

Information for File # 2011-01529-MJB

Applicant Mark Evers

Corps Contact Meghan Brown
Address 1114 South Oak Street, La Crescent, MN 55947
E-Mail **Meghan.J.Wessel@usace.army.mil**
Phone 651-290-5688

Primary County Wabasha

Section 28
Township 110 N
Range 11 W

Latitude (NAD83) 44.29597
Longitude (NAD83) -92.13382

Information Complete On October 9th, 2015

Posting Expires On November 7th, 2015

Authorization Type **LOP-05-MN**

This application is being reviewed in accordance with current practices for documenting Corps jurisdiction under Section(s) 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act.

We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are subject to Corps of Engineers jurisdiction under Section 404 of the Clean Water Act. If an approved jurisdictional determination is completed as part of the review process for this application, a copy will be posted on the St. Paul District web page at the following link: <http://www.mvp.usace.army.mil/Missions/Regulatory.aspx>.

Project Description and Purpose (per applicant):

The project consists of installing rock riprap into Zell Creek along two segments in order to decrease erosion. Zell Creek is identified as a perennial stream on USGS topographic maps. Bank 1 (300 linear feet) and bank 2 (500 linear feet) are eight feet high with near vertical slope. Bank shaping would occur so the rock riprap could be installed at 45 ° with a total of approximately 593 cubic yards of fill material. The creek bottom is 15 feet wide. The bank opposite of bank 1 will have a slight cut to decrease the steepness.

Threatened or Endangered Species:

Within Wabasha County the Northern long-eared bat is known to roost in trees in the summer and hibernate in caves and mines in the winter. No tree clearing will occur with this project and the Northern long-eared bat will not be affected. Higgins eye pearlymussel, Sheepnose, and Spectaclecase are also known to be in Wabasha County. Being known to be found along or within the Mississippi River they will not be impacted by this project.

Listed State-Impaired Water:

The Zell Creek drains into the Zumbro River, which is listed as a 303(d) stream by EPA. The project location is less than one half mile upstream from the 303(d) Zumbro River.

State Designated Trout Stream:

Zell Creek is listed as a designated trout stream in Minnesota per Chapter 6264 of the Minnesota Administrative Rules.

Name, Area, and Types of Waters Subject to Loss:

The applicant has proposed the discharge of approximately 593 cubic yards of dredged and fill material into and along the Zell Creek bank a total of 800 linear feet. No appreciable loss of water is anticipated.

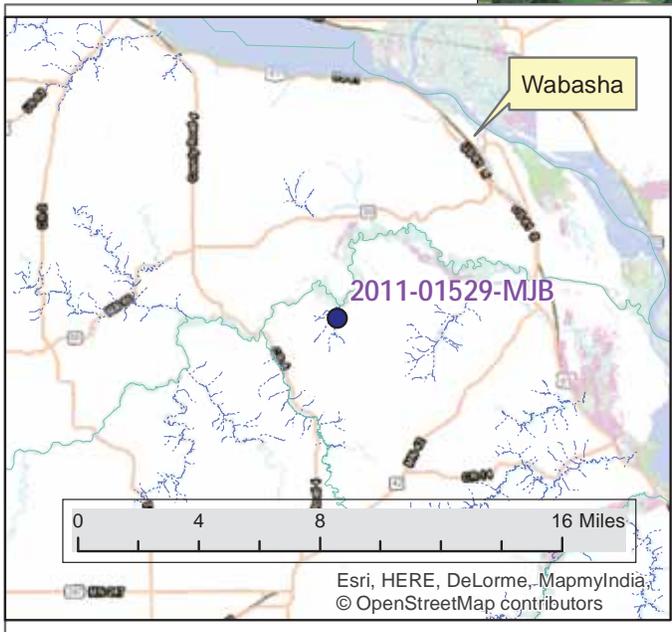
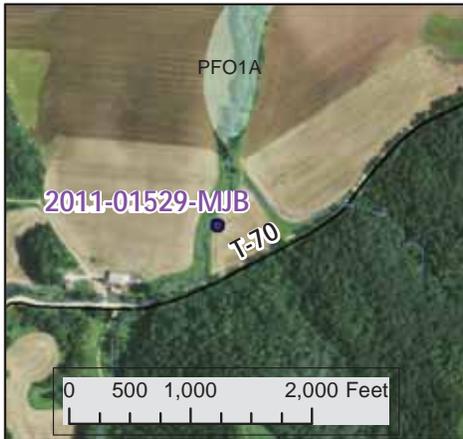
Alternatives Considered (per applicant):

1. The applicant considered the “do nothing” alternative but this would not address the erosion issue along the river bank.
2. The applicant considered using vegetation to decrease erosion but did not select this alternative because it may be ineffective considering the bank conditions.

Compensatory Mitigation: The applicant has not proposed compensatory mitigation for the project.

Drawings: Please see attached drawings labeled: 2015-01529-MJB (October 28th, 2015)
Drawing 1 of 3 through Drawing 3 of 3

Mark Evers Bank Stabilization: 2011-01529-MJB



Legend

Project location

100 year floodplain

impaired streams

Public Water

Trout stream

NWI rating

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Riverine



Bank 1 ~ 300 ft



Bank 2 ~ 500 ft

