



Lessard-Sams Outdoor Heritage Council

Accelerating the Waterfowl Production Area Program - Phase IX

Laws of Minnesota 2017 Final Report

General Information

Date: 08/24/2023

Project Title: Accelerating the Waterfowl Production Area Program - Phase IX

Funds Recommended: \$5,500,000

Legislative Citation: ML 2017, Ch. 91, Art. 1, Sec. 2, subd. 4(a)

Appropriation Language: \$5,500,000 in the first year is to the commissioner of natural resources for an agreement with Pheasants Forever to acquire land in fee and restore and enhance wetlands and grasslands to be designated and managed as waterfowl production areas in Minnesota, in cooperation with the United States Fish and Wildlife Service. A list of proposed land acquisitions must be provided as part of the required accomplishment plan.

Manager Information

Manager's Name: Sabin Adams

Title: Public Land Manager

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Location Information

County Location(s): Swift, Carver, Big Stone, Otter Tail, Renville, Kandiyohi, Blue Earth, Clay and Becker.

Eco regions in which work will take place:

- Forest / Prairie Transition
- Prairie
- Metro / Urban

Activity types:

- Protect in Fee

Priority resources addressed by activity:

- Wetlands
- Prairie

Narrative

Summary of Accomplishments

The goal of this phase of the WPA acquisition program was to protect a total of 760 acres of grassland, wetland and other wildlife habitats as Waterfowl Production Areas open to public hunting. Pheasants Forever purchased 11 parcels totaling 1,310 acres of wetlands and grasslands in Minnesota's prairie region. In addition to exceeding our acre goals, \$28,152.10 of grant funds will be returned.

Process & Methods

Conversion of grasslands and wetlands for other uses have not only contributed to many native species population declines, but also impacted water quality, groundwater recharge cycles, and natural flood cycles. Permanent acquisition and restoration of grasslands and wetlands is one of the major tools we have for reversing this trend. This phase of the WPA acceleration program acquired and restored a total of 1,310.61 acres of grasslands and wetland habitat as permanently protected WPA's managed by the USFWS.

Pheasants Forever and USFWS staff collaborated to generate a list of parcels with landowners who had the desire to sell. The parcel's ecological impact was evaluated using landscape level planning tools developed by the USFWS Habitat and Population Evaluation Team (HAPET). These tools utilize Thunderstorm Maps to predict productivity of breeding waterfowl, grassland birds, and other wildlife species for the potential parcel and surrounding area. By utilizing these tools, we were able to focus efforts in areas where acquisitions and restorations will make the greatest impact on the landscape and thus these additional acres of WPA are very beneficial to wildlife and public recreation.

Pheasants Forever notified counties prior to acquisition of lands. Once acquired, the USFWS will make a one-time Trust Fund payment to the County where the property is located. Additionally, the USFWS will make annual Refuge Revenue Sharing payments for all fee lands within the respective counties.

Once acquired, wetlands on each parcel were restored by installing surface ditch "plugs" and/or breaking subsurface tile. Some wetlands may also have had sediment removed to create proper substrates for wetland function and vegetative growth. Grasslands were restored by planting a high-diversity native seed mix of grasses and forbs that are regionally appropriate to the area. As with all restoration work there are challenges that come from weather and working with private contractors but we did not face any major issues.

How did the program address habitats of significant value for wildlife species of greatest conservation need, threatened or endangered species, and/or list targeted species?

The majority of the acquisitions in this program are located in the Prairie Pothole Region which is not only the richest wetland system on earth but also produces approximately one-third of the continent's waterfowl population. In addition to supporting waterfowl, this region supports numerous grassland and wetland dependent wildlife species, many of which are experiencing severe population declines due to habitat loss. The parcels acquired and restored as part of this phase add to the quantity and quality of grasslands and wetlands that are available to species such as mallards, black terns, bobolinks, meadowlarks, and the ring-necked pheasant. Additionally SGCN and T/E were considered when the parcels were evaluated for acquisition. Parcels with these species were ranked more favorably than parcels without. Species of concern that will benefit from these projects include the greater prairie chicken, short-eared owl, marsh hawk and yellow rail.

How did the program use science-based targeting that leveraged or expanded corridors and complexes, reduced fragmentation, or protected areas in the MN County Biological Survey.

As stated in the Process and Methods section, we used models developed by the USFWS HAPET team to determine the parcels productivity potential of breeding waterfowl, grassland birds, and other wildlife species. Additionally these parcels were evaluated by determining location in proximity to other existing wildlife habitats, location within conservation plan areas such as the Minnesota Prairie Plan, Pheasants Action Plan and others.

