

Dredging Checklist

Please refer to the complete Dredging Rule language for a full list of requirements and specifications. The following items must be submitted as a part of this permit application:

- A signed and completed copy of the Combined Joint Notification; include contractor information (please provide original signatures on both pages)
- \$10.00 Application Fee made payable to MCWD. Cash or credit cards cannot be accepted.
- Justification/Alternatives: In order to justify dredging as a means of improving navigational access, dredging must be found to be the minimum environmental impact solution to achieve reasonable navigation. In evaluating reasonable navigation, an applicant proposing dredging must document in writing (along with supporting maps, plans, photographs, soil borings, etc.):
 1. The ecological sensitivity or preserve status of any potentially affected water body or wetland
 2. Size and draft of watercraft historically moored and/or proposed for mooring at the site
 3. Size and draft of watercraft moored within 200 yards of the site
 4. Natural lake bottom contours surrounding the site and in the vicinity
 5. Size and restrictiveness of existing channels and bridge openings which may affect navigation
 6. Availability of alternative means of gaining access such as:
 - a. extension of docks;
 - b. purchase, rent or lease of other shore moorings;
 - c. anchoring watercraft away from shore moorings
 7. Lake bottom characteristics; wind, wave and ice conditions; and other features that affect mooring of watercraft
- Submit a site plan showing property lines (of yours and adjacent properties), delineation of the work area, existing elevation contours of the adjacent upland area, ordinary high water elevation, 100-year flood elevation (1929 Datum).
- Profile cross sections and topographic contours (no greater than one foot) showing existing and proposed elevations and proposed side slopes in the work area. Side slopes may not exceed 3 feet horizontal to 1 foot vertical (3H:1V).
- For Lake Minnetonka dredging depths shall be in accord with the Lake Minnetonka Dredging Joint Policy Statement section III.d. and side slope may not exceed 3 feet horizontal to 1 foot vertical (3H:1V)
- Site plan showing the proposed location of floating silt curtains
- Support data:
 - a. Description and volume computation of material to be removed
 - b. Description of equipment to be used
 - c. Construction schedule
 - d. Location map of spoil containment area
 - e. Erosion control plan for containment area
 - f. Restoration plan for any proposed permanent on-site 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

- Mailing labels for residents within 600 feet of the project (can be obtained from the county or created by MCWD).
- In the case of projects using hydraulic means of sediment removal and on-site spoil containment, provide:
 - a. Cross section of the proposed dike
 - b. Stage/storage volume relationship for the proposed spoil containment area
 - c. Details of any proposed outlet structure, showing size, description and invert elevation
 - d. Stage/discharge relationship for any proposed outlet structure from the spoil containment area
 - e. Site plan showing the locations of any proposed outlet structure and emergency overflow from the spoil containment area

Dredging Rule: PAR 4-a: **Dredging shall NOT be permitted:**

1. Above the ordinary high water level or into the upland adjacent to the lake or watercourse
2. That would enlarge a natural watercourse landward or that would create a channel to connect adjacent backwater areas for navigational purposes.
3. Where dredging will alter the natural shoreline of a lake.
4. Where the dredging might cause increased seepage or result in subsurface drainage.
5. Where any portion of the dredged area contains any slope steeper than 3:1 (H:V) in a marina or channel, or steeper than 10:1 (H:V) for an area adjoining residential lakeshore.
6. Where adverse ecological impact to a preserve wetland or other ecologically sensitive area cannot be minimized
7. No dredging in a public water shall occur between April 1st and June 30th. No dredging in any other waterbody shall occur between April 1st and June 30th unless the applicant demonstrates that fish spawning does not occur in the waterbody.