

A credit of up to 25% is available for IA that directs runoff to a pervious area (i.e. grass/lawn). Downspouts must be disconnected from the storm sewer system. Downspouts must be directed across the lawn or a vegetated area, and in some cases, directed to a nonvegetated BMP, such as a French drain or infiltration pits/trenches. The credit is applied to the IA that either collects and or directs runoff to a pervious area.

Criteria for Rooftop Disconnection

1. The contributed area of rooftop to each disconnected discharge is 500 square feet or less.
2. The soil of the pervious area is hydrologic class C or better.
3. The overland flow path of the pervious area has a slope of 5% or less.
4. The percentage of roof area being disconnected based on the flow length over the pervious area. (see below)
5. The downspout is equipped with a splash pad or riprap dissipator.

Criteria for Pavement Disconnection

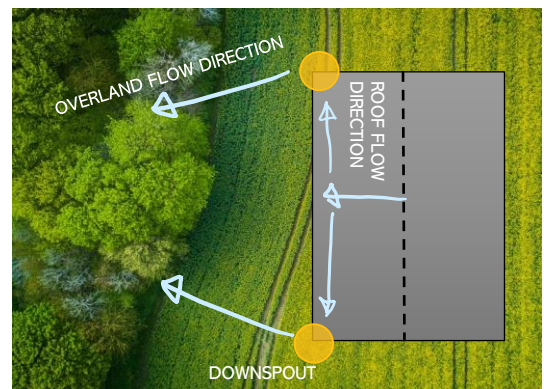
1. The contributed flow path over the impervious surface is no more than 75 feet.
2. The length of overland flow across lawn or pervious areas is greater than, or equal to, the length of the contributing flow path across the impervious area.
3. The overland flow is non-concentrated sheet flow over a vegetated area (flow through a swale is not eligible for pavement disconnection credit).
4. The soil of the pervious area is hydrologic class C or better.
5. The contributing impervious area has a slope of 5% or less.
6. The overland flow path of the pervious area has a slope of 5% or less.

Please provide photographic evidence of the downspouts showing the drainage to the lawn.

- If downspouts drain underground, please photograph downspout entering the ground.
- If downspout drains to an underground infiltration facility, please provide SWM drawings of the facility.

Required Documentation:

- ☐ Credit Application – no credit application fee
- ☐ Operation and Maintenance Plan
- ☐ Inspection Schedule and Reports
- ☐ Previous 1-year Maintenance Log
- ☐ Photographs of downspouts and/or French drains
- ☐ Aerial image/sketch to scale (see right for example)
 - ☐ Identify downspouts
 - ☐ Identify runoff flow direction on the roof to downspouts
 - ☐ Identify runoff flow direction discharging across lawn





1 square = _____ feet



Contact Information

POC Name: _____ Phone: _____
Address of POC: _____ Email: _____

Confirmation of Credit Conditions and STA Access Rights

Property owners who fail to comply with annual reporting requirements will not be eligible to receive credits for the property in the subsequent year. If at any time a complaint is received regarding the facility and the Township conducts an inspection where their findings show the facility is not functioning as designed or required maintenance has not been completed, the Township shall revoke credits of the facility until corrective actions have been completed. The Township will then conduct a second inspection and restore the credit if the facility has been corrected and is functioning as designed. Inspections and O&M will be submitted with each quarter henceforth until a year of proper care of the facility has been completed.

A detailed inspection schedule and maintenance schedule shall be developed. The maintenance schedule should include a step-by-step procedure on how the system (gutters and downspouts) shall be maintained to work in perpetuity. Include contact information of the person responsible for the O&M. Inspection and maintenance logs shall be maintained and submitted with an annual report to the Township June 30th of each year.

I, (please print name) _____ the undersigned, hereby agree to all conditions of the applicable Credits as outlined in the *Susquehanna Township Authority Stormwater Management Program Credit Manual*. Additionally, I agree that Susquehanna Township Authority representatives may, at reasonable times, enter my property to inspect the property or condition or operation of BMPs. The undersigned hereby certifies that the owner of record authorizes the credit request or has been authorized by the owner to make this application. The undersigned hereby agrees to meet the requirements to maintain the credit.

Signature: _____ Date: _____