



## Erosion Control and Stormwater Management Application

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Landowner: \_\_\_\_\_

Applicant: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Email: \_\_\_\_\_

Type of Permit (check 1):

- |  |  |
|--|--|
| <input type="checkbox"/> Erosion Control Only          | <input type="checkbox"/> Erosion Control & Stormwater Mgmt |
| <input type="checkbox"/> Stormwater Management Only    | <input type="checkbox"/> Redevelopment                     |
| <input type="checkbox"/> Filling & Grading (Shoreland) | <input type="checkbox"/> Uniform Dwelling Code (UDC)       |

Notes:

1. Be sure to indicate the limits of disturbed and impervious area on your plan.
2. All requirements on this checklist correspond to the requirements set forth in Chapter 109 of the Village of Waunakee Code of Ordinances.
3. By submitting this application, permittee and landowner permit the Village of Waunakee Director of Public Works enter project property for inspection or curative action per Sec.109-98 (e)(7) Waunakee Code of Ordinances).

Landowner/Applicant Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Village Reviewed By: \_\_\_\_\_

Date: \_\_\_\_\_

Permit Issued By: \_\_\_\_\_

Date: \_\_\_\_\_

## VILLAGE OF WAUNAKEE EROSION CONTROL PLAN – SIMPLIFIED CHECKLIST

**THIS FORM MAY BE USED FOR ONLY THE FOLLOWING: (CHECK ONE)**

\_\_\_\_\_ Land disturbing activities administered by Village of Waunakee under the Wisconsin Uniform Dwelling Code (UDC)

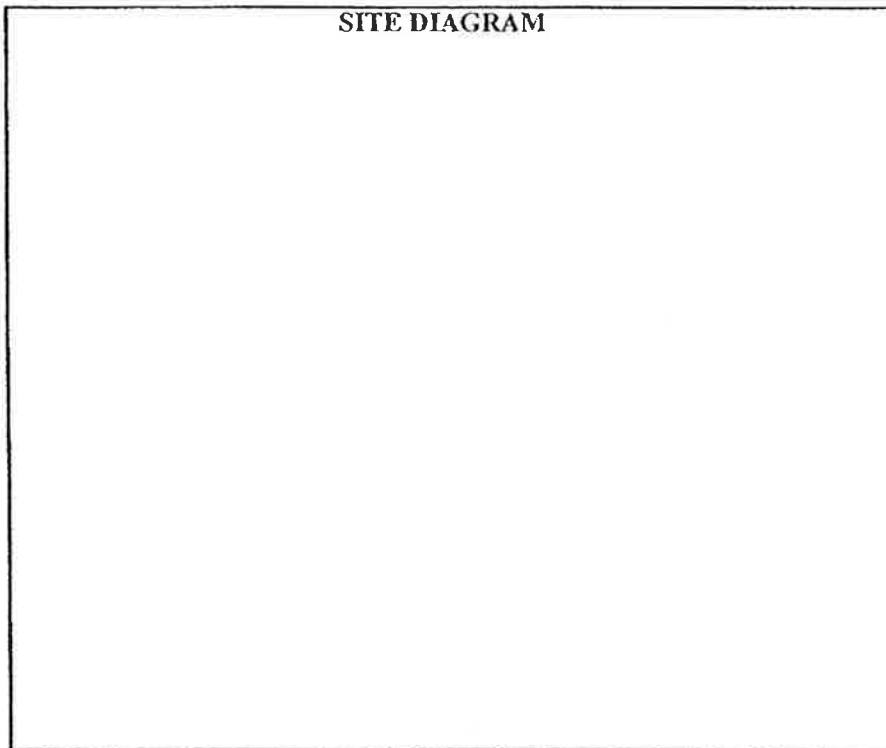
\_\_\_\_\_ Land disturbing activities administered by Village of Waunakee erosion control ordinance whenever **all three** of the following conditions exist\*:

- (A) The land disturbance is not more than 20,000 square feet in area.
- (B) The land disturbance is not adjacent to and does not drain directly into any sensitive areas nearby, such as streams, lakes, or wetlands.
- (C) The slope throughout the land disturbance is not more than 6% (6ft. vertical to 100 ft. horizontal).

(\*Note: A specific erosion control plan is required if the above conditions do not exist. Refer to section 18-332 of the Village of Waunakee Erosion Control Ordinance)

**Instructions:**

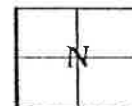
1. Complete this plan by filling in the requested information on the inside of this form and the site diagram on this page.
2. Submit this plan at the time of permit application.
3. In completing this form, give consideration to minimizing the disturbed area, prompt seeding, and proper planning of water runoff patterns throughout all stages of development.



