

SCIENTIFIC RESEARCH AND COLLECTING PERMIT Grants permission in accordance with the attached general and special conditions United States Department of the Interior National Park Service Missouri National Recreational River	Study#: MNRR-00058 Permit#: MNRR-2013-SCI-0005 Start Date: Jan 01, 2013 Expiration Date: Dec 31, 2017 Coop Agreement#: n/a Optional Park Code: n/a
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Name of principal investigator: Name: Micheal Delvaux Phone: 402-667-2887 Email: micheal.j.delvaux@usace.army.mil
Name of institution represented: U.S. Army Corps of Engineers
Co-Investigators: No co-investigators
Project title: Adult Census and Productivity Monitoring of Least Terns and Piping Plovers on the Missouri National Recreational River.
Purpose of study: The study purpose is to conduct an adult census and productivity monitoring of least terns and piping plovers on the Missouri River. The U. S. Army Corps of Engineers (USACE) is required to accomplish this monitoring program under the 2000 Biological Opinion, and the 2003 Amended Biological Opinion issued by the U. S. Fish and Wildlife regarding the USACE operation of the Missouri River Dams.
Subject/Discipline: Threatened / Endangered / Rare Species
Locations authorized: Study activities will occur within both the 39 and 59 mile segments of the Missouri National Recreational River.
Transportation method to research site(s): Island and sandbar nesting areas utilized by least terns and piping plovers will be accessed primarily by motorboat. Nesting areas will be grid searched by survey crews on foot.
Collection of the following specimens or materials, quantities, and any limitations on collecting: n/a
Name of repository for specimens or sample materials if applicable: n/a
Specific conditions or restrictions (also see attached conditions): n/a

Recommended by park staff(name and title):

Hayager - biologist

Approved by park official:

S. Mitty

Title:

Superintendent

Reviewed by Collections Manager:

Yes No 10

Date Approved:

1/8/2013

I Agree To All Conditions And Restrictions Of this Permit As Specified
(Not valid unless signed and dated by the principal investigator)

Michael J. Dehaan
(Principal investigator's signature)

1-7-13
(Date)

THIS PERMIT AND ATTACHED CONDITIONS AND RESTRICTIONS MUST BE CARRIED AT ALL TIMES
WHILE CONDUCTING RESEARCH ACTIVITIES IN THE DESIGNATED PARK(S)