

Shoreland Mitigation Requirements

An Explanation

You are starting a project that requires (by state and county laws) that you mitigate the impact your property development has to the aquatic and shoreland environment. Your plans for mitigation must be reviewed and approved by the Land & Water Conservation Department before any project permits will be issued. Mandatory items for your project mitigation shall include:

- Evaluate and upgrade, if necessary, any existing sanitary systems on the property in accordance with current County, WI Dept of Health Services and WI Dept of Safety & Professional Services regulations;
- Implement standard erosion and storm water runoff control measures;
- Accumulate at least 2 points from among a list of possible mitigation options (listed below); and
- Complete and record with the Douglas County Register of Deeds a “Shoreline Mitigation/Preservation Affidavit.” The recording of the Affidavit will ensure that future landowners are aware of and comply with the mitigation plan on file.

Shoreland mitigation is required by law.

However, if you are curious about why shoreland mitigation is important to humans and the environment, there are several resources including knowledgeable people and publications that we can provide to you. Just ask.

Mitigation Options – You must choose items to accumulate at least 2 points (referenced as a requirement prior to obtaining a permit for your project in the list above):

<u>Mitigation Option</u>	<u>Points</u>
a) Maintenance of an existing shoreland buffer area extending 35 feet landward from the “ordinary high water mark” of lakes, rivers or streams	2.0
b) Restoration of the shoreland buffer area extending 35 feet landward from “ordinary high water mark” of lakes, rivers or streams	2.0
c) Restoration of native vegetation along both sideyards, minimum of 5 feet wide measured perpendicular to the lot line for the entire length of the lot	0.5
d) Removal of legal pre-existing accessory buildings from within the shoreland setback area	1.0 (per building)
e) Use of exterior building materials or treatments that are inconspicuous and blend with the natural setting of the site	0.5
f) Removal of waterward improvements (seawalls, dockage, artificial sand beach, etc.) and/or restoration of emergent aquatic vegetation (*1 pt for each distinct removal/restoration effort)	1.0*
g) Any other mitigation that is deemed appropriate by the Zoning Administrator may be used to meet the mitigation requirement of Zoning Ordinance 9.4(2)(a)	Variable

SHORELAND MITIGATION

Shoreline Buffer Restoration / Maintenance Plan

You are starting a project that requires (by state and county laws) that you mitigate the impact your property development has to the aquatic and shoreland environment.

Your plans for mitigation must be reviewed and approved by the Douglas County Land & Water Conservation Department before any project permits will be issued.

You have reviewed the mitigation options available, and in order to accumulate 2 points of mitigation, have chosen to restore and maintain your shoreline buffer. This application will guide you through that process.

In order to create a shoreline buffer restoration/maintenance plan, you have three options:

- 1) create the plan yourself*;
- 2) hire a private consultant to create the plan for you*; or
- 3) request the Douglas County Land & Water Conservation Department prepare your plan for you for a fee.

*If you have chosen option 1 or 2 above, please note you may need to pay a fee to Douglas County for plan review and site inspection.

Also, there is a filing fee (\$30) to record the "*Shoreline Mitigation/Preservation Affidavit*" with the Register of Deeds Office.

PLEASE REMEMBER

Shoreland mitigation is required by law.

However, if you are curious about why shoreland mitigation is important to humans and the environment, there are several resources including knowledgeable people and publications that we can provide to you. Just ask.

