

## 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 001-016	Report Date <del>11/30/2016</del> 6/15/2017	Period Covered by Report (12/1/2016—6/15/2017)
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Project Name  
Natural Resource Stewardship in North Dakota's Parks Preserves and Natural Areas

Project Sponsor Name  
North Dakota Parks and Recreation Department

Responsible Official (Last, First Middle) Duttenhefner, Kathleen Grace	Responsible Official's Title Natural Resource Division Coordinator
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Project Sponsor Address  
1600 East Century Ave. Suite 3

City Bismarck	State ND	Zip Code 58503	Telephone Number 701-328-5370
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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**

Cash Match Funding	8375.75
In-kind Match Funding	3,621.84
Other Sponsors Funding	-
OHF Funding	22,791.57
OHF Funding Requested for Reimbursement	22,791.57
<b>Total Funding Expended for this Reporting Period</b>	<b>34,789.16</b>

**Total Funds Spent to Date**

Cash Match Funding	18,568.40
In-kind Match Funding	61,811.601
Other Sponsors Funding	15,059.00
OHF Funding	77,691.62
OHF Funding Received and Requested for Reimbursement (includes above request)	77,691.62
<b>Total Funding Expended to Date</b>	<b>173,130.62</b>

**Balance of Grant Funds**

Match Cash Funding (proposed \$40185.00)	21,616.60
In-kind Match Funding (proposed \$57683.10)	(4,128.50)
Other Sponsors Funding (proposed \$15,000)	(59.00)
OHF Funding still to be Requested (granted \$129,000)	51,308.38
<b>Total Funding to be Expended on this Project (Proposed \$241,868.10)</b>	<b>68,737.48</b>

Work Completed during Period Covered by Report:

## Project Goals

- A. Conserve and enhance existing prairies, woodlands, tree and shrub plantings, within parklands, preserves and natural areas to maximize biodiversity of plant and animal species.
- B. To provide direction, technical assistance and funding for natural resource activities that are integral to and integrated within parklands, preserves, and natural area uses.
- C. Effective control and eradication of noxious weeds and invasive species on parklands, preserves, and natural areas.

**Native Prairie Restoration and Enhancements Strategies and Best Management Practices:** A multi-site, long term, collaborative project with specific goal to restore, enhance, and sustain a healthy, diverse and sustainable native prairie thus enhancing the biodiversity on parklands, preserves and natural areas. Over 20 hours spent on restorations (\$571.00). Potted native forbs were also purchased to enhance FALSSP Stables prairie restoration site.

## Tasks Completed November 16, 2016 – June 15 2017:

- a) Ordered Prairie Restoration seed for:
  - Fort Abraham Lincoln State Park – W. Wheatgrass-Green Needlegrass Mixedgrass Prairie-46 acres
  - Fort Stevenson State Park – Needle-and-Thread-Western Wheatgrass Mixedgrass Prairie-.48 acres
  - Beaver Lake State Park – Western Wheatgrass-Green Needlegrass Mixedgrass Prairie - .26 acres
  - Lewis and Clark Interpretive Center Prairie Restoration - Shortgrass Prairie – 1.5 acres (cash match only)
- b) Weed Control: Mowing and Chemical Application
  - Back pack spot spraying CRSP prairie restoration .5 hours
  - Hand gun spot spraying FALSP prairie restoration 2 hours
  - Gator spraying FALSP prairie restoration 5 hours
  - Spot spraying BLSP Prairie Restoration
  - Spot Spraying LCIC Prairie Restoration (In-kind match-only)
- c) Prairie restoration interseeding with tractor and seed drill and broadcasting
  - BLSP Restoration seeding with hand broadcaster 4 hours
  - FALSP Restoration seeding with tractor and seed drill 8 hours
  - LCIC Restoration Seeding – Broadcaster (In-kind match only)





Figure 1 FALSP Prairie Restoration



Figure 2 FSSP Prairie Restoration



Figure 3 BLSP Prairie Restoration



**Woodlands – Tree and Shrub Plantings Strategies and Best Management Practices:** A multi-site, long term, collaborative project with a specific goal to increase woodland and tree –shrub habitat acres and biodiversity on parklands, preserves and natural areas. The project purpose is to create and maintain a mosaic of woodland habitats through the planting of a diverse selection of native trees and shrubs. The woodland creation and tree and shrub plantings strategies and best management practices will include the use of a variety of practices ranging from site preparation, planting and monitoring. Tree and shrub planting at all state parks, recreation and natural areas is ongoing. A total of over 157 hours was spent on tree plantings (\$2,940.04)

**Tasks Completed: November 2016 – June 15, 2017**

- a) Ten state parks, natural and recreational acres were involved in planting bare rootstock this spring. Over 1640 trees and shrubs were planted. ND Parks and Recreation staff completed most of the planting. Deer fence was removed. Fabric and mulch was used on most of the plantings – over 157 hours
- b) Containerized stock for all major state park will also be purchased in June 2017.

