



# **Shiawassee County Soil Erosion and Sedimentation Control (SESC) Program Guide**

Includes:

- Application Information
- SESC Application
- SESC Plan Review Information
- Sample Site Plan
- SESC Requirements & Example Control Measures

*This information has been provided by Shiawassee County Health Department to assist in the application for and development of a Soil Erosion Sedimentation Control plan. SCHD would like to thank Public Health Menominee County and Washtenaw County Building Services, Soil Erosion and Sediment Control Division for developing this Program Guide.*



**SHIAWASSEE COUNTY ENVIRONMENTAL HEALTH DIVISION  
SOIL EROSION AND SEDIMENTATION CONTROL  
APPLICATION INFORMATION**

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For the Environmental Health Division to better serve applicants for the Soil Erosion and Sedimentation Control Permit, please be advised of the following:

- ✓ The **application** MUST be complete along with a **site sketch** which includes the information from the attached list of requirements.
- ✓ All plans must be administratively complete before approval will be considered.
- ✓ Payment must be submitted with application. If additional fee is required, payment may be made by phone. Permits will not be issued without full payment. Permits will be mailed, emailed, or faxed as indicated.
- ✓ Minor project review permits will be issued in 5 days; major project review may take up to 30 days. This include on-site inspections, if necessary.
- ✓ If any activity is started before permits are secured, an immediate Cease and Desist Order will be issued. A Cease and Desist order may result in additional delays and/or fees.
- ✓ For any questions on the application, please contact the Environmental Health Division at (989) 743-2390

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**Environmental Health Division**

201 N. Shiawassee St., Corunna, MI 48817 • Office 989.743.2390 • Fax 989.743.2413  
[www.shiawasseechd.net](http://www.shiawasseechd.net)



**SHIAWASSEE COUNTY  
PERMIT APPLICATION  
for Part 91  
SOIL EROSION AND  
SEDIMENTATION CONTROL**

**OFFICE USE ONLY**

Permit Number
Date Issued
Expiration Date
File Number

**1. APPLICANT** (Please indicate 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.	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 <b>and</b> 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)

<b>Note:</b> ___ 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 Number

**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 Resources 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.

## Part 91: Soil Erosion and Sedimentation Control Plan

**Minimum Requirements: Rule 1703 requirements to be included on the site plan.**

	<b>Included in Plan? (Please Circle)</b>	
Map with scale: 1" = 200' or less, or indication of exact distances between noted features on site plan, including site location sketch.....	Yes	No
Legal description of property (town, range, section, quarter-quarter section).....	Yes	No
Proximity of any proposed earth change to lakes and/or streams.....	Yes	No
Predominant land features.....	Yes	No
Slope description or contour intervals.....	Yes	No
Soils survey or written description of the soil types of the proposed exposed land area.....	Yes	No
Description and location of the physical limits of each proposed earth change.....	Yes	No
Description and location of all existing and proposed on-site drainage and dewatering facilities.....	Yes	No
Timing and sequence of each proposed earth change.....	Yes	No
Location and description for installing and removing all temporary SESC measures.....	Yes	No
Description and location of all proposed permanent SESC measures.....	Yes	No
Maintenance program for all permanent SESC measures and designation of person responsible for Maintenance.....	Yes	No

***\*If "NO" is circled above, the plan must be revised to include the missing element prior to submittal / approval\****

## Type of Earth Change

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Single family residence (new) | <input type="checkbox"/> Commercial/industrial (new)                         | <input type="checkbox"/> Road          |
| <input type="checkbox"/> Single family residence       | <input type="checkbox"/> Commercial/industrial (add./alt.)                   | <input type="checkbox"/> Pipeline      |
| <input type="checkbox"/> Garage (addition or detached) | <input type="checkbox"/> Residential development (subdivision, multi-family) | <input type="checkbox"/> Utility       |
| <input type="checkbox"/> Pole barn                     | <input type="checkbox"/> Recreation development                              | <input type="checkbox"/> School/Church |
| <input type="checkbox"/> Pool (in ground)              | <input type="checkbox"/> Golf course   | <input type="checkbox"/> Hospital      |
| <input type="checkbox"/> Pond                          | <input type="checkbox"/> Wetland mitigation                                  | <input type="checkbox"/> Other         |
- 

