





# Land Alteration

## WORKSHEET St. Louis County, Minnesota

**About:** Filling, grading, or excavating on shoreland property requires a land alteration permit if the activity that you are planning exceeds certain limits.

### ALTERATION PROPOSAL

Describe the proposed alteration:

What is the reason or need for the alteration?

### MATERIAL REMOVAL (List the type and number of trees and shrubs to be removed)

Tree(s)		Shrub(s)	
Type	Number	Type	Number
Total Amount of Excavation? <span style="float: right;">Cubic Yards</span>		Total Area to be Graded? <span style="float: right;">Square Feet</span>	

Existing Soil Type(s)? (E.g. Gravel, sand, clay, etc)

Nature of Material (Fill) Added to Site (E.g. Gravel, sand, clay, etc)

Total Amount of Fill? Cubic Yards

Type of Clearing Used? (Check all that apply.)

Mechanical Clearing    Hand Clearing

Please explain:

### EROSION CONTROL PRACTICES

Indicate the following erosion control measures that will be used (before, during and after) as part of your project? (Check all that apply.)

- Silt Fencing                       Earthen Diversion (Trench)  
 Native Seeding and Mulching    Infiltration Basin (Rain Garden)  
 Tree Planting                       Other

Please describe how you intend to implement this plan? (Attach additional sheets, if necessary)

**AUTHORIZING AGENCIES**

Have you received authorization from the following agencies for this land alteration project?	Yes	No	Pending
Minnesota Board of Water & Soil Resources (BWSR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US Army Corps of Engineers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minnesota Department of Natural Resources (MN DNR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minnesota Pollution Control Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**ADDITIONAL REQUIRED INFORMATION & ATTACHMENTS**

- Photo documentation of alteration site, including at the shoreline.
- Cross section or profile of area to be altered or excavated. The cross section or profile must include, but is not limited to the following information:
  - Cut area for excavation
  - Fill area
  - Range of steepness and length
  - Limits of disturbance area/Total area of disturbance
  - Plans to minimize runoff
  - Type and location of erosion control products to be used to minimize runoff
- Site sketch. The site sketch must include, but is not limited to the following information:
  - Type and location of erosion control products.
  - Existing type and location of vegetation (trees, shrubs, etc.)
  - Type and location of vegetation to be removed
  - Shoreline setback to disturbance area
- Picture or video documentation of phases of construction. (This may result in site visits by County staff prior to construction, during construction and post construction.)

**CONTACT: Planning and Community Development Department****Technical Assistance**

Toll Free: 1-800-450-9777

Land Use Information

[www.stlouiscountymn.gov/landuse](http://www.stlouiscountymn.gov/landuse)**Duluth**

Government Services Center  
 320 West 2<sup>nd</sup> Street, Suite 301  
 Duluth, MN 55802  
 (218) 725-5000

**Virginia**

Government Services Center  
 201 South 3<sup>rd</sup> Avenue West  
 Virginia, MN 55792  
 (218) 749-7103

**Office Use Only**

Receipt # \_\_\_\_\_

Receipt Date \_\_\_\_\_

Payment Amount \_\_\_\_\_

Paid By \_\_\_\_\_

# Land Alteration Site Sketch Form

The Sketch is to graphically illustrate your proposed project(s)

## Draw and Label on Sketch (in feet)

- All Structures on the Property and Dimensions
- All Driveways, Access Roads, and Wetlands
- Proposed Structures and Dimensions
- Location and Size of Alteration
- Location of Erosion Control Measures
- Location of Disposal, if done on site

- Distance of Alteration to Shoreline (Closest Point)
- Distance of Alteration to Wetlands
- Distance of Proposed Structures to Septic System and Tank
- Distance of Alteration to Property Lines
- Distance of Proposed Structures to Road Centerline
- Distance of Proposed Structures to Road Right-of-Ways

You may submit your own site sketch **IF it has the required information indicated above.**

