

Stormwater Utility Credit Application Manual Non-Residential Properties

City of Fort Atkinson



Engineering Department

2010

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PREFACE

Send Application Forms to:

City of Fort Atkinson
Engineering Department
Attn: Stormwater Utility Credit
101 North Main Street
Fort Atkinson WI 53538

For Questions Regarding the Credit Application, Contact:

Jeffrey L. Woods
City Engineer
jwoods@fortatkinsonwi.net
(920) 563-7760

Make Checks Payable to: City of Fort Atkinson

Application Procedure:

The credit application procedure for the Fort Atkinson Stormwater Utility is summarized below:

1. Each applicant must complete the required forms and furnish the required information. Forms may be found with this application, or on the city web page: <http://www.fortatkinsonwi.net/>.
2. The Engineering Department (Department) will conduct an initial review of Stormwater Utility Credit Application within thirty (30) calendar days of receipt of the application form and payment of fee. Application fees are onetime and nonrefundable.
3. Reviewers will check application forms for completeness and accuracy. If the application is found to be complete and accurate, a letter will be sent to the applicant notifying approval of the credit.
4. Application for any credit is an acknowledgement of the City of Fort Atkinson's (City) right-of-entry to inspect and verify the information submitted on said application.
5. If deficiencies are found during the review, a deficiency letter will be sent to the applicant's contact person. Upon receipt of additional information from applicant, the review will resume and be completed within thirty (30) calendar days of receipt of the additional information.
6. Pending approval of the credit request, any and all credits will be granted at the next billing cycle after formal approval of the application. The Director shall determine whether a submittal is complete using the current credit request submittal requirements.
7. If an application is denied, a letter explaining the reasons for the denial will be provided to the applicant.
8. The applicant has the right to appeal this decision, in accordance with the procedures outlined in Section 98-607 of the City of Fort Atkinson Municipal Code (adopted August, 2009) relating to Storm Drainage Regulation.

Chapter 1: Introduction

The City Council of the City of Fort Atkinson, Wisconsin created a stormwater utility through ordinance adoption (Section 98) in September of 2009. The citywide stormwater utility was created to provide an equitable, stable funding source for the City's stormwater management services.

The primary revenue source for the Stormwater Utility is the fee charged to all developed property in the City. Stormwater Service Charges to a property are related to the amount of stormwater runoff from the property. The charge is based upon the amount of impervious area on each property. Typical impervious areas include sidewalks, driveways, roofs, patios, parking lots, and compacted gravel.

The impervious area delineations for each property are based on measurements from the 2005 aerial photographs and site plans. Geographical Information Systems (GIS) was used to calculate the impervious area from the delineations. If a property owner believes the measurements for their property are not accurate, they may submit appropriate paperwork for review. The property owner should consult with the Engineering Department to determine the appropriate submittals to change the calculated amount of impervious area.

Utility Charge Rate for Residential Property

A statistical sampling of residential properties within the City determined that an average developed single-family residential property has 3,096 square feet of impervious area. As a result, 3,096 square feet is used as the base billing unit or ERU (equivalent runoff unit) for the utility. Each 1, 2, 3, or 4-family residential property is assigned a rate based on a 3-tiered rate structure.

Utility Charge Rate for Non-Residential Property

The charge for all other properties (commercial, industrial, government, tax-exempt, condominiums, etc) is determined on a case-by-case basis according to the actual amount of impervious area on the property. The amount of impervious area is measured in square feet and divided by 3,096. The result of that division is rounded to the nearest tenth and becomes the number of ERUs assigned to the property. The number of ERUs multiplied by the unit-billing rate as adopted by a City Council resolution yields the annual storm water service charge for that particular property.

The number of ERUs assigned to properties will remain fixed unless physical changes are made that alter the amount of the impervious surface area. In these cases, billing changes will be made automatically at the completion of construction. Typically, these changes will be triggered through the building permit process.

Credit Structure

For the purpose of generating applicable credit rates, the municipal stormwater management services funded through the user fee are divided into two major categories. The credit eligible category is further divided into two sub-categories.

