

IEPA Log No.: **C-0068-11**
CoE appl. #: **2011-216**

Public Notice Beginning Date: **November 8, 2011**

Public Notice Ending Date: **December 7, 2011**

Section 401 of the Federal Water Pollution Control Act
Amendments of 1972

Section 401 Water Quality Certification to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-3362

Name and Address of Discharger: Illinois Valley Yacht and Canoe Club 5102 Galena Road Peoria Heights, Illinois 61616

Discharge Location: Sec. 23, T9N, R8E, 4th P.M., Peoria County within Peoria Heights

Name of Receiving Water: Illinois River

Project Description: Harbor Expansion

The Illinois Environmental Protection Agency (IEPA) has received an application for a Section 401 water quality certification to discharge into the waters of the state associated with a Section 404 permit application received by the U.S. Army Corps of Engineers. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice. The last day comments will be received will be on the Public Notice period ending date unless a commenter demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the project to the IEPA at the above address. Commenters shall provide their names and addresses along with comments on the certification application. Commenters may include a request for public hearing. The certification and notice number(s) must appear on each comment page.

The attached Fact Sheet provides a description of the project and the antidegradation assessment.

The application, Public Notice/Fact Sheet, comments received, and other documents are available for inspection and may be copied at the IEPA at the address shown above between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the certification application, the IEPA may, at its discretion, hold a public hearing. Public notice will be given 30 days before any public hearing. If a Section 401 water quality certification is issued, response to relevant comments will be provided at the time of the certification. For further information, please call Keith Runge at 217/782-3362.

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Fact Sheet for Antidegradation Assessment
RE: Illinois Valley Yacht & Canoe Club
IEPA Log #C-0068-11
COE Log CEMVR-OD-P-2011-0216
Contact: Mark T. Books at 217/558-2012
November 8, 2011

County: Peoria

Illinois Valley Yacht & Canoe Club (“applicant”) has applied for Section 401 water quality certification for impacts associated with their proposed boat marina expansion project. The Applicant proposes to expand and enclose their harbor both to accommodate additional docks and to reduce siltation inside the harbor. The project includes construction of two breakwaters which will be made up of reused broken concrete. This project also includes the dredging of the area inside the newly formed harbor. The Applicant was permitted during 2003 to complete this project. The Applicant started the project but was unable to complete it due to a lack of concrete material and the breakwater construction consuming more concrete than was originally estimated. Approximately 23, 000 cubic yards of additional broken concrete will be used to complete the breakwater construction. The breakwaters will extend 12 feet above the flat pool level and will have a top width of 15 feet and side slopes of 2:1. One breakwater will be 469 feet long when completed of which 355 feet has already been completed (75%), leaving approximately 114 feet to complete. The other breakwater will be 659 long when completed of which 195 feet has already been completed (30%), leaving approximately 464 feet to complete. The project will also require dredging of approximately 7600 cubic yards of silt material. The dredge material will be removed and placed temporarily on the adjacent club property in an area measuring approximately 300 feet long by 150 feet wide by 5 feet deep. When the material has dried, it will be dug out and given to the public for gardening applications. There will be no return water from the drying site. Maintenance dredging will be performed on an as-needed basis. The site is located in Section 23, Township 9 North, Range 8 East, near Peoria Heights at river mile #167.8.

Identification and Characterization of the Affected Water Body.

The Illinois River has a 7Q10 flow of 3,000 cfs at this location and is a General Use water. Illinois River Waterbody Segment IL_D-30 is listed in the Illinois Integrated Water Quality Report and Section 303(d) List-2010 as impaired for fish consumption, primary contact recreation and public water supplies use. The potential causes of impairment are mercury and PCB’s for fish consumption, fecal coliform bacteria for primary contact and atrazine, manganese and Total Dissolved Solids for public water supplies use. The Illinois River at this location is not an enhanced waterbody pursuant to the dissolved oxygen water quality standard. Using the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, the Illinois River, at this location, is not listed as a biologically significant stream nor has it received an integrity rating. The Illinois River has a drainage area of approximately 14,000 square miles at the project site.

The IDNR WIRT System did not list any state threatened or endangered aquatic species possibly residing within the project site.

Identification of Proposed Pollutant Load Increases or Potential Impacts on Uses.

The pollutant load increases that would occur from this project include some possible increases in suspended solids (“SS”) during the construction of the project. There may be some temporary effect on aquatic life during construction due to SS. There will be destruction of habitat where the breakwater will be completed but within the dredge area the impact to the benthic communities will be temporary and would regenerate within a short period of time. There will be no effect on the hydrology of the river. The Applicant will avoid the wetland area that is next to this project site.

Fate and Effect of Parameters Proposed for Increased Loading.

The increase in suspended solids will be local and temporary. Erosion control measures will be utilized to minimize any increase in suspended solids and prevent further impact to the stream.

Purpose and Social & Economic Benefits of the Proposed Activity.

The purpose of this project is to expand facilities at the boat club. The benefits of this project will be increased recreational opportunities.

Assessments of Alternatives for Less Increase in Loading or Minimal Environmental Degradation.

The construction of the proposed project will follow conditions set forth by the Agency and USACE. The Applicant has stated that there only alternative is the no build option which the Applicant has stated would be a hardship on the club since the expansion project is needed and the work has already begun.

Summary Comments of the Illinois Department of Natural Resources, Regional Planning Commissions, Zoning Boards or Other Entities

In a letter from Tracy Evans dated November 1, 2011, IDNR stated that an initial report submitted through the EcoCAT website indicated the potential presence of protected resources in the vicinity of the project location. The letter further states that the IDNR has evaluated this information and concluded that adverse impacts to the protected resources are unlikely; therefore, consultation is terminated.

Agency Conclusion.

This preliminary assessment was conducted pursuant to the Illinois Pollution Control Board regulation for Antidegradation found at 35 Ill. Adm. Code 302.105 (antidegradation standard) and was based on the information available to the Agency at the time this antidegradation review summary was written. We tentatively find that the proposed activity will result in the attainment of water quality standards; that all existing uses of the receiving waters will be maintained; that all technically and economically reasonable measures to avoid or minimize the extent of the proposed increase in pollutant loading have been incorporated into the proposed activity; and that this activity will provide additional recreational opportunities. Comments received during the 401 Water Quality Certification public notice period will be evaluated before a final decision is made by the Agency.