## Additional Earth Change Information

- |  |                              |                             |  |
|--|------------------------------|-----------------------------|--|
| Has earth-moving activity started?               | Yes <input type="checkbox"/> | No <input type="checkbox"/> |  |
| Is the earth-moving activity over 1 acre?        | Yes <input type="checkbox"/> | No <input type="checkbox"/> | If yes, contact MDEQ                           |
| Will work be occurring in a wetland?             | Yes <input type="checkbox"/> | No <input type="checkbox"/> | If yes, contact MDEQ                           |
| Will de-watering occur?                          | Yes <input type="checkbox"/> | No <input type="checkbox"/> | If yes, special requirements may apply         |
| Will work be occurring in a waterway/floodplain? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | If yes, contact MDEQ                           |
| Will a designated county drain be affected?      | Yes <input type="checkbox"/> | No <input type="checkbox"/> | If yes, contact Shiawassee County Drain Office |
| Will fill be brought on-site?                    | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Amount in cubic yards: _____                   |
| Will material be removed from the site?          | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Amount in cubic yards: _____                   |

## Approximate Project Timing (Month/Year)

### MINOR PROJECTS

- \_\_\_\_/\_\_\_\_ Temporary Erosion Control Measures Installed
- \_\_\_\_/\_\_\_\_ Gravel Drive/Entrance Installed
- \_\_\_\_/\_\_\_\_ Land Cleared or Excavation Started
- 
- \_\_\_\_/\_\_\_\_ Final Grading/Seeding
- 
- \_\_\_\_/\_\_\_\_ Permanent Erosion Control Measures in Place
- \_\_\_\_/\_\_\_\_ Temporary Erosion Control Measures Removed