**DOUGLAS COUNTY LAND AND WATER CONSERVATION DEPARTMENT
1313 BELKNAP STREET, ROOM 206, SUPERIOR, WI 54880
715-395-1380 / FAX 715-395-7643 / www.DouglasCountyWI.org**

APPLICATION FORM

Shoreland Mitigations, Stormwater Management, Non-Metallic Mining Reclamation, Erosion Control and Plan Reviews

Date of application: _____

Property Owner _____ Daytime Phone: _____

Mailing Address _____ City _____ State _____ Zip _____

E-Mail Address _____

Agent Name _____ Daytime Phone: _____

Mailing Address _____ City _____ State _____ Zip _____

E-Mail Address _____

SITE INFORMATION:

Property Address: _____ Town of _____

Legal Description: _____

Tax Parcel No. _____ Section _____ T _____ R _____

Waterbody: _____ Buffer Depth (ft): _____

TYPE OF ASSISTANCE REQUESTED:

\$ Cost

Design, Inspection & Review of Residential Shoreland Mitigation and/or Stormwater Mgmt. Plan	450
Design, Inspection & Review of New Shoreland Mitigation and/or Stormwater Management Plan Required for Compliance (Failure on Previous Plan)	450
Inspection and Review of Residential Shoreland Mitigation and/or Stormwater Management Plan (plan designed by property owner or third party)	250
Inspection and Review of Non-Metallic Mine Reclamation Plan	1,250
Design, Inspection & Review of Shoreline Erosion Control Plan (Rip Rap Design)	500
Recording Fee – Shoreland Mitigation / Preservation Affidavit	30
TOTAL	

Services provided may include: site visits, compilation of supporting documentation, development of a certifiable plan or written review, and final report provided to the landowner and the Zoning Department.

The Douglas County Land & Water Conservation Department will try to complete plans and reviews within ten working days of receiving the completed application, fee, and/or site plan. Notice will be given to the landowner and the Zoning Department if this timeline cannot be met.

PERMIT NO: _____

AMOUNT PAID _____ **DATE PAID** _____

RECEIPT NUMBER _____ **VENDOR NUMBER** _____

DOUGLAS COUNTY ZONING – LAND CONSERVATION
1313 BELKNAP STREET, ROOM 206, SUPERIOR, WI 54880
715-395-1380 / FAX 715-395-7643

SHORELINE BUFFER RESTORATION / MAINTENANCE PLAN

Review "Mitigation Measures" in Douglas County Ordinance (Ord 8.4, 9.41-9.46). Choose appropriate measures. Copies of shoreland restoration guides, native plant lists, local greenhouses and local contractors are available from the Zoning Office or the Land Conservation Department.

Date of application: _____

Property Owner _____ Daytime Phone: (____) _____

Mailing Address _____ City _____ State _____ Zip _____

E-Mail Address _____

Property Address: _____ Town of _____

Legal Description: _____

Tax Parcel No. _____

Waterbody: _____ Buffer Depth (ft): _____

Type of Shoreland Buffer: ____ Woodland ____ Prairie ____ Wetland

Viewing & Access Corridor: 35 ft. wide per 100 ft. of shoreline (may run contiguously) or 35% of the lot width

RESTORATION This plan is being submitted as a Shoreland Restoration Plan. Ordinance Section 9.42 (below) will be used to determine minimum number of species and densities to be planted. Native species must be used.

9.42 – Table 1. Shoreland Buffer Planting Schedule

Layer	WOODLAND BUFFER		PRAIRIE BUFFER		Area Credits
	Minimum number of species	Density per 100 square feet	Minimum number of species	Density per 100 square feet	
Tree Canopy	3	1	2	0.2	Existing tree canopy edge viewing corridor
Shrub Understory	4	1.5	2	0.5	Existing shrub understory wet edge viewing corridor
Groundcover Plant Plugs	1	70	5	70	Existing well-vegetated native ground cover
Groundcover seeding	1	Varies	5	Varies	Existing well-vegetated native ground cover

