

Standard Erosion Control Plan for 1 & 2 Family Dwelling Construction Sites

Comm. Chapters 20 & 21 of the Wisconsin Uniform Dwelling code require a soil erosion control plan needs to be submitted and approved prior to the issuance of building permits for 1 & 2 family dwelling units in those jurisdictions where the soil erosion control provisions of the Uniform Dwelling code are enforced. This Standard Erosion Control Plan is provided to assist in meeting this requirement.

Building inspectors have authority to request erosion control measures not specifically required by Code when such measures are deemed necessary to meet the Code's overall performance standard for keeping soil on site.

Applicant:

Name

Daytime phone #

Street address, city, zip code

Landowner:

Name

Daytime phone #

Street address, city, zip code

Location of the building site (complete as appropriate)

Lot _____, Subdivision _____

Project Address**Instructions:**

1. Complete this plan by filling in requested information, marking (**X**) appropriate boxes, and completing the site diagram.
2. In completing the site diagram, give consideration to potential erosion that may occur before, during, and after grading. Water runoff patterns can change significantly as a site is reshaped.
3. Submit this plan at the time of building permit application.

Check (X) the appropriate boxes below, and complete the site diagram with necessary information.

Completed
Not Applicable

Site Characteristics

- ☐ ☐ North arrow, scale, and site boundary. Indicate and name adjacent streets or roadways.
- ☐ ☐ Location of existing drainage ways, streams, rivers, lakes, wetlands or wells.
- ☐ ☐ Location of storm sewer inlets
- ☐ ☐ The gradient and direction of slopes before grading operations.
- ☐ ☐ The gradient and direction of slopes after final grading operations.
- ☐ ☐ Location of existing and proposed buildings and paved areas.
- ☐ ☐ Overland runoff (sheet flow) coming onto the site from adjacent areas.

Erosion Control Practices

- ☐ ☐ Location of temporary soil storage piles

Note: although not specifically required by code, it is recommended that soil storage piles be placed behind a sediment fence or more than 25 feet from any down slope road or drainage way.

- ☐ ☐ Location of gravel access drive(s).

Note: Recommended gravel drive design is 2 to 3 inch aggregate stone laid at least 7 feet wide and 6 inches thick. Drives should extend from the roadway 50 feet or to the house foundation (whichever is less).

- ☐ ☐ Location of sediment fences (filter fabric fence, straw bale fence) or vegetative strips that will prevent eroded soil from leaving the site.

- ☐ ☐ Location of sediment barriers around on-site storm sewer inlets.

- ☐ ☐ Location of diversions, Practices applied to control erosion on steep slopes, and/or concentrated runoff

Note: Although not specifically required by Code, it is recommended that concentrated flow (drainage ways) be diverted (re-directed) around disturbed areas. Overland runoff (sheet flow) from adjacent areas greater than 10,000 sq ft should also be diverted around disturbed areas.

Site Plan

Site Diagram Legend

← - - Existing Drainage

← Finished Drainage

●-●-●-● Silt Fence

 Gravel

 Stock Pile Soil

 Vegetation area

Required Erosion Control Measures Per Comm 21.125

Temporary Stabilization of disturbed areas. Perimeter erosion control measures shall be placed within 24 hours after beginning the excavating

Permanent stabilization of the site. Sod, Seed, and tackifier, netting or matting for 12% slope or greater

Trapping sediment during dewatering operations.

Proper disposal of building material waste.

On- Site public sewer inlet protection

Maintenance of Sediment Barriers

Sediment build up will be removed before it reaches 1/2 the height of the barrier

Breaks and gaps in the sediment barrier will be repaired immediately. Decomposing straw bales replaced

Sediment in the street and sidewalk due to construction activity will be removed before the end of that work day.

All sediment moved off site due to storm events will be cleaned up before the end of the next workday

Gravel access drives will be maintained throughout construction.

All erosion control practices will be maintained until the disturbed areas protected are stabilized.

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Agreement:

I hereby certify that I understand the construction site erosion control provisions of the Wisconsin Uniform Dwelling Code, and that I accept responsibility for carrying out the above erosion control plan and management strategies, and failure to comply with the code or failure to clean up construction or storm tracking can result in citations or prosecution.

Signature of Applicant _____ **Date** _____

Print Applicant Name _____