

City of Valdosta Stormwater Credit Application

Note: Please refer to the City of Valdosta website, www.valdostacity.com,
to download the latest version of this document

Check One:

- This is the first application for Credit for this property.**
- This is a reapplication for renewed Credit after a Credit suspension.**

If this is a first application, please address each question and provide all necessary documentation. Documentation may include, but not limited to copies of contracts, plans, proof of implementation, maintenance records, etc.

If this is a reapplication for renewed credit after a credit suspension, please complete Part I and provide all options listed in Part II that were suspended. Evidence that the deficiency resulting in the credit suspension was corrected for *at least three months prior to reapplication* must be attached to the reapplication.

PART I. GENERAL INFORMATION

1. Customer Contact Information:

Name/Title _____

Company _____

Address _____

Phone _____ E-mail _____

2. Property Parcel ID #(s): _____

3. Property Address/Description: _____

4. Authorized Representative (if applicable) Contact Information:

Name/Title _____

Address _____

Phone _____ E-mail _____

NOTE: Please provide specific responses to the following questions, using additional pages if necessary, to provide a complete and comprehensive application.

PART II. INDIVIDUAL CREDIT OPPORTUNITIES

Option 1. Integrated Non-Structural BMP Program Credit

Please refer to Section 2.2.3 in the Credit Manual and provide the necessary background information and documentation to prove that the following programs are in place and functioning on a continuing basis. Documentation may include items such as contracts, invoices, operating procedures, plans, maps, etc. All of the following criteria must be met to receive the complete 10% fee credit for this category. If any of the criteria listed below do not pertain to your non-residential property, please write “does not apply” followed by a description explaining the exception. If a representative other than the one identified under Part I is overseeing this component of the credit program, please provide the following information:

Name/Title, Address, Phone #, and e-mail address of the person responsible for coordinating non-structural BMPs, along with the time of day the person may be reached:

(BMP 1) Educational Program

1. Describe the audience(s) that will receive the water quality information, how the information will be selected and disseminated.
2. Describe where stormwater and water quality-specific educational information will be posted (provide picture if possible).

(BMP 2) On-Site Refuse Control Program

1. Identify where solid waste disposal and recycling information will be posted.
2. Describe your on-site recycling program (number of collection sites, types and volumes of materials recycled each year, collection frequency, recycling destination, etc.)
3. Describe how outdoor solid waste and recycling containers are protected from exposure to wind, rain, and snow and connection to storm drains.
4. Describe your refuse control plan.

(BMP 3) On-Site Stormwater System Maintenance and Cleaning Program

1. Using a site plan, identify the locations of stormwater management structures located on the property, but not in the public right-of-way.
2. Define the maintenance and cleaning schedule for each of the on-site stormwater structures:
 - Rain gutters:
 - Catch basins:
 - Curbs and gutters:
 - Outfalls:
 - Other structures (describe):

(BMP 4) Paved Area Sweeping Program

1. Provide a site plan that identifies the paved area being swept, define the frequency (days and times) of paved area sweeping, and describe the type of equipment used to complete the sweeping.
2. If using a contracted firm to conduct sweeping, please indicate the contract information (company name, address, contact person, telephone number, contract number, contract length, and contract expiration date).

(BMP 5) Used Motor Oil Recycling Program

1. Is used motor oil reprocessed on-site? Yes [] No []
2. If it is not reprocessed on-site, identify the name of the company that collects and/or recycles your used motor oil. (Provide company name, address, contact person, telephone number, contract number, contract length, and contract expiration date.)
3. Indicate the amount of used motor oil collected on-site each month.
4. Indicate where Valdosta's current list of used oil recycling sites will be displayed.

(BMP 6) Sanitary Sewer/Storm Drain Cross-Connection Inventory Program

1. Using a site plan, identify the locations of all sanitary and storm drain connection points and sanitary and storm drain line locations on the property.
2. If instances are found where sanitary sewage plumbing is connected to a storm drain, identify what steps were taken to eliminate the cross connection and the date the work was completed.

(BMP 7) Landscaping for Run-Off Rate Control and Water Quality

1. Provide a copy of a landscape maintenance plan that identifies what lawn and garden practices are utilized to reduce stormwater run-off rates and protect water quality, using the practices recommended in the Credit Manual as a baseline.
2. Describe the employee landscape management training plan or provide contract and contact information for firms contracted to complete landscape maintenance using the provisions in the landscape maintenance plan.

