## 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](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. 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.

## 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.

<table>
<thead>
<tr>
<th>Contract Number</th>
<th>Report Date</th>
<th>Period Covered by Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>006-087</td>
<td>6/1/2021</td>
<td>(05/01/2020-04/30/2021)</td>
</tr>
</tbody>
</table>

### Project Name
North Dakota Hen House Project II

### Project Sponsor Name
Delta Waterfowl Foundation

### Responsible Official (Last, First Middle)
Chouinard, Matthew D

### Responsible Official’s Title
Senior Waterfowl Programs and Delta Marsh Property Manager

### Project Sponsor Address
1412 Basin Ave

### City
Bismarck

### State
ND

### Zip Code
58504

### Telephone Number
701-222-8857 (ext. 5209)

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

<table>
<thead>
<tr>
<th>Funds Spent THIS Reporting Period*</th>
<th>Total Funds Spent to Date</th>
<th>Balance of Remaining Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Match Funding</td>
<td>2,601.95</td>
<td>12,407.80</td>
</tr>
<tr>
<td>In-kind Funding</td>
<td>345.00</td>
<td>2,190.00</td>
</tr>
<tr>
<td>OHF Funding</td>
<td>0</td>
<td>26,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,946.95</strong></td>
<td><strong>40,597.80</strong></td>
</tr>
</tbody>
</table>

Do you anticipate needing to request a grant extension? [ ] Yes [ ] No

If yes, please explain:

*As appropriate please provide copies of receipts for purchases.*
Work Completed during Period Covered by Report:
(This information will be posted on the Outdoor Heritage Fund/Industrial Commission website)
This grant report covers Delta Waterfowl activities on North Dakota Hen House Project II from 5/1/2020 to 4/30/2021. This project consists of 200 Hen Houses (HH) that were first available to nesting ducks in 2017 as part of the OHF/Delta Waterfowl Grant 006-087 partnership.

After acquiring and/or preparing the necessary equipment and supplies (e.g., flax straw, replacement Hen Houses, etc.), Delta Waterfowl Hen House contractors began field activities for this project in March 2021. Contractors or staff physically visited all 200 Hen House locations to complete the annual maintenance and evaluation process, which includes replacement of grass nesting material, Hen House repair (if necessary), and a determination if the structure had been used by a nesting duck.

Of the 200 project Hen Houses, 192 were found to be suitable for use by ducks during the 2020 nesting season. Eight Hen Houses had been damaged by ice movement or flooding and were replaced by contractors. Once maintenance of each Hen House was complete, contractors utilized a phone application called the QuickCapture app to finalize the annual maintenance process. When they selected an icon on the app, their GPS location and the Hen House status information were instantly transmitted to a Delta Waterfowl online database. This new step in the maintenance process provided Delta Waterfowl with more detailed information about each Hen House, while verifying that the work was completed. Figure 1 is a sample map created using the location and usage information provided by Delta Waterfowl contractors and the QuickCapture app.

![Figure 1. Map of Hen Houses northeast of Carrington, North Dakota. A total of 15 nests were detected in 22 Hen Houses (three were used twice) in this area for a 68% usage rate.](image)

*As appropriate please provide copies of receipts for purchases.*
The overall usage rate was 62% in the Woodworth and Carrington areas in 2020, well above estimates from 2019 (35%) and more than double the usage rate from the first year of the project (2017; 25%). Good wetland conditions and high numbers of breeding pairs likely contributed to the productivity, as well as the return of successful hens from previous nesting seasons. Delta Waterfowl staff estimate that over 960 ducklings hatched in project Hen Houses in 2020.

Most of North Dakota has been in a severe drought over the last year, and wetlands have dried up considerably. We anticipate that fewer pairs will be settling in the Hen House project area, but will revisit the structures in the upcoming winter and report estimated duck production in the 2022 report. Delta Waterfowl sincerely appreciates the North Dakota Outdoor Heritage Fund, OHF program staff, hunters, outdoor enthusiasts and others that supported this project.

This report was prepared pursuant to an agreement with the Industrial Commission of North Dakota, which partially funded the project through the Outdoor Heritage Fund. Project participants, its subcontractors, and the Industrial Commission of North Dakota, or any person acting on its behalf, do not:

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(B) Assume any liabilities with respect to the use of, or for damages resulting from the use of, any information, apparatus, method or process disclosed in this report.

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Signature of Responsible Official

*As appropriate please provide copies of receipts for purchases.