



LENAWEE COUNTY DRAIN COMMISSION
 320 Springbrook Ave., Adrian Michigan 49221 (517)264-4696 Fax:(517)264-4785
 SOIL EROSION AND SEDIMENTATION CONTROL APPLICATION
 PART 91 OF ACT 451

1 Owner's Name: _____ **Today's Date:** _____

Current Mailing Address: _____

City, State, Zip: _____

Project Name: (Ex: Smith's pole barn or Hickory Creek Subdivision) _____

E-mail Address: _____ Phone Number: _____

Cell Phone Number: _____ Fax Number: _____

2 Contractor's Name: _____ **Contact Person's Name:** _____

Street Address: _____

City, State, Zip: _____

E-mail Address: _____ Phone Number: _____

Cell Phone Number: _____ Fax Number: _____

If the landowner is not applying for the permit, the landowner must complete the designated agent section below.

Statement of Authorization for Designated Agent

I, _____, as the owner in accordance with Part 91, SESC PA 451 of 1994 as amended, do hereby appoint the below named person and/or company as an Authorized Designated Agent to obtain a SESC permit on my behalf.

(Print the name of the person or company to be the Authorized Designated Agent)

Designated Agent's Street Address: _____

City, State, Zip: _____

Email Address: _____ Phone Number: _____

Cell Phone: _____ Fax Number: _____

Landowner Signature: _____ Date: _____

Who will be the on-site responsible party; the owner, the contractor, or the designated agent? _____

Site Location:

Parcel Identification Number: _____ - _____ - _____ - _____ Address: _____

Township: _____ Section Number: _____

PROPOSED ACTIVITY OR EARTH CHANGE

House Construction _____ Pond _____ Seawall _____ Other: _____

Type of Earth Change: _____ Acres Disturbed: _____

Distance to Nearest Watercourse: _____ Watercourse: _____

Start Date: _____ End Date: _____ Total Days: _____

Measures taken to prevent erosion: _____

I (we) affirm that the above information is accurate and that I (we) will conduct the described earth change in accordance with Part 91 of Act 451 of 1994, as amended, its corresponding rules, applicable local ordinances and the agreements accompanying this application.

Owner's/Designated Agent's Signature: _____ Date: _____

Permit #

**Acknowledgment of the Responsibilities of Soil Erosion and Sedimentation
Control Permit Holders Under Part 91**

"Soil erosion and its resulting sedimentation to water systems has been a serious problem throughout history. Millions of tons of soil are lost across the country each year and millions of dollars are spent in correcting the problems brought on by this form of environmental degradation."

1. The applicant or legal representative of the applicant listed on an approved permit is responsible for the maintenance of soil erosion control measures and the ultimate stabilization of the site. If the property is sold and legal transfer of the permit has not transpired, i.e., new owners signature on the existing original permit, the original applicant is held responsible for all control and stabilization measures and permit renewal necessary for compliance with Part 91.

2. If the County Enforcing Agent for Part 91, the Lenawee County Drain Commissioner's Office, finds it necessary to issue a violation to a permit holder, a **\$500.00** cash performance deposit will be required for each subsequent residential soil erosion permit issued to that applicant. Commercial performance fee will be determined by the Drain Commissioner.

3. The permit holder is responsible for the attainment of site stabilization. A site that is defined as being stabilized is one that has achieved its prescribed final grading and vegetative establishment or other covering resistant to erosion as per the approved site plan and discretion of the inspector.

4. The permit holder is also responsible for maintaining the validity of the permit throughout the duration of construction and ultimate stabilization of a site. If the permit expires and the site lacks proper stabilization, the permit holder will need to reapply and pay the permit fee and applicable extension fee. If the permit is renewed prior to its expiration, it can be extended for the cost of the extension fee only. If the permit holder does not pay the extension fee, the bond will be activated to cover this fee.

5. Inspector may require additional control measures if a site inspection indicates that original measures require modifications.

I HEREBY ACKNOWLEDGE that I have read the above statement of responsibility under Part 91 and understand my responsibilities.

Signature: _____ **Date:** _____

For Office Use Only

Application Reviewed By: _____		Date: _____	
Authorized Signature: _____		Date: _____	
Issue Date: _____	Expiration Date: _____	Total Days: _____	
Permit Fee: \$ _____	Bond: \$ _____	Total Amount Due: _____	
Receipt #: _____			

Soil Erosion and Sedimentation Pollution Control Fee Schedule

A permit is required for any earth change that disturbs one or more acres, or is within 500 feet of a lake or stream. Exempted activities include plowing and tilling for crop production, and some activities related to logging and mining.

