City of Monona
Erosion Control and Stormwater Management
Application (Standard Version)

Date: _____

Permit #: _____

Reference #: _____
(For Office Use ONLY)

Project Name: _____

Project Address: _____ **Applicant Name:** _____

Landowner Name: _____ **Applicant Address:** _____

Landowner Address: _____ _____

Landowner Phone #: _____ **Applicant Phone #:** _____
Landowner Fax #: _____ **Applicant Fax #:** _____
Emergency Contact / Phone #: _____ **Site Contact / Phone #:** _____
(reachable 24 hours a day, 7 days a week)

Type of Permit (check one):

☐ Erosion Control Only
(Disturbed areas of 3,000+ sf or 125+ lf)

☐ Erosion Control and Stormwater Control
(Sites over 20,000 sf or redevelopment over 3,000 sf)

Permit Fee Calculation

Application Fee $ 50.00

Total Disturbed Area (square feet): _____

(a) Site Review Fee (see table 1) _____
(fee based on how much area is being disturbed (sq. ft.))

(b) Impervious Area Adjustment % (see table 2) _____
(reduction percentage based on percentage of hard surface area (concrete, asphalt, gravel, etc.) on entire site)

(c) Impervious Area Adjustment _____
*(c = a * b)*

Net Site Review Fee (a - c) _____

Total Permit Fee _____
(application fee + net site review fee)

table 1

Site Review Fee Classifications				
Disturbed Area				***Fee***
3000	to	19999	sq ft	$ 50.00
20000	to	99999	sq ft	$ 200.00
100000	to	199999	sq ft	$ 450.00
200000	to	+++	sq ft	$ 700.00

table 2

Impervious Area Adjustment Factor				
% of Hard Surface Area on Entire Site				***Reduction***
100%	to	85%		0%
84%	to	60%		15%
59%	to	45%		25%
44%	to	30%		35%
29%	to	0%		40%

Conditions:

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 15-2 of the City of Monona Code of Ordinances.
3. By submitting this application, permittee and landowner permit the Monona City Engineer and his designees to enter project property for inspection or curative action (Section 15-2-11(d)(3), Code of Ordinances).
4. The contractor shall perform erosion control inspections weekly and after every rainfall event exceeding .5" during the construction process and then repair or replace any/all erosion control items that are found to be damaged or missing within 4 hours of inspection(s).
5. The contractor shall sweep and remove all mud and tracked material off public streets and sidewalks each working day and as needed to cleanup any erosion or spilled materials.
6. Erosion control practices shall include permanent seeding within ten (10) working days after grading operations have been completed. Wood mulch must be applied to all disturbed areas within 24 hours of grading operations and within 4 hours of grading operations if weather forecast calls for any rainfall.
7. The contractor shall pay the City of Monona for re-inspections for any permit violations (this charge to include re-inspections, documentations, meetings and all related paperwork plus related fines).

Landowner or Applicant Signature: _____ **Date:** _____
(If applicant is not the landowner, attach a notarized statement authorizing applicant to act as landowner's agent)

Zoning Reviewed by: _____ **Date:** _____

Permit Issued by: _____ **Date:** _____
(For Office Use ONLY)

City of Monona Engineering Department (608) 222-2525 *www.monona.wi.us/departments/public_works*

Erosion Control Application Checklist

Permit #: _____

Project Name:

Date: _____

Please check the appropriate box: I = Included; NA = Non-Applicable

(If "NA" is checked, an explanation must be entered.)

	Applicant			Zoning		Engr	
Plan Requirement	**I**	**NA**	**Explanation / Location in Plan**	**I**	**NA**	**I**	**NA**
1. Cross sections and profiles of road ditches.							
2. Culvert sizes.							
3. Direction of runoff flow (contours or runoff arrows).							
4. Watershed size for each contributing drainage area.							
5. Design discharge for ditches and structural measures (flow calculations).							
6. Runoff velocities in channels (feet/second, meters/second).							
7. Fertilizer and seeding rates (seed, fertilizer, and mulch).							
8. Time schedule for stabilizing exposed soil.							
9. Prevent gully and bank erosion and apply minimum standards for sheet and rill erosion: 7.5 ton/acre/yr. (soil loss).							
10. Description of how the site is to be developed (written description).							
11. Provisions for sequential steps mitigating the erosive effect of land disturbing activities (list of erosion control devices).							
12. Provisions to prevent mud-tracking off-site onto public thoroughfares during construction (stone tracking pad).							
13. Any other information necessary to reasonably determine the location, nature, and condition of any physical or							
14. Any proposed changes to the erosion control plan must be submitted and approved.							

Application Requirement	**I**	**NA**	**Explanation / Location in Plan**	**I**	**NA**	**I**	**NA**
1. Copy of Preliminary Review Letter, if applicable.							
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.							

If stormwater management requirements are applicable, the stormwater checklist must be attached.

Stormwater Management Application Checklist

Permit #: _____

Project Name:

Date: _____

Please check the appropriate box: I = Included; NA = Non-Applicable

(If "NA" is checked, an explanation must be entered.)

