

STORMWATER MANAGEMENT FEE CREDIT APPLICATION

Complete and return this form to:

City of Lancaster
 Department of Public Works
 120 North Duke Street, P.O. Box 1599
 Lancaster, PA 17608-1599
 Phone: 717-291-4739; Fax 717-291-4772
<http://cityoflancasterpa.com/government/stormwater>
 Email dblack@cityoflancasterpa.com

1. PROPERTY OWNER INFORMATION

Owner's Name _____
 Project Address _____
 Owner's Mailing Address _____
 Phone/Fax _____ Email _____
 Water Utility Account Number: _____
 Tier¹: _____ Impervious Area¹: _____

¹Tier and Impervious Area (IA) information can be found on the Stormwater Assessment Notice

Is this application for the renewal of credits: Yes _____ No _____

This form shall be used for both initial application and renewal.

2. STORMWATER CREDIT TYPES AND CALCULATION

The types of Credits available are described on the next page. Use this form for Structural, Non-structural and NPDES Credits. For education credits use the SMWF Credit Application – Education Program Form.

Percent Fee Reduction Equation: $A \times B \div C = D$

Example (below): $50\% \times 8000 \div 10000 = 40\%$

3. STRUCTURAL STORMWATER MANAGEMENT FACILITIES ELIGIBLE FOR CREDIT AND MAXIMUM AVAILABLE CREDIT

| | A | B | C | D |
|---|--|---|--------------------------------------|-----------------------|
| Credit Type <i>See Table on Back</i> | Maximum Credit Available for Credit Type <i>See Table on Back</i> | Total Square Feet Drainage Area <i>i.e., area of IA that drains to BMP</i> | Total Square Feet of IA ¹ | Percent Fee Reduction |
| Example: Rain garden/ bioretention | 50% | 8000 | 10000 | 40% |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | TOTAL % FEE REDUCTION | | | |

| Peak Rate (Flood) and Water Quality Facilities – 25% | Volume Controls/ Green Infrastructure - 50% |
|--|---|
| Constructed wetland | Pervious pavement with infiltration bed |
| Wet pond/retention basin | Rain garden/bioretention |
| Dry extended detention basin | Dry Well/Seepage Pit |
| Constructed wetland | Subsurface infiltration bed |
| Constructed Filter | Infiltration trench |
| Proprietary Water Quality Filters & Hydrodynamic Devices | Infiltration Berm & Retentive Grading |
| Vegetated Swale | Infiltration basin |
| Vegetated Filter Strip | Runoff Capture & Reuse – Cistern |
| Tree Trench with Soil Restoration or Amendment | Deep Stormwater Injection Well |
| Riparian Buffer Restoration | Green Roof |

REQUIRED DOCUMENTATION

Applications for structural SWM Fee credits shall be submitted with the following documents specific to their size. Incomplete applications will be returned and not considered for further review until all required information is submitted. Complete and attached the Facilities Schedule for all eligible stormwater management facilities.

Small Projects. A copy of an approved Small Projects (First Flush) permit shall be submitted, in addition to the photos of the facility. For facilities built before 2015 for which a Small Projects (First Flush) permit is not available, a legible sketch plan and photos shall be submitted. The sketch plan shall include, at a minimum, the following information:

- Project Name and Address
- Total lot area in square feet (Lot Area = Lot Width x Lot Depth)
- Location and area of all existing impervious surfaces (buildings, patios, sidewalks, etc.) including location of all structures on adjacent properties within 10 feet of proposed facilities.
- Location and description of existing stormwater management facilities (BMPs) including, at least, date of construction, BMP type, BMP size, BMP volume.
- Total impervious area in square feet, outlined on the sketch, managed by each stormwater management facility (BMP)

Large Projects and/or Land Developments. A copy of an approved, Large Stormwater Project Application, or the applicable Land Development Plan sheets shall be submitted, and photo(s) of facility or facilities. For facilities built before 2015 and did not have a stormwater permit or were not part of a land development, the following shall be submitted.

- Sketch Plan, drawn at an appropriate scale and showing the following:
 - Project Name and Address
 - Total lot area in square feet (Lot Area = Lot Width x Lot Depth)
 - Location and area of all existing impervious surfaces (buildings, patios, sidewalks, etc.) including location of all structures on adjacent properties within 10 feet of proposed BMP.