Single Family Home/Pond

9 Month Permit

\$150 Permit Fee- \$100 Refundable Bond

Permit Extension- \$75.00/Two Months

Commercial, Industrial and Subdivision projects

Review/Submittal Fee

<5 acres \$150.00

Over 5 acres \$250.00

Resubmittal \$100.00

Permit Fee

Site less than 5 acres \$100.00/month (\$400.00 minimum)

Site 5-20 acres \$125.00/month (\$750.00 minimum)

Site over 20 acres \$150.00/month (\$900.00 minimum)

Refundable Bond

<5 acres \$1,000.00

5-20 acres \$1,500.00

Over 20 acres \$2,000.00

Minor Permit / Follow up permit to Act 451-Part 301(Seawalls, Wetlands)

\$100 Permit Fee

After the Fact Permit Additional Fee

Single Family Home-\$100.00

Commercial- \$250.00

Violation - \$50.00

Re-inspection Fee- \$50.00

SOIL EROSION AND SEDIMENTATION CONTROL PLAN FOR NON-COMMERCIAL APPLICATIONS

Temporary Measures and Installation

SESC Measure	Installation Details	SESC Measure	Installation Details
Silt fence trenched in place a minimum of 6 inches.	<p>SEE DETAIL FOR BURIED DEPTH</p> <p>6 INCH MINIMUM UNDER-GROUND DETAIL</p>	Flat Vegetative Buffer (No equipment, materials, vehicles, etc. are to be placed within the 20 foot, flat vegetative buffer.)	<p>Construction Site</p> <p>Flat Vegetative Buffer (no incline)</p> <p>Watercourse or Adjacent Property</p>
Catch basin protection using a Dandy Bag Silt Sack, a Dandy Curb Sack, or a Grate Guard	<p>...for basins in the middle of the roadway ...for basins in the curb of the roadway.</p>	Wattles anchored in place	
Basin protection for basins in yards or no traffic areas using a SedCage	<p>SedCatch® SedCage® - Yard Inlet Protection</p> <p>LEGEND: SC SedCage®</p> <p>MEASURE THE DIAGONAL DIMENSION OF THE GRATE. SELECT A CAGE THAT IS AT LEAST 1" LARGER.</p> <p>COMPATIBLE GRATINGS: A SedCage® IS COMPATIBLE WITH ALL GRATINGS IN WHICH THE EDGES OF THE GRATINGS ARE SUPPORTED BY A LEGGE.</p> <p>SIZES:</p> <ul style="list-style-type: none"> 32" SedCage®: FITS SQUARE GRATINGS FROM 12" X 12" THROUGH 25" X 25" FITS ROUND GRATINGS FROM 12" DIA. THROUGH 24" DIA. FITS RECTANGULAR GRATINGS WITH A DIAGONAL BETWEEN 17" AND 30" (L x W = 12-25) 42" SedCage®: FITS SQUARE GRATINGS FROM 18" X 18" THROUGH 30" X 30" FITS ROUND GRATINGS FROM 18" DIA. THROUGH 30" DIA. FITS RECTANGULAR GRATINGS WITH A DIAGONAL BETWEEN 24" AND 41" (L x W = 18-30) 54" SedCage®: FITS SQUARE GRATINGS FROM 24" X 24" THROUGH 36" X 36" FITS ROUND GRATINGS FROM 24" DIA. THROUGH 40" DIA. FITS RECTANGULAR GRATINGS WITH A DIAGONAL BETWEEN 30" AND 53" (L x W = 24-36) 62" SedCage®: FITS SQUARE GRATINGS FROM 32" X 32" THROUGH 45" X 45" FITS ROUND GRATINGS FROM 32" DIA. THROUGH 48" DIA. FITS RECTANGULAR GRATINGS WITH A DIAGONAL BETWEEN 41" AND 61" (L x W = 32-45) <p>FLOOD WATER CLEAR OPENING:</p> <ul style="list-style-type: none"> 32" SedCage: 230 sq.in. 42" SedCage: 515 sq.in. 54" SedCage: 1070 sq.in. 62" SedCage: 1320 sq.in. <p>GEOTEXTILE FABRIC</p> <p>GRATE</p> <p>GRATE SIZE MAY VARY.</p> <p>SECTION</p> <p>GEOTEXTILE TUCKED UNDER ALL FOUR SIDES OF GRATE.</p>	<p>KEY</p> <ol style="list-style-type: none"> 1) gravel drive 2) Straw bale barrier 3) Silt fence or wattles 4) Dandy Bag / SedCage 5) Area of disturbance 6) Lawn / vegetative buffer <p>Include: Scale Soil type Slope & direction of drainage Direction & distance to watercourse Time & schedule</p>	<p>Property Lines</p> <p>6) Lawn / vegetative buffer</p> <p>3) silt fence</p> <p>4) Dandy Bag</p> <p>5) Area of disturbance</p> <p>2) top soil pile</p> <p>1) Gravel construction entrance</p> <p>6) Lawn / vegetative buffer</p> <p>4% grade to creek →</p> <p>1 square = 10 feet soils type = sand Sandy Creek is 350 feet to the east begin work July 1st, complete work July 15th, site restored August 1st, grass planted August - September, grass growth Fall, permit closed following May</p> <p>SAMPLE SESC PLAN AND SITE PLAN</p>

