

INSTRUCTIONS FOR STORMWATER MANAGEMENT SMALL PROJECT APPLICATION

No Zoning Permit can be or will be issued until a Stormwater Management Permit is approved and obtained. Building construction may not commence until a Zoning Permit is issued.

The following types of projects are eligible to apply for a Small Project stormwater approval:

Regulated activities that, measured on a cumulative basis from April 7, 2014,

- 1) Create new impervious areas of more than 1,000 square feet and less than 5,000 square feet,
- or,**
- 2) Involve earth disturbance activity of an area less than 5,000 square feet, and do not involve the alteration of stormwater facilities or watercourse.

Property & Contact Information

The information for the record owner of the property should be inserted in this section. The property location should generally be the property address where the work is being completed. For properties with an address, provide information describing where the property is located, such as “west side of X street, approximately 1,000 feet north of the intersection of B road.” The address under property owner should be the mailing address of the property owner.

Proposed Activity

Check whether the proposed activity is an earth disturbance or an addition of impervious surface. Complete the information under the one which is checked.

For projects involving the addition of impervious surface, the table should be completed to calculate the impervious area. Only proposed impervious surfaces should be included in the top of table. Include a description of the surface in the left. If the area is irregularly shaped, just enter the area and leave the length and width blank. The new impervious area that will be removed should be shown in the bottom portion of the table. The new impervious surface is calculated by adding all of the proposed impervious surfaces and subtracting any existing impervious surface to be removed.

Brief Description of Project

Please write a brief description of what is being proposed as part of the project.

Disconnected Impervious Area (DIA) Credit

A disconnected impervious area credit allows all or portions of new impervious surface to be deducted from the amount which must be managed when the runoff will be directed to a pervious surface which will all the runoff to infiltrate within the property.

If the project will be using DIA credits, check the box in this section and fill in the table. For the column “DIA Credit,” the following shall apply:

- 1) DIA Credit = 0.0 (completed disconnected – no runoff to manage) if a rooftop disconnection meets **all** the following requirements:
 - a. The overland flow path from roof runoff discharge point has a positive slope of 5% or less.
 - b. The length of the overland flow path is greater than 75 feet. (see partial disconnection if less than 75 feet)
 - c. Soils along the overland flow path are not classified as hydrologic group “D” (i.e. infiltration is at least 1 inch per day)
 - d. The receiving pervious area shall not include another person’s property, unless the area is part of a recorded easement and permission has been secured from the affected property owner.

- 2) Partial rooftop disconnection shall be determined as follows when the flow path is less than 75 feet.

Length of Pervious Flow Path* (feet)	DIA Credit Factor
Less than 15 feet	1.0
15 feet to less than 30 feet	0.8
30 feet to less than 45 feet	0.6
45 feet to less than 60 feet	0.4
60 feet to less than 75 feet	0.2
75 feet or more	0

*Pervious flow must be at least 15 feet from any impervious surface and cannot include impervious surfaces.

- 3) Other impervious surfaces may be considered completely disconnected (DIA Credit=0.0) if the following requirements are met:
 - a. The contributing flow path over impervious area is not more than 75 feet.
 - b. The length of overland flow is greater than or equal to the maximum length of flow over the impervious area.

- c. The slope of the contributing impervious area is 5% or less.
- d. The slope of the overland flow path is 5% or less.
- e. If discharge is concentrated at one or more discrete points, no more than 1,000 square feet may discharge to any one point. In addition, a gravel strip or other spreading device is required for concentrated discharges. For non-concentrated discharges along the entire edge of a paved surface, a level spreader is not required; however, there must be provisions for establishment of vegetation along the paved edge and temporary stabilization of the area until the vegetation is established.

At the bottom of the table, add the impervious area column to calculate the total proposed impervious surface are to be managed.

Stormwater Management Volume

Enter the total impervious are to be managed in the table. This should be the number from the end of the DIA calculation section, or if no DIA Credits are used, it is the new impervious surface at the bottom of the table on page 1. Multiply the impervious are to be managed by 0.083 (1 inch of rainfall converted to feet) to calculate the volume of stormwater to be managed in cubic feet.

Techniques to Manage Stormwater Volume (BMPs)

The application must demonstrate how the volume calculated above will be managed through the installation of BMP's, such as planting of new trees, installation of seepage bed for infiltration, or other approved methods. Check the box for any BMP's that are proposed and complete the calculations to determine the volume which will be managed.

If other types of BMP's are proposed, the application must include calculations to demonstrate how the stormwater management volume was calculated.

Add the volume which will be managed from all types of BMP's at the bottom of this section. The total managed volume must be equal to or exceed the required volume of stormwater to be managed which was calculated above.

Owner Acknowledgement

Please carefully read the requirements which go along with the application. After reading, sign the form and write the current date next to your signature.

Small Project Sketch Plan

The application form must be accompanied by a sketch plan which includes all of the following:

- (a) Name and address of landowner and/or developer.
- (b) Date of Small Project Application submission.
- (c) Name of individual and/or firm that prepared the sketch if different than the landowner and/or developer.

- (d) Location and square footage of proposed impervious area or land disturbance.
- (e) Approximate footprint and location of all structures on adjacent properties if located within 50 feet of the proposed impervious area or land disturbance.
- (f) Approximate location of existing stormwater management facilities if present.
- (g) Location and description of proposed stormwater management facilities.
- (h) Direction of proposed stormwater discharge (e.g. with arrows).
- (i) Scale and north arrow.
- (j) Approximate location of Erosion & Sedimentation (E&S) control practices
 - a. E&S Best Management Practices (BMP's) are activities, facilities, measures planning, or procedures used to minimize accelerated erosion and sedimentation to protect, maintain and restore the quality of waters and the existing and designated uses of waters within the Commonwealth during earth disturbance activities.
 - b. Examples include but not limited to silt socks, silt fence, straw mulch, erosion control blanket, sediment trap, rock construction entrance, inlet filter bag, and/or vegetative stabilization.
- (k) Selected Stormwater BMPs shall be designed, constructed, and maintained in accordance with the manufacturer's recommendation, the *PA Stormwater Management BMP Manual*, or other written guidance acceptable to Mount Joy Borough.
 - a. Recommendation- For Small Project Stormwater Management Plans, soil testing is highly recommended to select and apply the appropriate Stormwater BMPs. The use of soil maps, infiltration tests, and/ or percolation tests may provide the applicant basic information about soil characteristics.

Filing Fee and Submission

The filing fee for a small project application is \$175.00, payable to Mount Joy Borough, and shall be submitted at the same time as the aforementioned application and sketch plan. An application is not considered complete without the required filing fee.

Submission of the foregoing shall be made at the Mount Joy Borough Municipal Building, 21 E. Main Street, Mount Joy, PA 17552, on any business day between the hours of 7:00 A.M. and 4:00 P.M.

Review Process

The Enforcement Officer shall, within 30 days from receipt of an application for a stormwater small project, issue a permit or disapprove the application and transmit the decision in writing to the applicant.

Mount Joy Borough may inspect all Stormwater BMP's during and after construction or installation