- Location and description of existing stormwater management facilities (BMPs) including, at least, date of construction, BMP type, BMP size, BMP volume.
- Total impervious area in square feet, outlined on the sketch, managed by each stormwater management facility (BMP)
- Notarized affidavit attesting the sketch is true and accurate to the best of applicant’s knowledge.
- Maps delineating drainage areas and/or watersheds, indicating overland flow paths with drainage flow arrows, and which impervious areas flow to the BMP(s).
- Photo(s) of BMP(s)
- Calculations to verify drainage system has capacity to meet the design criteria for the requested credit.
- Proposed maintenance schedule detailing property owner's maintenance activities for the stormwater facility.
- Copies of all annual inspection reports performed since the date of BMP installation.
- Executed right-of-entry agreement (See Stormwater Policy and Procedure Manual, Appendix B)

4. NON-STRUCTURAL STORMWATER BMPS ELIGIBLE FOR CREDIT

New and existing trees and downspout disconnection are eligible for credit. The maximum credit permitted is 15%.

Tree Canopy Credits. To be eligible for credits, new and existing tree canopy must meet the criteria in §6.6.1 in the SWMF Policies and Procedures manual. A site plan and photos showing the following information shall be submitted:

- Approximate location and species of all trees for which credit is being requested.
- Caliper of new trees measured at 6” – 12” from ground level.
- Diameter at breast height (DBH) of existing trees. DBH is measured at approximately 4 feet 6 inches from ground level. To determine diameter, measure the circumference of the tree. Convert the circumference measurement to diameter by dividing the circumference by pi ($d=C/\pi$; $\pi, \pi=3.14$).

Downspout Disconnection Credits. To be eligible for credits, the downspout disconnection must meet the criteria in §6.6.2 in the SWMF Policies and Procedures manual. A site plan and photos showing the following information shall be submitted:

- The location, size in square feet and dimensions of the receiving areas for disconnected downspout(s).
- Type(s) of vegetation planted in the receiving area.
- Slope of the receiving area.

5. NPDES INDUSTRIAL STORMWATER PERMITTED SITES shall submit a copy of an active, fully-compliant Industrial Stormwater NPDES Permit from the PA DEP. The maximum credit permitted is 15%.

I, as property owner or designee, hereby certify that the information contained in and attached to this application is true and accurate to the best of my knowledge and that the BMP(s) for which I seek credit are in good working order. I acknowledge that no person shall modify, remove, fill, landscape or alter any stormwater management BMPs, facilities, areas, or structures without the written approval of the City of Lancaster. I understand that false information may result in a notice of violation and/or termination of SWMF credits. I also authorize City representatives to enter my property, with no less than twenty-four-hour prior notice, to investigate or ascertain the condition of the stormwater management facilities on my property

Property Owner's/Agent Signature Date

Facilities Schedule. Complete for all on-site stormwater management facilities.

| | |
|---|--|
| CISTERN | |
| Impervious area treated | square feet |
| Cistern dimensions | length ____ ft. x width ____ ft. x height ____ ft. OR diameter ____ ft. x height ____ ft. |
| Cistern volume | cubic feet |
| Drawdown for use or release schedule | |
| DRY WELL | |
| Impervious area treated | square feet |
| Tank unit or perforated pipe dimensions | length ____ ft. x width ____ ft. x height ____ ft. OR diameter ____ ft. x height ____ ft. |
| Dimensions of stone buffer | length ____ ft. x width ____ ft. x height ____ ft. OR diameter ____ ft. x height ____ ft. |
| INFILTRATION TRENCH | |
| Impervious area treated | square feet |
| Diameter of perforated pipe | inches |
| Length of gravel trench | inches |
| Width of gravel trench | inches |
| Height of gravel trench | inches |
| PERMEABLE PAVERS | |
| Impervious area treated | square feet |
| Surface area of permeable pavers | square feet |
| Depth of bedding course | stone size thickness (inches) |
| Depth of base course | stone size thickness (inches) |
| RAIN GARDEN | |
| Impervious area treated | square feet |
| Surface area of rain garden | square feet |
| Ponding depth of rain garden | inches |
| Soil drains greater than 3.5" of water in 24 hours | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| TREE CANOPY | |
| Tree(s) species | |
| Quantity/size of new trees | Quantity Caliper inches |
| Total diameter at breast height (DBH) of existing trees | inches |
| DOWNSPOUT DISCONNECTION | |
| Impervious area treated | square feet |
| Dimensions of vegetated receiving area | length ____ ft. x width ____ ft. x height ____ ft. |
| Area of vegetated receiving area | square feet |
| Type of vegetation | |