Temporary Measures

- Install a temporary gravel construction drive to control off-site tracking onto adjoining roadways. (Required in all subdivisions)
- Utilize street sweeping and/or scraping on an as needed basis for all adjacent roadways and driveways. (Required for sites on paved roads & daily for sites within subdivisions.)
- Protect existing street storm inlets or yard basins with Dandy Bags and SedCages. (Silt fencing material under grates is **NOT** acceptable.)
- Protect existing drains, ditches, watercourses, and adjacent properties with: (Select one or one will be chosen for you.)
 - Silt fencing (trenched in place properly, 6 inches) **OR**
 - Wattles (straw, compost, or wood chip filled anchored in place) **OR**
 - A 20 foot, flat vegetative buffer between your spoils piles and the water course. (Vegetative buffer is grass, weeds, winter wheat, etc.) **No equipment, materials, vehicles, etc. are to traverse or be placed within the 20 foot, flat vegetative buffer at any time.**

Permanent Measures

- Restore all disturbed ground with pavement, hydro-seed, seed and mulch, or sod/landscaping. **THIS MUST BE DONE WITHIN 5 DAYS OF FINAL GRADING TO COMPLY WITH THE PERMIT.**

Maintenance Plan for SESC Measures

SESC measures will be inspected once a week or after any rain event. All measures will be repaired and restored IMMEDIATELY if damaged.

SITE PLAN FOR NON-COMMERCIAL APPLICATIONS

Owner's: Name, address, phone, e-mail

Show (draw on the plan) predominant land features. No predominant land features.
 Soil type on site is: _____ Dust will be controlled with water sprayed on as needed.
 Earth disruption will remain within the limits of the: silt fence wattles vegetative buffer
 The nearest watercourse/wetland is located _____ feet North South East West

Description and location of proposed earth changes
 (number 1st, 2nd, 3rd, etc. List any not given.)

- Excavate for:
- ___ construction entrance ___ building foundation
 - ___ septic field ___ garage/pole barn
 - ___ pond ___ pool
 - ___ _____ ___ _____

An asterisk * will indicate where this site will be dewatered by one of these methods:
 (If dewatering is not anticipated, please choose which method will be used if it becomes necessary.)

- Pumping water out to a well established vegetative buffer
- Pumping water through a hose with a silt sack at the end
- Pumping water out to the catch basin with a silt sack at the end of the hose and a Dandy Bag in the catch basin
- Pumping water to the nearest watercourse, but dissipating the energy with riprap placed at the end of the hose.

Timing Sequence:
 Install temporary SESC measures: _____
 Begin construction: _____
 End construction: _____
 Restore disturbed areas
 (install permanent measures): _____
 Site stabilized / grass growing _____
 Remove temporary SESC measures _____

All areas of earth disruption will be stabilized with pavement, landscaping, and grass; (See the -X- areas on the plan.) WITHIN 5 DAYS OF FINAL GRADING PER STATE REQUIREMENTS.

Key: Contour and slope of the site are indicated with arrows. ←↓↑→
 Soils stockpile(s) are indicated with a circle. ○
 Dandy Bags or SedCages are marked with a triangle. △
 Silt fence, wattles, or vegetative buffer are indicated with dashes and Xs. -X
 Gravel construction entrance is indicated with a star. ☆
 A concrete washout bin location is indicated with a diamond. ◆
 Dewatering location. *

Scale: 1 inch = _____ Feet