### MAJOR PROJECTS

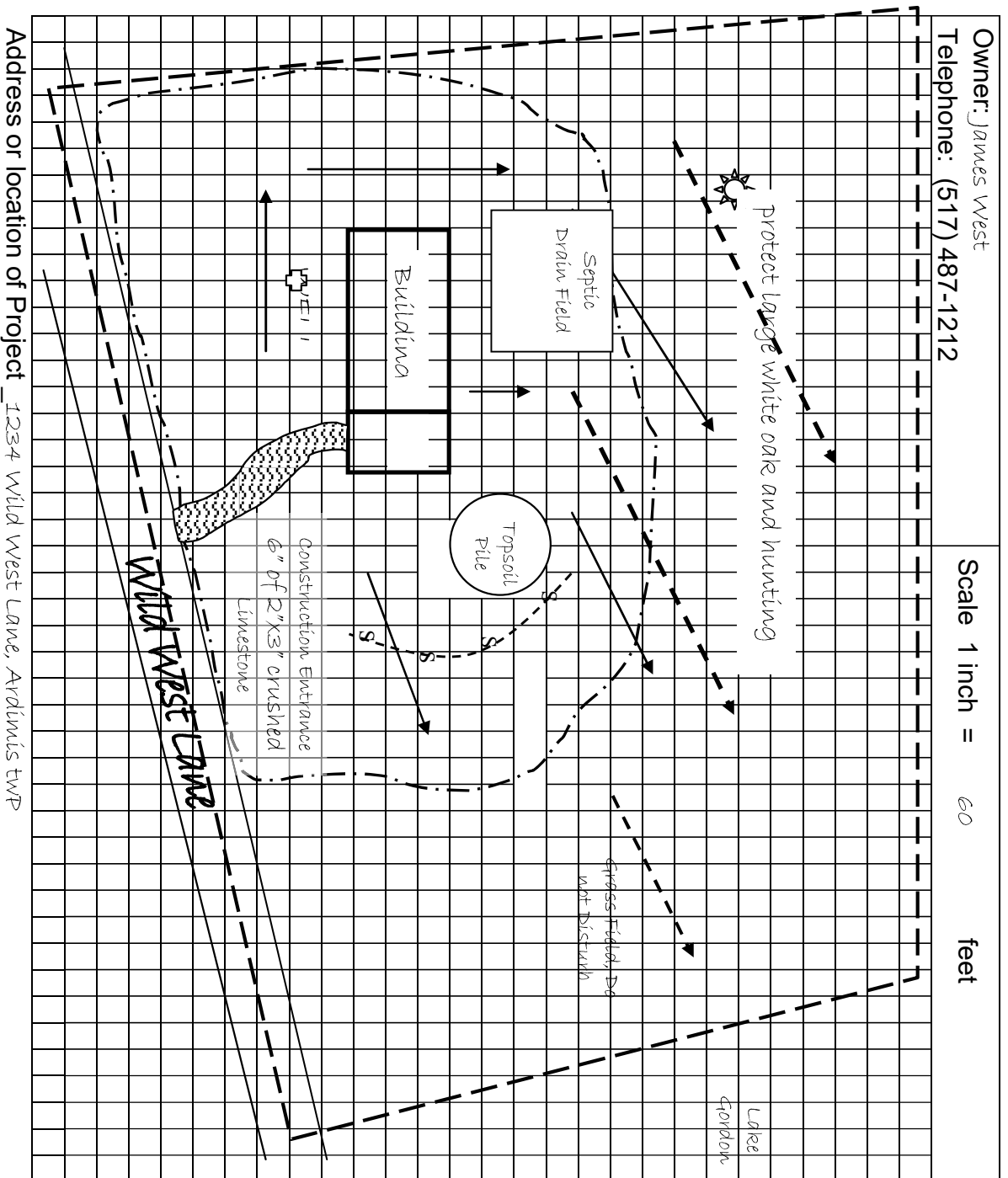
- \_\_\_\_/\_\_\_\_ Temporary Erosion Control Measures Installed
- \_\_\_\_/\_\_\_\_ Gravel Drive/Entrance Installed
- \_\_\_\_/\_\_\_\_ Land Cleared or Excavation Started
- \_\_\_\_/\_\_\_\_ Detention/Retention/Sediment Ponds Installed
- \_\_\_\_/\_\_\_\_ Road Constructed
- \_\_\_\_/\_\_\_\_ Utilities Installed
- \_\_\_\_/\_\_\_\_ Final Grading/Seeding
- \_\_\_\_/\_\_\_\_ Catch Basins/Ponds Cleaned
- \_\_\_\_/\_\_\_\_ Permanent Erosion Control Measures in Place
- \_\_\_\_/\_\_\_\_ Temporary Erosion Control Measures Removed

# EROSION CONTROL PLAN LEGEND

(Use key below to place needed objects on plan, use a scale or ruler to draw home location and locate any other trees or buildings on your property. Please label roads. You only need to show the area that will be disturbed and the access drive.)

- Property Line -----
- Existing Drainage ■■■■■ →
- Temp. Diversion  $\overrightarrow{\text{TD}}$  →
- Finished Drainage →
- Limits of Grading - - - - -
- Silt Fence -- S - - - - - S --

Show Stone Access Drive, Tree preservation and Temporary Soil Stockpile.



