



DEPARTMENT OF THE ARMY
ST. PAUL DISTRICT, CORPS OF ENGINEERS
180 FIFTH STREET EAST, SUITE 700
ST. PAUL, MN 55101-1678

REPLY TO ATTENTION OF
REGULATORY BRANCH

Regulatory File No. 2011-00258-SLM May 23, 2017

Mr. Brian Christianson
Rock Koshkonong Lake District
374 E. Samuelsen Drive
Edgerton, Wisconsin 53534

Dear Mr. Christianson:

The United States Army Corps of Engineers (Corps) is in receipt of the third year monitoring report, "2016 Annual Monitoring Report – Lake Koshkonong Shoreline Restoration Project" submitted by Eco-Resource Consulting, LLC. The project was authorized by permit 2011-00258-SLM on September 20, 2012. Three years of monitoring reports are required as a condition of the permit if the restoration plan met performance standards. The condition further states that 0.93 acre of emergent/fresh meadow wetland shall be established within the dredge placement area by the end of the three year monitoring period. The project site is in Sec. 11 and 13, T. 5N., R. 13E., Jefferson County, Wisconsin.

We have reviewed the monitoring report and determined that the performance standards *have not been met* for Year 3 primarily due to native emergent wetland vegetation not meeting the 80% native plant cover performance standard. *Additional action and monitoring is needed for this restoration project to meet performance standards.*

The Corps concurs with the recommendations in the monitoring report and requires you to submit a corrective action plan. Please provide the action plan and respond to the specific comments listed below:

- Installation of native emergent wetland plant plugs and native wet meadow seed. Provide a copy of the list of the plant species and quantity of plant plugs as well as the seed mix proposed. As water levels high been high at the restoration site, you should consider plants and seed mix that can better sustain these site conditions. Provide a schedule for when the plugs and seeds would be installed;
- Continuation of the management of non-native invasive species to prevent these species from increasing in cover;
- Supplemental soil amendments, if needed; and,
- Continuation of the monitoring of water levels.

Please provide a response regarding your corrective action plan by **June 12, 2017**.

Operations
Regulatory (2011-00258-SLM)

In addition, we noted that there was some missing information in the 2016 report. Specifically, the Maintenance and Monitoring Plan (dated January 20, 2012) stated that the following would be included:

- Vegetation sampling at *three* transects taken in June and September (this additional data collection may assist in addressing the actual % native plant cover); and,
- Representative photos of the vegetation.

If you have any questions, please contact me at (651) 290-5733 or Marie.H.Kopka@usace.army.mil. In any correspondence or inquiries, please refer to the Regulatory number shown above.

Sincerely,

Marie H. Kopka
Senior Project Manager

Electronic copy furnished:
Travis Schroeder, Wisconsin DNR
Steve Hjort – ERC, LLC