Category A (utility-wide services)	25%
Category B (credit eligible services)	
B1: activities that meet flow management criteria	50%
B2: activities that meet pollution reduction criteria	25%

Fees to support Category A programs are applied throughout the utility customer base and credits are not allowed for these components. These costs are required to run the City of Fort Atkinson’s stormwater management program and these programs benefit all property owners within the City of Fort Atkinson.

Only the costs associated with Category B are eligible for a credit. These are costs associated with the utility’s efforts to maintain the capacity of the stormwater conveyance system and implement and maintain pollution control practices.

The tasks included under each category, and the percent credit for each category under this policy may be revised based upon a re-analysis of the stormwater program budget and the percent distribution of costs by category. Modifications must be approved by City Council resolution. The approved credit amount will be applied to each stormwater utility bill for as long as the property owner maintains their credit eligibility status in accordance with this policy.

The Utility Fee Credit Policy – Non-Residential Properties

The City of Fort Atkinson has developed a system of credits for stormwater service customers who:

- (1) Discharge all or a portion of the stormwater directly into the Rock River, Bark River or Allen Creek without sending it through a municipal stormwater conveyance system.
- (2) Have facilities or controls in place to temporarily store stormwater runoff from their property, thereby reducing the impact of flow on the drainage system.
- (3) Have facilities or controls in place to remove suspended solids material from the stormwater runoff from their property, thereby improving the quality of the water being discharged.

This manual details the policies and procedures applicable to the stormwater service charge credit program.

Chapter 2: Credit Policy: Non-Residential Property

The purpose of the stormwater utility credit policy is to encourage actions by non-residential property owners within the utility district to: 1) reduce stormwater flows and 2) reduce the utility district's costs in providing proper management of stormwater runoff. The term 'property' or 'properties' will refer to non--single, non-two family, non-three family, and non four-family residential parcels. Credits to user fees will only be allowed when it can be demonstrated by the customer that a condition or activity on the property results in a direct reduction in costs for Stormwater Utility services.

Application Fee and Determination

A credit application will not be considered complete and will not be processed unless accompanied by the application fee and all appropriate forms and information as required in this manual. The credit application fee is indicated below. It is the intent of the Department to process applications within thirty (30) calendar days of submittal of the complete and correct application package. Billing adjustments required to implement credits shall be applied to the first billing cycle after formal approval of the application. A pending application for credit shall not constitute a valid reason for nonpayment of the current Stormwater Service Charges. In the case of new development, Stormwater Service Charges and the associated credits detailed herein do not apply until construction is complete and verified by the Department, or upon granting of conditional occupancy, whichever is earlier.

Fee Schedule: Riparian Credit Only -- \$50	Flow Control Credit Only -- \$50
Pollution Control Credit Only -- \$50	Two or More Credits -- \$75

Maximum Credit

The maximum aggregate credit to the Stormwater Service Charge of any individual property is 50% of its gross billing amount, regardless of how many individual credits for which the property qualifies. The credit level is based on the amount of utility budget expended on maintaining the flow capacity of the stormwater conveyance system. Developments must conform to all applicable ordinances and standards of the City of Fort Atkinson to be credit eligible.

Chapter 3: Riparian Property Credit

Non-Residential Properties that discharge stormwater from all or a portion of their property directly into the Rock River, Bark River or Allen Creek, without entering a City of Fort Atkinson municipal stormwater conveyance system may be eligible for a credit. The credit amount will be prorated based on the percent of the property that drains directly to the Rock River, Bark River or Allen Creek. In no case will the credit exceed the Category B1 percentage. For example: a property with one half of the impervious area draining directly to an eligible water body would receive a 25% credit.

Properties located on other creeks, streams, and/or ditches, are not eligible for this credit.

This credit need only be applied for once, but can be reviewed if the property is redeveloped or re-graded.

