

# CITY OF KAUKAUNA STORM WATER UTILITY

## Credit Policy for the Mitigation of Runoff Effects

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### A. GENERAL

For the purposes of establishing credits for facilities providing on-site mitigation of runoff, the following components will be considered:

1. Flow Rate
2. Absolute Volume
3. Quality
  - a. Debris
  - b. Suspended Solids
  - c. Phosphorus, BOD & Possible Other Chemical or Biological Components

### B. ALLOWABLE CREDITS

1. Maximum Total Credit - The maximum total credit attainable will be 50%.
2. Maximum Credit for Reducing Flow Rate - 20%.
3. Maximum Credit for Reducing the Volume of Discharge - 10%.
4. Maximum Credit for Suspended Solids Removal - 20%.

### C. CREDITS FOR REDUCING FLOW RATE

1. For meeting the minimum standard of limiting the peak post-development discharge from a 2, 5, 10, 20, 50 and 100 year, 24 hour storm to the peak pre-settlement discharge, the user shall be granted a credit of 20%.

### D. CREDITS FOR REDUCING VOLUME OF FLOW

1. For limiting the maximum 12-hour volume of runoff from a 10-year storm to that existing prior to development, the user shall be granted a full credit of 10%.

*To receive this full credit, either of the two following conditions must be met:*

- (a) *At the end of the 24-hour period during which the runoff event occurred, the facilities used for the mitigation of the affects of runoff must be returned to the state existing at the beginning of the runoff event*
- (b) *The conditions existing at the end of the first 24-hour period must allow the facilities to limit the maximum 12-hour volume from a second 10-year storm to that existing prior to development.*

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2. For reducing the maximum 12-hour volume of runoff for the 10-year storm by an amount less than that set forth in Paragraph D.1., the user shall be granted a credit in accordance with the following formula:

$$\text{Credit} = \frac{\text{Runoff without Mitigation} - \text{Runoff with Mitigation}}{\text{Runoff without Mitigation} - \text{Runoff Prior To Development}} * 10\%$$

*To receive this partial credit either of the two following conditions must be met:*

- (a) At the end of the 24-hour period which the runoff event occurred, the facilities used for the mitigation of the effects of runoff must be returned to the state existing at the beginning of the runoff event,*
- (b) The conditions existing at the end of the first 24-hour period must allow the facilities to limit the maximum 12-hour volume from a second 10-year storm to that level achieved during the first 24-hour period.*

No credit will be allowed for reducing the volume of flow, unless the credit exceeds 5%.

### E. CREDIT FOR REDUCING SUSPENDED SOLIDS

1. For meeting the minimum standards for suspended solids reduction in accordance with the City of Kaukauna Stormwater Management Ordinance (Chapter 22) a credit of up to 20% will be allowed.

### F. REQUIRED DOCUMENTATION

1. Application - Any request for credit(s) shall contain the following information:
  - a. Tax Parcel Number
  - b. Parcel Address
  - c. Owner Name
  - d. Owner Address
  - e. Amount & Type of Credit(s) Requested
  - f. The Name, Address & Telephone Number of the Contact Person
2. Certification of Proper Installation, Operation & Maintenance - The applicant shall provide written certification that the facilities that are the subject of the credit request are:

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- a. Constructed in accordance with plans submitted to obtain approvals for land subdivision or other government or agency permits.
  - b. Operated in a manner to assure that they function as intended.
  - c. Maintained in a manner to assure that they remain as constructed and function as intended.
3. Other Documentation - The party requesting credit(s) for the mitigation of runoff effects shall provide a hydrologic and/or hydraulic studies, plans, etc., that demonstrate, to the satisfaction of the Storm Water Utility that the measures taken or proposed meet the requirements for the credit(s) requested.
4. Storm Water Management Practices Maintenance Agreement