(BMP 8) Storm Drain Stenciling Program

1. Provide a copy of the decal or stencil that will be used to mark storm drains, if not using those provided by the City.
2. Provide a plan showing the location and number of storm drains labeled.
3. Provide a copy of the storm drain stencil maintenance plan that identifies annual inspections and maintenance for decals/stencils.

(BMP 9) Designated Vehicle Washing Area

1. Provide a plan showing the location of the proposed vehicle washing area. Plan must indicate site topography and show any existing storm drains and water courses.

BMPs Selected:

BMP	Description	YES	NO
1	Educational Program		
2	On-Site Refuse Control Program		
3	On-Site Stormwater System Maintenance and Cleaning Program		
4	Paved Area Sweeping Program		
5	Used Motor Oil Recycling Program		
6	Sanitary Sewer/Storm Drain Cross-Connection Inventory Program		
7	Landscaping for Run-Off Rate Control and Water Quality Program		
8	Storm Drain Stenciling Program		
9	Designated Vehicle Washing Area		

Note: A minimum of 6 BMPs must be implemented to be eligible for credit.

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Option 1. Integrated Non-Structural BMP Program Credit Awarded

_____ %
 (10% max)

 (Date)

 (Initials)

Option 2. NPDES Industrial Stormwater Permit Credit

1. Attach a copy of your NPDES Industrial Stormwater Permit.
2. Attach copies of water quality monitoring data with a comparison to the permit required discharge limits.
3. Attach data that defines discharge volumes, rates, and frequency of discharges.
4. Describe how the permitted discharges are providing a positive impact and value that complements the City’s stormwater management system goals and provide any supporting documentation.

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Option 2. NPDES Industrial Stormwater Permit Credit Awarded

_____ %
(5% max)

(Date)

(Initials)

Option 3. Other Non-Structural BMP Credit

1. Describe any additional non-structural approaches to improve water quality implemented by this customer, along with an assessment of its benefit to the City.

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Option 3. Other Non-Structural BMP Credit Awarded

_____ %
(5% max)

(Date)

(Initials)

Option 4. Education Credit

1. Provide copies of programs or agendas for environmental education sessions. Include information on the number of attendees, time(s), place(s), and topics covered during each session.
2. Provide planned questions for pre- and post-education surveys.
3. Provide copies of educational materials used for employees on water quality awareness and protection.
4. Provide copies of water quality-specific educational materials that will be posted. Indicate where the material will be posted.

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Option 4. Education Credit Awarded

_____ %
(5% max)

(Date)

(Initials)

Option 5. Stormwater Quality Control Structural BMP Credit Computation

1. Please attach the following items to show that the property meets the fee credit criteria. If applying for a credit for multiple BMPs, please attach additional required sheets.

- Site Plan(s) showing:
 - a. Property location with parcel boundaries
 - b. Impervious areas (IA)
 - c. Description and location of BMP(s)
 - d. Topography and drainage boundaries for BMPs and their associated % discharges
 - e. Drainage discharge locations to off-site properties (natural and constructed)

- BMP plans and design calculations
 - f. Total Site Area = _____ acres
 - g. Drainage Area (DA) to BMP = _____ acres
 - h. Estimates of Water Quality Control Volume (WQV) and Total Suspended Solids (TSS) yearly load, pursuant to City of Valdosta’s Land Development Regulations (LDR), accompanied by testing, modeling, design, and/or construction data supporting the estimates

2. Calculate the credit using the following equation:

If the BMP treats runoff from the site only:

$$\text{Credit} = \frac{(\text{Actual Permanent Pool Volume}) \times 0.20}{(\text{Required Permanent Pool Volume for your site})}$$

$$\text{Credit} = \left(\frac{\text{Ac-ft}}{\text{Ac-ft}} \right) \times 0.20 = \underline{\hspace{2cm}}$$

If the drainage area to the BMP is greater than the site, and includes upstream areas greater than 0.5 square miles, please provide the following:

Required Water Quality Volume for the entire tributary area to BMP: _____ (Ac-ft)

$$\text{Credit} = \frac{(\text{Actual Permanent Pool Volume}) \times 0.20}{(\text{Required Permanent Pool Volume for your site})}$$

$$\text{Credit} = \left(\frac{\text{Ac-ft}}{\text{Ac-ft}} \right) \times 0.20 = \underline{\hspace{2cm}}$$

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Option 5. Stormwater Quality Control Credit Structural BMP Awarded

_____%
(20% max)

(Date)

(Initials)

Option 6. Stormwater Volume Control Credit Computation

1. Please attach the following items to show that the property meets the fee credit criteria. If applying for credit for multiple BMPs, please attach additional required sheets.

