



## STORMWATER MANAGEMENT FEE CREDIT APPLICATION

### Complete and return application to:

North Lebanon Township  
725 Kimmerlings Road  
Lebanon, PA 17046

Phone: 717-273-7132  
Fax: 717-273-7672

### Property Information

Property Owner

Name(s):

*Last* *First* *M.I.*

*Last* *First* *M.I.*

Property Address:

*Street Address* *Apartment/Unit #*

*City* *State* *ZIP Code*

*Account Number (i.e. Tax Parcel No.)*

Mailing Address:

*Street Address* *Apartment/Unit #*

*City* *State* *ZIP Code*

Phone: ( ) Email Address:

Current number of ERUs assigned: \_\_\_\_\_

### Credit Classification

- ☐ Agricultural Homestead Exclusion Credit
- ☐ Single Family Residential (SFR) BMP Credit
- ☐ Non-Single Family Residential (Non-SFR) BMP Credit

### Agricultural Homestead Exclusion Credit

A	B	C <sup>1</sup>	D <sup>2</sup>
Impervious Area of Homestead (s.f.)	Current ERU Allocation	Homestead ERUs <sup>1</sup>	Adjusted ERU Allocation <sup>2</sup>
<i>Example: 14,556</i>	<i>12</i>	<i>4</i>	<i>9</i>

1 Homestead ERUs (C) = Impervious Area of Homestead (A) ÷ 3,755 (round to nearest whole number)

2 Adjusted ERU Allocation (D) = Current ERU Allocation (B) – Homestead ERUs (C) + 1 (Homestead counts as 1 ERU)

## STORMWATER MANAGEMENT FEE CREDIT APPLICATION

### BMP Types and Maximum Credit Available

**Table 1**

Best Management Practice (BMP) Type	Credit Value (%)	
	SFR <sup>1</sup>	Non-SFR <sup>2</sup>
Dry Detention Basin	50	25
Filter Strip for Stormwater Treatment	50	25
Wet Pond / Wetland	100	50
Dry Extended Detention Basin	100	50
Infiltration Practice with Sand and Vegetation	100	50
Filter Practice (Constructed Filters)	100	50
Bioretention Basin / Rain Garden	100	50
Vegetated Open Channel	100	50
Bioswale	100	50
Pervious Pavement	100	50
Stream Restoration	100	50
Riparian Forest Buffer	100	50

1 BMP must treat 75% of the property's impervious area or treat off-site impervious areas of more than 10,000 sq. ft. to apply.

2 Max total credit for Non-SFR property is 50%

BMP descriptions may be found in the Department of Environmental Protection's "BMP Effectiveness Values" Document, publication number 3800-PM-BCW0100m. The document may be accessed at [http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=11069&DocName=3800-pm-bcw0100m%20bmp%20effectiveness%20\(final\).pdf](http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=11069&DocName=3800-pm-bcw0100m%20bmp%20effectiveness%20(final).pdf)

### SFR Stormwater Credit Calculation

**SFR Credit Equation:**

From Table below, If  $B/C \times 100 \geq 75\%$  then  $D = A$ . If  $B/C \times 100 < 75\%$  then  $D = 0\%$  (credit does not apply)

Example 1:  $1,500/1,900 \times 100 = 78.9\% \geq 75\%$  therefore credit = 100%

Example 2:  $1,700/2,500 \times 100 = 68\% < 75\%$  therefore credit = 0% (credit does not apply)

BMP Type <sup>1</sup> (See Table 1)	A	B	C	D
	Max Credit Available for BMP Type (See Table 1)	Impervious Area that Drains to BMP (sq. ft.)	Total Impervious Area on Property (sq. ft.)	Credit
<i>Example 1: Rain Garden</i>	<i>100%</i>	<i>1,500</i>	<i>1,900</i>	<i>100%</i>
<i>Example 2: Dry Detention Basin</i>	<i>50%</i>	<i>1,700</i>	<i>2,500</i>	<i>0%</i>

1 If there are multiple BMP Types on SFR property, applicant shall call Township for assistance in calculating the credit.

## STORMWATER MANAGEMENT FEE CREDIT APPLICATION

### Non- SFR Stormwater Credit Calculation

#### Non-SFR Credit Equation:

From Table below,  $A \times B / C = D$

Example:  $25\% \times 5,000 / 10,000$  so Credit = 12.5%

BMP Type (See Table 1)	A	B	C	D
	Max Credit Available for BMP Type (See Table 1)	Impervious Area that Drains to BMP (sq. ft.)	Total Impervious Area on Property (sq. ft.)	Credit
<i>Non-SFR Example: Dry Detention</i>	<i>25%</i>	<i>5,000</i>	<i>10,000</i>	<i>12.5%</i>
		Total Credit Earned <sup>1, 2</sup>		

1 Total Credit Earned is the sum of column D not including the example.

2 Maximum total credit earned is 50% for non-SFR property.

### Required Documentation

Applications for Stormwater Management Fee credits shall be submitted with the following documents. Incomplete applications will be returned and not considered for further review until the information necessary to review the application and make a credit determination has been submitted.

#### Single Family Residential (SFR) Property

A legible sketch plan (may be hand drawn) on 8 1/2" x 11" paper which includes at a minimum the information noted below. Google Earth or other aerial photography may be used with dimensions and areas noted on the sketch.

- Approximate property boundaries
- Location and area of all existing impervious surfaces (buildings, patios, sidewalks, etc.)
- Location and description of stormwater best management practices (BMPs) including at least the BMP type (from chart above), approximate date of construction and BMP size (dimensions and area in square feet)
- Map delineating areas of impervious cover draining to each BMP facility on property
- Completed credit calculation on this form
- Photo(s) of the BMP(s)
- Executed Operation & Maintenance Agreement

## STORMWATER MANAGEMENT FEE CREDIT APPLICATION

### Non-Single Family Residential (Non-SFR) Property

- As-built plans or construction drawings at an accurate scale showing the installed BMPs on site.
- Approximate property boundaries
- Design documents or Engineering Analysis of the BMP(s)
- Location and description of stormwater best management practices (BMPs), including at least the BMP type (from chart on page 2), approximate date of construction and BMP size (dimensions and area in square feet)
- Map delineating areas of impervious cover draining to each BMP facility on property
- Completed credit calculation on this form
- Photo(s) of the BMP(s)
- Executed Operation & Maintenance Agreement

### Agricultural Homestead Exclusion

A legible sketch plan (may be hand drawn) on 8 ½" x 11" paper which includes at a minimum the information noted below. Google Earth or other aerial photography may be used with dimensions and areas noted on the sketch.

- Location and size of the proposed impervious area associated with the homestead within overall property boundary.

*I attest that the information included in this application is true and accurate.*

Signature: \_\_\_\_\_

## STORMWATER MANAGEMENT FEE CREDIT APPLICATION

### For Township Use Only

Received By: \_\_\_\_\_ Date Received: \_\_\_\_\_

#### Credit Application Determination

- ☐ Credit application is administratively complete      ☐ Credit application is administratively incomplete  
☐ Credit application is approved      ☐ Credit application is denied

Total Credit Earned: \_\_\_\_\_%

Homestead Exclusion Credit:

Assessed ERUs: \_\_\_\_\_

Adjusted ERUs: \_\_\_\_\_

Not Applicable: \_\_\_\_\_

Reviewer Comments:

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Reviewed By:

<i>Name</i>	<i>Signature</i>	<i>Title</i>	<i>Date</i>
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Approved By:

_____ <i>Chairman, Board of Supervisors</i>	_____ <i>Date</i>
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