# EROSION CONTROL PLAN LEGEND

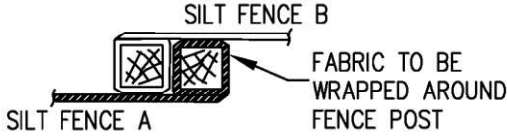
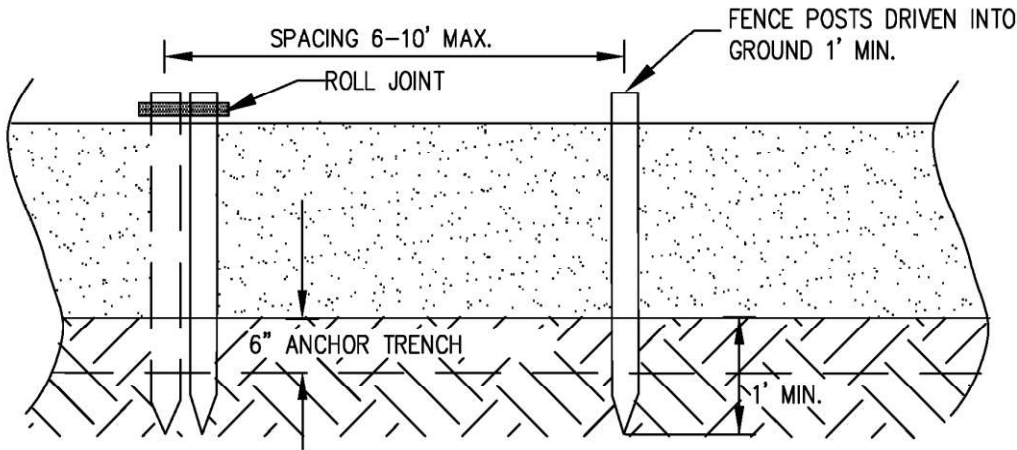
- (Use key below to place needed objects on plan, use a scale or ruler to draw home location and locate any other trees or buildings on your property. Please label roads. You only need to show the area that will be disturbed and the access drive.)
- Property Line** ---- . . . . .
  - Existing Drainage**    - - - - - →
  - Temp. Diversion**      ———→ TD
  - Finished Drainage**    ———→
  - Limits of Grading**    - . . . . .
  - Silt Fence**    -- S -- . . . . . -- S --
- Label Stone Access Drive, Tree preservation, Temporary Soil Stockpile and North Arrow.

<b>Owner Name:</b> <b>Telephone:</b>	<b>Scale 1 inch =</b>
<b>feet</b>	

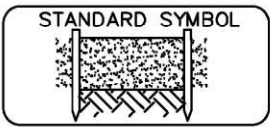
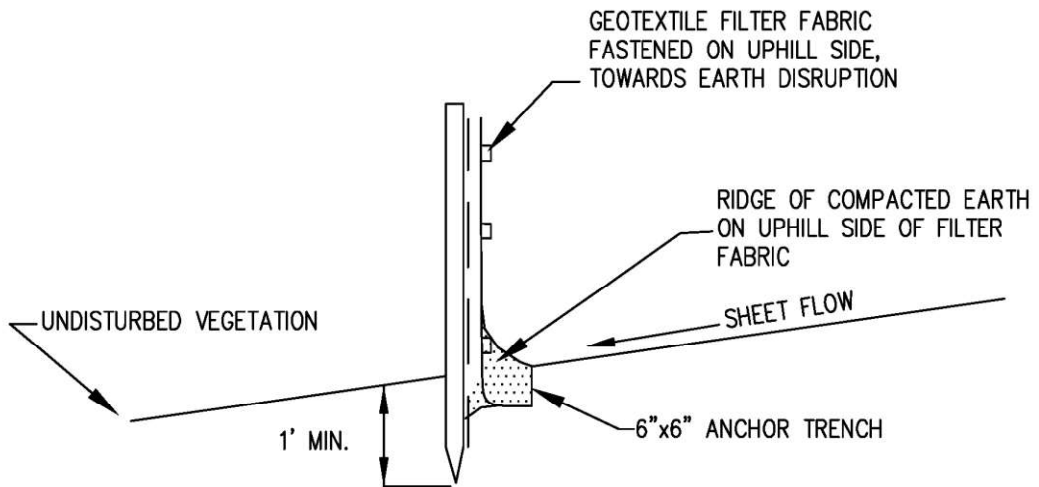
Address or location of Project \_\_\_\_\_