**PLAN LEGEND  
EROSION CONTROL**

- Property Line
- T T T T Limits of Grading
- - - -> Existing Drainage
- > Finished Drainage
- > TD Temporary Diversion
- □ □ □ Straw Bales
- ~~~~~ Silt Fence
- ▒ Gravel Access
- soil seed Vegetation
- Existing Storm Sewer Inlet (or Culvert)
- Planned Storm Sewer Inlet (or Culvert)
- Stockpiled Soil

Representative soil type of the disturbed area on the site: \_\_\_\_\_  
(i.e. Sandy, silt loam, clay)



Please indicate north by inserting arrow on drawing to left.

PROJECT \_\_\_\_\_  
LOCATION \_\_\_\_\_ (Address) \_\_\_\_\_ (City) \_\_\_\_\_ (Twp.) \_\_\_\_\_ (section)

BUILDER \_\_\_\_\_ (Name) \_\_\_\_\_ (Phone No.)

OWNER \_\_\_\_\_ (Name) \_\_\_\_\_ (Phone No.)

WORKSHEET COMPLETED BY: \_\_\_\_\_ DATE \_\_\_\_\_

## Stormwater Management Application Checklist

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Please check the appropriate box: I=Included NA=Non-Applicable (requires explanation)				
	<b>Plan Requirement</b>	<b>I</b>	<b>NA</b>	<b>Explanation/Location in Plan</b>
1.	A narrative describing the proposed project, including implementation schedule for planned practices			
2.	Identification of the entity responsible for long-term maintenance of the project, and a narrative describing the proposed maintenance activities in perpetuity			
3.	A map showing drainage areas for each watershed area			
4.	A summary of runoff peak flow rate calculations, by watershed area, including:			
	a) Pre-existing flow rates;			
	b) Post-construction peak flow rates with no detention;			
	c) Post-construction peak flow rates with detention;			
	d) Assume runoff curve numbers (RCNs); and			
	e) Time of concentration (Tc) used in calculations			
5.	A complete site plan and specifications, signed by the person who designed the plan. All plans shall be drawn to an easily legible scale, shall be clearly labeled, and shall include, at a minimum, all of the following information:			
	a) The limits and area of the disturbed area;			
	b) The location and area of all proposed impervious surfaces;			
	c) Property lines and lot dimensions;			
	d) All buildings and outdoor uses, existing and proposed, including all dimensions and setbacks;			
	e) All public and private roads, interior roads, driveways and parking lots. Show traffic patterns and type of paving and surfacing material;			
	f) All natural and artificial water features, including, but not limited to, ponds, lakes, streams (including intermittent streams), and ditches. Show ordinary high water marks of all navigable waters, 100-year flood elevations and delineated wetland boundaries, if any. If not available, appropriate flood zone determination or wetland delineation, or both, may be required at the applicant's expense;			

### Stormwater Management Application Checklist

	<b>Plan Requirement</b>	<b>I</b>	<b>NA</b>	<b>Explanation/Location in Plan</b>
	g) Depth to bedrock;			
	h) Depth to seasonal high water table;			
	i) The extent and location of all soil types as described in the county soil survey, slopes exceeding 12 percent, and areas of natural woodland or prairie;			
	j) Existing and proposed elevations (referenced to the North American Vertical Datum of 1988, where available) and existing and proposed contours in the area requiring a permit;			
	k) Elevations, sections, profiles and details as needed to describe all natural and artificial features of the project, including all existing and proposed drainage features;			
	l) Soil erosion control and overland runoff control measures, including runoff calculations as appropriate;			
	m) Detailed construction schedule;			
	n) Copies of permits or permit applications required by any other governmental entities or agencies;			
	o) Any other information necessary to reasonably determine the location, nature and condition of any physical or environmental features;			
	p) Location of all stormwater management measures;			
	q) If required under subsection 109-96(b)(7), a description and plan to control temperature of runoff;			
	r) Covenants and restrictions as required in section 109-100.			
6.	Engineered designs for all structural management practices.			
7.	A description of methods to control oil and grease or written justification for not providing such control.			
8.	If required, a description and plans to control temperature of runoff.			
9.	Covenants and restrictions for all permanent stormwater management practices as recorded with the county register of deeds, as required by section 109-100.			

### Stormwater Management Application Checklist

	<b>Application Requirement</b>	<b>I</b>	<b>NA</b>	<b>Explanation/Location In Plan</b>
1.	Copy of completed application form			
2.	Fee as required by sec. 18-372			
3.	Proposed schedule for completion and installation of all elements of the stormwater management plan.			
