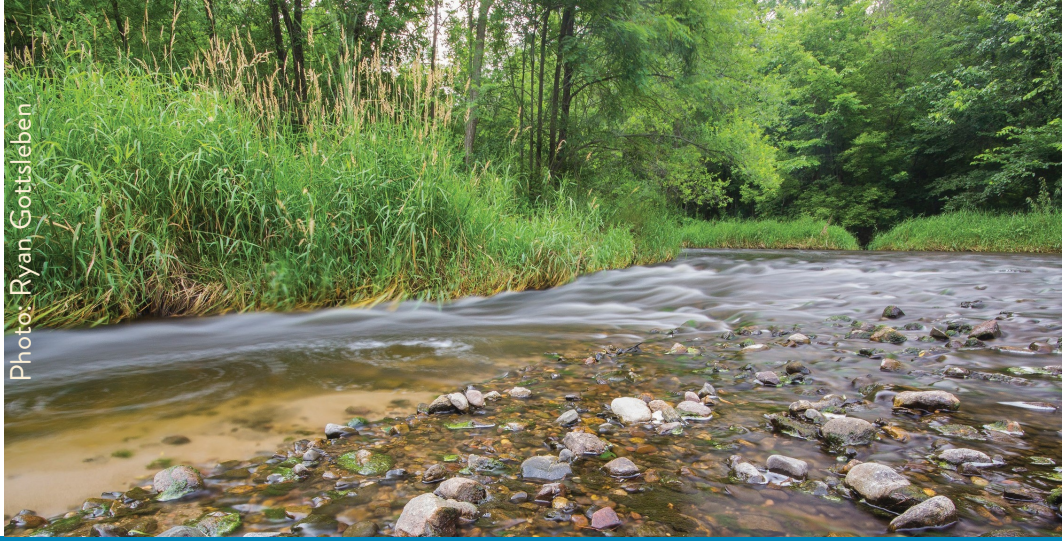




Photo: Ryan Gottlieb



This guide references rule

**8.0**

## Sediment Removal

### Importance:

Sediment removal is a normal activity, especially among public agencies that manage infrastructure. It creates an opportunity for sediment transport downstream. NMCWD's Rule 8.0 attempts to mitigate this effect.

### When is a permit needed?

- A permit is needed under Rule 8.0 if sediment is being removed from the bed, bank, or shores of any public water **except** when the activities have a project-specific permit from the Minnesota Department of Natural Resources. In the case of a separate DNR permit, any other NMCWD rules triggered will still apply.
  - What is a public water? Under the law, most water bodies are public waters (lakes, streams, rivers, wetlands, etc.) except constructed stormwater ponds. Please contact the NMCWD or Minnesota DNR to find out if a specific waterbody is a public water.

continued

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## What is required?

- Removal of sediment must not alter the original alignment, slope, or cross-section of the beds, banks, or shores of the public water
- Degradation or erosion of the banks or bed of the subject water body by entry of equipment must be avoided
- Where determined necessary by the District to protect water quality, a floating silt curtain must be placed around the sediment-removal site and maintained for the duration of the project
- Timing to minimize impacts on fish populations:
  - Plans for the work must state that no activity affecting the bed of a protected water may be conducted between March 15 and June 15 on watercourses (like Nine Mile Creek)
  - Plans for the work must state that no activity affecting the bed of a protected water may be conducted between April 1 and June 30 on all other public waterbodies
- Any excavated materials storage or disposal sites must be identified and shown to be:
  - Not below Ordinary High Water Level (OHWL) of a public water, public water wetland, or wetland subject to the Wetland Conservation Act
  - Not in the floodplain
  - Not subject to erosion or likely to cause re-deposition of the sediment to an adjacent water body, stormwater facility, or storm sewer

continued

## Exhibits to include with permit application for Rule 8.0:



### CHECK LIST:

- A site plan showing:
  - Delineation of the work area
  - Property lines
  - Ordinary high water elevation
  - 100-year flood elevation
- Profile, cross-sections and/or topographic contours (at intervals no more than 1-foot) showing existing and proposed elevations and proposed side slopes in the work area
- In the case of projects using hydraulic means of sediment removal and onsite spoil containment, provide:
  - Cross section of the proposed dike
  - Stage/storage volume relationship for the proposed spoil containment area
  - Detail of any proposed outlet structure, showing size, description, and invert elevation
  - Stage/discharge relationship for any proposed outlet structure from the spoil containment area
  - Site plan showing the locations of the proposed outlet structure and emergency overflow from the spoil containment area
- A site plan showing the proposed location of floating silt curtain(s)
- Supporting data:
  - Description and volume computation of material to be removed
  - Description of equipment to be used
  - Construction schedule
  - Location map of spoil containment area
  - Erosion control plan for containment area
  - Restoration plan for any proposed permanent onsite spoil containment site showing final grades, removal of control structure, and a description of how and when the site will be restored, covered, or revegetated after construction
  - Detail of any proposed floating silt curtain including specifications

### How should I present exhibits to the District?

Email electronic application and exhibits to [permitting@ninemilecreek.org](mailto:permitting@ninemilecreek.org)

