The following items are required to apply for a Soil Erosion and Sedimentation Control permit for a
construction project in Chippewa County:

**Permit Application**
- A “Permit Application for Part 91, Soil Erosion and Sedimentation Control”. (See page 2)

**Map that provides clear directions to project site.**
- Please provide a scaled drawing with directions to the project site from Sault Ste. Marie (See page 3).
  The Conservation District office can provide a photocopy of your section. You can mark your location
  on the map.

**Soil Erosion and Sedimentation Control Plan**
The SESC plan requires basic information about the proposed project and site (See page 4):
- Property boundaries, road location, water body location, elevation and building location information
- Physical limits of the proposed earth change of your project
- Location of all proposed temporary and permanent control measures. A list of potential erosion
  control and sedimentation control measures is provided on page 5.

**Project Schedule**
- A description of the timing and sequencing of the earth change activities and implementation of the
  SESC measures. (See page 6)
- Provide a written description of your proposed maintenance plan for all permanent SESC measures
  for your project site.

**Permit Fee**
A permit fee is required (See page 7). The fees are based on the type and size of construction project.

**Contact the Chippewa Luce Mackinac Conservation District for the following:**
- Soils Map. The Conservation District will provide a copy of the soils map for your area. It is important
  to evaluate the soils of the site early in the process. For example, if the project is located in a wetland
  area, a DEQ (Part 303) permit may be required.
- Plat Book maps.
- Topographic map of your project area.

To speed up the review process, we recommend that you take care to develop a thorough plan to
address potential erosion problems associated with your project. When information on the application is
complete and accurate, a permit — with appropriate conditions — is issued within 30 days.

**Submit your application, SESC Plan, Project Schedule, and permit fee to:**
Chippewa Luce Mackinac Conservation District
2847 Ashmun Street
Sault Ste. Marie, Michigan 49783
Phone: 906-635-1278
Fax: 1-855-813-7692
PERMIT APPLICATION  
for Part 91  
SOIL EROSION AND  
SEDIMENTATION CONTROL

1. APPLICANT (Please check if applicant is the landowner or designated agent*)

<table>
<thead>
<tr>
<th>Name</th>
<th>☐ Landowner</th>
<th>☐ Designated Agent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>State</td>
<td>Zip Code</td>
</tr>
</tbody>
</table>

2. LOCATION

<table>
<thead>
<tr>
<th>Section</th>
<th>Town</th>
<th>Range</th>
<th>Township</th>
<th>City/Village</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subdivision</td>
<td>Lot No.</td>
<td>Property Tax ID Number</td>
<td>Street Address</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. PROPOSED EARTH CHANGE

<table>
<thead>
<tr>
<th>Project Type: ☐ Residential ☐ Multi-family ☐ Commercial ☐ Industrial ☐ Land Balancing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe Project</td>
</tr>
<tr>
<td>Size of Earth Change (acres or square feet)</td>
</tr>
<tr>
<td>Name of and Distance to Nearest Lake, Stream, or Drain</td>
</tr>
<tr>
<td>Date Project to Start</td>
</tr>
<tr>
<td>Date Project to be Completed</td>
</tr>
</tbody>
</table>

4. SOIL EROSION AND SEDIMENTATION CONTROL PLAN (Refer to Rule 323.1703)

<table>
<thead>
<tr>
<th>Note: complete sets of plans must be attached.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Cost of Erosion and Sediment Control</td>
</tr>
<tr>
<td>Plan Preparer’s Name and Telephone Number</td>
</tr>
<tr>
<td>Area Code</td>
</tr>
</tbody>
</table>

5. PARTIES RESPONSIBLE FOR EARTH CHANGE

<table>
<thead>
<tr>
<th>Name of Landowner (if not provided in Box No. 1 above)</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td>State</td>
</tr>
<tr>
<td>Name of Individual “On Site” Responsible for Earth Change</td>
<td>Company Name</td>
</tr>
<tr>
<td>Address</td>
<td>City</td>
</tr>
</tbody>
</table>