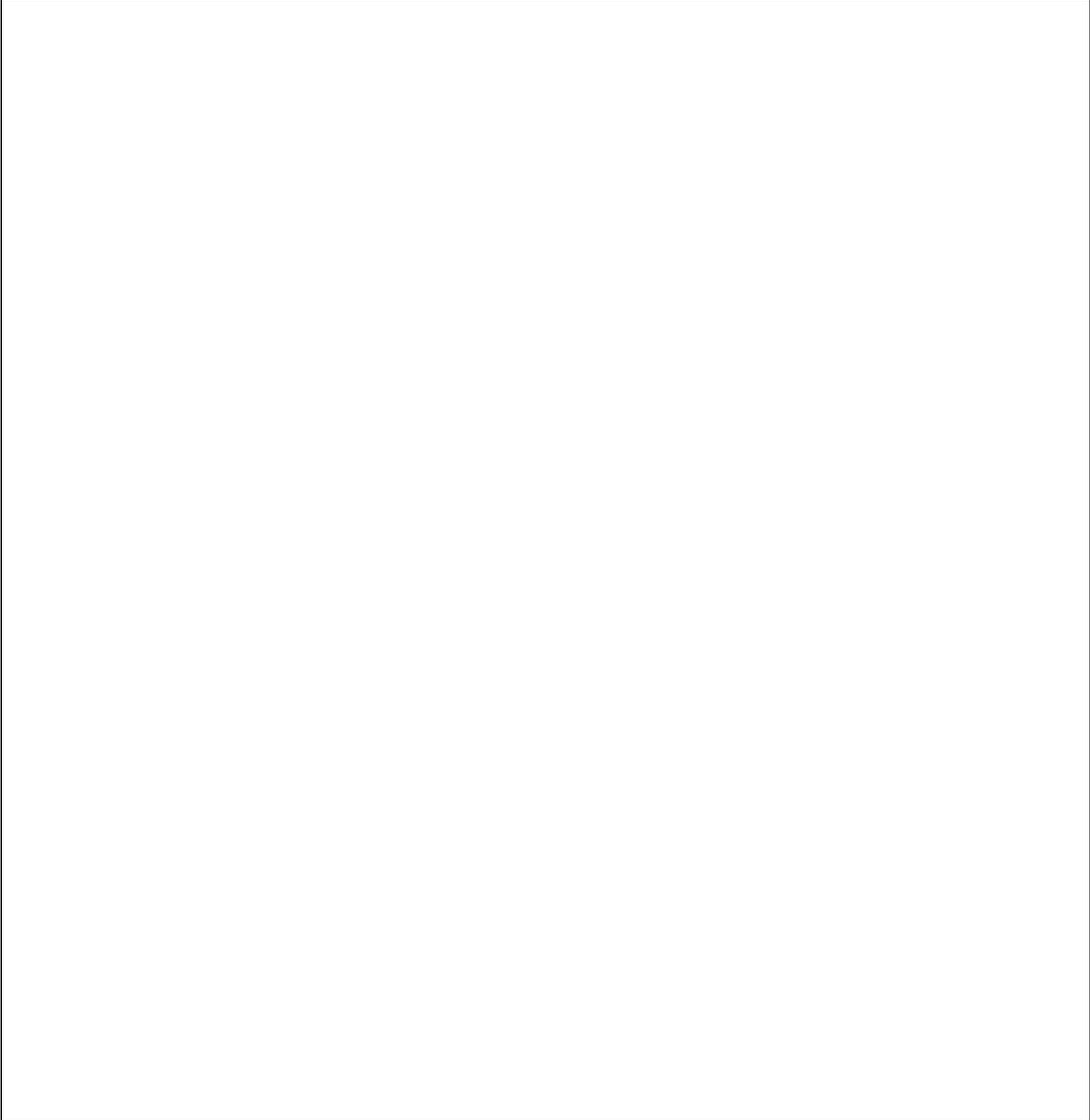
MAINTENANCE This plan is being submitted as a maintenance plan of existing shoreland buffer, showing existing vegetation and "no-mow" areas.