Explain Partners, Supporters, & Opposition

Pheasants Forever worked with USFWS to evaluate, acquire and restore parcels in this program. This program has many supporters including numerous conservation agencies and groups such as Ducks Unlimited and the MN DNR.

Exceptional challenges, expectations, failures, opportunities, or unique aspects of program

There were no exceptional failures or challenges that were encountered. This program is unique in the aspect that 1,310 acres of permanently protected prairie and wetland habitat were added into a landscape where most of it has been destroyed.

What other dedicated funds may collaborate with or contribute to this program?

- N/A

What is the plan to sustain and/or maintain this work after the Outdoor Heritage Funds are expended?

The parcels acquired by Pheasants Forever have been transferred to the USFWS as part of the Waterfowl Production Area program. All parcels have been acquired and restoration activities have been completed during this effort. Long-term management and maintenance of these WPA's are the responsibility of the USFWS.

Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
2023 and beyond	Federal, local, PF	PF will continue to work with our partners and look for funds, where appropriate, to help maintain quality wildlife habitat on acquisitions.	-	-

Budget

Totals

Item	Requested	AP Amount	Spent	Leverage	Received Leverage	Leverage Source	Original Total	Final Total
Personnel	\$23,400	\$33,400	\$36,600	-	\$900	PF	\$23,400	\$37,500
Contracts	\$399,200	\$599,200	\$587,000	-	\$96,800	Federal	\$399,200	\$683,800
Fee Acquisition w/ PILT	-	-	-	-	-	-	-	-
Fee Acquisition w/o PILT	\$4,988,000	\$4,788,000	\$4,777,600	\$4,200,000	\$5,681,800	Federal, Private, PF	\$9,188,000	\$10,459,400
Easement Acquisition	-	-	-	-	-	-	-	-
Easement Stewardship	-	-	-	-	-	-	-	-
Travel	\$900	\$900	\$1,000	-	-	-	\$900	\$1,000
Professional Services	\$75,000	\$65,000	\$55,400	-	\$13,000	Private attorney	\$75,000	\$68,400
Direct Support Services	\$7,500	\$7,500	\$8,200	-	\$1,200	PF	\$7,500	\$9,400
DNR Land Acquisition Costs	\$6,000	\$6,000	\$6,000	-	-	-	\$6,000	\$6,000
Capital Equipment	-	-	-	-	-	-	-	-
Other Equipment/Tools	-	-	-	-	-	-	-	-
Supplies/Materials	-	-	-	-	-	-	-	-
DNR IDP	-	-	-	-	-	-	-	-
Grand Total	\$5,500,000	\$5,500,000	\$5,471,800	\$4,200,000	\$5,793,700	-	\$9,700,000	\$11,265,500

Personnel

Position	Annual FTE	Years Working	Amount Spent	Leverage	Leverage Source	Total
PF State Coordinator - MN	0.03	3.0	\$12,200	\$300	PF	\$12,500
PF Field Staff	0.05	3.0	\$12,200	\$300	PF	\$12,500
PF Grants Staff	0.05	3.0	\$12,200	\$300	PF	\$12,500

Direct Support Services

How did you determine which portions of the Direct Support Services of your shared support services is direct to this program?

1.5% rate on \$498,500 (Personnel, Contracts, Travel, Professional Services)

Explain any budget challenges or successes:

It can be difficult to accurately predict exact budget categories at the time of proposal, therefore it is often necessary to move funds from one category to the another. Additionally the processes for acquiring, restoring and donating lands has become more difficult and required more time and thus more personnel than planned.

Total Revenue: \$79,935

Revenue Spent: \$79,935

Revenue Balance: \$0

Of the money disclosed above, what are the appropriate uses of the money:

- B. This revenue, or a portion of it, was used for other purposes as approved in the AP by the LSOHC.

Itemize out how the revenues were spent:

Vacant land insurance- \$2,088.83

Restoration Contracts - \$10,885.00

Land Tax- \$47,788.56

Admin- \$19,018.61

Travel- \$154.00

Output Tables

Acres by Resource Type (Table 1)

Type	Wetland (AP)	Wetland (Final)	Prairie (AP)	Prairie (Final)	Forest (AP)	Forest (Final)	Habitat (AP)	Habitat (Final)	Total Acres (AP)	Total Acres (Final)
Restore	0	0	0	0	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0	0	0	0	0	0
Protect in Fee w/o State PILT Liability	235	213	765	1,097	0	0	0	0	1,000	1,310
Protect in Easement	0	0	0	0	0	0	0	0	0	0
Enhance	0	0	0	0	0	0	0	0	0	0
Total	235	213	765	1,097	0	0	0	0	1,000	1,310

