

WORKSHEET 2: MITIGATION

In order to satisfy the requirements of Section 8.009 and 8.011 of the Sauk County Shoreland Protection Ordinance the following two requirements are required: **1)** Installation of an engineer certified/designed stormwater control system that is designed to handle a two-year 24-hour (2.8 inch) rainfall event for the area (square footage) of impervious surface on your lot in EXCESS of 15%. **2)** Choose at least one option from the table of mitigation options shown below. Mitigation and stormwater control is required whenever a property owner requests a County Shoreland Land Use Permit for construction on a “waterfront” property where the proposed construction is located within 300 feet of the edge of the water (ordinary highwater mark) and involves any of the following:

- ⇒ **You need to complete this worksheet because (Per Section 8.009 of the Sauk County Shoreland Protection Ordinance) your percent impervious surface area (Line 28, Worksheet No.1) is greater than 15% but is less than or equal to 30%.**
- ⇒ **You need to complete this worksheet because (Per Section 8.011(4) of the Sauk County Shoreland Protection Ordinance) any portion of your horizontal expansion of the principle structure is located anywhere between 35-75 feet from edge of the water.**
- ⇒ **You need to complete this worksheet because (Per Section 8.011(6) of the Sauk County Shoreland Protection Ordinance) any portion of the proposed principle structure relocation project is located anywhere between 35 and 75 feet from the water.**

NOTE: When selecting a mitigation option or options, please be aware that you will be required to both successfully install and maintain the option(s) you have chosen. The mitigation options used in the Sauk County Shoreland Protection Ordinance offer the land owner an option to develop their properties in excess of the statewide standards in exchange for establishing or maintaining a shoreline buffer area and/or for agreeing to other measures that the County determines adequate to offset the impact of the aforementioned construction project(s) on water quality, shoreline aquatic habitat, upland wildlife habitat and natural scenic beauty. The mitigation measures are designed to offset the environmentally-negative impacts on the shoreline and water resulting from these projects.

OPTION SELECTED	MITIGATION OPTION
<input type="checkbox"/>	Installation or restoration of a Shoreland Buffer Zone to County vegetative buffer standards (Per Section 8.013(5)(a) of the County Shoreland Protection Ordinance.)* <input type="checkbox"/> Woodland Buffer <input type="checkbox"/> Prairie Buffer
<input type="checkbox"/>	Evaluation and replacement of a private, on-site waste treatment system that was installed prior to July 1, 1980.
<input type="checkbox"/>	Wetland restoration or creation.
<input type="checkbox"/>	Elimination of non-conforming accessory structures (e.g. garages, sheds, boathouses, sidewalks, stairways, walkways, patios, decks, retaining walls, porches, and fire pits.) This option may require the removal of several accessory structures to be considered proportional in scope with the proposed project’s impact.
<input type="checkbox"/>	Removal of other shoreland modifications and items such as seawalls, beaches, or impervious surfaces. This option may require the removal of several modifications or items, or both, to be considered proportional in scope with the proposed project’s impact.
<input type="checkbox"/>	Relocating a non-conforming principal structure to a conforming location.
<input type="checkbox"/>	Elimination of existing erosion and sedimentation on areas that have surface drainage towards the water.

* Creating and maintaining a Shoreland Buffer Zone that meets the vegetation densities listed in the County Shoreland Ordinance. The buffer requirement includes the installation and maintenance of trees, shrubs, groundcovers and other natural vegetation. The shoreland buffer zone is an area of land located between the edge of the water and landward thirty-five (35) feet. The establishment of a (Woodland or Prairie) primary buffer zone is subject to the density standards listed in Section 8.013(5)(a) of the County Shoreland Protection Ordinance (See below).

- ❖ If you choose to establish a “**Woodland Buffer**” the buffer must consist of a minimum of (1) tree, two (2) shrubs, fifty (50) groundcover plugs and specified additional groundcover seedings per each one hundred square feet (100 sq. ft.) of primary buffer zone area [Primary Buffer Zone Area = Width of your lot at 35 ft. from the water X 35].
- ❖ If you choose to establish a “**Prairie Buffer**” the buffer must consist of a minimum of 0.2 trees, 0.5 shrubs, seventy (70) groundcover plugs and specified additional groundcover seedings per each one hundred square feet (100 sq. ft.) of primary buffer zone area [Primary Buffer Zone Area = Width of your lot at 35 ft. from the water X 35].