S51

# SILT FENCE



## ROLL JOINTS

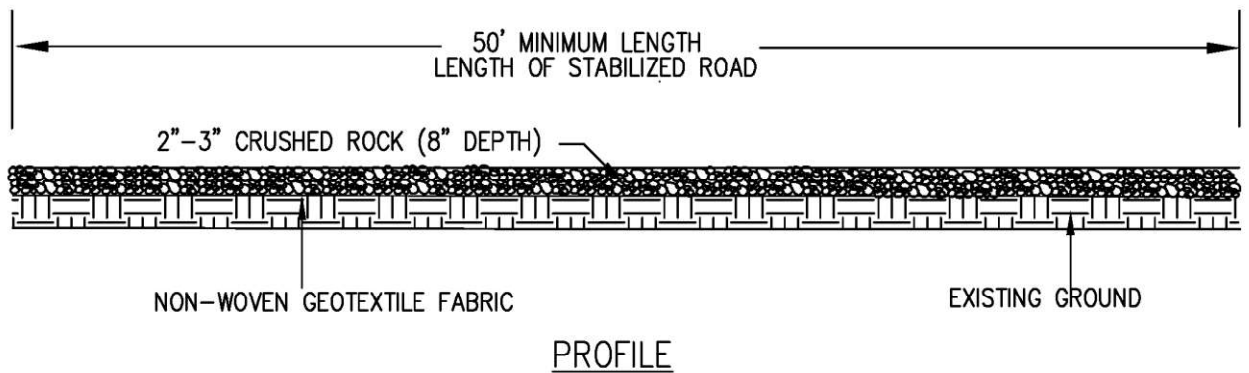
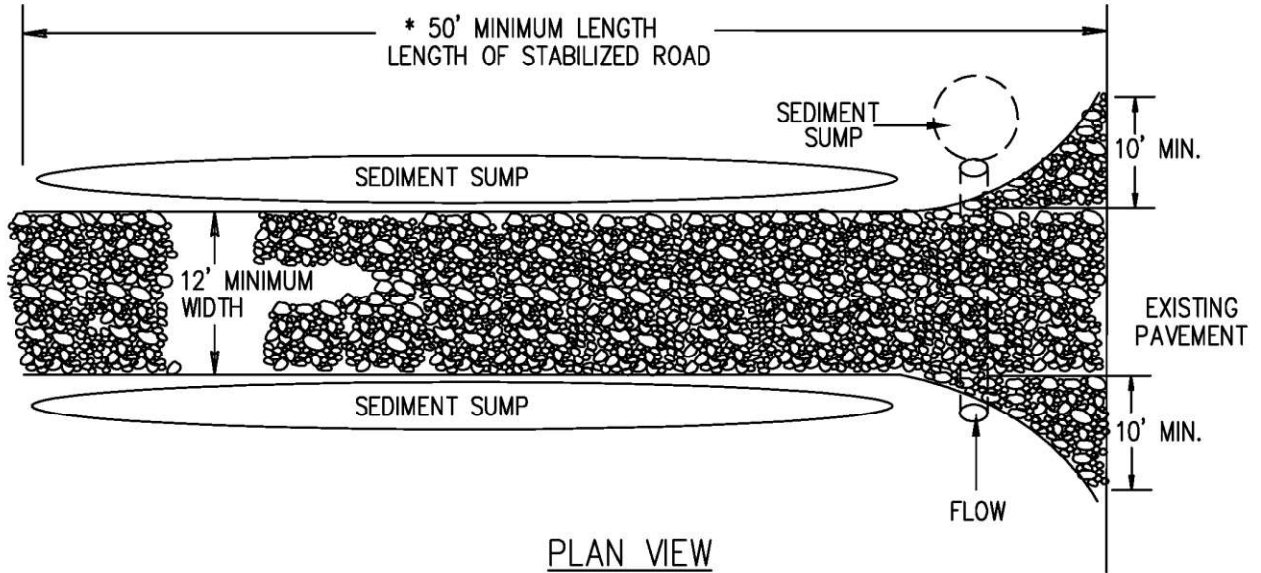


MICHIGAN  
DEPARTMENT OF  
MANAGEMENT AND BUDGET



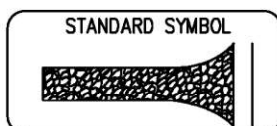
S53

# STABILIZED CONSTRUCTION ACCESS



## NOTES:

1. Establish stabilized construction entrance prior to the initiation of site construction activities.
2. Care should be taken to prevent material movement into adjacent wetlands/waterbodies.
3. Care should be taken to maintain existing roadside drainage via culvert installation, with sediment sump placed downflow of culvert.



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