Property Address: _____ Town of _____

Tax Parcel I.D.: _____ Date _____

North

Buffer Restoration / Maintenance Sketch



South

Property Address: _____ Town of _____

Tax Parcel I.D.: _____ Date _____

CHECKLIST - Buffer Sketch (page 2) Must Contain the Following Elements

_____ Scale (e.g. 1 inch = 10 feet)

_____ North Arrow

_____ Ordinary High Water Mark (OHWM)

_____ Location of all structures in the shoreland buffer zone

_____ Viewing and access corridor (max 35' wide)

_____ Boundary of the shoreland buffer zone

_____ Existing trees, shrubs, and native ground cover

_____ Areas to be planted with trees shrubs and groundcovers

_____ Water diversions and channelized flow areas

_____ No-mow area (if applicable)

Plant Species List: (if planting and/or seeding)

Implementation Schedule: (when will planting take place, when will mowing cease, how will new trees and shrubs be established, etc.)

Buffer Maintenance Schedule: (watering, weeding, pruning, protection from deer browse of new trees and shrubs, replacement of trees and shrubs that die, etc.)

Approved by Zoning Administrator (signature required): _____ Date _____

Approved by Land Conservation (signature required): _____ Date _____

SHORELAND MITIGATION/PRESERVATION AFFIDAVIT

**** USE ONLY BLACK INK ON THIS FORM**

Agreement Date <i>(Must be same as the notarization date)</i>	Governmental Unit <p style="text-align: center;">DOUGLAS COUNTY</p>
Riparian Owner(s) <i>(please print)</i>	Permit Number

Legal Description of Property:

DO NOT WRITE IN THIS SPACE

Name and return address:
Douglas County Zoning Department
Tax Parcel Number: <i>(required)</i>

As an inducement to the County of Douglas to issue a zoning permit in accordance with Section IX Douglas County Shoreland Ordinance for the above described property, owner(s) agree to do the following:

1. Owner(s) agrees to conform to all applicable requirements of the General Code of Ordinances for Douglas County, 8.4 Shoreland Zoning Ordinance Sec. VI & IX, relating to shoreland vegetative buffer zone establishment, restoration enhancement and/or preservation. The definition of a vegetative buffer zone is: An area along, and parallel to, the ordinary high water mark, approximately one half the distance from the ordinary high water mark to the building setback line, that is either undisturbed or restored with native vegetation that provides or will provide natural features and functions for fish and wildlife habitat, water quality protection and scenic beauty.
2. The owner(s) agrees to allow authorized representatives of Douglas County to enter upon the owner's property at the above description to inspect the structure(s) authorized by permit and to determine if the shoreland vegetative buffer meets the definition of a qualified buffer or if it has been fully restored and maintained as indicted by the owner's plan.
3. If applicable, owner(s) agrees that Douglas County may revoke the permit and order removal of the structure(s) authorized conditionally by said permit if, upon inspection, the shoreland vegetative buffer, as approved in the owner's plan, has been removed, destroyed, degraded and/or reduced in size below the minimal requirement. Said buffer shall remain and be preserved upon this described property in perpetuity.
4. If applicable, owner(s) agrees that removal of the structures authorized by the 59.692 WI Stats permit and/or Douglas County Shoreland Ordinance IX permit will not void this agreement or authorize the removal, destruction, degradation and/or reduction in size of the shoreland vegetative buffer.
5. This agreement shall be binding upon the owner(s), their heirs, successors and assigns. The owner(s) shall submit the agreement to the Douglas County Zoning Office and the agreement shall be recorded by the Register of Deeds in a manner which will notify any individual referencing the deed to the property as to the existence of this agreement.

Property Owner(s) Name(s) - Please Print	<h3 style="margin: 0;">ACKNOWLEDGMENT</h3>
Notarized Property Owner's Signature(s)	STATE OF WISCONSIN)) ss. _____ County)
Governmental Unit Official Signature <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> Stephen D. Rannenberg, Planning & Zoning Administrator	Personally came before me on _____, the above-named _____ _____ to me known to be the person(s) who executed the foregoing instrument and acknowledged the same. _____ * _____ Notary Public, State of Wisconsin My Commission <input type="checkbox"/> Is Permanent / <input type="checkbox"/> Expires _____