

ABINGTON TOWNSHIP STORMWATER MANAGEMENT ORDINANCE INFORMATION

Abington Township requires Stormwater Management on all regulated activities that may affect stormwater runoff. Projects in which the applicant is proposing additional impervious surface, a Stormwater Management (SWM) Permit will be required. Impervious surfaces (like a shed, addition, driveway, walkway, or anything covered by impenetrable materials such as asphalt, concrete or most building materials) are an environmental concern because it eliminates rainwater infiltration and natural groundwater recharge and creates additional stormwater flow onto neighboring properties, streets and/or storm networks.

Basically, any project in which the applicant is proposing additional impervious surface, a SWM Permit will be required. A project with a proposed impervious surface area of:

- 0 to 250 sq. ft.; will require a seepage pit, rain garden or rain barrels. (Rain barrels can only be used on a residential property, a minimum of two [2] rain barrels is required and each rain barrel must be fifty [50] gallons or larger). Rain Barrels may NOT be used for any SWM project greater than 250 sq. ft.
- 251 sq. ft. to 1,000 sq. ft.; will require a seepage pit, rain garden or infiltration trench. Soil erosion control methods are also necessary and must be implemented at the time of construction. In most instances the plan must show existing conditions, proposed improvements, the location of the SWM system, calculations, details, soil erosion control, etc. A professional plan does not have to be prepared, but is encouraged.
- 1,000 sq. ft. or more, the applicant must submit SWM plan(s) & report, an existing conditions plan, and a soil erosion control plan; all which must be designed, signed and sealed by a licensed professional engineer. Also, the applicant is required to conduct infiltration testing by a PA licensed soils testing agency, in the general location of the proposed SMW system to ensure adequate percolation. The results of the test must be presented to the Township, along with the Stormwater Management Report.

SUBMISSION REQUIREMENTS

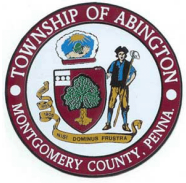
The applicant must submit a diagram which will need to specify the type, the location and the size of the SWM system and show how the rain water is getting to the system. They must provide calculations as to how they arrived at the size of the SWM system (*). A detail of the SWM system must also be provided (*). Whatever type of system you plan to use, it must be 4' from any property line or Right-of-Way/Easement line and 10' from any permanent structure. (* a blank calculation sheet and a standard seepage pit detail can be provided upon request.)

The PLAN or DIAGRAM is a description of the proposed stormwater facilities, including types of materials to be used, total square footage of proposed impervious areas, volume calculations, and a simple sketch plan showing the following information:

- Location of proposed structures, driveways, or other paved areas with surface area in square feet.
- Location of any existing or proposed onsite septic system and/or potable water wells showing proximity to infiltration facilities.

These are just some basic SWM Ordinance information. All of the stormwater management requirements can be found in Chapter 142 of the Abington Township Ordinance; which can be found on-line here:

<https://ecode360.com/AB0569>. Any stormwater management questions may be directed to Scott Marlin, Engineering Assistant, at 267-536-1018 or SMarlin@AbingtonPA.gov



TOWNSHIP OF ABINGTON

Engineering Department

APPLICATION FOR RAIN BARRELS 267-536-1043 or Engineering@AbingtonPA.Gov

Date: _____ Property Location: _____

Parcel No.: 30-00- _____ Owner(s): _____

Applicant Name: _____

Applicant Mailing Address: _____

Applicant Phone No.: _____ Email: _____

REQUIREMENTS:

- Two (2) rain barrels are required; each with a minimum capacity of fifty (50) gallons.
- Rain barrels can only be used for projects up to 250 s.f. of impervious surface. Projects over 250 s.f. impervious surface will require an "Application for Seepage Pit/Dry Well/Rain Gardens."
- Rain barrels must be installed before the project is complete.
- Rain barrels can be purchased at most lawn & garden centers.
- The applicant must contact Engineering at 267-536-1018 for inspection of rain barrels.

Application Fee: \$50.00

Inspection Fee: \$15.00

Total: \$65.00

Engineering Department

Applicant

OFFICE USE ONLY

Alternative BMP to Capture and Reuse Stormwater

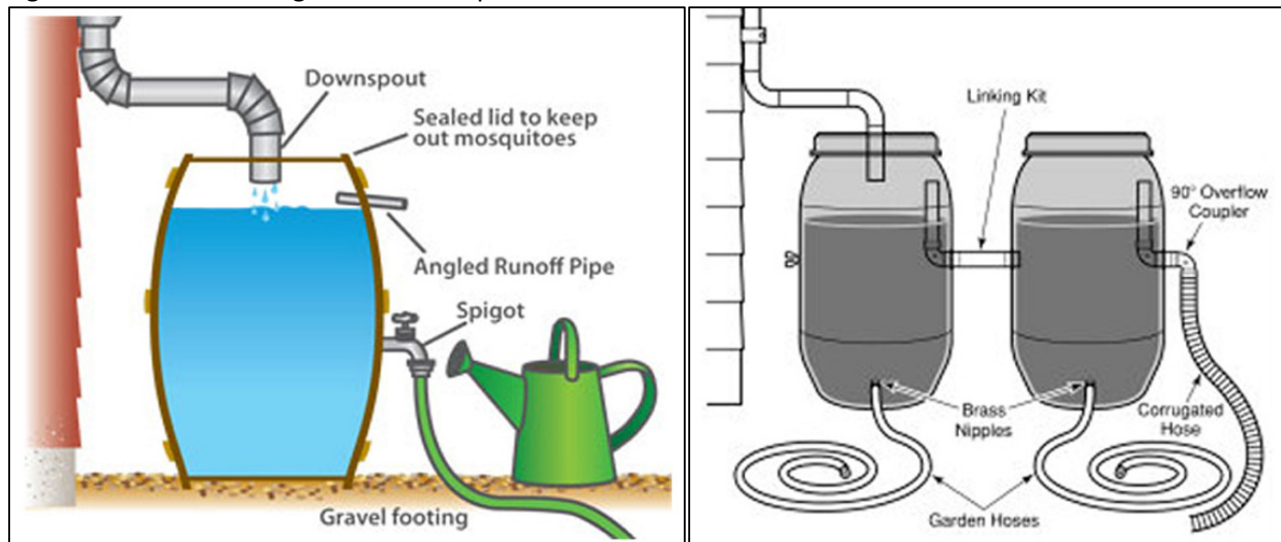
Rain Barrels (Allowable only for projects of 250 sq. ft. or less)

Rain barrels are large containers that collect drainage from roof leaders and temporarily store water to be released to lawns, gardens, and other landscaped areas after the rainfall has ended. Rain barrels to be used should be a minimum of 50 gallons in size. Typical barrels range from 50 and 200 gallons in size. It is not recommended for rain barrels to be used as a volume control BMP because infiltration is not guaranteed after each storm event. For this reason, a rain barrel is not utilized in the site plan example. However, the information is included to provide an alternative for a homeowner to utilize when considering capture and reuse storm water methods.

Design Considerations:

- Rain barrels should be directly connected to the roof gutter/spout.
- There must be a means to release the water stored between storm events to provide the necessary storage volume for the next storm.
- Use screens to filter debris and cover lids to prevent mosquitoes.
- An overflow outlet should be placed a few inches below the top with an overflow pipe to divert flow away from structures.

Figure 6: Rain Barrel Diagram and Examples



Sources: (left image) <https://www.lakecountyl.gov/ImageRepository/Document?documentID=10886>

(right image) <http://dublinohiousa.gov/dev/dev/wp-content/uploads/2013/04/rain-barrel-diagram.jpg>