

CORRESPONDENCE/MEMORANDUM

DATE: 08/07/2012

FILE REF: IP-SC-2012-28-03188-03190

TO: Jim D'Antuono, Southern District waterway field supervisor
Lloyd Eagan, Southern District Water Leader
Mark Aquino Southcentral Regional Director

FROM: Travis Schroeder, Water Management Specialist

SUBJECT: Manual code approval for Dredging, Water Quality Certification and Miscellaneous structures at Lake Koshkonong and on Mud Lake

Approval of Department Project located in or adjacent to navigable waters.

Activity Description, Project Description and Location: The DNR c/o Pam Biersach proposes to place a structure on the bed and dredge the bed of Lake Koshkonong. In addition the DNR proposes to impact a wetland adjacent to Lake Koshkonong. The project has two parts 1) Dredging and 2) Shoreline restoration at Mud Lake and Lake Koshkonong both are a part of the Lake Koshkonong Planning Assistance to States to create a Comprehensive Plan with Integrated Environmental Assessment for Lake Koshkonong. The team will dredge a small area to monitor at what rate and what type of sediment accumulates in the dredged area. Mud Lake is high quality wetland located within a mile of the dredged area. The dredge material would be used to benefit Mud Lake by adding the dredge material behind a breakwall to encourage shoreline rebuilding. Currently there is little shoreline left to keep the Mud Lake Wetland from being absorbed by Lake Koshkonong. Placing the dredged material behind a small (2' - 3') break wall would protect Mud Lake by rebuilding the land that has been eroding into the lake. Part of the Shoreline restoration experiment is to monitor how long it will take for wetland vegetation to grow on the dredge material and what type of vegetation The project is located in Sec 11, 12, 13 of T5N, R13E, Town of Sumner, Jefferson County.

Sponsor: Pam Biersach, Bureau director, WI DNR

The project has been reviewed and found to be consistent with the standards of:

30.12(3m) and 30.20(2) Wis. Stats. and Chapters NR 102, 103, 115, 116, 150, 299, 329, 345, 347 and 500 through 520 of the Wisconsin Administrative Code.

Conditions of Approval:

- You shall properly implement the construction site erosion and sediment control technical standards the Department developed and approved in accordance with s. NR 151.31 Wisconsin Administrative Code.
- This approval does not authorize any work than what is specified on the approved plans dated June 17 2011.
- This approval may be modified or revoked if the project is not completed according to the terms of this authorization, applicable statutes and administrative codes, and s. 30.206, Stats.
- Any disturbed soil that is not moved for 7 days or more must be stabilized with seed and mulch or a PAL approved erosion control blanket.
- Anionic Poly Acrylamide (Polymer) may not be used for temporary or permanent stabilization on this site.
- Any dewatering that is performed on site must be approved by the Water Management

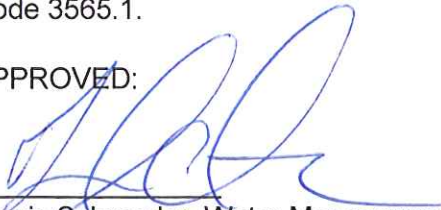
Specialist prior to commencement.

- A pre construction meeting shall be held with the Department, RKLD and the contractors in attendance.
- You must notify Travis Schroeder at 262-574-2172 48 hrs prior to beginning site work.
- defining a responsible party
- Prior to construction of the carp barrier you shall submit to the Water Management specialist an agreement that specifies the responsible party for the structure and dates when the structure will be utilized to verify no impacts on navigation and fish spawning
- No construction will be allowed without Fisheries written approval March 1 to May 1 to avoid impacts to spawning northern pike and walleye.
- All of the removed materials must be placed in the location shown on applicant's plan dated 6-17-2011 and approved by the Department.
- You are required to install a silt curtain in the waterway around your project as shown on the approved plans dated 6-17-2011
- You must dredge to the dimensions and elevations shown on your approved plans dated 6-17-2011.
- Final site stabilization requires the re-establishment of native vegetation and must not contain any exotic species.

All necessary approvals shall be obtained from the Jefferson County Zoning Administrator and the U.S. Army Corps of Engineers prior to the start of the project.

The below approval authorizes this Department of Natural Resources project according to Manual Code 3565.1.

APPROVED:



Travis Schroeder, Water Management Specialist

08/07/2012

cc: Stacy Marshall ACOE
Ryan Ellifson WI DNR
Jim D'Antuono WI DNR