

Village of Waunakee

Erosion Control Permit Application

Property Information

Project Name: _____
Municipality: _____
Parcel Number(s): _____

Landowner Information

Company: _____
Name(s): _____
Mailing Address: _____

Phone Number: _____ Email: _____

Applicant Information

Name and Company: _____
Mailing Address: _____

Phone Number: _____ Email: _____

Plan Preparer Information

Name and Company: _____
Phone Number: _____ Email: _____

Contractor Information (If Known)

Name and Company: _____

Phone Number: _____ Email: _____

Fee Calculation

Base Fee: \$ 950

Disturbed Area (ft²): _____ x \$0.03/ft² = \$ _____

Total Fees = \$ _____

Permit Conditions and Signature

All requirements in this application are set forth in Chapter 109 of the Village of Waunakee Code of Ordinances.

By submitting this application, the landowner permits Dane County and Village of Waunakee staff to enter project property for inspection and/or curative action.

I'm the landowner or have been authorized via the included authorization form to act on behalf of the owner as applicant. I understand that by signing and submitting this application I'm bound by the requirements of the County's erosion control ordinance and accept responsibility for implementation of the plan and requirements included with this application.

Applicant Signature: _____ Date: _____

This application must be submitted with payment to:

**Waunakee Engineering Dept.,
500 W Main St, Waunakee, WI 53597**

A copy of this application must also be submitted to

**Elliot Mergen, P.E.
Dane County Conservation Engineer
5201 Fen Oak Drive #208
Madison, WI 53718
(608) 516-8038**

Mergen.Elliott@countyofdane.com

Erosion Control Application Checklist

Project Name: _____

Applications must include the following materials. The erosion control plan must be designed to meet all standards and requirements presented on the following page.

Plan Materials	Specific Location of Information
1. Narrative describing proposed development	
2. Site plan with scale that includes: property lines, limits of disturbance, land cover limits (existing and proposed), natural and artificial water features, 100-yr flood plain, delineated wetland boundaries, location of all erosion control practices	
3. Construction details of erosion control practices	
4. Contours (existing and proposed) Note: Grading within 5' of the property line requires department approval	
5. Site watershed map (including runoff draining to site)	
6. Culvert sizes (existing and proposed)	
7. Cross sections and profiles of conveyance features (existing and proposed)	
8. Direction of runoff flow from impervious surfaces	
9. Design calculations of conveyance features (velocity and capacity calculations)	
10. Universal soil loss (USLE) calculations (corresponding to construction schedule)	
11. Site stabilization materials and methods	
Permit Application Materials	_____
12. Detailed construction schedule	
13. Copies of completed applications or approved permits from other regulatory bodies	
14. Itemized cost estimate of erosion control plan implementation (Financial security instrument required if over \$5,000)	

Erosion Control Standards and Requirements

Erosion control performance standards

Proposed design and implementation of erosion control measures shall be designed to:

1. Prevent gully and bank erosion.
2. Limit off-site soil loss to an annual cumulative rate of 5.0 tons sediment yield per acre. This standard does not apply to erosion that occurs within the site.
3. Provide stable outlet capable of carrying discharge flow at a non-erosive velocity. Outlet design must consider flow capacity and flow duration. This requirement applies to both the site outlet and the ultimate outlet to stormwater conveyance or waterbody.

Erosion control practices

Erosion control practices shall be used to prevent or reduce all of the following:

1. The deposition of soil from being tracked onto streets by vehicles.
2. The discharge of sediment from disturbed areas into storm sewers.
3. The discharge of sediment from disturbed areas into adjacent waterways.
4. The discharge of sediment from drainage ways that flow off the site.
5. The discharge of sediment by dewatering activities.
6. The discharge of sediment eroding from soil stockpiles existing for more than 7 days.
7. The transport by runoff of chemicals, cement and other building compounds and materials on the construction site during the construction period.

Implementation

Erosion control practices shall be implemented as follows:

1. Erosion and sediment control practices shall be constructed or installed before land disturbing construction activities begin.
2. Erosion and sediment control practices shall be maintained until final stabilization.
3. Final stabilization activity shall commence when land disturbing activities cease and final grade has been reached on any portion of the site.
4. Temporary stabilization activity shall commence when land disturbing construction activities have temporarily ceased and will not resume for a period exceeding 14 calendar days on any portion of the site.
5. Practices that are no longer necessary for erosion and sediment control shall be removed.