

Alpena County

Erosion Control Permit Fee Schedule

Transportation Facilities

To include but not limited to: streets, highways, roadways - public/private, trails and paths.

	<u>Plan Review</u>	<u>Permit Fee</u>	<u>Total</u>
Up to ½ mile	Included	\$180.00	\$180.00
Disturbance of ½ mile	Included	\$210.00	\$210.00
Each additional ½ mile or fraction thereof	Included	\$ 70.00	\$ 70.00

Industrial/Commercial Development

Review fees included in permit fee along with 3 inspections included in fee.

Up to one acre	Included	\$280.00	\$280.00
Each additional acre	Included	\$110.00	\$110.00

Commercial projects, greater than one acre, require sealed, engineered site plans with runoff calculations, and either a signed letter of acknowledgment or a letter of credit. If the inspector feels that it is necessary to have a professional engineer review the plans submitted to the County, all review costs will be paid for by the developer.

Utility and Corridor Development

To include but not limited to: underground cables, above ground major transmission cables, water mains and sewers.

Minimum Permit Fee	Included	\$280.00	\$280.00
0-3 feet wide disturbance	\$ 0.04	\$ 0.04	\$ 0.08
4-10 feet wide disturbance	\$ 0.05	\$ 0.05	\$ 0.10
>10 feet wide disturbance	\$ 0.07	\$ 0.07	\$ 0.14

Gravel and Sand Pit Excavation

To include any open pit greater than one acre in size, active or inactive. Generally a five year permit may differ if a signed agreement is made with the agent in advance.

Sand/Gravel Pit	\$175.00	\$50.00 x 5	\$425.00
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Waterway Impoundment Construction or Improvements

To include but not limited to: ponds, seawalls, rip rap, etc.

Up to one acre	\$ Included	\$180.00	\$180.00
Disturbance of one acre	\$ Included	\$210.00	\$210.00
Additional acre or fraction thereof	\$ Included	\$ 70.00	\$ 70.00

Septic Systems

To include septic system installation, replacement or repair not associated with other earth change activities.

Septic System	\$ Included	\$180.00	\$180.00
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Residential Construction and Miscellaneous Earth Changes

To include all single family dwellings, additions, barns, garages and subjects not covered by or within the above categories. 3 inspections included in fee.

Up to one acre	Included	\$180.00	\$180.00
Each additional acre	Included	\$ 85.00	\$ 85.00

* Additional Site Inspections for any permit, beyond three, will be charged at a rate of \$70.00 per visit and will be billed to the landowner at the expiration of the permit.

Any projects, one acre or larger, with a storm water collection, or discharge point may require a storm water operator for the duration of the project. Any project five acres or larger shall require a certified storm water operator for the duration of the
MAKE CHECK PAYABLE TO: Alpena County Treasurer



PERMIT APPLICATION (For Part 91)
SOIL EROSION AND
SEDIMENTATION CONTROL
Alpena County Soil Erosion
720 W. Chisholm Street Suite 3
Alpena, MI 49707
989-354-9534

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			Email address
City	State	Zip Code	Area Code/Phone Number

2. LOCATION

Section	Town	Range	City/Village	Township	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 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: ___ complete sets of plans must be attached.	Estimated Cost of Erosion and Sediment Control
	Plan Preparer's Name and Phone Number with 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/Phone Number	
Name of Individual "On Site" Responsible for Earth Change		Company Name		
Address	City	State	Zip Code	Area Code/Phone 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 Number

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.**



I, _____, the land owner agrees to authorize _____ to act as my authorized agent for the submittal of the Soil Erosion & Sedimentation Control Permit application for my earth change activities. Further, I agree that modifications made to the application by the County Enforcing Agent may be approved and signed for the aforementioned authorized agent upon receipt of the Soil Erosion & Sedimentation Control Permit. I acknowledge that, as the legal landowner, I am responsible for the earth change activities occurring on my site.

