



PERMIT APPLICATION CHECKLIST

SHORELINE & STREAMBANK STABILIZATION PERMITS

Materials required for all SHORELINE & STREAMBANK STABILIZATION permits are outlined below. Projects triggering other rules may require additional materials.

PERMIT APPLICATION FORM (Submitted via [MCWD's Online Permitting Portal](#))

EROSION INTENSITY SCORESHEET (Complete if the proposed project is not a biological practice; guidance is available on MCWD's website under Section 3 of the [Shoreline and Streambank Stabilization Rule](#))

PHOTOS OF EXISTING SHORELINE CONDITIONS

SITE PLAN (Include the following):

Ordinary high water elevation (OHW)¹

100-year flood elevation²

Property lines

Existing shoreline elevation contour

Location and dimensions of proposed installation

Proposed method of access

EROSION CONTROL PLAN (Include the following):

Proposed access route for all land-based applications

Floating silt curtain location

Indicate if working by barge

Identify location of any material stockpiles

Stabilization plan for disturbed areas

¹ The OHW for Lake Minnetonka is 929.4 feet. For other lakes, visit dnr.state.mn.us/lakefind. For streams, the OHW is defined as the break-in slope.

² The 100-year flood elevation for Lake Minnetonka is 931.5 feet. For other waterbodies, visit msc.fema.gov or contact MCWD permitting staff.

**PROPOSED RIPRAP CROSS SECTION** *(Include the following):*

Horizontal and vertical scales noted on the drawing

Finished riprap at a 3:1 or more gradual slope

Labeled existing bank, OHW, and 100-year flood elevation

Riprap no higher than top of bank or 2 feet above 100-year flood elevation (whichever is lower)

Description of underlying soils

Geotextile filter fabric type (MNDOT 3733 requirements) placed between existing shoreline soil material & filter rock to reduce erosion

Granular filter and geotextile conforms to MNDOT standards in sections 3601 and 3733

Riprap rocks meet MNDOT class III and IV specifications

Toe boulders buried 50% and are 30 inches or less in diameter

Riprap is no more than 5 feet waterward from OHW

BIOLOGICAL & BIOENGINEERING STABILIZATION *(If applicable):*

Identify location and type of plantings in relation to hard armoring material/riprap location

Plant list with common and scientific names and/or seed mix (specify quantities and origins of all materials)

Plants added to shoreline or bank are classified as native aquatic or native upland vegetation (examples include MN DNR "Landscaping for Wildlife & Water Quality and/or MN PCA "Plants for Stormwater Design")

Identify party responsible for plantings with schedule, installation, and maintenance plan for three years (include invasive species control and plant replacement as necessary)

If wave barriers are used, they do not create an obstruction to navigation, are 3 feet deep or less, and will be removed within 2 years of installation

FINANCIAL ASSURANCE *(Templates available on MCWD's website under the [Financial Assurances Rule](#)):*

Submit a surety in the form of an Escrow, Letter of Credit, or Performance Bond in the amount of \$5,000 or \$100 per linear foot if greater than 50 feet

\$10 APPLICATION FEE *(Payable to MCWD by check or via the Online Permitting Portal)*