How many of these Prairie acres are Native Prairie? (Table 1b)

Type	Native Prairie (AP)	Native Prairie (Final)
Restore	0	0
Protect in Fee with State PILT Liability	0	0
Protect in Fee w/o State PILT Liability	12	0
Protect in Easement	0	0
Enhance	0	0
Total	12	0

Total Requested Funding by Resource Type (Table 2)

Type	Wetland (AP)	Wetland (Final)	Prairie (AP)	Prairie (Final)	Forest (AP)	Forest (Final)	Habitat (AP)	Habitat (Final)	Total Funding (AP)	Total Funding (Final)
Restore	-	-	-	-	-	-	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	\$1,292,500	\$891,200	\$4,207,500	\$4,580,600	-	-	-	-	\$5,500,000	\$5,471,800
Protect in Easement	-	-	-	-	-	-	-	-	-	-
Enhance	-	-	-	-	-	-	-	-	-	-
Total	\$1,292,500	\$891,200	\$4,207,500	\$4,580,600	-	-	-	-	\$5,500,000	\$5,471,800

Acres within each Ecological Section (Table 3)

Type	Metro / Urban (AP)	Metro / Urban (Final)	Forest / Prairie (AP)	Forest / Prairie (Final)	SE Forest (AP)	SE Forest (Final)	Prairie (AP)	Prairie (Final)	N. Forest (AP)	N. Forest (Final)	Total (AP)	Total (Final)
Restore	0	0	0	0	0	0	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0	0	0	0	0	0	0	0
Protect in	29	83	132	59	0	0	839	1,168	0	0	1,000	1,310

Fee w/o State PILT Liability												
Protect in Easement	0	0	0	0	0	0	0	0	0	0	0	0
Enhance	0	0	0	0	0	0	0	0	0	0	0	0
Total	29	83	132	59	0	0	839	1,168	0	0	1,000	1,310

Total Requested Funding within each Ecological Section (Table 4)

Type	Metro/ Urban (AP)	Metro/ Urban (Final)	Forest / Prairie (AP)	Forest / Prairie (Final)	SE Fore st (AP)	SE Fores t (Final)	Prairie (AP)	Prairie (Final)	N. Fore st (AP)	N. Fores t (Final)	Total (AP)	Total (Final)
Restore	-	-	-	-	-	-	-	-	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-	-	-	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	\$159,500	\$346,900	\$726,000	\$247,400	-	-	\$4,614,500	\$4,877,500	-	-	\$5,500,000	\$5,471,800
Protect in Easement	-	-	-	-	-	-	-	-	-	-	-	-
Enhance	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$159,500	\$346,900	\$726,000	\$247,400	-	-	\$4,614,500	\$4,877,500	-	-	\$5,500,000	\$5,471,800

Target Lake/Stream/River Feet or Miles

Outcomes

Programs in forest-prairie transition region:

- Protected, restored, and enhanced nesting and migratory habitat for waterfowl, upland birds, and species of greatest conservation need ~ *We acquired 59.26 acres of WPA's in the forest-prairie transition. All properties acquired had upland and wetland habitats restored to the highest extent possible with regard to budgets and timing, while following the latest science and technical understanding. Additionally, initial evaluations of properties took SGC into account giving those properties a greater likelihood of being acquired than those without SGC.*

Programs in metropolitan urbanizing region:

- Protected habitats will hold wetlands and shallow lakes open to public recreation and hunting ~ *We acquired 83.1 acres of WPA's in the metro region. All properties acquired had wetlands restored to the highest extent possible with regard to budgets and timing, while following the latest science and technical understanding.*

Programs in prairie region:

- Protected, restored, and enhanced habitat for migratory and unique Minnesota species ~ *We acquired 1,168.25 acres of WPA's in the prairie region. All properties acquired had upland and wetland habitats restored to the highest extent possible with regard to budgets and timing, while following the latest science and technical understanding. Additionally, initial evaluations of properties took SGC and unique MN species into account giving those properties a greater likelihood of being acquired.*

Parcels

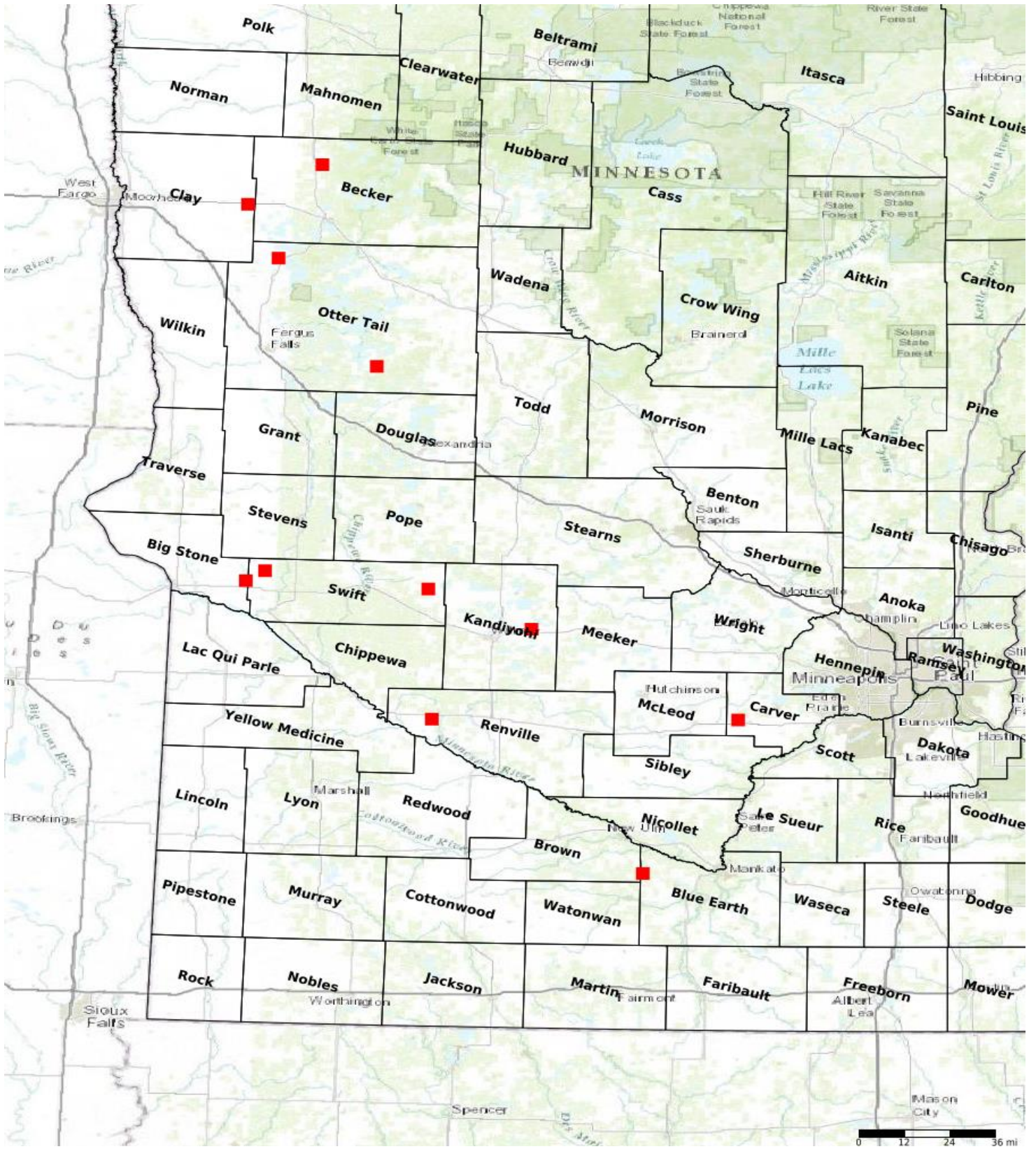
Sign-up Criteria?

No

Fee Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection
Schouviller WPA Addition	Becker	14141209	198	\$1,000,000	No
Nelson WPA Addition	Big Stone	12144201	127	\$511,000	No
Strom Lake WPA	Blue Earth	10829219	139	\$700,000	No
Tiger Lake WPA Addition	Carver	11526209	83	\$655,000	No
Hoe Lake WPA Addition	Clay	13944211	168	\$478,500	No
TBD WPA	Kandiyohi	11933206	90	\$275,000	No
Putnam WPA Addition	Otter Tail	13743225	153	\$650,000	No
Bjerkevedt WPA Addition	Otter Tail	13239228	59	\$117,800	No
Sacred Heart WPA Addition	Renville	11537215	79	\$546,400	No
Byre WPA Addition	Swift	12243222	113	\$696,000	No
Gilbertson WPA Addition	Swift	12137209	102	\$505,000	No

Parcel Map



- Protect in Easement
- ▲ Protect in Fee with PILT
- Protect in Fee W/O PILT
- ★ Restore
- ✦ Enhance
- + Other