

Alpena County
Erosion Control Permit Application Content

Assurance of Compliance Bond

At the discretion of the County Enforcing Agent.

Refund Policy

Permit fees and site evaluations, for sites that are determined by the inspector not to need a permit, are 100% refundable. If a request to cancel the permit is received prior to the first site inspection, the permit fees are 100% refundable. If a request to cancel the permit is received after the first site inspection, the permit fees are 50% refundable. Refunds are mailed after the first Thursday of the month.

Legal Action

Failure to obtain an earth change permit prior to construction constitutes a civil infraction subject to a fine of \$2,500.00. This requires work stoppage until litigation is completed. In lieu of civil action, the Alpena County Board of Commissioners has sanctioned the right of the enforcing officer to **DOUBLE THE PERMIT FEES** where activities have started without a permit.

Permit Procedures

In accordance with Part 91 of Act 451 of 1994, and its corresponding general rules, the undersigned herewith makes application for a permit to undertake the proposed earth change. Permit requirements are as follows:

1. **The application must be accompanied by a Soil Erosion Control Plan** and any other documents required by the CEA (County Enforcing Agency).
2. The Soil Erosion Control Plan must be approved by the CEA.
3. Commercial Projects must include the following with the site plan:
 - a) Blueprints or detailed drawings, with a description of the physical limits of earth change.
 - b) A description and location of all existing and proposed on-site drainage facilities
 - c) A description and location of all existing and proposed erosion control measures.
 - d) Hydrologic documentation based on a 10 year, 24 hours frequency storm.
 - I. Both pre and post-development peak discharge must be documented.
 - II. Peak outflow runoff discharge must be an non erosive velocities.
4. Commercial projects that require critical erosion control measures or that require stabilization measures involving expenditures of more than \$750.00 will require a surety bond posted with the CEA by the owner of the property and a corporate surety agency.
5. A State prescribed permit will be issued and may include special restrictions required by the CEA. **All permits must be available on site for inspection.**

I, _____, the land owner agree 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

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	\$42.80	\$101.65	\$144.45
Disturbance of ½ mile	\$42.80	\$133.75	\$176.55
Each additional ½ mile or fraction thereof	\$21.40	\$ 32.10	\$ 53.50

Industrial/Commercial Development

Up to one acre	\$80.25	\$101.65	\$181.90
Disturbance of one acre	\$80.25	\$133.75	\$214.00
Each additional acre or fraction thereof	\$40.66	\$ 32.10	\$ 72.76

Commercial projects, greater than five acres, 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.

0-3 feet wide disturbance	\$ 0.01	\$ 0.01	\$ 0.02
4-10 feet wide disturbance	\$ 0.02	\$ 0.02	\$ 0.04
>10 feet wide disturbance	\$ 0.04	\$ 0.04	\$ 0.08

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	\$133.75	\$37.45 x 5	\$321.00
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Waterway Impoundment Construction or Improvements

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

Up to one acre	\$ 42.80	\$101.65	\$144.45
Disturbance of one acre	\$ 42.80	\$133.75	\$176.55
Additional acre or fraction thereof	\$ 21.40	\$ 32.10	\$ 53.50

Septic Systems

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

Septic System	\$ 10.70	\$ 16.05	\$ 26.75
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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.

Up to one acre	\$ 26.75	\$ 53.50	\$ 80.25
Disturbance of one acre	\$ 26.75	\$ 80.25	\$107.00
Each additional acre or fraction thereof	\$ 13.91	\$ 32.10	\$ 46.01

* Additional Site Inspections for any permit, beyond three, will be charged at a rate of \$26.75 per visit and will be billed to the landowner at the expiration of the permit.

Alpena County Soil Erosion
 720 W. Chisholm
 Alpena, Michigan 49707
 (989) 354-9870

**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	Landowner	Designated Agent	
Address			
City	State	Zip Code	Area Code/Telephone Number

2. LOCATION

Section	Town	Range	Lot Nos.	Township	Subdivision
City/Village		County		Street Address	

3. PROPOSED EARTH CHANGE

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

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)

