Contract No. 009-110
“Cover Crop & Livestock Integration Project”
Submitted by Ducks Unlimited, Inc.
Primary Contact: Tanner Gue
Directives: B, A & C

PARTICIPANTS

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Cost Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landowners (Cash/In-kind)</td>
<td>$416,929.90</td>
</tr>
<tr>
<td>Ducks Unlimited (In-kind)</td>
<td>10,000.00</td>
</tr>
<tr>
<td>Ducks Unlimited (In-direct)</td>
<td>1,403.00</td>
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<tr>
<td>Pulse USA (In-kind)</td>
<td>10,290.00</td>
</tr>
<tr>
<td>North Dakota Natural Resources Trust (Cash)</td>
<td>9,636.00</td>
</tr>
<tr>
<td>Subtotal Cost Share</td>
<td>$448,258.90</td>
</tr>
<tr>
<td>North Dakota Industrial Commission</td>
<td>$625,394.90</td>
</tr>
<tr>
<td>Subtotal OHF funding</td>
<td>$625,394.90</td>
</tr>
<tr>
<td>Total Project Cost</td>
<td>$1,073,653.80</td>
</tr>
</tbody>
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Project Schedule – 5 years

Project Deliverables:
- Status Report: December 31, 2017 ✓
- Status Report: June 30, 2018 ✓
- Status Report: December 31, 2018 ✓
- Status Report: June 30, 2019 ✓
- Status Report: December 31, 2019 ✓
- Status Report: June 30, 2020 ✓
- Status Report: December 31, 2020 ✓
- Status Report: June 30, 2021 ✓
- Status Report: December 31, 2021* ✓
- Status Report: December 31, 2022*
- Final Report: December 31, 2023*

*Denotes change to original contract.

OBJECTIVE/STATEMENT OF WORK:
Provide a 60% cost share for cover crop implementation and grazing infrastructure necessary for livestock integration on cropland on more than 5,280 acres in southeastern North Dakota (Wells, Eddy, Foster, Stutsman, Barnes, Logan, LaMoure, Ransom, McIntosh, Dickey and Sargent Counties) with the potential to enhance an additional 1,900 acres of grassland. Five-year agreements will be required with the landowner. Landowners will be provided information on the PLOTS program offered by the North Dakota Game and Fish Department

STATUS:
The contract has been signed.

12/31/2017
The Cover Crop & Livestock Integration Project (CCLIP) was designed to provide North Dakota farmers and ranchers with the financial assistance needed to kick-start sustainable agricultural practices that meet their operational goals and diversify their operations while improving soil health, water quality, grassland health, and wildlife habitat. Interest in the program has been strong. During this report period (8/01/2017 to 11/30/2017), Ducks Unlimited biologists have worked directly with more than ten different farmers and ranchers interested in CCLIP. To date, a total of approximately 21% ($132,433.65 /
$625,394.90) of awarded funds have been allocated to four different CCLIP agreements for grazing infrastructure and cover crop seeding costs. Direct benefits of the four projects underway include enhancement of 1,363 acres of cropland (25% of goal: 1,363 / 5,280) and 1,183 acres of adjacent grasslands (62% of goal: 1,183 / 1,900).

During this initial reporting period, Ducks Unlimited biologists have conducted extensive outreach and effectively advertised the North Dakota Outdoor Heritage Fund and CCLIP. At a local scale, for example, biologists have met with Soil Conservation District boards or NRCS staff in each of the counties within the project area to discuss program objectives and distribute flyers. Biologists also advertised the program by attending a Ducks Unlimited booth at the annual North Dakota Association of Soil Conservation District conference in Bismarck, ND in November. At a regional scale, the latest edition of AgWeek featured a story about CCLIP, Ducks Unlimited and the Outdoor Heritage Fund. At a national scale, DU biologists were invited to speak about CCLIP at the 4th Biennial America’s Grassland Conference in Fort Worth, Texas in November. Attendees included farmers and ranchers, researchers, educators, and other conservation professionals from across the United States. (Posted on the Outdoor Heritage Fund website is a flyer and the AgWeek article mentioned above.)

6/30/2018
Interest in the program remains very strong. During this reporting period alone, Ducks Unlimited biologists have worked directly with more than 13 different farmers and ranchers interested in CCLIP. To date, a total of approximately 42% ($266,378.00 / $625,394.90) of awarded funds have been allocated to 10 different CCLIP agreements for grazing infrastructure and cover crop seed costs. All projects are currently underway. An example of North Dakota Outdoor Heritage Fund's CCLIP can be seen in Figure 1 that is posted on the website.

Expected direct benefits of the 10 projects include enhancement of approximately 2,652 acres of cropland (50% of goal: 2,652 / 5,280) and 2,827 acres of adjacent grasslands (148% of goal: 2,827 / 1,900).

During this reporting period, Ducks Unlimited biologists have continued extensive outreach and effectively advertised the North Dakota Outdoor Heritage Fund and CCLIP. For example, biologists were invited to speak about CCLIP at the annual NDCDEA and NDDoH Workshop in Bismarck in March. Biologists also attended a Ducks Unlimited booth at the Ransom County Ag Expo in February where farmers and ranchers learned about CCLIP and other Outdoor Heritage Fund opportunities. In April, Ducks Unlimited biologists also shared CCLIP objectives with program biologists from across the state of North Dakota at the annual Action Group Meeting in Bismarck.

