

# Upper Makefield Township

1076 Eagle Road | Newtown, PA 18940 | p 215.968.3340 | f 215.968.9228 | [www.uppermakefield.org](http://www.uppermakefield.org)

## FLOODPLAIN DEVELOPMENT PERMIT

Date Received:		TAX MAP PARCEL NUMBER: 47-_____			
<b>Applicant Information</b>					
Name:		Email:			
Address:		Phone#:			
		City/Zip			
<b>Owner Information</b>					
Name:		Email:			
Address:		Phone#:			
		City/Zip			
<b>Contractor Information</b>					
Name:		Email:			
Address:		Phone#:			
	City/Zip:	Contractor PA Registration #:			
<b>Project Information</b>					
Location of Project:		Estimated Cost of Project:			
Lot:	City/Zip:	Flood Related Costs (if Appropriate):			
Project Description:		Market Value of Building Before Flood (if Appropriate):			
<b>Development Activities</b>					
Type of Structure:		Type of Structure Activity:			
<input type="checkbox"/>	Residential (1 to 4 families)	<input type="checkbox"/>	New Structure **		
<input type="checkbox"/>	Residential (More than 4 families)	<input type="checkbox"/>	Addition to Existing Structure **		
<input type="checkbox"/>	Non-Residential	<input type="checkbox"/>	Alteration of Existing Structure**		
<input type="checkbox"/>	Elevated	<input type="checkbox"/>	Relocation of Existing Structure **		
<input type="checkbox"/>	Floodproofed	<input type="checkbox"/>	Demolition of Existing Structure		
<input type="checkbox"/>	Combined Use (Residential and Non-Residential)	<input type="checkbox"/>	Replacement of Existing Structure		
Other Development Activity:		** If the value of an addition or alteration to a Structure equals or exceeds 50% of the value of the structure before the addition or alteration, the entire structure must be treated as a substantially improved structure. A relocated structure must be treated as a new construction.			
<input type="checkbox"/>	Excavation (not related to a Structural Development listed in Part A.)				
<input type="checkbox"/>	Clearing				
<input type="checkbox"/>	Placement of fill material				
<input type="checkbox"/>	Grading			<input type="checkbox"/>	Drainage improvement (including culvert work)
<input type="checkbox"/>	Mining			<input type="checkbox"/>	Individual water or sewer system
<input type="checkbox"/>	Drilling			<input type="checkbox"/>	Roadway or bridge construction
<input type="checkbox"/>	Dredging			<input type="checkbox"/>	Other Development not listed – Please Specify:
<input type="checkbox"/>	Watercourse alteration				

**Complete if Project Located Within Floodplain Area**

What Floodplain Area is project located in?	Floodway <input type="checkbox"/>	AE <input type="checkbox"/>	A <input type="checkbox"/>	Adjoining Streams, ponds or lakes <input type="checkbox"/>
Is property floodplain information available?	Documented floodplain information with Federal, State, other acceptable sources or Hydrologic and Hydraulic Analysis	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Provided
Documented Compliance with the following Acts:	PA Sewage Facilities Act (Act 1966-537, as amended)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Provided
	PA Dam Safety and Encroachments Act (Act 1978-325, as amended)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Provided
	PA Clean Streams Act (Act 1937-394, as amended)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Provided
Project Located in a Designated Floodway?	Demonstrate through a Hydrologic and Hydraulic Analysis that encroachment would not result in increased flood levels.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Provided
New Construction	DEP Permit	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Provided
Project Located in a Designated AE District?	Demonstrate development will not increase the base flood elevation.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Provided
New Construction 50 feet landward from the top-of-bank of any watercourse.	DEP Permit	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Provided

**Project Documentation Requirements if Project Located Within Floodplain Area**  
 (All Provision of Upper Makefield Township Ordinance Number 305, shall be in Compliance.)

1. A plan of the entire site, drawn at a scale of one (1) inch being equal to one hundred (100) feet or less.
2. Plans of all proposed buildings, structures and other improvements.
3. Detailed information concerning any proposed flood proofing measures and corresponding elevations.
4. A document, certified by a registered professional engineer or architect, which states that the proposed construction or development has been adequately designed to withstand the pressures, velocities, impact and uplift forces associated with the base flood. Such statement shall include a description of the type and extent of flood proofing measures which have been incorporated into the design of the structure and/or the development.
5. Demonstrate all materials that are buoyant, flammable, explosive, or in times of flooding, shall be stored at or above regulatory flood elevation or flood proofed to the maximum extent possible. The amount, location and purpose of any materials or substances referred to in Sections 5.03.F and 5.04 which are intended to be used, produced, stored or otherwise maintained on site.
6. A Description of the safeguards incorporated into the design of the proposed structure to prevent leaks or spills of the dangerous materials or substances listed in Section 5.04 during a base flood.

Applicants Signature \_\_\_\_\_ Date \_\_\_\_\_

Applications and supporting documents can be submitted via email to [codeoffice@uppermakefield.org](mailto:codeoffice@uppermakefield.org)

**SECTION II: (To be completed by Floodplain Administrator)**

**FLOOD INFORMATION**

1. The proposed development is located on FIRM map panel: \_\_\_\_\_ (number and suffix)
2. The date on the FIRM is \_\_\_\_\_
3. The proposed development is located in Zone: \_\_\_\_\_ (Floodway, A, AE, or adjoining streams, ponds or lakes)
4. Is the proposed development located in either of the following zones? Floodway, A, AE or adjoining streams, ponds or lakes  
 YES     NO    *If NO, no permit floodplain development is required.*

5. If the proposed development is located within either Zone AE, is it also located within a "regulatory floodway"?  
 YES     NO
7. If YES, a **No Rise Certificate** is necessary before proceeding.
8. If NO, continue.

*If the proposed development is located within Zones A, AE, or shaded X (critical facilities only), apply the criteria of the Flood Damage Prevention Ordinance to minimize flood damages to the proposed Development and to adjacent properties as well.*

For structures, the provisions of the ordinance specify that the lowest floor, including utilities, be elevated \_\_\_\_\_ above the base flood elevation. Therefore, it is necessary that the following information be provided:

1. Base flood elevation at the site: \_\_\_\_\_ feet above mean sea level (MSL)
2. Vertical datum used in the Flood Insurance Study, on flood maps and in surveys is \_\_\_\_\_
3. Source of the base flood elevation (BFE)  
 FIRM (flood map)  
 Flood Insurance Study Profile # \_\_\_\_\_  
 Other sources of the BFE (specify): \_\_\_\_\_
4. Proposed lowest floor elevation (including utilities): \_\_\_\_\_ feet above MSL  
(This elevation must be greater than the BFE. For non-residential structures, flood proofing may be used for protection. See ordinance for details.)

The following documents may be required. *Check applicable.*

- Maps and plans of the development
- An **Elevation Certificate**<sup>3</sup> – required for all structures
- A **Flood proofing Certificate**<sup>3</sup> – required if flood proofing a non-residential structure
- A **No-Rise Certificate**<sup>3</sup> – if the proposed development is in a "regulatory floodway"
- An elevation study showing BFEs on developments exceeding 50 lots or 5 acres in Zone A
- A copy of **Wetlands Permit** from the U.S. Army Corps of Engineers if required; and other local, state, federal permits.
- Other permits: \_\_\_\_\_

<sup>3</sup>Certificates require completion by a Professional Land Surveyor or Registered Professional Engineer, as indicated.

( ) Denied ( ) Approved: \_\_\_\_\_

Flood Plain Administrator: \_\_\_\_\_ Date \_\_\_\_\_