



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

July 24, 2014

Courtney Abshire
ARCADIS
1717 W. 6th Street
Suite 210
Austin, TX 78703

RE: Marathon Wood River Barge Dock Minor Dredge Project
Project Number(s): 1500938
County: Madison

Dear Mr. Abshire:

This letter is in reference to the above mentioned project you recently submitted for consultation. The project involves minor dredging of 25 cubic yards or less of sediments to maintain barge access under the USACE, Nationwide Permit Program. The natural resource review provided by EcoCAT identified the state-threatened black sandshell (*Ligumia recta*) and butterfly (*Ellipsaria lineolata*), as well as the state and federally-endangered spectaclecase (*Cumberlandia monodonta*) mussels in the vicinity of the proposed action. Mussel surveys conducted in 2012 for two separate projects confirmed the presence of mussel beds with a high diversity of species in this general area of the river.

The Department recommends a mussel survey be conducted by a qualified biologist in the proposed project area. A survey plan should be submitted to the Department and U.S. Fish and Wildlife Service (USFWS) for concurrence before conducting the survey. The necessary permits to conduct such work should be obtained from the Department and USFWS by the principal investigator.

This consultation will remain open pending the results of the mussel survey. Please contact me if you have questions regarding this review.

Nathan Grider
Division of Ecosystems and Environment
217-524-0501

cc: USFWS, Matt Mangan



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

November 25, 2014

Courtney Abshire
ARCADIS
1717 W. 6th Street
Suite 210
Austin, TX 78703

RE: Marathon Wood River Barge Dock Minor Dredge Project
Project Number(s): 1500938
County: Madison

Dear Mr. Abshire:

This letter is in reference to the above mentioned project you submitted for consultation in July, 2014. The project involves minor dredging of 25 cubic yards or less of sediments to maintain barge access and replacement of three existing mooring pipe clusters under the USACE, Nationwide Permit Program. The natural resource review provided by EcoCAT identified the state-threatened black sandshell (*Ligumia recta*) and butterfly (*Ellipsaria lineolate*), as well as the state and federally-endangered spectaclecase (*Cumberlandia monodonta*) mussels in the vicinity of the proposed action. The Department recommended a mussel survey be conducted in a letter dated July 24, 2014. The survey was conducted on September 23-25, 2014

The results of the mussel survey were received by the Department on November 14, 2014. One state-threatened black sandshell (*Ligumia recta*) was found near Cell 3 of the project area. A total of 12 mussel species and 83 live individuals were encountered with density increasing toward the downstream area. Based on this, the area may qualify as an Illinois Natural Area Inventory site. Given the presence and likely impact of a state-listed species, the Department recommends you apply for Incidental Take Authorization (ITA) from the Department's Office of Resource Conservation for this project. Please contact Jenny Skufca (Jenny.Skufca@Illinois.gov) for all matters pertaining to ITA.

Please note that this review by the IDNR, Impact Assessment Section does not preclude permit decisions made by the IDNR Office of Water Resources under the Illinois Rivers, Lakes, and Streams Act.

Please contact me if you have questions regarding this review.

Nathan Grider
Division of Ecosystems and Environment
217-524-0501

cc: Matt Mangan, USFWS
Jenny Skufca, IDNR-ORC
Charles Frerker, USACE – St. Louis District