	Applicant			Zoning		Engr	
Plan Requirement	**I**	**NA**	**Explanation / Location in Plan**	**I**	**NA**	**I**	**NA**
1. Narrative describing the proposed project, including implementation schedule of designed practices.							
2. Identification of the entity responsible for long-term maintenance of the project.							
3. Map showing drainage areas for each watershed area.							
4. No increase in peak discharge for 2 and 10-year 24-hour storm events and safely pass the 100-year 24-hour storm, including							
5. Complete site plan (to scale and maximum size of 11" x 17") and specifications.*							
6. Engineered designs for all structural management practices.							
7. For new development, trap 5 micron soil particle (80% reduction in TSS) for the 1-year, 24-hour storm event.							
8. For redevelopment, trap 20 micron soil particle (40% reduction in TSS) for the 1-year, 24-hour storm event.							
9. Treat first 0.5 inches of runoff for control of oil and grease from commercial or industrial areas. (see ordinance)							
10. Proof of stable outlet capable of carrying the design flow at a non-erosive velocity.							
11. All downspouts, driveways, and other impervious areas shall be directed to pervious surfaces, where feasible.							
12. Maintenance plan and schedule for all permanent stormwater management practices.							

Application Requirement	**I**	**NA**	**Explanation / Location in Plan**	**I**	**NA**	**I**	**NA**
1. Copy of Preliminary Review Letter, if applicable.							
2. Proposed schedule for completion and installation of all elements of the stormwater management plan.							
3. Estimated cost of completion and installation of all elements of the stormwater management plan.							
4. Evidence of financial responsibility to complete work proposed in plan.							
5. Copy of affidavit required by s. 15-2-11(c)(4) for privately owned stormwater practices.							

** See notes on next page.*

Stormwater Management Plan Notes

The summary table in plan requirement (4) must include the following:

A) pre-existing peak flow rates
B) post construction peak flow rates with no detention
C) post construction peak flow rates with detention
D) assumed runoff curve numbers
E) time of concentration used in calculations

Complete site plan and specifications in plan requirement (5) must include the following:

** Note: Plan must be to scale with a maximum size of 11" x 17"

A) property lines and lot dimensions
B) all buildings and outdoor uses, existing and proposed, including all dimensions and setbacks
C) all public and private roads, interior roads, driveways and parking lots, showing traffic patterns and type of paving and surfacing material
D) all natural and artificial water features
E) depth to bedrock
F) depth to seasonal high water table
G) the extent and location of all soil types as described in the Dane County Soil Survey, slopes exceeding 12%, and areas of natural woodland or
H) existing and proposed elevations
I) elevations, sections, profiles, and details as needed to describe all natural and artificial features of the project
J) soil erosion control and overland runoff control measures, including runoff calculations as appropriate
K) detailed construction schedule
L) copies of permits or permit applications required by any other governmental entities or agencies
M) any other information necessary to reasonably determine the location, nature and condition of any physical or environmental features
N) all existing and proposed drainage features
O) the location and area of all proposed impervious surfaces
P) the limits and area of the disturbed area

City of Monona / NR 151 Standards

Permit #: _____

Project Name:

Date: _____

Please check or circle the appropriate box: I = Included; NA = Non-Applicable

(If "NA" is checked, an explanation must be entered.)

		Applicant			Zoning		Engr	
	NR 151 Standards	**I**	**NA**	**Explanation / Location in Plan**	**I**	**NA**	**I**	**NA**
1	***NR 151.11 Construction site performance standard***							
a.	Disturbed site area less than 1 acre (NR 151.11(2)3.(b))	Y	N	Yes - Exempt from NR 151.11				
b.	BMP controls 80% of soil loss during construction (written plan required including USLE evaluation)							
2	***Nr 151.12 Post-construction performance standard***							
a.	Disturbed site area less than 1 acre (NR 151.11(2)3.(b))	Y	N	Yes - Exempt from NR 151.12				
b.	Redevlopment site with no increase in net impervious area (NR 151.12(2)(c))	Y	N	Yes - Exempt from NR 151.12				
c.	Regional treatment facility serves this development Documantation on excess treatment capacity used by this project is required (NR 151.003)	Y	N	Yes - Exempt from NR 151.12				
d.	40% reduction in TSS based on WinSLAMM or P8							
e.	Peak discharge limited to predevelopment peak discharge rate for 2-yr, 24-hr storm							
f.	Project qualifies for infiltration exclusion per NR 151.12(5)(c)5. Explaination required	Y	N	Yes - Exempt from NR 151.12(5)(c) infiltartion reqmnt				
g.	Project qualifies for infiltration exemption per NR 151.12(5)(c)6. Explaination required	Y	N	Yes - Exempt from NR 151.12(5)(c) infiltartion reqmnt				
h.	Infiltration pretreatment system for parking lots and roadways pior to infiltration							
i.	Residential - Infiltrate 90% of predevelopment infiltration volume (1% of site area for infiltration system)							
j.	Residential - Infiltrate 25% of post development runoff volume from 2-year, 24-hr storm (1% of site area for infiltration system)							
k.	Commercial - Infiltrate 60% of predevelopment infiltration volume (2% of site area for infiltration system)							
l.	Commercial - Infiltrate 10% of post development runoff volume from 2-year, 24-hr storm (2% of site area for infiltration system)							