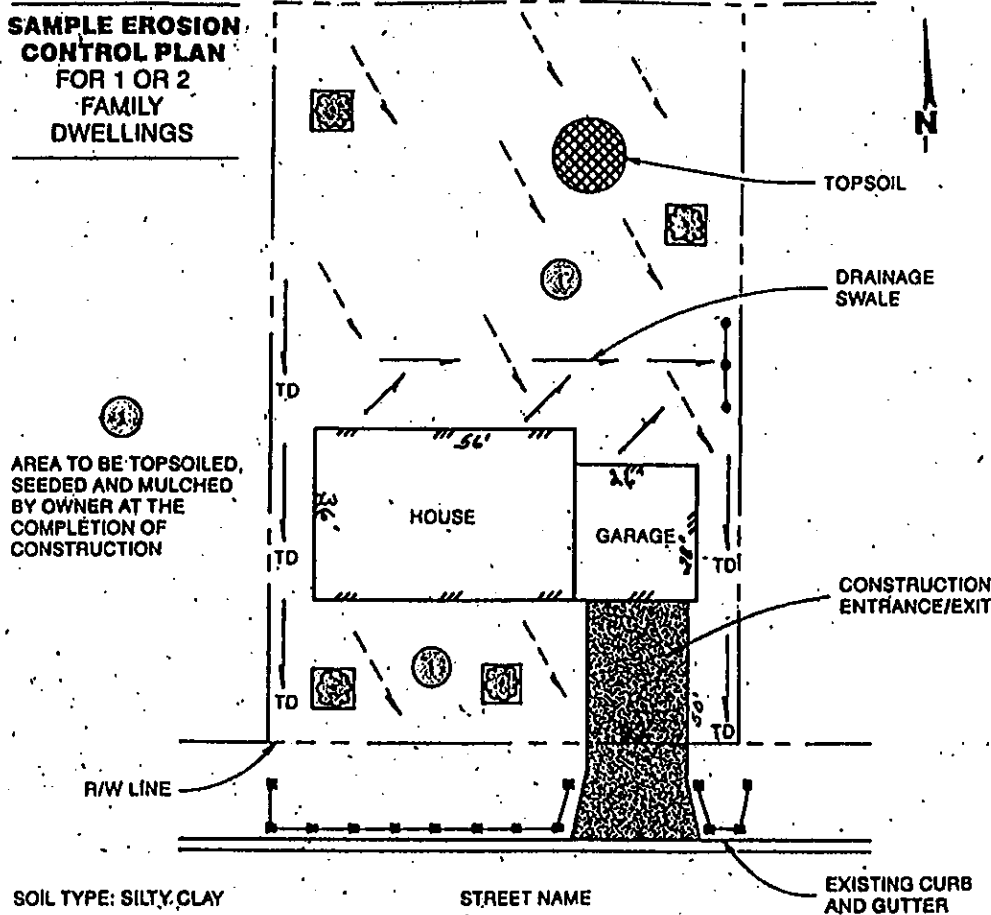
Check List for Soil Erosion Control Permit Application

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

1. Scaled drawing.
2. Legal description.
3. Site location sketch.
4. Distance to lake, stream, wetland, etc.
5. Predominant land features.
6. Contour interval or slope description.
7. Description of soil types.
8. Description and limits of earth changes.
9. Drainage facilities.
10. Timing and sequence of earth change.
11. Description and location of control measures.
12. Maintenance plan.

SAMPLE EROSION CONTROL PLAN FOR 1 OR 2 FAMILY DWELLINGS

EXAMPLE



SOIL TYPE: SILTY CLAY

STREET NAME

EXISTING CURB AND GUTTER

SLOPE: 3%

Distance to water:

SCALE: 1" = 40'

EROSION CONTROL PLAN LEGEND

- PROPERTY LINE
- - - EXISTING DRAINAGE
- TO TEMPORARY DIVERSION
- FINISHED DRAINAGE
- - - LIMITS OF GRADING
- SILT FENCE
- STRAW BALES
- GRAVEL
- VEGETATION SPECIFICATION
- TREE PRESERVATION
- STOCKPILED SOIL

PROJECT LOCATION:	
PROPERTY OWNER:	
ANTICIPATED STARTING DATE:	
CONTRACTOR:	
ANTICIPATED COMPLETION DATE:	
PREPARED BY:	DATE:

Indicate the types of soil/s located at the site of the earth disturbance & the overall description of the area:

Soils:
(Check appropriate soil type)

- Sandy
- Loamy
- Clay
- Peat/Muck
- Gravel

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Area:
Check overall description of area:

- Hills/Banks
- Rolling
- Flat
- Ravine/Gullies
- Pasture
- Woody

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
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Erosion Control for a Residential Site*

Use arrows to show the direction of where storm water would runoff during a rain event (indicating north, south, east, or west), on your drawings going away from the earth disturbance.

Also indicate any banks, hills, valleys, ravines, etc. and the proximity to the earth disturbance.