

Lakeshore Erosion Control Individual Permit Application Instructions

Determine eligibility for this individual permit:

- Choose an activity decision module on web, <http://dnr.wi.gov/topic/waterways>

To apply:

- Apply online using our online ePermitting System at <http://dnr.wi.gov/permits/water>
- Include all required attachments. Each document must be less than 15 megabytes and our online system offers a help guide to reduce file sizes.
- Permit processing review times begin when all of the required application materials are received by the DNR. The department may require additional information to evaluate the project.
- If you have questions regarding your application, contact the local Water Management Specialist for your county refer to <http://dnr.wi.gov/topic/Waterways/contacts.html#county>.

Please note, prior to starting any work at the project site, you are responsible for:

- Obtain all necessary local (e.g. city, town, village or county) permits.
- Obtain U.S. Army Corps of Engineer permits or approvals.
- Obtain any other applicable state permits.

Public notice newspaper posting:

- As part of the permit process, it is required to publish in the newspaper as a Class 1 public notice.
- The department will prepare the notice.
- If you would like to delegate to the department the required task of publishing in the newspaper, please select and pay the additional fee.

To find the local Water Management Specialist for your county refer to <http://dnr.wi.gov/topic/Waterways/contacts.html#county>.

Required attachments - Forms or documents you upload in our online ePermitting System

1. **Application form** - A complete, signed application form "Water Resources Application for Project Permits (WRAPP)" (Form 3500-053)
2. **Application fee** - Payment needs to be submitted through the ePermitting System as part of the application process. The appropriate fee will be viewable at the end of the ePermitting application submittal process.
3. **Ownership documentation** - (i.e. copy of deed, land contract, current property tax statement/receipt)
4. **Photographs** that clearly show the on-the-ground conditions of the existing project areas. Remember that too much snow cover or vegetation may obscure important details. If possible, have another person stand near the project area for size reference. Color images are preferred.
5. **Site maps** that clearly illustrate the location and perimeter of the project site, and its relationship to nearby water resources (e.g. lakes, rivers, streams or wetlands), major landmarks and roads. Provide copies of relevant maps (e.g. wetland, aerial, topographical, soil, floodplain, or zoning maps), with the project location clearly identified. The department offers a web mapping tool to assist in creating these maps at <http://dnr.wi.gov/topic/surfacewater/swdv/>.

6. **Plans and specifications** that show what you intend to do. Plan drawings should be clear and to scale. Be sure to draw all plans as accurately and detailed as possible. The department reserves the right to require additional information to evaluate the project. Please refer to this sample drawing for assistance developing your plans and specifications,
https://dnr.wisconsin.gov/sites/default/files/topic/Waterways/Riprap_Sample_Drawing_Grid.pdf.

7. **Narrative description** of your proposal on a separate page. Please include:

- What the project is, purpose of project, and need for the project
- How you intend to carry out the project, including methods, materials, and equipment
- Your proposed construction schedule and sequence of work
- What temporary and permanent erosion control measures will be used
- The location of any disposal area for dredged or excavated materials
- For disturbances or fill, provide a description of type, composition, and quality of materials
- How you plan to avoid, minimize and mitigate impacts to waterways
- Area (e.g. linear feet) impacted

8. **Riparian owners list** - Names and addresses of the adjacent property owners.

9. **Erosion Intensity Worksheet (EI) or Wave Energy Calculation** to meet the requirements of this permit which directs the type of shoreline erosion control structure needed based on the erosive energy at the project site. Please refer to the Wave Energy Calculation (<http://dnr.wi.gov/topic/Waterways/shoreline/erosioncalculator.html>) or the EI Worksheet, which is filled out within the ePermitting System. Remember if the Energy Calculation and the EI Worksheet result in different energy levels, you must use the EI worksheet energy level.

Site energy calculation definitions:

- High Energy Site – a site where the storm-wave height calculated is greater than or equal to 2.3 feet or where the erosion intensity score calculated has a score of greater than 67.
- Moderate Energy Site – a site where the storm-wave height is greater than or equal to 1.0 foot, but less than 2.3 feet, or where the erosion intensity score calculated has a score of 48 to 67.
- Low Energy Site – a site where the storm-wave height is less than 1.0 foot, or where the erosion intensity score calculated has a score of 47 or less.

10. **Endangered and threatened resources** - The applicant is not required but is encouraged to request an endangered resources (ER) review letter before applying for the permit. Information on how to obtain a review can be found by visiting the website at <http://dnr.wi.gov/topic/ERReview/Review.html>. The applicant can also visit the NHI Public Portal, <http://dnr.wi.gov/topic/ERReview/PublicPortal.html>, to determine if a full ER Review is required. Read the 'What is an ER Preliminary Assessment and what do the results mean?' section to determine follow-up steps.

11. **Historical and cultural resource** - If you are aware there is a historical or cultural resource present, you are **required** to contact the Wisconsin State Historical Society to verify and receive documentation that the activity will not result in an adverse impact to these resources.