6. PERFORMANCE DEPOSIT (If required by the permitting agency)

<table>
<thead>
<tr>
<th>Amount Required $</th>
<th>☐ Cash ☐ Certified Check ☐ Irrevocable Letter of Credit ☐ Surety Bond</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Surety Company</td>
<td>Address</td>
</tr>
<tr>
<td>City</td>
<td>State</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Landowner’s Signature</th>
<th>Print Name</th>
<th>Date</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Designated Agent’s Signature*</th>
<th>Print Name</th>
<th>Date</th>
</tr>
</thead>
</table>

* Designated agent must have a written statement from landowner authorizing him/her to secure a permit in the landowner’s name.
Map

- Draw or provide a scaled map with directions to the location of the project site.
- Suggestion: Plat maps are available at the Conservation District office in Sault Ste. Marie
### SESC Plan Checklist

<table>
<thead>
<tr>
<th>Property boundaries</th>
<th>Elevation changes on property (slope)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road and road name</td>
<td>Physical limits of proposed earth change</td>
</tr>
<tr>
<td>Location of water body, drainage</td>
<td>Indicate buffer areas that will not be affected by construction activity</td>
</tr>
<tr>
<td>Location of driveway</td>
<td>Indicate where stock piles of soil may be stored during construction</td>
</tr>
<tr>
<td>Existing vegetation</td>
<td>Draw in proposed permanent and temporary soil erosion and sediment control measures</td>
</tr>
<tr>
<td>Existing buildings</td>
<td>Proposed buildings</td>
</tr>
</tbody>
</table>
Soil Erosion and Sedimentation Control
Suggested Control Measures for Residential Projects

Erosion and sedimentation are two separate, but inter-related processes. Both processes cause different types of environmental damage and require different control measures to minimize the impacts.

Erosion Control Measures
Erosion is the process by which the land surface is worn away by the action of wind, water, ice, or gravity. Erosion is accelerated during and after construction. For this reason, you need to implement control measures that reduce or eliminate erosion at your construction site. Some suggestions for you to consider in your SESC plan are:

1. **Scheduling project activities** — Implement all control measures in a timely and logical fashion. If possible, plan phases of your earth work so that only areas actively under construction are exposed.

2. **Seed and mulch areas with no vegetative cover** — After you’ve moved earth around your project area, establish a quick-growing temporary grass cover. Mulch (straw) should always be placed on bare soil to protect it from rain or wind, whether or not it has been seeded.

3. **Preserve vegetative buffers** — This is a highly recommended control measure. Preserve vegetated buffer areas above and below the graded area. This will help to slow run-off and filter some of the sediment before it leaves the site.

4. **Surface roughening**. If you have a significant slope in your work area, you can roughen the slope with a drag, cultivator, or by back-blading perpendicular to the slope. This will help slow run-off and it will make the soil surface more suitable for holding seed and moisture.

5. **Stabilizing ditches and areas of concentrated water flow**. For erosion control options that can be implemented in concentrated flow areas, contact the Conservation District.

Sedimentation Control Measures
Sedimentation is the process whereby detached particles generated by erosion are deposited elsewhere on the land or in our lakes, streams, and wetlands. Some suggestions for sediment control for you to consider in your SESC plan are:

1. **Filter strips** — Establish vegetative cover before grading the site. Filter strips are very effective in trapping or filtering sediment from runoff below a construction site. It is recommended that filter strips be a minimum of 20-25 feet of dense grass. No vehicles or construction should be allowed within a filter strip.

2. **Perimeter barriers** - Silt fence and straw bales are commonly used along the perimeter of small graded sites. Silt fences are far superior to straw bales because they are easier to install, longer lasting, and more effective. Silt fence must be installed correctly and trenched in a minimum of six inches. Install silt fence on the same elevation contour across the slope. Effectiveness of silt fencing can be increased by placing it beyond the toe of the slope. This will enhance sediment deposition by allowing more area for the water to pond.