- Site Plan(s) showing:
 - a. Property location with parcel boundaries
 - b. Impervious areas (IA)
 - c. Description and location of BMP(s)
 - d. Topography and drainage boundaries for BMPs or open spaces and their associated % discharges
 - e. Drainage discharge locations to off-site properties (natural and constructed)

- BMP plans and design calculations
 - a. Total Site Area = _____ acres
 - b. Drainage Area (DA) to BMP = _____ acres
 - c. Estimate of the Channel Protection Volume, pursuant to the City of Valdosta’s Land Development Regulations, accompanied by testing, modeling, design, and/or construction data supporting the estimates

2. For the flow generated on-site that is routed through this BMP or open space preservation area, calculate the Fee Credit using the following equations. **NOTE: In calculating a structural BMP or open space preservation Credit under this section, the applicant may not use the same area of the parcel for calculating both Credits.**

A. Structural BMPs

i.) Summarize the key points of the site sensitivity analysis to describe potential down gradient impacts to surface or ground water from drainage captured on-site.

ii.) If the drainage area to the BMP does not include additional upstream areas:

$$\text{Credit} = \left(\frac{\text{Actual Treatment Volume}}{\text{Required Treatment Volume for your site}} \right) \times 0.30$$

$$\text{Credit} = \left(\frac{\text{Ac-ft}}{\text{Ac-ft}} \right) \times 0.30 = \underline{\hspace{2cm}}$$

iii) If the drainage area to the BMP is greater than the site, and includes upstream areas greater than 0.5 square miles:

Required Channel Protection Volume for the entire tributary area to BMP: _____ (Ac-ft)

$$\text{Credit} = \left(\frac{\text{Treatment Volume}}{\text{Required Treatment Volume for your site}} \right) \times 0.30$$

$$\text{Credit} = \left(\frac{\text{Ac-ft}}{\text{Ac-ft}} \right) \times 0.30 = \underline{\hspace{2cm}}$$

Structural Credit = _____%

B. Preservation of significant vegetated open spaces for non-residential customers.

Parcel ID #	Parcel Size (acres)	% IA	Is the %IA < 25%? (circle one)	Credit Calculation = (100% - IA%) x (0.30)
			Yes or No	
			Yes or No	
			Yes or No	
			Yes or No	

Preservation Credit = _____%

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Option 6. Stormwater Volume Control Credit Awarded

Structural Credit and/or Preservation Credit = _____%
(30% max)

(Date)

(Initials)

Option 7. Zero Discharge Credit Option

Under exceptional circumstances, the City has the option to grant a special credit to those customers that do not discharge to the City’s stormwater system.

Does the BMP outlet discharge outside the City?

YES NO

Does the parcel have a positive discharge for the 25 year storm?

YES NO

The applicant shall provide supporting documentation including drainage design plans, topographic survey, hydrologic evaluation, and/or model results.

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Option 7. Zero Discharge Credit Awarded

Zero discharge Credit = _____%
(15% max)

(Date)

(Initials)

The application packet should consist of the completed application form and a copy of all necessary documentation, including the applicable site plans that will allow for a complete review of the site and existing stormwater management BMPs. Incomplete applications will not be processed.

Submit the application, plans, and calculations to:

**City of Valdosta – Engineering Department
Attn: Stormwater Manager
P.O. Box 1125
Valdosta, Georgia 31603**

Signature of Owner

Date

**Signature and Seal of Licensed Professional Engineer
Providing Hydrologic Evaluation**

Date

Summary Credit Calculation

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OPTIONS 1-7 (WITH MAXIMUM ADDITIVE CREDIT CAPACITY = 60%)

- 1. Integrated Non-Structural BMP Credit _____ (max 10%)
- 2. NPDES Industrial Stormwater Permit Credit _____ (max 5%)
- 3. Other Non-Structural BMP Credit _____ (max 5%)
- 4. Education Credit _____ (max 5%)
- 5. Stormwater Quality Control Structural BMP Credit _____ (max 20%)
- 6. Stormwater Volume Control Credit _____ (max 30%)
- 7. Zero Discharge Credit _____ (max 15%)

OPTIONS 1-7 CREDIT TOTAL _____ (max 60%)

Fee Credit Adjustment Factor = $1 - (\% \text{ credit}/100) =$ _____

NOTE: The minimum per parcel Fee = Residential Fee

(Date)

(Initials)