



# TOWNSHIP of LIGONIER

Office of the Supervisors

One Municipal Park Drive | Ligonier, PA 15658 | Ph: 724.238.2725 | Fax: 724.238.3711

## SMALL PROJECT APPLICATION

<b>PROPERTY OWNER INFORMATION</b>			
Name(s):			
Address:			
Telephone:			
Email:			
<b>APPLICANT/DEVELOPER INFORMATION (IF DIFFERENT FROM PROPERTY OWNER)</b>			
Name(s):			
Address:			
Telephone:			
Email:			
<b>LAND DEVELOPMENT &amp; PROPERTY INFORMATION</b>			
	<b>PROJECT SITE MANAGEMENT</b>	<b>OFF-SITE MANAGEMENT</b>	
Site/Project Names			
Tax Map ID:			
911 Address:			
Zoning:			
Proposed Use:			
Total Parcel(s) Acreage:			
Disturbed Acreage/ Project Site Acreage			
Fee Amount:	<b>\$150.00</b>		
<b>MUNICIPAL &amp; COUNTY APPROVALS (INDICATE OTHER REQUIRED APPROVALS)</b>			
Building Permit:		Major Subdivision:	
Planning Approval:		Minor Subdivision:	
Zoning Variance:		None:	

Print Name

Signature

Date

<b>SMALL PROJECT BEST MANAGEMENT PRACTICE (BMP) DESIGN INFORMATION</b>				
<b>Regulated Impervious Area Determination</b>				
		<b>Area (sq. ft.):</b>	<b>Multiply By:</b>	<b>Total:</b>
(1)	Existing Impervious Area (sq. ft.):		<b>0.2</b>	
(2)	Additional Impervious Area (sq. ft.):			
(3)	<b>Regulated Impervious Area (sq. ft.):</b> <b>Row (1) + Row (2) = Row (3)</b>			
<b>BMP Volume Determination</b>				
		<b>Row (3)</b>	<b>Multiply By:</b>	<b>Total:</b>
(4)	Total Volume Captured:		<b>0.0833</b>	
<i>(BMP Total Storage Volume should be equal to Row (4))</i>				
	Address:			
		<b>Row (4)</b>	<b>Multiply By:</b>	<b>Total:</b>
(5)	Total Volume Infiltrated or Retained:		<b>0.5</b>	
<i>(Set all outlets at or above elevation to ensure the volume in Row 5 if applicable)</i>				
<b>BMP Selection and Sizing ( Refer to Guidelines for Sizing Charts)</b>				

	<b>BMP Type</b>	<b>Volume Captured</b>	<b>Volume Infiltrated/Retained</b>
(A)	Dry well		
(B)	Infiltration Trench		
(C)	Rain Garden		
(D)	Grading Feature		
(E)	Other		
<b>Total (A – E)</b>			
<b>Row (4)</b>			
<b>Row (5)</b>			
<b>Net Difference</b>			
<i>(Subtract each Row from Total of (A-E). If result is 0 or greater then volume requirements are met)</i>			

**Owner/Applicant Certification**

Upon signing this application, the owner does hereby grant permission to LIGONIER TOWNSHIP, its staff, and/or agent(s) to enter upon the above-mentioned parcels for the purposes of site-inspection(s) until such time as the application is formally withdrawn; or if development activities are implemented, so long as developed facilities exist. The property owner also agrees that all installed stormwater management BMPs shall be operated and maintained in perpetuity and shall run with the land. An Operation and Maintenance Agreement shall be executed by the property owner and Township which shall be recorded at the Westmoreland County Recorder of Deeds Office.

Signature of Owner(s) \_\_\_\_\_ Date \_\_\_\_\_

Signature of Owner(s) \_\_\_\_\_ Date \_\_\_\_\_

(If different from Owner)

Signature of Applicant(s) \_\_\_\_\_ Date \_\_\_\_\_

Signature of Applicant(s) \_\_\_\_\_ Date \_\_\_\_\_

**SMALL PROJECT APPLICATION CHECKLIST**

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**YES NO N/A**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Exhibit D.1 – Sketch Plan

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Exhibit D.2 – BMP Sizing Guideline

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Small Project Fee - \$150.00 made payable to “Ligonier Township”



# SMALL PROJECT APPLICATION

## BMP Sizing Guidelines

### Exhibit D.2

**Guideline Review:** The following information is provided to assist the Property Owner/Applicant/ Developer in selecting a Best Management Practice (BMP) consistent with the Ordinance. The Owner/Applicant/Developer may use multiple BMPs to meet required Capture and Infiltration/Retention Volume control. The Owner/Applicant/Developer may use alternative BMPs not listed here if desired by should follow PA DEP Guidelines when selecting alternative BMPs. Innovative practices should be reviewed with the Township prior to submitting the Small Project Application.

Use additional sheets as necessary to calculate additional quantities of the same BMP.

Dry Well (BMP A)					
Depth	Width	Length	Total	Multiply Total by 0.4 for Volume Control	Volume Captured
				<b>Total (D x W x L) x 0.40 =</b>	
				<b>Total (D + A) x 0.40</b>	
Area (S.F.)					
Refer to PA Stormwater Best Management Practices Manual, BMP 6.4.6					

Infiltration Trench (BMP B)							
Pipe							
Dia. (in)	Length	Multiply by Conv. Factor	Pipe Volume (4)				
6"		0.196 (cf/ft)					
8"		0.349 (cf/ft)					
12"		0.785 (cf/ft)					
<b>TOTAL PIPE VOLUME (1)</b>							
Stone Bedding							
Depth	Width	Length	Total Stone Bed (2)	Total Pipe Volume (1)	Deduct Pipe Volume (2)-(1)=(3)	Multiply Total by 0.4 for Volume	Stone Bed Volume (5)
Infiltration Trench Volume							
Pipe Volume (4)			Stone Bed Volume (5)		(4) + (5) = Total		
Refer to PA Stormwater Best Management Practices Manual, BMP 6.4.4							

# SMALL PROJECT APPLICATION

## BMP Sizing Guidelines

### Exhibit D.2

<b>Rain Garden (BMP C)</b>		
<b>Pond Bottom Surface Area (sq. ft.) (1)</b>	<b>Depth to lowest Outlet (ft) (2)</b>	<b>Volume (3) = (1) x (2)</b>
<b>Pond Bottom Surface Area (sq. ft.) (4)</b>	<b>Soil Depth (ft) (5)</b>	<b>Volume (6) = (4) x (5) x 0.4</b>
<b>Total Volume (3) + (6)</b>		
Refer to PA Stormwater Best Management Practices Manual, BMP 6.4.4		

<b>Grading Features (BMP D)</b>		
<b>Surface Area (sq. ft.) (1)</b>	<b>Depth to lowest Outlet (ft) (2)</b>	<b>Volume (3) = (1) x (2)</b>

<b>Other (BMP E)</b>
Owner/Developer shall provide sufficient detail to describe proposed Best Management Practice (BMP) and volume requirement when utilizing other BMPs not listed in Exhibit D.