

Administration • Land Conservation • Parks • Water Resource Engineering

# Dane County Stormwater Management 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: \$ 400

New Impervious Area (ft<sup>2</sup>): \_\_\_\_\_ x \$0.015/ft<sup>2</sup> = \$ \_\_\_\_\_

Redeveloped Impervious Area (ft<sup>2</sup>): \_\_\_\_\_ x \$0.015/ft<sup>2</sup> = \$ \_\_\_\_\_

Impervious Area Added Since 2001 (ft<sup>2</sup>): \_\_\_\_\_

Total Fees = \$ \_\_\_\_\_

Make checks payable to "Dane County Treasurer" or request invoice to pay with card.

*The permit fee shall be doubled if work begins before permit issuance (s. 11.50(7) or 14.15(2)(b)).*

## Permit Conditions and Signature

All requirements in this application are set forth in Chapters 11 and/or 14 of the Dane County Code of Ordinances.

By submitting this application, the landowner permits Dane County staff to enter project property for inspection and/or curative action (s. 11.05(5)(a)3 or 14.10(4)(c)).

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: \_\_\_\_\_

# Stormwater Management Application Checklist

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

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

As-built certification, prepared by a professional engineer as required by Ch.14.10(5)(e) must be submitted upon completion of all permitted activity.

Plan Materials	Specific Location of Information
1. <b>Narrative describing proposed development and how standards are being achieved</b>	
2. <b>Summary table of existing and proposed land cover types with respective areas.</b>	
3. <b>Summary table of peak rate, infiltration and sediment control modeling</b> (see table requirements on next page)	
4. <b>Detailed model inputs and results</b>	
5. <b>Site watershed map with Tc flow paths</b> (Including runoff draining to site)	
6. <b>Site plan</b> (see detailed requirements on next page)	
7. <b>Engineered designs of management practices</b>	
8. <b>Soils Information</b> (see detailed requirements on next page)	
<b>Permit Application Materials</b>	_____
9. <b>Detailed construction schedule</b>	
10. <b>Draft maintenance agreement</b>	
11. <b>Itemized cost estimate of stormwater management plan implementation</b> (Financial security instrument required if over \$5,000)	
12. <b>Copies of applications or permits from other regulatory bodies</b>	

# Stormwater Management Standards and Requirements

## **Peak rate summary table (checklist item #3) must include the following:**

- Pre-existing peak flow rates
- Post construction peak flow rates with no detention
- Post construction peak flow rates with detention
- Assumed runoff curve numbers
- Time of concentration used in calculations
- Drawdown time for 1-year design storm

## **Infiltration summary table (checklist item #3) must include the following:**

- Pre-development infiltration volume
- Calculated infiltration volume goal
- Designed post-construction infiltration volume
- Surface drawdown time and total device drawdown time, if applicable.

## **Sediment control summary table (checklist item #3) must include the following:**

- Post construction sediment load generated, with no treatment
- Calculated sediment reduction goal
- Designed post construction sediment load, with treatment

## **Site plan (checklist item #6) must include and clearly identify the following:**

- Scale and north arrow
- Property lines and lot dimensions
- Extent, area and type of all existing and proposed impervious surface
- Building dimensions and setbacks
- Existing and proposed contours
- Existing and proposed drainage features
- Limits of disturbance
- Detailed construction schedule
- Locations and details of natural and artificial water features
- Extent of natural woodland or prairie
- Slopes exceeding 12%
- Flood elevation for the 200-yr design storm and proposed minimum opening elevation

## **Soils Information (checklist #8) must include the following:**

- Depth to bedrock
- Depth to seasonal high water table
- Extent of all soil types, as described in the Dane County Soil Survey