Land Owner Signature: _____ Date: _____

Email address: _____



Permit Number: _____

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 461, 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 converting 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.

SPECIFIC CONDITIONS: (write any specific conditions in the box listed below)

**Part 91, Soil Erosion and Sedimentation Control Plan****Minimum Requirements**

Project: _____

Rule 1703 Requirement	Included in Plan?*	Comments
Map with scale: 1" = 200' or less, or indication of exact distances between noted features on site plan, including site location sketch	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Legal description of property (town, range, section, quarter-quarter section)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Proximity of any proposed earth change to lakes and/or streams	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Predominant land features	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Slope description or contour intervals	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Soils survey or written description of the soil types of the proposed exposed land area	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Description and location of the physical limits of each proposed earth change	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Description and location of all existing and proposed on-site drainage and dewatering facilities	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Timing and sequence of each proposed earth change	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Location and description for installing and removing all temporary SESC measures	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Description and location of all proposed permanent SESC measures	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Maintenance program for all permanent SESC measures and designation of person responsible for maintenance	Yes <input type="checkbox"/> No <input type="checkbox"/>	

If No is checked above, the plan must be revised to include the missing element prior to submittal/approval.*Other Comments:**



APPROXIMATE PROJECT TIMING: (Month/Year)

MINOR PROJECTS:

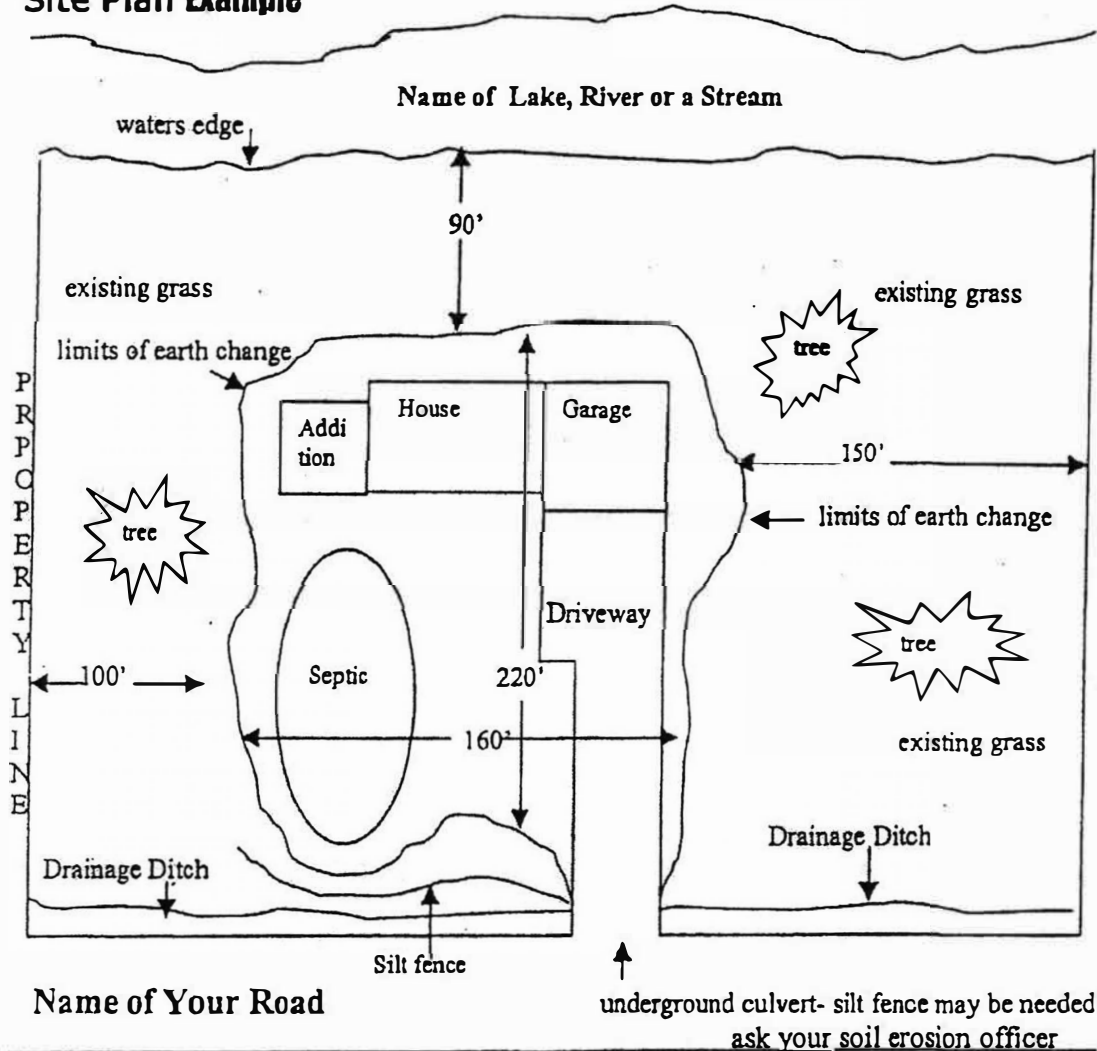
- _____ Temporary Erosion Control Measures installed
- _____ Gravel Drive/Entrance Installed
- _____ Land Cleared or Excavation Started
- _____ Final Grade/ Seeding
- _____ Permanent Erosion Measures In Place
- _____ Temporary Erosion Measures Removed

