

SHEFFIELD TOWNSHIP SUPERVISORS
PO BOX 784
20 LEATHER STREET
SHEFFIELD, PA 16347-0784

Phone (814) 968-3906

sts@westpa.net

Date: _____
Tax Parcel: _____

SHEFFIELD TOWNSHIP
STORMWATER MANAGEMENT PLAN APPLICATION

Applicant Name: _____

Mailing Address: _____

Phone Number: _____

E-Mail Address: _____

Description of Work Proposed: _____

Location of Proposed Work: _____

Tax Parcel Number of Work Proposed: _____

Size of New Impervious Area Proposed: _____

Construction of any type that is 100-1,000 square feet is exempt from the SWM Ordinance, however an application must be filed and the fee is \$25.00

1,000 to 2,500 s.f., Applicant must provide Small Project SWM Application \$125.00

2,500 to 5,000 s.f., Must provide Volume Controls & Small Project SWM Application. \$125.00

Larger than 5,000 s.f., Applicant must provide Full Storm Water Management Plan. Fee determined at time of review.

ATTACH SMALL PROJECT SWM APPLICATION; OR STORM WATER MGMT PLAN

SHEFFIELD TOWNSHIP APPROVAL:

_____ Date: _____ Fee: _____

CONSULTING ENGINEER APPROVAL:

_____ Date: _____

SHEFFIELD TOWNSHIP, Warren County Small Project Stormwater Management Application

Per Sheffield Township's Act 167 Stormwater Management Ordinance, a stormwater management plan is required whenever more than 2,500 square feet of impervious surface is proposed. Impervious surfaces are areas that prevent the infiltration of water into the ground and shall include, but not be limited to, roofs, patios, garages, storage sheds and similar structures, and any new streets or sidewalks.

To Calculate Impervious Surfaces Please Complete This Table					
Surface Type	Length (ft)	X	Width (ft)	=	Proposed Impervious Area
Building (leading to a downspout)		X		=	
		X		=	
		X		=	
		X		=	
Driveway		X		=	
		X		=	
		X		=	
Parking Areas		X		=	
		X		=	
		X		=	
Patios/Walks		X		=	
		X		=	
		X		=	
		X		=	
Other		X		=	
		X		=	
		X		=	
Total Impervious Surface Area to be managed (sum of all areas)					

If the Total Impervious Surface Area is LESS THAN 2,500 Square Feet, read, acknowledge and sign below.

If the Total Impervious Surface Area EXCEEDS 2,500 Square Feet, complete the remainder of the Application.

Based Upon the information you have provided a *Stormwater Management Plan IS NOT required* for this regulated activity.

Property Owner Acknowledges that submission of inaccurate information may result in a stop work order or permit revocation. Acknowledgement of such is by signature below. I declare that I am the owner or owner's legal representative. I further acknowledge that the information provided is accurate and employees of Sheffield Township are granted access to the above described property for review and inspection as may be required.

Owner

Date:

Calculate DIA Credit & Required Capture Volume									
Surface Type	Proposed Impervious Area (from previous sheet)	X	DIA Credit Factor	=	Impervious Area to be managed	÷		=	Required Capture Volume (ft³)
Building (area per downspout)		x		=		÷	6	=	
		x		=		÷	6	=	
		x		=		÷	6	=	
		x		=		÷	6	=	
Driveway		x		=		÷	6	=	
		x		=		÷	6	=	
		x		=		÷	6	=	
Parking Areas		x		=		÷	6	=	
		x		=		÷	6	=	
		x		=		÷	6	=	
Patios/Walks		x		=		÷	6	=	
		x		=		÷	6	=	
		x		=		÷	6	=	
		x		=		÷	6	=	
Other		x		=		÷	6	=	
		x		=		÷	6	=	
		x		=		÷	6	=	
Total Req'd Capture Volume									

Credit 2: TREE PLANTING

Perhaps the best BMP is a tree as they intercept rainfall, increase evapotranspiration and increase time of concentration. A portion of the required capture volume can be reduced provided the criteria are met.