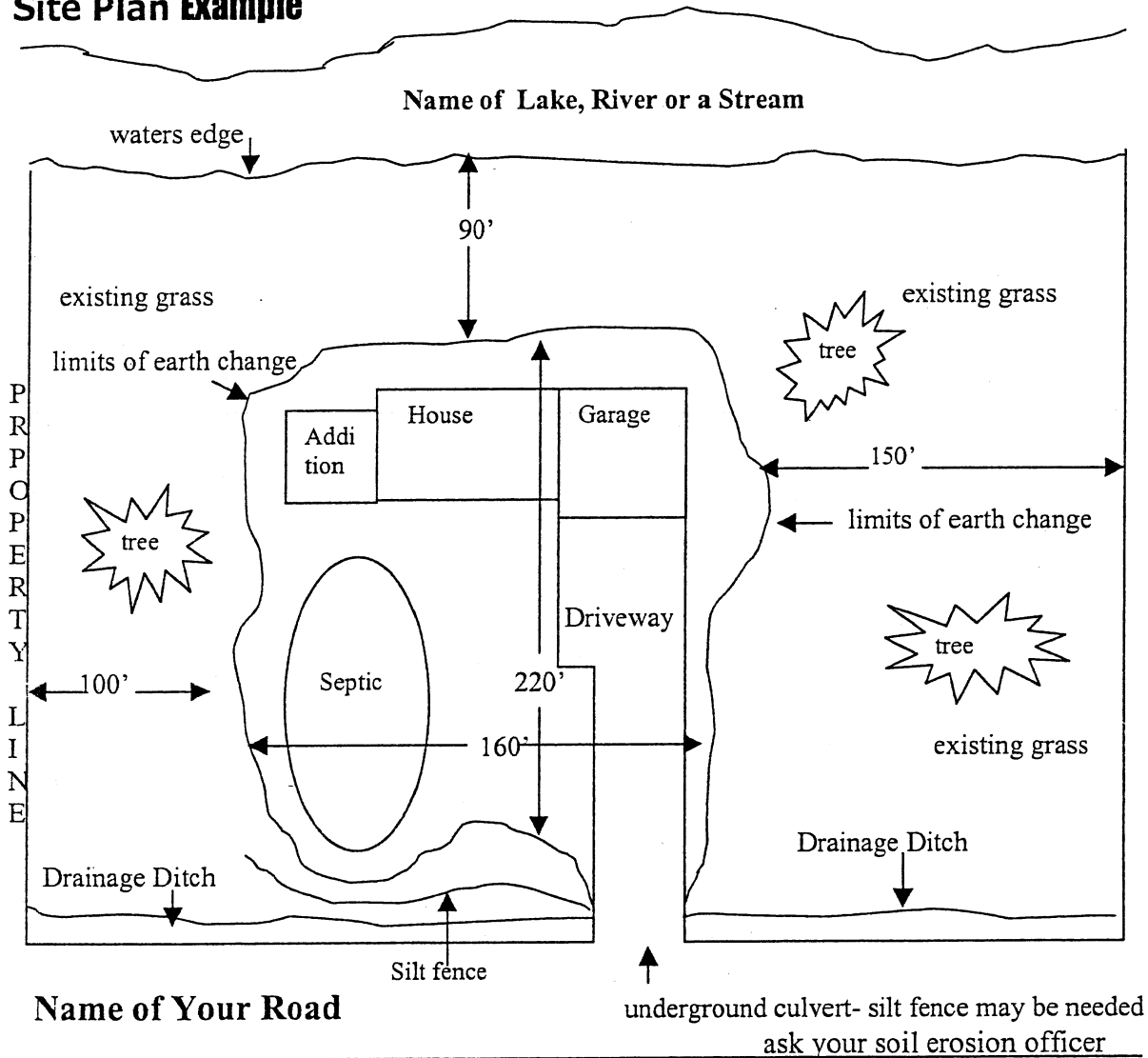
Amount Required \$ _____	Cash	Certified Check	Irrevocable Letter of Credit	Surety Bond
Name of Surety Company				
Address	City	State	Zip Code	Area Code/Telephone No.

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.

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 _____

Signature _____

General Earth Change Requirements

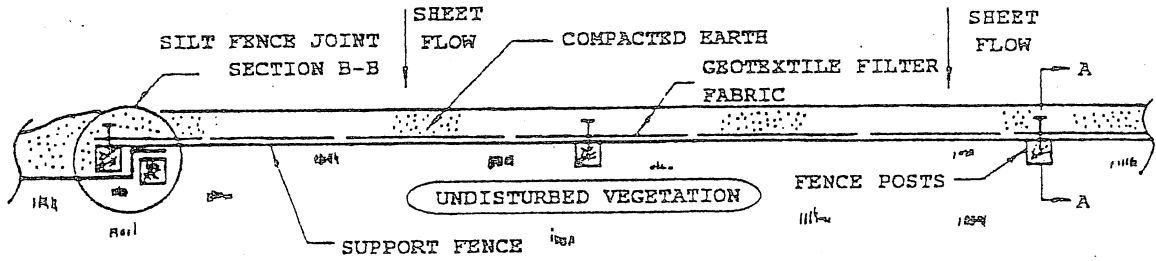
A person shall:

- 1) conduct earth changes in a manner that will effectively reduce accelerated erosion resulting in sedimentation.
- 2) plan, implement and maintain acceptable soil erosion and sedimentation control measures in conformance with part 91.
- 3) design, construct, and complete earth change in a manner that limits the exposed area for the shortest possible time.
- 4) remove sediment caused by accelerated soil erosion from runoff water before it leaves the site of an earth change.
- 5) install temporary erosion and sedimentation control measures before or upon commencement of the earth change activity and shall maintain measures on a daily basis. These measures shall only be removed after permanent measures are in place and the area is stabilized.
- 6) make the site plan available for inspection at all times at the site of an earth change.
- 7) complete permanent control measures for all slopes, channels, ditches, or any disturbed land area within 5 calendar days after final grading.
- 8) contact the Alpena County Soil Erosion Office upon the decision to alter the site plans, prior to making these changes on site.