12/30/2018
During the reporting period, biologists have worked with over 8 farmers and ranchers interested in CCLIP. To date, approximately 60% of the awarded funds have been obligated to 14 different CCLIP agreements for grazing infrastructure and cover crops costs. All projects are underway. Expected direct benefits of the 14 projects include 3,620.5 acres of cropland and 3,699.7 acres of adjacent grasslands.

6/30/2019
During the reporting period, DU worked with more than 6 producers interested in CCLIP. To date, approximately 66% of the awarded funds have been obligated for 16 grazing infrastructure and cover crop seed costs. All projects are currently underway.

Expected benefits of the 16 projects include:
- 4,016.5 acres of cropland (76% of goal)
- 5,181.7 acres of adjacent grasslands (273% of goal)
Outreach efforts are underway, including an advertisement in Pulse USA’s 2019 product guide.

To date:
- 156,493 feet of fence on cropland acres
- 1 completed cattle water system
- 1,044 acres of cover crop seed

**December 2019**
During the reporting period, DU worked with 5 producers interested in CCLIP. To date, approximately 69% of the awarded funds have been obligated for 19 grazing infrastructure and cover crop seed costs. All projects are currently underway or completed.

Expected benefits of the 19 projects include:
- 4,489.5 acres of cropland (85% of goal)
- 5,347.7 acres of adjacent grasslands (281% of goal)

**April 2020**
During this reporting period, DU biologists have worked directly with 7 farmers and ranchers interested in CCLIP. To date, a total of approximately 71% of awarded funds have been obligated to 20 different CCLIP agreements for grazing infrastructure and cover crop seed costs. All 20 projects are currently underway or have been completed.

Expected direct benefits of the 20 projects include enhancement of:
- 4,550.5 acres of cropland (86% of goal)
- 6,031.7 acres of adjacent grasslands (317% of goal.)

DU biologists and agronomists have continued extensive outreach and effectively advertised the OHF CCLIP1 and CCLIP2. The DU bio-agronomy team was invited to speak at 5 different landowner workshops and 1 soil health conference across North Dakota, directly speaking to more than 70 farmers and ranchers. One landowner enrolled in CCLIP1 spoke to a group of 30 farmers in Enderlin, ND about his positive experience with regenerative agriculture practices promoted by the OHF. Additionally, Ducks Unlimited staff hosted two roundtable discussions in early March for farmers and ranchers enrolled in OHF programs. Open discussion topics included agricultural practices and techniques, conservation program options, and the OHF. Pictures available in the full report.

**July 2020**
During this reporting period, DU biologists have worked directly with 5 farmers and ranchers interested in CCLIP. To date, a total of approximately 94% of awarded funds have been obligated to 25 different CCLIP agreements for grazing infrastructure and cover crop seed costs. All 25 projects are currently underway or have been completed.

Expected direct benefits of the 25 projects include enhancement of:
- 5,744.9 acres of cropland (109% of goal)
- 9,414.1 acres of adjacent grasslands (495% of goal.)

**December 2020**
To date, a total of approximately 97% ($608,905.20 / $625,394.90) of awarded funds have been obligated to 26 different CCLIP agreements for grazing infrastructure and cover crop seed costs. Infrastructure development has been completed on 13 projects while the remaining 13 projects are currently underway.
Expected direct benefits of the 26 projects include enhancement of approximately 5,988.7 acres of cropland (113% of goal: 5,988.7 / 5,280) and 9,436.1 acres of adjacent grasslands (497% of goal: 9,436.1 / 1,900). Pictures available in the full report.

**June 2021**
During this reporting period, DU biologists have worked directly with more than 7 different farmers and ranchers interested in CCLIP. We are pleased to report that 100% ($625,394.90/ $625,394.90) of awarded funds are currently obligated to 30 different CCLIP agreements for grazing infrastructure and cover crop seed costs. Infrastructure development has been completed on 13 projects while the remaining 17 projects are currently underway.

Expected direct benefits of the 30 projects include enhancement of approximately 6,304.6 acres of cropland (119% of goal: 6,304.6 / 5,280) and 9,493.3 acres of adjacent grasslands (500% of goal: 9,493.3 / 1,900).

**December 2021**
We are pleased to report that 100% ($625,394.90/ $625,394.90) of awarded funds are currently obligated to 30 different CCLIP agreements for grazing infrastructure and cover crop seed costs. Infrastructure development has been completed on 13 projects while the remaining 17 projects are currently underway.

Expected direct benefits of the 30 projects include enhancement of approximately 6,519.6 acres of cropland (123% of goal: 6,519.6 / 5,280) and 11,029.3 acres of adjacent grasslands (580% of goal: 11,029.3 / 1,900).

Photos and additional details available in full report. A no-cost extension has been granted and requested due to the drought.

Dated 1/3/2022