



## Shoreland and Floodplain Application and Worksheet

<p><b>Site Address</b></p> <p><b>Parcel ID</b></p> <p><b>Owner Name</b></p>	<p><i>Land Use Tech</i></p> <p><b>FLOODPLAIN TYPE</b></p> <p><input type="checkbox"/> Flood Fringe</p> <p><input type="checkbox"/> Floodway</p> <p><input type="checkbox"/> General Flood Plain</p> <p><b>SHORELAND</b></p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p><b>Project Description</b></p>	

**BUILDING ELEVATION REQUIREMENTS**

- In floodplain areas, lowest floor including crawlspace must be at least 2 feet above the base flood elevation (BFE + 2.)
- In Shoreland areas, the lowest floor including crawlspace must be at least 3 feet above the ordinary high water level (OHWL + 3.)
- Where land is in both floodplain and Shoreland areas, the more restrictive elevation requirement applies.

**SUBMITTAL REQUIREMENTS**

In addition to other project submittal and site plan requirements, in Shoreland and Floodplain areas, the following additional items must be provided:

- Site plan showing – 3 copies
  - All existing and proposed structures and impervious surfaces
  - Dimensions from existing and proposed structures and impervious surfaces to OHWL
  - All areas of land disturbance and volume of proposed fill
  - All natural vegetation, trees and shrubs on the property
  - Identification of vegetation trees and shrubs to be disturbed and restored
- Complete Erosion Control Permit application
  - Unless project does not include any land, vegetation or tree disturbance
- Building elevation information, including copy of source of information – 3 copies
- For construction in the floodplain, plans prepared by a MN licensed engineer complying with MN State Building Code requirements for construction in the floodplain. – 2 copies

**REMOVAL OF NATURAL VEGETATION, TREES AND SHRUBS, DISTURBANCE OF SHORELAND BUFFER**

- For grading and filling of more than 250 sq feet or placement of over 10 cubic yards of material within a *shore impact zone*<sup>2</sup>:
  - Stormwater management required
  - Shoreline buffer restoration plan required
- Removal of natural vegetation shall prevent erosion and maintain Shoreland aesthetics.
- Removal of trees or shrubs in a contiguous path, strip, row or block is prohibited.
- Natural vegetative buffers<sup>3</sup> shall be restored to the extent feasible after any project is complete.

<sup>2</sup>*Shore impact zone: 50% of required structure setback but not less than 50 feet.*

<sup>3</sup>*Naturally vegetative buffer: The area that is the entire length of the shore and 50 feet in depth.*

**KNOWN ELEVATION INFORMATION AND REQUIREMENTS** *City Engineering or Surveyor*

Base Flood Elevation (BFE) =                      or                      Ordinary High Water Level (OHWL) =  
 RFPE (BFE+2) =                                      or                                      OHWL + 3 feet =

**PROPOSED ELEVATION INFORMATION** *The following information to be provided by applicant*

Proposed lowest floor (including crawl space) elevation=

Existing lowest floor (including crawl space) elevation, if applicable=

**Source of proposed elevation information**

- Survey** *Attach copy of survey*                       **GIS mapping** *Attach copy of map*  
 **Building elevation certificate** *Attach*                       **Derived from City Engineering data**  
*Attach drawing and other info with site plan*

*Land Use Tech*

**SHORELAND SETBACK REQUIREMENTS FROM ORDINARY HIGH WATER LEVEL (OHWL)**

*Measured at closest point to structure or impervious surface*

Type	STRUCTURE OHWL Setback Required <sup>1</sup>	IMPERVIOUS SURFACE OHWL Setback Required
<input type="checkbox"/> General Development	50 feet	50 feet
<input type="checkbox"/> Natural Environmental	75 feet	50 feet
<input type="checkbox"/> Coldwater	150 feet	50 feet
<input type="checkbox"/> None		

<sup>1</sup>Except commercial, mixed and industrial uses in harbor areas shown in UDC Figure 50-18.1.3 shall meet 25 feet required setback.

Proposed structure setback:

Proposed impervious surface setback:

*Land Use Tech*

<b>Land Use Technician:</b>	<b>Does the existing building comply with Floodplain and Shoreland regs?</b>	<b>Building code review for flood construction required?</b>
	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Building Elevation Certificate Required?</b>	<b>Erosion Control Permit App Received?</b>	<b>Complete Site Plan Received?</b>
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	<input type="checkbox"/> Yes <input type="checkbox"/> No