CREDITS

Deciduous Trees	Evergreen Trees
6 ft ³ per tree planted	10 ft ³ per tree planted

Criteria

To receive credit for planting trees, the following must be met:

- Trees must be native species (see below), minimum 1" caliper tree and 3 feet tall shrub (min).
- Trees shall be adequately protected during construction.
- Trees shall be maintained until redevelopment occurs.
- No more than 25% of the required capture volume can be mitigated through the use of trees.
- Dead trees shall be replaced within 12 months.
- Non-native species are not applicable.

	Req'd Capture Volume (ft ³)
-	Tree Planting Credit (ft ³)
	Capture Volume to be managed (ft ³)

Sizing of BMP

	How much of the Volume will you manage with a Rain Garden?
+	How much of the Volume will you manage with a Sump or Trench?
	Capture Volume to be managed (ft ³)

Enter the volumes into the **Small Project SWM Plan Worksheet** on the next sheet.

Native Species Trees (Common Name)

- | | |
|--------------------------------------|---|
| - Blackgum | - Oak, (white, swamp white, scarlet, pin, red, black) |
| - Cucumber magnolia | - Dogwood (silky or red osier) |
| - Hophornbeam | - Tuliptree |
| - Maple, (sugar, red or silver) | - Willow, black |
| - Pine, (pitch or eastern white) | - Chokeberry (red or black) |
| - Ironwood | - Basswood, American |
| - Hickory, sweet pignut or shag-bark | - Serviceberry, (downy or shadbush) |
| - Sycamore, American | - Elderberry |
| - Cotton-wood, eastern | - Witch hazel |
| - Aspen, big-tooth or quaking | - Mountain laurel |
| - Cherry, black | |

Small Project SWM Plan Worksheet

Based upon the information you have provided a **Stormwater Plan IS Required** for this development activity. The Stormwater Management Ordinance developed through the Warren County Act 167 Stormwater Management Plan regulates compliance requirements for Stormwater Management in this jurisdiction. A complete copy of the Plan can be found on the Warren County Planning & Zoning office.

Regulated activities shall be conducted only after Sheffield Township approves a stormwater management plan. The Warren County Act 167 Stormwater Management Plan will assist you in preparing the necessary information and plans for Sheffield Township to review and approve. **This document will constitute an approved plan if all of the relevant details are to be installed in their entirety AND no part of the stormwater system adversely affects any other property, nor adversely affect any septic systems or drinking water wells on this, or any other, parcel.** If an alternative system is to be used a plan will need to be submitted to Sheffield Township for approval. A design by a qualified professional may be required for more complex sites.

PLEASE INITIAL BELOW TO INDICATE THE STORMWATER MANAGEMENT PLAN FOR THIS SITE

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Minimum Control #1 Erosion & Sediment Pollution Control (Elements 1-10)

Minimum Control #2: Source Control of Pollution

Minimum Control #3: Preservation of Natural Drainage Systems and Outfalls

The relevant details from Warren County Act 167 Stormwater Management Plan will be installed in their entirety AND the system will be located as not to adversely affect other property, nor any septic systems or drinking water wells on this, or any other, parcel.

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To meet this requirement, the following will be installed and maintained:

Capture Volume to be managed (ft ³)			Conversion	Surface Area of BMPs (ft ²)
	By Rain Garden 6" ponding; 2' soil depth	x	1.20	
	Dry Well or Infiltration Trench 2½' aggregate depth	x	1.25	
	Total		Total	

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In lieu of meeting the above, an alternative and/or professional design is attached for approval AND the system will be located as not to adversely affect other property, any septic systems or drinking water wells on this, or any other, parcel.

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Site Sketch Plan showing:

- Property lines with dimensions
- Proposed buildings with dimensions
- Proposed impervious surfaces with dimensions
- Proposed septic system, if applicable
- Proposed well site, if applicable
- Proposed stormwater management system(s)

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Operation and Maintenance Agreement

Condition on approval - The stormwater management plan must be fully implemented prior to a request for final inspection of the building or zoning permit.

Acknowledgement - By executing below, the Owner acknowledges the following:

- I declare that I am the owner of the property.
- The information provided is accurate.
- I further acknowledge that municipal representatives are granted access to the above described property for review and inspection as may be required.

Owner

Date: