
SHORELINE EROSION PROTECTION

To ensure your proposal is reviewed in a timely fashion, it is important to provide as much information as possible. If sufficient information is missing, this could delay the review process. Please use the check list below to help guide you through submitting **ALL** the necessary information.

ITEMS REQUIRED WHEN SUBMITTING A PROPOSAL:

- ___ **Application:** filled out at Red River Planning District office.
- ___ **Waiver:** provided by the planning office, to be signed by all registered owners on title.
- ___ **Completed “check list for permit applications”:** provided by planning office.
- ___ **Letter:** general letter indicating request for protection.
- ___ **Site Plan:** a simple drawing of approximate distances (for example: distance between lake & home), a certified survey would be preferred.
- ___ **Photos:** assortment of photos from different angles (this is not mandatory but is helpful).
- ___ **Map:** location of property (can be obtained from the planning office).
- ___ **Type of protection you propose:** this should be provided by your contractor. This information should indicate general parameters of the proposed structure. For example Length, width, depth, material to be used, type of equipment to be used, date of Construction, cross section drawing, etc.
- ___ **Cheque:** payable to “Red River Planning District”, Debit or Cash.
- ___ **Geotechnical Report** prepared by a certified professional geotechnical engineer is required and must include the following information:
 - Impact of the proposed work on neighbouring properties
 - Comments on the design of the protection
 - Comments on water control and bank stabilization
 - Letter of responsibility from the geotechnical engineer indicating they will review the work and follow up with a letter of verification upon completion

**Shoreline Erosion Technical Committee
Checklist for Permit Applications**

Application Number _____
Owner _____

Location _____
Mailing Address _____

| | | | | | | | |
|------------------|--|----------------------|----------|-----------------|--|-------------|--|
| Section 1 | Municipal | | | | | | |
| | Property Ownership | Private | | Municipal | | Provincial | |
| | Property Limits – Lateral | Private | | Municipal | | Provincial | |
| | Property Limits – Ripanan Shoreline | Private | | Municipal | | Provincial | |
| | Survey Status – Prepared by MLS | yes | | no | | Date | |
| | Land Drainage | | | | | | |
| | Isolated by Road Ditches | Yes | | No | | | |
| | Shoreline Ditch Erosion | Low | | Moderate | | Severe | |
| Section 2 | Hydraulics/Hydrology | | | | | | |
| | Elevation of Property | above 722 | | below 722 | | | |
| | Lake | Lake Winnipeg | | Lake Manitoba | | Other | |
| | Exposure Rating to NW winds | High | | Medium | | Low | |
| | Historic Erosion Rates | 0-1 ft./yr. | | 1-2 ft./yr. | | 2-4 ft./yr. | |
| | Installed Groynes | Yes | | No | | | |
| | Beach Character | Sandy | | Pebbles | | Stone | |
| | Shoreline Slope | Steep 2H-1V | | Moderate 4H-1V | | Flat 6H-1V | |
| | Existing Protection | Rip Rap | | Other (specify) | | | |
| Section 3 | Geotechnical | | | | | | |
| | Shoreline Material | Clay | | Sand | | Till | |
| | Stability Condition | Good | | Moderate | | Poor | |
| | Substitute Drainage | Evident | | Non evident | | | |
| | Groundwater Release | Springs | | Surface water | | | |
| | Surface Drainage | Controlled | | Ponding | | | |
| | Septic System | Holding tank | | Septic field | | | |
| | Septic Field Location from shoreline | 0-20 m | | 20-50 m | | 50 m + | |
| | Building Location with septic field | Higher | | Lower | | | |
| | Distance from septic field | 0-50 ft. | | 50-100 ft. | | 100 ft. | |
| | Type of field | Area | | Trench | | Other | |
| Section 4 | Proposed Protection | | | | | | |
| | Rip Rap Type | | | | | | |
| | Filter | Limestone | | Field Stone | | Gabians | |
| | Type | Yes | | No | | | |
| | Slope | Geotextile | | Gravel | | | |
| | Top Elevation (ft.) | | | | | | |
| | Protection | | | | | | |
| | Flood Wall Type | | | | | | |
| | Height (ft.) | <input type="text"/> | Concrete | Block | | Other | |
| | Tiebacks | <input type="text"/> | 0-2 m | 2-3 m | | | |
| | Back Drainage | Yes | | no | | | |
| | Toe protection | yes | | no | | | |
| | Distance from Structure to top of Bank (ft.) | | | | | | |
| | Height of Bank (ft.) | | | | | | |
| Section 5 | Environmental | | | | | | |
| | Material Placed below AHWL | Yes | | No | | | |
| | Material removal in water body | Yes | | No | | | |
| | Sedimentation protection | Yes | | No | | | |
| | Vegetation disturbance | Yes | | No | | Type | |
| | HADO | Yes | | No | | | |
| | Level | low | | medium | | High | |

WAIVER FOR SHORELINE EROSION PROTECTION

WHEREAS I/WE _____ and _____
of the (municipality) _____ of _____, in Manitoba
the registered owners (the "Owners") of all that land legally described as follows:

and as described in Certificate of Title No. _____ (the "Land");

AND WHEREAS the Land is being eroded or is about to be eroded as a result of the actions of Lake Winnipeg;

AND WHEREAS I/we the Owners wish to install Shoreline Erosion Protection Works (the "Works") on the Land;

AND WHEREAS I/we, the Owners are applying to the Red River Planning District as agent for the Rural Municipality of _____ (collectively referred to as the "Authority") for a Development Permit (the "Permit") for the Works;

AND WHEREAS I/we the Owners understand that the Authority neither approves the design of the Works nor inspects the construction of the Works and is merely the entity that receives an application for Works and issues a Permit based on the recommendations of the Shoreline Erosion Technical Committee of the Province of Manitoba and therefore the Authority can not comment on the suitability and/or longevity and/or third party impact of the proposed Works;

NOW, THEREFORE, in consideration of the Authority issuing the Permit, the Owners of the Land for ourselves, our heirs, executors, administrators, successors, assigns and successors in title hereby waive any claim, action, or causes of action for damages and/or otherwise that I/we may have against the Authority and/or the Shoreline Erosion Technical Committee relating in any way to the Works and/or Permit.

Dated this _____ day of _____, 20____

Witness

Owner

Witness

Owner