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December 2, 2009

FERC Project No. 10855-146

The Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

Dear Secretary:

Sand Delta Restoration Project Final Construction Report

On March 17, 2009 the Commission approved a construction activity within the Dead River Project boundary. This construction activity included stabilizing the sand delta with native vegetation; providing habitat for aquatic insects, reptiles, and amphibians by installing shallow pools and interconnected channels on the delta; providing habitat for shorebirds, waterfowl, and reptiles by creating hills and sand mounds on the delta; maintaining a navigable channel in the Dead River; providing several landowners with an access to the river; and providing habitat for forage fish species through placement of woody debris in various locations along the shoreline of the delta. A final report was requested in the Commission's approval. The following written summary, pictures, and as-built drawing serves as that report.

If you have any questions, please feel free to contact Rick Moser at (920) 433-2290.

Sincerely,

Terry P. Jensky
Vice President - Energy Supply Operations
for Wisconsin Public Service Corporation
Telephone: (920) 433-2900

Enc.

SAND DELTA RESTORATION PROJECT FINAL REPORT

The Sand Delta Restoration Project was conducted during the fall of 2009. Associated Constructors, Inc. (Associated) out of Marquette, Michigan was awarded the construction contract. The first activity involved obtaining access to the Sand Delta. Associated completed this by obtaining permission from an adjacent landowner and creating a barge bridge from that property to the sand delta. Wooden construction mats were used to allow equipment travel along the shoreline without major impacts.

The next step was properly installing temporary sedimentation control devices on the sand delta.

The thalweg and the adjacent landowner navigation channels were then dredged. A long reach excavator was used to reach the thalweg.

The dredge spoils were transported to the sand delta by a front end loader. The spoils were then used to create wildlife habitat. A mixture of sand mounds, upland areas, wetland area, and shallow pools were contoured out of the spoils. Existing vegetation was preserved as much as possible. The upland areas were then seeded with a native upland seed mix and the wetlands were seeded with a native wetland seed mix. A mulch blanket was then placed over the seeded areas. The sand mounds where not seeded or mulched.

Live stakes were installed according to the plans.

Fish structures positioned parallel and perpendicular to the shoreline were also installed according to the plans.

Document Content(s)