



# Illinois Department of Natural Resources

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www.dnr.illinois.gov

Bruce Rauner, Governor

Wayne A. Rosenthal, Director

February 20, 2015

Jon Shabica  
609 Sheridan Road

Winnetka, IL 60093

## **RE: Quarrystone Breakwater Protected Beach Projects**

### **Project Locations:**

**57 S. Deere Park, Highland Park, IL 60035 (IDNR 1507928, USACE LRC-2014-00771)**  
**55 S. Deere Park, Highland Park, IL 60035 (IDNR 1507936, USACE LRC-2014-00840)**  
**609 Sheridan Rd., Winnetka, IL 60093 (IDNR, 1507938, USACE LRC-2014-00637)**  
**50 Glade, Glencoe, IL 60022 (IDNR 1507937, USACE LRC-2014-807)**

Dear Mr. Shabica:

This letter is in reference to the above mentioned projects you recently submitted for consultation. The Department previously commented on these projects related to Office of Water Resources (OWR) and U.S. Army Corps of Engineers (USACE) permit applications. In these comments, the Department recommended the following:

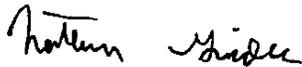
*Quarried stone is planned to construct breakwaters. The Department recommends softball to bowling ball size stones be incorporated around the toe to create interstitial spaces for aquatic life. This habitat has been shown to produce more invertebrate prey organisms (e.g., scuds, Chironomid larvae, and crayfish) for fishes than larger boulders. The assortment of interstitial spaces will also provide a range of habitat for the state-threatened mudpuppy (Necturus maculosus) present in Lake Michigan.*

On further review and coordination with the OWR and USACE, the Department no longer recommends this aquatic habitat enhancement approach be incorporated with projects 1507928, 1507936, & 1507938. Rather, the Department will coordinate an aquatic habitat enhancement project utilizing Corps required mitigation at 50 Glade, Glencoe, IL 60022 (IDNR 1507937, USACE LRC-2014-807). Consultation on this project will remain open pending further review and coordination with the regulatory agencies. The results of this project will help direct future aquatic habitat creation utilizing proposed breakwaters in Lake Michigan.

Consultation under 17 Ill. Adm. Code Part 1075 is terminated for IDNR projects 1507928, 1507936, & 1507938. This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

A handwritten signature in black ink, appearing to read "Nathan Grider". The signature is written in a cursive, slightly slanted style.

Nathan Grider  
Division of Ecosystems and Environment  
217-785-5500

Cc: Jim Casey – IDNR, OWR  
Vic Santucci – IDNR, Fisheries  
Soren Hall – USACE, Chicago District  
Eric Runkel - IEPA