Application Requirements

The completed Riparian Property Credit application must include a \$50 application fee and the following information:

Plat of survey certified by a Wisconsin Registered Land Surveyor, or as-built construction site plan certified by a Wisconsin Professional Engineer or Professional Hydrologist, indicating the following:

- a) The location of the Rock River, Bark River, or Allen Creek
- b) Watershed breaks across the property
- c) Layout of impervious surface areas on the property
- d) Layout of the drainage system on the property, including location and elevations of natural and man-made features
- e) Sufficient topographic data or elevations to verify general drainage patterns across the property.
- f) A calculation of impervious area (in square feet) for each delineated drainage area on the property.

See Chapter 6 for an example application for the Riparian Property Credit.

Chapter 4: Post Development Flow Control Credit

This credit applies to all non-residential properties that provide privately constructed and maintained runoff flow control measures, or will provide privately constructed and maintained runoff flow control measures as a component of a land development process. The credit is based on the reduction of post-development peak flow for the specified rain event (see below). A property must show that its runoff is released at a lower rate than without stormwater management. The property must also demonstrate that the minimum flow control requirements of the local ordinances or policies in effect at the time of the land development activity have been met.

To determine the amount of credit, the “post-site development” peak flow with no management will be compared to the “post-site development” peak flow with management. The percentage change will then be multiplied by the maximum amount of flow control to determine the utility rate credit. All calculations shall use the following year and location for all rainfall events: Madison, 1981 (March 12 – December 2). The following table shows example of credit flow calculations.

A	B	C	
10-yr 24-hr Rain Event Post-Development Peak Flow Rate (before management)	10-yr 24-hr Rain Event Post-Development Peak Flow Rate (after management) *	% “Control” 1 - (B/A)	Credit (C) x 50%
500 cfs	100 cfs	80%	40%
500 cfs	50 cfs	90%	45%
1,000 cfs	100 cfs	90%	45%
1,000 cfs	50 cfs	95%	47.5%

Note: “cfs” is the flow rate in “cubic feet per second”

* Assume for this example the required maximum post-development flow rate is 100 cfs.

Application Requirements

The completed Post Development Flow Control Credit application must include a \$50 application fee and the following information:

1. Maintenance information: Any agreements or contracts for inspection and/or maintenance are required to be disclosed as part of the application. Indicate the schedule for major maintenance that will be performed and how many times per year basic maintenance (such as erosion control and/or mowing) activities are performed. In order to maintain the Flow Control credit, the property owners shall provide the City with inspection reports by January 1st of every subsequent year. If a property owner fails to file required inspection reports, or if a City inspection finds the system not meeting the conditions set forth in this manual, the City will send a letter informing the property owner of the required action to avoid revocation of the Flow Control credits. If the property owner fails to take the required action, the flow control credits will be revoked until the situation is corrected. No retroactive credits will be given during said lapse period. Credits will be restored on the effective date of the submittal of the property owner’s acceptable response.

2. Technical information (certified by a Wisconsin Professional Engineer or Professional Hydrologist):
 - a) Narrative describing the site and post-development flow control practices
 - b) Site plan(s) at a scale of 1"=100' or larger (i.e. 1"=50' or 1"=20' etc.) appropriate to display the following information clearly:
 - 1) Locations, dimensions, and characteristics of all drainage patterns and stormwater management facilities
 - 2) Location of all impervious surfaces including, but not limited to: structures, parking, driveways, etc.
 - 3) Soils
 - 4) Site topography
 - 5) Details of detention facility outlet structure(s)
 - 6) Diagram of watershed routing to the detention facility(s)
 - 7) As built construction drawings verifying the storm water management structural information.
 - c) Summary of runoff peak flow calculations for the 10-year, 24-hour rain event, by watershed, including:
 - 1) Existing flow rates
 - 2) Post-development flow rates without management
 - 3) Post-development flow rates with management
 - d) Calculations (and factors used for calculations) performed to determine existing, post developed "managed", and post-developed "unmanaged" peak flow control including, but not limited to:
 - 1) Time of concentration(s)
 - 2) Curve number(s)
 - 3) Watershed areas
 - 4) Watershed routing
 - 5) Engineered designs for all structural flow control management practices
 - 6) Stage-storage-discharge tables or curves for the detention facility(ies)
 - 7) Tailwater impacts, if any
3. Stormwater Ordinance and Construction Standards: Appropriate documents showing that the City of Fort Atkinson Stormwater Ordinance and Construction Standards in effect at the time of construction were met at the time of development. Retrofitting of existing structures is allowed to provide, or increase the amount of credit for a property. As-built data shall be submitted for the existing or retrofitted structure before the credit will be applied. A Wisconsin Professional Engineer or Professional Hydrologist must certify the calculations.