MAJOR PROJECTS:

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

Natural Resources and Environmental Protection Act PA 451, 1994 states in Part 91, Soil erosion and Sedimentation Control that a *soil erosion permit* is required in the state of Michigan if: a **EARTH CHANGE** is within 500 feet of a lake, river or a stream and/or the **EARTH CHANGE** is disturbing 1 or more acres.

Site Plan Example



Site Plan

Please Include

REQUIREMENTS; a scaled map like the one above, structures(house, garage, shed), drainage characteristics, slopes, vegetated areas including trees and grass, soil type(sand, silt or clay), limits of proposed earth change with proximity to water and adjoining property lines, temporary and permanent erosion measures when needed and estimated timing and sequence of earth activities.

Site Plan

timing/ sequence
date

Checklist; Culvert and/or Driveway _____ Excavation/fill placement _____
Well/Septic installation _____ Building(s) construction _____
Building completion _____ STABILIZATION of earth _____

SITE SEQUENCE TABLE

Project Name/Landowner: _____
Anticipated Start Date: _____
Anticipated End Date: _____

SESC Permit # _____

Construction Sequence	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>Temporary SESC Measures Installed</i>												
• Silt Fence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Rock Access Road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Erosion Control Blankets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Inlet protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Sediment Basins	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Strip & Stockpile</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Rough Grading</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Building Construction</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Final Grade</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Permanent SESC Measures Installed</i>												
• Sediment Basins	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Seeding/Mulch/Landscaping-Vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Pavement/Rock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Removal of Temporary SESC Measures</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Briefly describe the maintenance plan (include responsible party) for each temporary and permanent SESC measure.

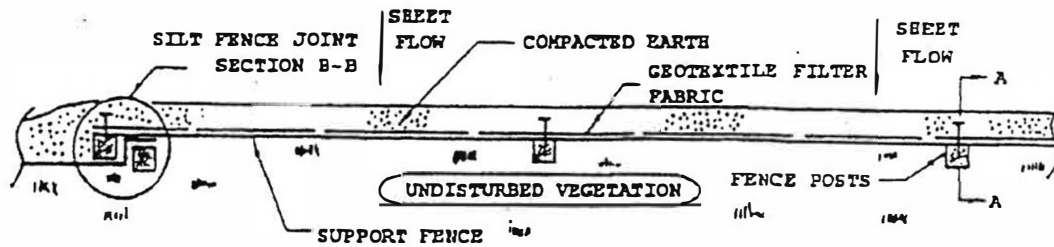
Measure	Responsible Party	Maintenance Plan
Silt Fence		
Buffer Strips		
Catch Basins/Inlets		
Street Sweeping		
Seeding/Mulch		
Storm Ponds/Sediment Basins		
Other:		