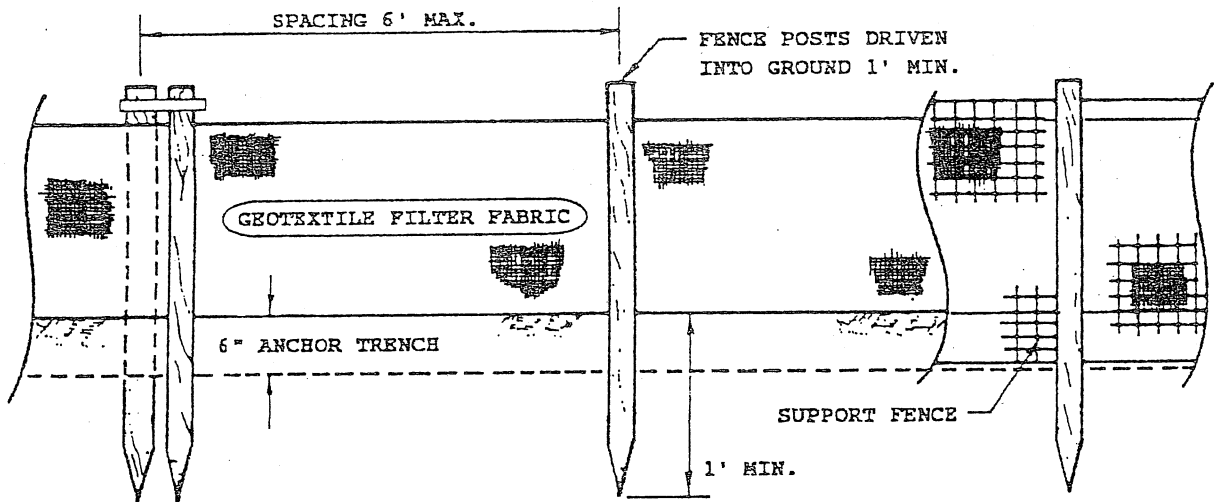
SILT FENCE

- 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

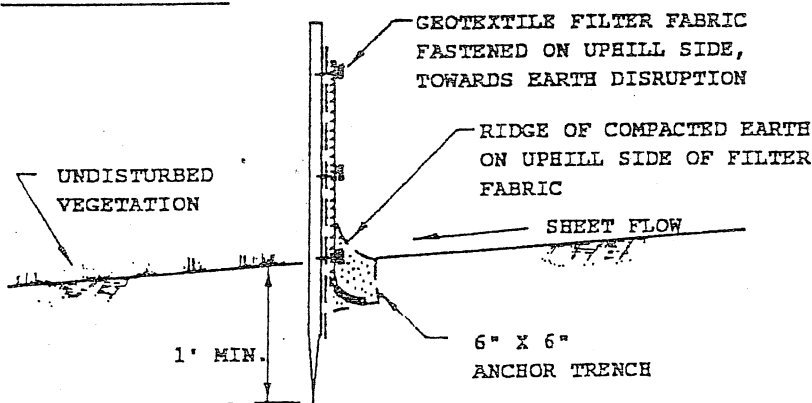
SILT FENCE



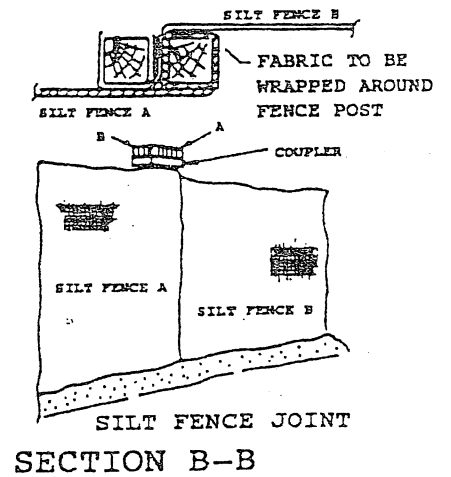
PLAN VIEW



FRONT VIEW



SECTION A-A



SECTION B-B



ALPENA COUNTY DRAIN COMMISSIONER
EROSION AND SEDIMENTATION CONTROL DETAILS

SILT FENCE