4. **Statement of Certification:** The owner shall sign a statement certifying that information is correct and acknowledging that the credit determination will be based on information provided. A later determination that the application information was inaccurate may result in loss of credit.

NOTE: Non-residential property owners are encouraged to apply for flow control credits on new developments as part of the City's normal development plan review procedures. The credits, as well as the Stormwater Service Charges, do not go into effect until the construction is complete or upon granting of conditional occupation. **Credits will not be in effect until as-built data have been submitted for new stormwater management facilities.**

See Chapter 6 for an example application for the Post Construction Flow Control Credits.

Chapter 5: Pollution Control Credit

This credit applies to all non-residential properties that provide privately constructed and maintained pollution control measures. The credit is based on the increased removal (see below).

The amount of stormwater pollution control achieved with a structural management practice will be calculated using the Source Loading and Management Model (SLAMM), Information on how to access SLAMM is available at:

<http://dnr.wi.gov/org/water/wm/nps/models/SLAMM.htm>.

Using the appropriate model, the applicant must calculate the average annual pollutant load (using Total Suspended Sediment [TSS] as the indicator parameter) under two conditions: 1) the property without any pollution control practice(s) and 2) the same property with the pollution control practice(s). The land cover and conveyance system characteristics must be identical under both conditions.

Pollution Control Credit Eligibility

The following categories of properties may receive up to a 25% credit on their stormwater fee for pollution control activities

a. New Land Development

By state and local regulations, all new land development (occurring after October 1, 2004) must meet a post-construction pollution reduction (using TSS as the indicator parameter) of 80%. Properties with new land development may receive up to a 25% credit for exceeding the minimum pollution control requirements. The process for credit calculation and conditions to be met are as follows:

- 1) The level of credit is determined as follows:
 - a) 80% - 85.0% TSS reduction = 0% credit
 - b) 85.1% - 90.0% TSS reduction = 20% credit
 - c) Greater than 90% TSS reduction = 25% credit
- 2) The structural pollution control practice(s) are owned, operated, and maintained by private landowner(s),
- 3) There is a written maintenance agreement in place between the private landowner(s) and the City of Fort Atkinson. Among other conditions, the agreement shall allow the City to have access and conduct inspections of the control practice(s) to verify that proper maintenance is being conducted, and
- 4) The credit recipient must submit an annual report to the city stating that the pollution control practice is maintained and operating as designed. This section of the policy applies to all land development **on or after** October 1, 2004 (the effective date of the state regulations).

b. Redeveloped Lands

Lands that were developed before October 1, 2004 and are undergoing re-development may receive a utility rate credit by installing pollution reduction practices. These

properties may receive up to a 25% utility fee credit. The process for credit calculation and conditions to be met are as follows:

- 1) Level of credit is determined as follows:
 - a) Less than 40% TSS reduction (if MEP approved by city) = 0% credit
 - b) 40% - 50% TSS reduction = 15% credit
 - c) Greater than 50 % TSS reduction = 25% credit
- 2) The structural pollution control practice(s) are owned, operated, and maintained by private landowner(s),
- 3) There is a written maintenance agreement in place between the private landowner(s) and the City of Fort Atkinson. Among other conditions, the agreement shall allow the City to have access and conduct inspections of the control practice(s) to verify that proper maintenance is being conducted,
- 4) The credit recipient submits an annual report to the city stating that the pollution control practice is maintained and operating as designed, and
- 5) This section of the policy applies to: application of stormwater pollution control to lands developed before October 1, 2004 (the effective date of the state regulations).

c. Pollution Control Credit Eligibility for Existing Developed Lands (not being redeveloped)

Properties that are in neither category (B2a or B2b) may receive a credit up to 25% of the property's utility fee. The process for credit calculation and conditions to be met are as follows:

- 1) Level of credit is determined as follows:
 - a) Up to 10% TSS reduction = 5% credit
 - b) 10% - 20% TSS reduction = 15% credit
 - c) Greater than 20% TSS reduction = 25% credit.
- 2) The structural pollution control practice(s) are owned, operated, and maintained by private landowner(s),
- 3) There is a written maintenance agreement in place between the private landowner(s) and the City of Fort Atkinson. Among other conditions, the agreement shall allow the City to have access and conduct inspections of the control practice(s) to verify that proper maintenance is being conducted,
- 4) The credit recipient submits an annual report to the city stating that the pollution control practice is maintained and operating as designed, and
- 5) This section of the policy applies to: application of stormwater pollution control to lands developed before October 1, 2004 (the effective date of the state regulations). See Section IV for submittal requirements.

- 6) If the property is an industrial site with an existing industrial NR 216 permit, the stormwater management practice(s) must reduce the sediment pollution from the regulated area by greater than the minimum permit requirements.
- 7) For non-regulated areas of an industrial property, the credit levels listed under c. 1. (above) shall apply.

The completed Pollution Control Credit Application must include a \$50 application fee and the following information:

1. Maintenance information: Any agreements or contracts for inspection and/or maintenance are required to be disclosed as part of the application. Indicate the schedule for major maintenance that will be performed and how many times per year basic maintenance activities are performed. In order to maintain the Pollution Control credit, the property owners shall provide the City with inspection reports by January 1st of every subsequent year. If a property owner fails to file required inspection reports, or if a City inspection finds the system not meeting the conditions set forth in this manual, the City will send a letter informing the property owner of the required action to avoid revocation of the Pollution Control credits. If the property owner fails to take the required action, the flow control credits will be revoked until the situation is corrected. No retroactive credits will be given during said lapse period. Credits will be restored on the effective date of the submittal of the property owner's acceptable response.
2. Technical information (certified by a Wisconsin Professional Engineer or Professional Hydrologist):
 - a) Narrative describing the pollution control practices/devices.
 - b) Site plan(s) at a scale of 1"=100' or larger (i.e. 1"=50' or 1"=20' etc.) appropriate to display the following information clearly:
 - 1) Locations, dimensions, and characteristics of all drainage patterns and stormwater management facilities
 - 2) Location of all impervious surfaces including, but not limited to: structures, parking, driveways, etc.
 - 3) Site topography
 - 4) As built construction drawings verifying the storm water management structural information.
 - c) Summary of design calculations for the 10-year, 24-hour rain event, for the pollution control structure:
 - 1) Existing flow rates
 - 2) TSS removal rates
 - 3) Detention pond design
3. Stormwater Ordinance and Construction Standards: Appropriate documents showing that the City of Fort Atkinson Stormwater Ordinance and Construction Standards in effect at the time of

construction were met at the time of development. Retrofitting of existing structures is allowed to provide, or increase the amount of credit for a property. As-built data shall be submitted for the existing or retrofitted structure before the credit will be applied. A Wisconsin Professional Engineer or Professional Hydrologist must certify the calculations.

4. Statement of Certification: The owner shall sign a statement certifying that information is correct and acknowledging that the credit determination will be based on information provided. A later determination that the application information was inaccurate may result in loss of credit.

NOTE: The credits, as well as the Stormwater Service Charges, do not go into effect until the construction is complete or upon granting of conditional occupation. **Credits will not be in effect until as-built data have been submitted for new stormwater management facilities.**

City of Fort Atkinson Stormwater Utility: Credit Application Form

Form 1 - Storm Water Service Charge Credit Application

Credits Applied for (check all that apply): Riparian Flow Control Pollution Control

Fee Schedule: Single Credit -- \$50 Two or More Credits -- \$75

Applicant Information (Financially Responsible Entity): (Please print or type)

Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Contact: _____ Email: _____ Telephone: _____

Property Owner Information (If Different from Above):

Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____

Property Information:

Property Location/Address: _____
Parcel Number: _____ Property Size: (SF/Acre) _____
Receiving Water's Name (if applicable): _____ Impervious Area (SF): _____
Brief Description of Storm Water Facilities at Location (if applicable): _____

Plan Review Information:

Has this project and its storm water calculations been previously approved by the city? Yes No

If Yes, date of final approval of plan and calculations: _____

(If no copy is on file, city will notify Applicant to request a copy.)