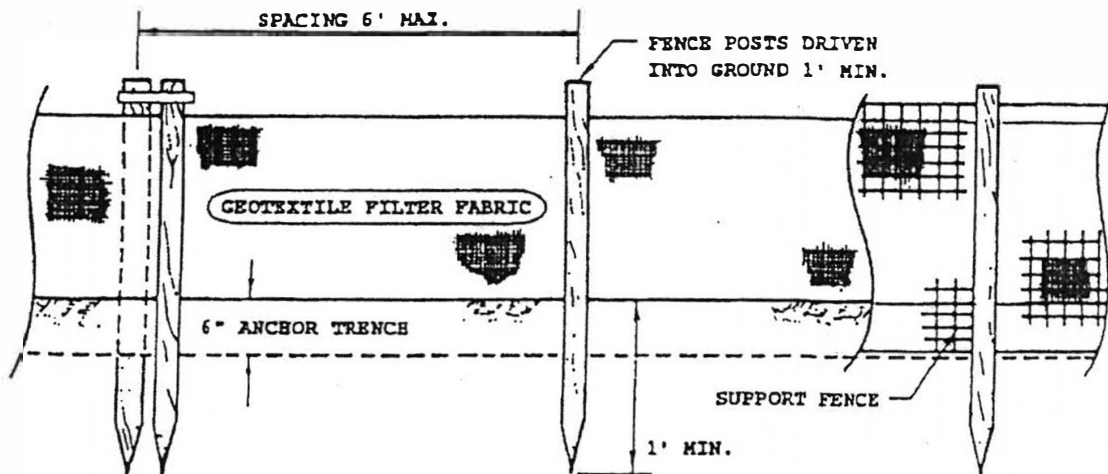
Silt Fence:

- Temporary sediment control measures
- Use for sheet flow, not concentrated flows
- Place adjacent to sensitive areas
- Place at or beyond base of slope
- Place on the same contour
- Trench in 6 inches
- Use multiple rows up the slope
- Use support fence if necessary
- DO NOT place in streams or ditches
- MAINTAIN - remove accumulated sediment
- Remove after site is permanently stabilized

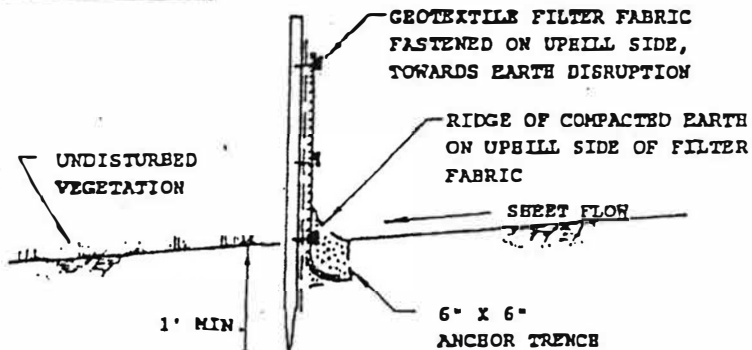
SILT FENCE



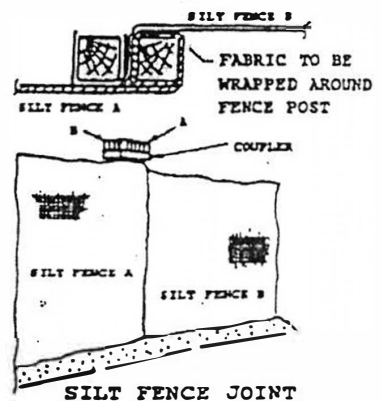
PLAN VIEW



FRONT VIEW



SECTION A-A



SECTION B-B