Shoreland and Floodplain Application and Worksheet

<table>
<thead>
<tr>
<th>Site Address</th>
<th>Land Use Tech</th>
</tr>
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<tbody>
<tr>
<td>Parcel ID</td>
<td></td>
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<tr>
<td>Owner Name</td>
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</tbody>
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Project Description

**FLOODPLAIN TYPE**
- [ ] Flood Fringe
- [ ] Floodway
- [ ] General Flood Plain

**SHORELAND**
- [ ] Yes
- [ ] No

**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*:
  - 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 shall be restored to the extent feasible after any project is complete.

*Shore impact zone: 50% of required structure setback but not less than 50 feet.*
*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

<p>| | |</p>
<table>
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<tbody>
<tr>
<td>Base Flood Elevation (BFE) =</td>
<td>or</td>
</tr>
<tr>
<td>RFPE (BFE+2) =</td>
<td>or</td>
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</table>

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
- [ ] Building elevation certificate  Attach
- [ ] GIS mapping  Attach copy of map
- [ ] 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

<table>
<thead>
<tr>
<th>Type</th>
<th>STRUCTURE</th>
<th>IMPERIOUS SURFACE</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>OHWL Setback</td>
<td>OHWL Setback</td>
</tr>
<tr>
<td></td>
<td>Required¹</td>
<td>Required</td>
</tr>
<tr>
<td>General Development</td>
<td>50 feet</td>
<td>50 feet</td>
</tr>
<tr>
<td>Natural Environmental</td>
<td>75 feet</td>
<td>50 feet</td>
</tr>
<tr>
<td>Coldwater</td>
<td>150 feet</td>
<td>50 feet</td>
</tr>
<tr>
<td>None</td>
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¹Except 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

Does the existing building comply with Floodplain and Shoreland regs?
- [ ] Yes
- [ ] No
- [ ] Not Applicable

Building code review for flood construction required?
- [ ] Yes
- [ ] No

Erosion Control Permit App Received?
- [ ] Yes
- [ ] No
- [ ] Not Required

Complete Site Plan Received?
- [ ] Yes
- [ ] No

Errol Engineering 2.0(b)