3. **Other sediment control measures** — Details and specifications for other measures such as rock construction exits, diversions, sedimentation basins, etc. are available at the Conservation District office in Sault Ste. Marie.
CONSTRUCTION AND SESC MEASURE INSTALLATION SCHEDULE

Project Beginning Date: ________________ Ending Date: ________________

Identify Earth Change Limits: Date: ________________

Protect Buffer Areas: Date: ________________

Install Temporary SESC Measures such as:

a. Perimeter Silt Fence: Date: ________________

b. __________________________ Date: ________________

Strip and Protect Topsoil: Date: ________________

Rough Grade: Date: ________________

Excavate and Construct Footings: Date: ________________

Construct Superstructure: Date: ________________

Final Grade: Date: ________________

Spread Topsoil, Seed and Mulch or Sod: Date: ________________

Install Permanent SESC Measures, such as:

a. ______________________________ Date: ________________

b. ______________________________ Date: ________________

Remove Temporary SESC Measures: (After site is stabilized) Date: ________________

Provide a written description of your proposed maintenance plan for all permanent SESC measures for your project site.

___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________

6
# Soil Erosion and Sedimentation Control Fee Schedule

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Project Size</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Industrial, commercial, shopping centers, complexes, manufacturing, dredging excavation</td>
<td>One acre Each additional acre or fraction there-of</td>
<td>$300 $100</td>
</tr>
<tr>
<td>2. Residential construction (Includes new home, additions, garages, outbuildings, new septic systems, replacement septic systems, breakwalls, ramps, etc.)</td>
<td>Basic permit</td>
<td>$150</td>
</tr>
<tr>
<td>3. Transportation facilities, highways, railroads, airports, streets, trails</td>
<td>Up to 50 miles Each additional mile or fraction there-of</td>
<td>$300 $100</td>
</tr>
<tr>
<td>4. Utilities</td>
<td>Up to 50 miles Each additional mile or fraction there-of</td>
<td>$300 $100</td>
</tr>
<tr>
<td>5. Water impoundments, ponds and lakes</td>
<td>Up to one acre Each additional acre or fraction there-of</td>
<td>$300 $100</td>
</tr>
</tbody>
</table>

**Note:** If a follow-up trip is required due to non-compliance with the provisions of the permit, a fee will be assessed.

**Permit Fee**

Permit Fee: _____________  Check Number: _____________

**Payment**

Make check payable to: CLMCD

Mail the completed application form, SESC Plan, Project Schedule, and payment to:

Chippewa Luce Mackinac Conservation District  
2847 Ashmun Street  
Sault Ste. Marie, Michigan 49783
Soil Erosion and Sedimentation Control
Permit Application Review, Issuance and Follow-up

The landowner or designated agent submits completed application form, SESC plans (per Rule 1703) and appropriate fees.

The Conservation District office reviews the application and SESC plans for completeness. A site visit may be necessary before the permit is issued. For complex projects, there may be a meeting(s) with the applicant or their representative. Based on assessment of the SESC plan, the Conservation District may require additional information or modification to plans.

When the information on the application is complete and accurate, a permit — with appropriate conditions — is issued within 30 days.

A copy of the approved SESC plan becomes an attachment to the permit and must be available with the permit at the site of the project. The permit must be posted with other permits at the construction site.

Site Inspections
Conservation District personnel will visit the site:

- Immediately (or very soon) after the earth change commences to confirm that permit conditions are understood and being followed.

- As appropriate during the life of the project.

- When a follow-up trip is required due to non-compliance with the provisions of the permit. A fee will be assessed.

- Before closing a permit or at the expiration date. If the site is not stabilized, the permit must be extended or a new permit issued.

Close Out of Project
Upon completion of the project, Conservation District personnel will visit the site to ensure that the site is stabilized and all permanent SESC control measures are in place. A letter will be sent to the landowner when the project is considered closed by the Conservation District.