If No, provide copies of as-built plans and calculations showing the project meets minimum city requirements.

Please indicate the review information that you are attaching to this application:

Narratives Site Plans Survey Plat with Topography Runoff Calculations Routing Calculations
 Stage/Storage/Discharge Tables Outlet Structure Details As-Built Plans Maintenance Manual

Certifications:

The above information is true and correct to the best of my knowledge and belief. (This form must be signed by the financially responsible person if an individual, or if not an individual, by an officer, director, partner, or registered agent with authority to execute instruments for the financially responsible person). I agree to provide corrected information should there be any change in the information provided herein.

Type or print name

Title or Authority

Signature

Date

The following certification is required for approval of all credits for which a certified technical submission was required: The above information and the information on Form 2 was prepared either by or under the supervision of myself as the qualified professional and is true and correct to the best of my knowledge and belief.

Type or print name

Professional License Type and Number

Signature

Date

Phone

Form 2 - Stormwater Service Charge Credit Application

(Form 1 must accompany this application form)

Riparian Property Credit

- 1. Total Gross Impervious Area: _____ (SF)
- 2. Impervious Area Drainage Directly to Water Body: _____ (SF)
- 3. Percent of Area Drainage Directly to Water Body (2/1 * 100): _____ (%)
- 4. Riparian Property Credit (3/100*50%): _____ (%)

Post Development Flow Control (10-year – 24 hour storm event)

- All stormwater management requirements were met at the time of construction: _____ Yes _____ No
- 5. Percent of site’s impervious area draining to Flow Control measure: _____ (%)
 - 6. Post-Developed 10-year flow without management: _____ (cfs)
 - 7. Post-Developed 10-year flow with management: _____ (cfs)
 - 8. Reduction of Flow Provided (6 - 7): _____ (cfs)
 - 9. Percent Reduction (8/6 * 100): _____ (%)
 - 10. Flow Control Credit [(5 * 9)/10,000*50]: _____ (%)

Pollution Control Credit

- 11. New Development: _____ (%)
 - 80.5% - 85.0% TSS Reduction = 5%
 - 85.1% - 90.0% TSS Reduction = 20%
 - 90.1% or more TSS Reduction = 25%
- 12. Redeveloped Land: _____ (%)
 - 40.1% - 50.0% TSS Reduction = 15%
 - 50.1% or more TSS Reduction = 25%
- 13. Existing Developed Land: _____ (%)
 - 0% - 10.0% TSS Reduction = 5%
 - 10.1% - 20.0% TSS Reduction = 15%
 - 20.1% or more TSS Reduction = 25%
- 14. Pollution Control Credit (11, 12 or 13): _____ (%)

Credit Summary

- Riparian Property Credit (4): _____ %
- Post Development Flow Control Credit (10): _____ %
- Pollution Control (14): _____ %
- Total Annual Stormwater Credit (4 + 10 + 14): _____ % (Maximum 50%)

_____ Credit Application Approved
 _____ Credit Application Not Approved

 Director of Public Works (or designee) (Print Name)

 Director of Public Works (or designee) (Sign Name)

 Date

Chapter 6: Example Credit Applications

Following are example applications for credit adjustments to the Stormwater Service Charge. The example application forms have been completed and are attached.

Example #1: Riparian Property Credit (per Chapter 3)

An industrial site with 200,000 SF total impervious area discharges a portion of its runoff directly to the Rock River. Due to topography on the lot, 70,000 SF of the impervious area discharges directly to the Rock River, while the runoff from the remaining area flows into the municipal stormwater conveyance system.

