

Instructions

Please download this Word document (available on the Industrial Commission/Outdoor Heritage Fund Program website at <http://www.nd.gov/ndic/outdoor-infopage.htm>) to your computer and provide the information as requested. You are not limited to the spacing provided. After completing the report, save it and attach it to an e-mail and send it to outdoorheritage@nd.gov AND print it and mail it to: North Dakota Industrial Commission, ATTN: Outdoor Heritage Fund Program, State Capitol – Fourteenth Floor, 600 East Boulevard Ave. Dept. 405, Bismarck, ND 58505. If you are unable to scan attachments, mail them with your paper copy of the report. You will be sent a confirmation by e-mail of receipt of your report and attachments.

Outdoor Heritage Fund Status and Final Report Form/Guidelines

This report is used to show progress of grant projects funded through the Outdoor Heritage Fund. Status Reports and the Final Report must be submitted as required in Contract.

Contract Number 001-005	Report Date 4/27/15	Period Covered by Report (12/19/14 to 4/30/15)
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Project Name
North Dakota Hen House Project I

Project Sponsor Name
Delta Waterfowl

Responsible Official (Last, First Middle) Chouinard, Matthew D	Responsible Official's Title Waterfowl Programs Manager
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Project Sponsor Address
1312 Basin Ave

City Bismarck	State ND	Zip Code 58504	Telephone Number 701- 224-1024 222-8857
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Financial Update

Please provide the following information regarding the funding for your project based on the contract award:

Funds Spent this Reporting Period

(As appropriate please provide copies of receipts for purchases)

Match Funding \$

In-kind Funding \$ 1557.64

OHF Funding **Requested for Reimbursement** \$4,449.70 (includes \$1339.50 auger rental [\$14.10/day])

Total Funding Expended for this Reporting Period \$ 6,007.34

Total Funds Spent to Date

Match Funding \$

In-kind Funding \$ 2505.14

OHF Funding Received and Requested for Reimbursement \$ 12,779.45

Total Funding Expended to Date \$ 15,284.59

Balance of Grant Funds

Match Funding \$

In-kind Funding \$ 894.86

OHF Funding still to be Requested \$ 21,220.55

Total Funding to be Expended on this Project \$ 37,400.00

Do you anticipate needing to request a grant extension If yes, please explain

Yes No

Work Completed during Period Covered by Report:

(This information will be posted on the Outdoor Heritage Fund/Industrial Commission website)

The second grant reporting period began on 12/20/2014 for the Delta Waterfowl/Outdoor Heritage Fund grant entitled North Dakota Hen House Project I. Hen Houses are a type of mallard nest structure designed to increase duck production while having little to no impact on land management. Initial work during this period primarily included planning and preparation for a busy winter field season. Most Hen House field work, including installation and maintenance of the structures, is conducted in winter prior to the return of breeding ducks. Ice covered wetlands are easy to access and the nest structures can be installed in preferred locations.

Through the assistance of the Chase Lake Wetland Management District of the U.S. Fish and Wildlife Service (USFWS), Delta Waterfowl staff secured permission on over 16,000 acres in Stutsman County, North Dakota near Woodworth. The target lands are primarily privately owned but also include some Waterfowl Production Areas owned and managed by the USFWS. This region of North Dakota has very high densities of wetlands and breeding mallards, and Hen Houses have proven to be effective in the area. After acquiring permission, Delta Waterfowl staff utilized aerial photos to create maps of suitable wetlands in the area, and worked with installation contractors to select the best possible locations. Potential locations were field verified by installation contractors to ensure their suitability for Hen Houses.

Project contractors began installing the Hen Houses in late December 2014. Typically, Hen Houses are installed by drilling a hole in the ice, pounding a steel post into the wetland bottom, and mounting a tunnel on the post (photo below). Ice conditions and equipment issues delayed the installation process, but by March 30, 2015 all 118 project Hen Houses were installed and ready for occupancy by nesting mallard hens (see map at end of document).



Hen House installed in a North Dakota wetland near Woodworth.

Over the next month, Delta Waterfowl staff and/or contractors will visually inspect a sample of the Hen Houses to determine if any damage occurred during spring thaw. On occasion, the thick sheets of ice covering wetlands will shift as they melt, bending or pushing over nest structure posts.

Mallards are the primary species that utilize nest tunnels. Early reports indicate that several hens have already begun nesting in OHF Hen Houses. Mallard nesting activity will likely peak in May, but some later nests may be active into early August. Nest success, the percentage of attempted nests that successfully hatch, usually ranges from 60-90% in North Dakota Hen Houses.


Each winter, all Hen Houses will be visited to verify use by ducks, clean out eggs and eggshells, and install fresh grass for nest material. Usage rates and estimated duck production will be provided in the April 2016

Exhibit B

project report. Delta Waterfowl sincerely appreciates the Outdoor Heritage Fund and the support of this project by the State of North Dakota.

Photos of work completed are welcome (If appropriate, please submit photos of key elements of the project completed or in progress during reporting period) Do not exceed five photos per project report.

Signature of Responsible Official



The project reports shall be provided to the Commission in both electronic and hard-copy formats with permission for unrestricted distribution. The electronic versions shall be in a suitable format for posting on the Outdoor Heritage Fund/Commission website.

Legend

- Original Delta Hen Houses
- New ND OHF Hen Houses

WPA

Duck Pairs per Square Mile

- < 40
- 40 - 60
- 60 - 80
- 80 - 100
- > 100