4.	Estimated cost of completion and installation of all elements of the stormwater management plan.			
5.	Evidence of financial responsibility to complete work proposed in plan. The director of public works may require a financial guarantee as required by sec. 18-367.4			
6.	Copy of covenants and restrictions for all permanent stormwater management practices as recorded with the DC Register of Deeds, as required by sec. 18-369			

Revised 2017

## Erosion Control Application Checklist

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Please check the appropriate box: I=Included NA=Non-Applicable (requires explanation)				
	<b>Plan Requirement</b>	<b>I</b>	<b>NA</b>	<b>Explanation/Location in Plan</b>
1.	Property lines, lot dimensions, and limits of disturbed area;			
2.	Limits of impervious area, including buildings. Include all public and private roads, interior roads, driveways, parking lots, and indicate type of paving and surfacing material;			
3.	All natural and artificial water features including, but not limited to, lakes, ponds, streams (including intermittent streams), and ditches; and areas of natural woodland or prairie. The plan must show ordinary high-water marks of all navigable waters, 100-year flood elevations and delineated wetland boundaries. A certified flood zone determination and/or wetland delineation may be required at the applicant's expense;			
4.	Cross sections of and profiles of channels, swales, and road ditches;			
5.	Culvert sizes;			
6.	Direction of flow of runoff;			
7.	Watershed size for each drainage area;			
8.	Design discharge for ditches and structural measures;			
9.	Runoff velocities;			
10.	Fertilizer and seeding rates and recommendations;			
11.	Time schedules for stabilization of ditches and slopes;			
12.	Description of methods by which sites are to be developed and a detailed land disturbance schedule including time schedules for stabilization of ditches and slopes;			
13.	Provision for sequential steps mitigating erosive effect of land disturbing activities to be followed in appropriate order and in a manner consistent with accepted erosion control methodology suitable to proposed sites and amenable to prompt revegetation, including runoff calculations as appropriate;			
14.	Provisions to prevent mud-tracking off-site onto public thoroughfares during the construction period;			
15.	Provisions to disconnect impervious surfaces, where feasible;			
16.	Provisions to prevent sediment delivery to, and accumulation in, any proposed or existing stormwater conveyance systems;			
17.	Copies of permits or permit applications required by any other unit or government or agency;			
18.	Existing and proposed elevations (referenced to the National Geodetic Vertical Datum of 1929) and existing and proposed contours in the area, where deemed necessary;			
19.	Any other information necessary to reasonably determine the location, nature and condition of any physical or environmental features of the site.			

### Erosion Control Application Checklist

Please check the appropriate box: I=Included NA=Non-Applicable (requires explanation)				
	<b>Application Requirement</b>	<b>I</b>	<b>NA</b>	<b>Explanation/Location in Plan</b>
1.	Copy complete application form.			
2.	Copies of permits or approvals by other agencies.			
3.	Proposed schedule for completion and installation of all elements of the erosion control plan.			
4.	Estimated cost of completion and installation of all elements of the erosion control plan.			

15-11

VILLAGE OF WAUNAKEE

AMENDMENT TO CHAPTER 18  
OF THE CODE OF ORDINANCES,  
VILLAGE OF WAUNAKEE, WISCONSIN

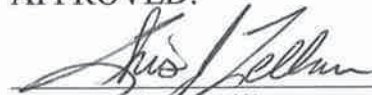
*NOW, THEREFORE, the Village Board of the Village of Waunakee, Dane County, Wisconsin, do ordain that Section 18-336 of Chapter 18 of the Code of Ordinances, Village of Waunakee, Wisconsin is repealed and recreated to read as follows:*

**Sec. 18-336. - Fees for erosion control plans.**

No person may begin a land disturbing construction activity or land developing activity subject to this division until the person has paid the Erosion Control Review and Inspection fee to the Director of Public Works. The fee shall be paid to the Director of Public Works when the person submits an application for an erosion control permit along with a proposed erosion control plan pursuant to Section 18-333(a). The Erosion Control Review and Inspection fee shall be \$950 plus \$0.03 for every square foot of the building or structure, or addition to an existing building or structure, that is part of the land disturbing construction activity or land developing activity.

*The foregoing ordinance was duly adopted by the Village Board of the Village of Waunakee at a meeting held on May 18, 2015.*

APPROVED:



Chris Zellner, Village President



Julee Helt, Village Clerk