Example #2: Post-Development Flow Control Credit (per Chapter 4)

A commercial site was developed in December 2002 with an impervious area of 1,200,000 SF or 387.6 ERUs. A detention pond was installed that meets the design criteria specified in the City's current stormwater management regulations. The peak runoff rate from the 10-year, 24-hour storm after development does not exceed the peak runoff rate from the 100-year 24-hour storm before development. The customer's engineer has certified these calculations and the property meets all the other stormwater management requirements in effect at the time of construction. The customer has not installed any other Best Management Practices on site.

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Credit Application Example #1: Riparian

City of Fort Atkinson Stormwater Utility: Credit Application Form

Form 1 - Storm Water Service Charge Credit Application

Credits Applied for (check all that apply): Riparian Flow Control Pollution Control

Applicant Information (Financially Responsible Entity): (Please print or type)

Name: Fort Atkinson Industries
Address: 1000 Fort Atkinson Avenue
City: Fort Atkinson State: WI Zip Code: 53538
Contact: Isaac Industrial Email: Isacc@Ind.com Telephone: _____

Property Owner Information (If Different from Above):

Name: (Same as Above)
Address: _____
City: _____ State: _____ Zip Code: _____

Property Information:

Property Location/Address: 1000 Fort Atkinson Avenue
Parcel Number: 22612345678910 Property Size: (SF/Acre) 5 Acres
Receiving Water's Name (if applicable): Rock River Impervious Area (SF): 200,000
Brief Description of Stormwater Facilities at Location (if applicable): _____

Plan Review Information:

Has this project and its stormwater calculations been previously approved by the City? Yes No
If Yes, date of final approval of plan and calculations: _____
(If no copy is on file, City will notify Applicant to request a copy.)
If No, provide copies of as-built plans and calculations showing the project meets minimum City requirements.

Please indicate the review information that you are attaching to this application:

Narratives Site Plans Survey Plat with Topography Runoff Calculations Routing Calculations
 Stage/Storage/Discharge Tables Outlet Structure Details As-Built Plans Maintenance Manual

Certifications:

The above information is true and correct to the best of my knowledge and belief. (This form must be signed by the financially responsible person if an individual, or if not an individual, by an officer, director, partner, or registered agent with authority to execute instruments for the financially responsible person). I agree to provide corrected information should there be any change in the information provided herein.

Fort Atkinson Industrial President

Type or print name Title or Authority
Isaac Industrial 07/21/06

Signature Date

The following certification is required for approval of all credits for which a certified technical submission was required:
The above information and the information on Form 2 was prepared either by or under the supervision of myself as the qualified professional and is true and correct to the best of my knowledge and belief.

Susan Surveyor WI-RLS# 12345

Type or print name Professional License Type and Number
Susan Surveyor 07/21/06 920-555-1235

Signature Date Phone

Credit Application Example #1: Riparian

Form 2 - Stormwater Service Charge Credit Application

(Form 1 must accompany this application form)

Riparian Property Credit

- | | | |
|---|-------|--------------|
| 1. Total Gross Impervious Area: | _____ | 200,000 (SF) |
| 2. Impervious Area Drainage Directly to Water Body: | _____ | 70,000 (SF) |
| 3. Percent of Area Drainage Directly to Water Body (2/1 * 100): | _____ | 35 (%) |
| 4. Riparian Property Credit (3/100*50%): | _____ | 17.5 (%) |

Post Development Flow Control (10-year – 24 hour storm event)

All stormwater management requirements were met at the time of construction: Yes No

- | | | |
|--|-------|-------|
| 5. Percent of site's impervious area draining to Flow Control measure: | _____ | (%) |
| 6. Post-Developed 10-year flow without management: | _____ | (cfs) |
| 7. Post-Developed 10-year flow with management: | _____ | (cfs) |
| 8. Reduction of Flow Provided (6 - 7): | _____ | (cfs) |
| 9. Percent Reduction (8/6 * 100): | _____ | (%) |
| 10. Flow Control Credit [(5 * 9)/10,000*50]: | _____ | (%) |

Credit Summary

- | | | |
|--|-------|--------|
| Riparian Property Credit (4): | _____ | 17.5 % |
| Post Development Flow Control Credit (10): | _____ | 0 % |
| Total Annual Stormwater Credit (4 + 10): | _____ | 17.5% |