2017 Lincoln Oaks Nursery Stock

60	Green Ash
100	Buffaloberry
225	Chokecherry
100	Native Cottonwood
10	Siouxland Cottonwood
50	Black Currant
45	Golden Currant
100	Dogwood
100	Hackberry
75	Juneberry
50	Amur Maple
30	Silver Maple
25	2-3' Bur Oak
60	3' BurOak
100	Plum
50	Hansons Rose
60	Wood Rose
20	Smooth Sumac
30	Peachleaf Willow
30	Sandbar Willow
50	Wolfberry (Silver)
4	Containerized ash
0	Containerized Amur Maple
5	Containerized Juniper
25	Containerized Ponderosa Pine
25	Containerized Black Hills Spruce
2	Containerized Colorado Blue Spruce
50	Boxelder
25	False Indigo
40	Golden Willow
50	W. Pine
50	N. Spruce
1646	

**Noxious Weed and Invasive Species Control Strategies and Best Management Practices:** A multi-site, long term, collaborative project with specific goals to control noxious weeds as required by state law; reduce nonnative invasive plants; continue the implementation an integrated pest management system to reduce the use of chemical controls. The noxious weeds of primary concern include leafy spurge, Canada thistle, and wormwood. To date, all noxious weeds within major parks have been inventoried and mapped. In the spring, the department focuses in on spot spraying prairie restoration and spraying leafy spurge with Plateau herbicide. Milestone and MSO was purchased for spot spraying prairie restorations (\$2,983). In addition, the department purchased over \$7.275 worth of herbicide to be used as a cash match for spraying in 15 state parks, natural and recreational areas this summer.

**Tasks Completed: November 2016 – June 15, 2017**

- a) Chemical purchased for treating noxious weeds within prairie restorations (Milestone and MSO).
- b) Sprayed Plateau herbicide at FALSP, FSSP, Sully Creek and FRSP. Chemical purchased was used as a cash match.

**Natural Areas Registry** A cooperative program with the *ND Geological Survey*. The Natural Areas Registry Program is citizen-based conservation program that currently has 54 landowners involved in voluntary protection of their significant natural areas. This project is a multi-site, long term, collaborative project with a specific goal to encourage conservation of important natural lands in private and public ownership. No Outdoor Heritage Funds were utilized to accomplish these tasks.

**Tasks Completed: November 2016 – June 15, 2017**

- a) No tasks completed during this timeframe.

**Natural Heritage Inventory** - A cooperative program with NatureServe, a non-profit conservation organization whose mission is to provide the scientific basis for effective conservation action. The North Dakota Natural Heritage Program identifies the state's most significant natural areas through a comprehensive inventory of rare plant and animal species, exemplary natural communities, special geological features, and significant natural areas.

The biological conservation database is being utilized on a regular basis to conduct environmental reviews. This is a NatureServe web-based program which requires a substantial annual maintenance and support fee. No Outdoor Heritage Funds were utilized to accomplish these tasks, therefore we did not record any match funds.

**Tasks Completed: November 2016 – June 15, 2017**

- a) Western prairie fringed orchid surveys grant submitted.

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  
*Kathy Duttonhefner*

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.

**Budget Summary: 12/1/2016 – 6/15/2017**

	<b>OHF Budget</b>	<b>NDPRD Budget</b>	<b>Sponsor Budget</b>	<b>Total Budget</b>	<b>Report 5-OHF</b>	<b>Report 5-NDPRD Cash</b>	<b>Report 5-NDPRD In-kind</b>	<b>Report 5 Sponsor</b>	<b>Expense Totals to Date</b>
<b>Native Prairie Restoration</b>									
Contracted Labor	\$ 6,000.00	\$ -	\$ -	\$ 6,000.00	\$ 220.00				\$ 3,932.00
Supplies (native seed-plants)	\$ 44,000.00	\$ -	\$ -	\$ 44,000.00	\$ 14,567.82	\$ 475.90	\$ 571.30		\$ 36,753.27
Salary FTE/Volunteers/Seasonal	\$ -	\$ 11,775.00	\$ -	\$ 11,775.00					\$ 5,338.96
<b>Woodland Habitat Enhancements and Tree Plantings</b>									\$ -
Contracted Labor	\$ 7,500.00	\$ -	\$ -	\$ 7,500.00	\$ 950.00				\$ 950.00
Supplies (tree stock, fabric, mulch)	\$ 50,000.00	\$ 25,000.00	\$15,000.00	\$ 90,000.00	\$ 4,070.75	\$ 624.85	\$ 2,940.04		\$ 48,852.07
Salary FTE/Volunteers/Seasonal	\$ -	\$ 13,523.10	\$ -	\$ 13,523.10					\$ 28,841.04
<b>Noxious Weed and Invasive Species Control</b>									\$ -
Contracted Labor	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00					\$ -
Supplies (Chemical)	\$ 20,000.00	\$ 15,185.00	\$ -	\$ 35,185.00	\$ 2,983.00	\$ 7,275.00	\$ 110.50		\$ 20,248.93
Salary FTE/Volunteers/Seasonal	\$ -	\$ 32,385.00	\$ -	\$ 32,385.00					\$ 28,214.35
	<b>\$129,000.00</b>	<b>\$97,868.10</b>	<b>\$15,000.00</b>	<b>\$241,868.10</b>	<b>\$ 22,791.57</b>	<b>\$ 8,375.75</b>	<b>\$ 3,621.84</b>	<b>\$ -</b>	<b>\$ 173,130.62</b>