Credit Application Approved
 Credit Application Not Approved

Director of Public Works (or designee) (Print Name)

Director of Public Works (or designee) (Sign Name)

Date

Credit Application Example #2: Flow Control

City of Fort Atkinson Stormwater Utility: Credit Application Form

Form 1 - Storm Water Service Charge Credit Application

Credits Applied for (check all that apply): _____ Riparian _____ Flow Control _____ Pollution Control

Applicant Information (Financially Responsible Entity): (Please print or type)

Name: Commercial Crafts
Address: 100 Fort Atkinson Boulevard
City: Fort Atkinson State: WI Zip Code: 53538
Contact: Casey Commercial Email: Casey@Crafts.com Telephone:

Property Owner Information (If Different from Above):

Name: (Same as Above)
Address:
City: State: Zip Code:

Property Information:

Property Location/Address: 100 Fort Atkinson Boulevard
Parcel Number: 22612345678910 Property Size: (SF/Acre) 30 Acres
Receiving Water's Name (if applicable): N/A Impervious Area (SF): 1,200,000
Brief Description of Stormwater Facilities at Location (if applicable): Detention Basin

Plan Review Information:

Has this project and its storm water calculations been previously approved by the city? Yes No
If Yes, date of final approval of plan and calculations:
If No, provide copies of as-built plans and calculations showing the project meets minimum City requirements.

Please indicate the review information that you are attaching to this application:

- Narratives Site Plans Survey Plat with Topography Runoff Calculations Routing Calculations
Stage/Storage/Discharge Tables Outlet Structure Details As-Built Plans Maintenance Manual

Certifications:

The above information is true and correct to the best of my knowledge and belief. (This form must be signed by the financially responsible person if an individual, or if not an individual, by an officer, director, partner, or registered agent with authority to execute instruments for the financially responsible person). I agree to provide corrected information should there be any change in the information provided herein.

Casey Commercial Owner
Type or print name Title or Authority
Casey Commercial 07/31/06
Signature Date

The following certification is required for approval of all credits for which a certified technical submission was required:
The above information and the information on Form 2 was prepared either by or under the supervision of myself as the qualified professional and is true and correct to the best of my knowledge and belief.

Ean Engineer WI-PE # 12345
Type or print name Professional License Type and Number
Ean Engineer 07/31/06 920-555-1239
Signature Date Phone

Credit Application Example #2: Flow Control

Form 2 - Stormwater Service Charge Credit Application

(Form 1 must accompany this application form)

Riparian Property Credit

- | | | |
|---|-------|------|
| 1. Total Gross Impervious Area: | _____ | (SF) |
| 2. Impervious Area Drainage Directly to Water Body: | _____ | (SF) |
| 3. Percent of Area Drainage Directly to Water Body (2/1 * 100): | _____ | (%) |
| 4. Riparian Property Credit (3/100*50%): | _____ | (%) |

Post Development Flow Control (10-year – 24 hour storm event)

- All storm water management requirements were met at the time of construction: _____ Yes _____ No
- | | | |
|--|-------|----------|
| 5. Percent of site's impervious area draining to Flow Control measure: | _____ | 100 (%) |
| 6. Post-Developed 10-year flow without management: | _____ | 63 (cfs) |
| 7. Post-Developed 10-year flow with management: | _____ | 15 (cfs) |
| 8. Reduction of Flow Provided (6 - 7): | _____ | 48 (cfs) |
| 9. Percent Reduction (8/6 * 100): | _____ | 76.2 (%) |
| 10. Flow Control Credit [(5 * 9)/10,000*50]: | _____ | 38.1 (%) |

Credit Summary

- | | | |
|--|-------|--------|
| Riparian Property Credit (4): | _____ | 0 % |
| Post Development Flow Control Credit (10): | _____ | 38.1 % |
| Total Annual Storm Water Credit (4 + 10): | _____ | 38.1 % |

_____ Credit Application Approved
 _____ Credit Application Not Approved

 Director of Public Works (or designee) (Print Name)

 Director of Public Works (or designee) (Sign Name)

 Date