

Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2017 Accomplishment Plan



Date: October 17, 2016

Program or Project Title: DNR Grasslands - Phase IX

Funds Recommended: \$ 3,950,000

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Legislative Citation: ML 2017, Ch. X, Art. X, Sec. X

Appropriation Language:

County Locations: Anoka, Becker, Beltrami, Benton, Big Stone, Blue Earth, Brown, Carver, Chippewa, Clay, Clearwater, Cottonwood, Dakota, Dodge, Douglas, Fillmore, Freeborn, Goodhue, Grant, Houston, Jackson, Kandiyohi, Kittson, Lac qui Parle, Lyon, Mahnommen, Marshall, McLeod, Meeker, Mille Lacs, Morrison, Mower, Murray, Nobles, Norman, Olmsted, Ottertail, Otter Tail, Polk, Pope, Prairie, Red Lake, Redwood, Renville, Roseau, Scott, Sherburne, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Washington, Wilkin, Winona, and Yellow Medicine.

Regions in which work will take place:

- Forest / Prairie Transition
- Metro / Urban
- Northern Forest
- Prairie
- Southeast Forest

Activity types:

- Enhance
- Restore

Priority resources addressed by activity:

- Prairie

Abstract:

We propose to continue our programmatic efforts to enhance and restore prairies, grasslands, and savannas as described in the MN Prairie Conservation Plan and Pheasant Summit Action Plan, primarily relying on contractors and DNR Roving Crews. This proposal has worked on WMAs, SNAs, and Prairie Bank easements in the past. This year we expand enhancement efforts to USFWS Refuges and WPAs as well as BWSR RIM easement. Without periodic ecological disturbances grasslands decline in both plant diversity and wildlife productivity.

Design and scope of work:

Since 2007, Minnesota has lost 685,000 acres of CRP grasslands and uncounted acres of native prairie, pastures, and hayfields. In the next three years, the state is projected to lose another 398,000 acres. Between 2002 and 2012, drainage tile installation in parts of

Minnesota increased over 2600 percent. Because of these dramatic losses, it's even more critical for our remaining permanently protected grasslands to be as productive as possible for wildlife.

This programmatic request seeks funding to enhance habitat on permanently protected grasslands and prairies. Without disturbances such as fire, the plant diversity and wildlife productivity will decline. Additionally, invasive species will increase and trees will invade the grassland, which changes the very character of the habitat. All of the activities listed in this proposal will enhance habitat for grassland wildlife and pollinators. Each part of this request will use BMPs for grassland enhancements and diverse local ecotype seed mixes for restorations.

This request seeks to enhance grassland habitat on WMAs. Enhancements will focus on prescribed fire, woody species removal, invasive species control, and enhancing plant diversity for pollinators and wildlife. Almost all of this work will be completed by local contractors. Request also includes a contract coordinator to assist with grant management and reporting.

The request seeks to fund the Region 3 Roving crew for three years. The Roving crews are additive to past habitat enhancement capabilities. They are completing projects that weren't getting done before the OHF. They are completing projects themselves as well as teaming up with other DNR staff or crews from TNC and the USFWS to conduct large-scale projects.

Within the SNA program, this request will restore severely altered lands (cropland in-holdings or buffers) to suitable native prairie plant communities. We will also enhance prairies through prescribed fire, invasive species control and woody removal. Enhancement activities will focus on native prairies.

We are expanding our past efforts on DNR WMAs to USFWS WPAs and Refuges. The primary focus of this effort will be increasing prescribed fire capacity on FWS lands.

How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

Across western Minnesota and the rest of the Upper Midwest and Great Plains, grassland birds and other wildlife continue their steep decline. Nationally, grassland birds continue to be ranked as the most threatened. In Minnesota, songbird censuses continue to show declines in grassland dependent species. As we all know, pheasant harvest continues to decline despite some of our best conservation efforts in the state. This is simply because for every acre of fee title or conservation easement, we're losing many acres of CRP grasslands. We are still losing grasslands across the region at nearly unprecedented levels.

At the same time, there are several T&E species in western Minnesota. Two butterflies (skippers) were recently listed and one of them may be extinct in the state. The Minnesota Zoo has developed a captive breeding program, but without safe, high quality, permanently protected grasslands, there will be no or few places to release these individuals and try to re-establish populations. In the most recent state wildlife action plan, 89 of the Species of Greatest Conservation Need are grassland dependent.

We have also dramatically improved the way we restore and enhance grasslands in the last couple decades. Early 'restorations' used very few species and we often didn't know the seed origin. Today we focus on local ecotype seed and often uses very diverse seed mixes. While this will provide improved habitat for the game species agencies have traditionally managed for, it will be even more beneficial to songbird, pollinators, and nongame wildlife.

Describe the science based planning and evaluation model used:

This request is building on the foundations provided by the MN Prairie Conservation Plan as well as the Pheasant Summit Action Plan. Both of these plans were heavily dependent on the best available science on wildlife and habitat management. The Prairie Plan especially is focused on areas identified as having the highest densities of remaining native prairie. We know that small and/or isolated populations can suffer from genetic deterioration and have a high risk of local extinction from disease outbreak or severe weather. The Prairie Plan and Pheasant Plan are built around developing, protecting, and enhancing/managing large landscape complexes of habitat. This strategy will support large populations of a diverse number of wildlife. Complexes also allow us to incorporate many habitat types (dry upland prairie, sedge meadow, brushland, wetlands and cattail marshes) and a variety of enhancement activities or land uses (prescribed fire, grazing, haying, etc) that we simply can't do on a small parcel of habitat. This mix of habitat types and structures then provides optimal habitat for the range of species who require dry to wet grasslands, or shorter to taller vegetation.

The Prairie Plan specifically addresses the issue of corridors. Corridors allow movement across the region. This enhances genetic diversity of populations and allow habitats to be quickly recolonized in the event of a local extinction event or if the population becomes too low to be sustainable. The north-south orientation of the Prairie Plan facilitates the migration of waterfowl and songbirds in the spring and fall. The national monarch conservation plan is largely built around a monarch migration corridor that follows Interstate 35 from Texas to Minnesota and then follows the Prairie Passage into and up the western side of Minnesota.

DNR, USFWS, and TNC researchers are continuing to refine our landscape and wildlife population models so that we can continue to do the best work where it will do the most good. This effort will never be finished as there is always more research being published and new ways to refine our models and conservation efforts.

Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

- H1 Protect priority land habitats
- H3 Improve connectivity and access to recreation

Which other plans are addressed in this program:

- Minnesota Prairie Conservation Plan
- Pheasant Summit Action Plan

Which LSOHC section priorities are addressed in this program:

Forest / Prairie Transition:

- Protect, enhance, and restore rare native remnant prairie

Metro / Urban:

- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna with an emphasis on areas with high biological diversity

Northern Forest:

- Restore and enhance habitat on existing protected properties, with preference to habitat for rare, endangered, or threatened species identified by the Minnesota County Biological Survey

Prairie:

- Protect, enhance, or restore existing wetland/upland complexes, or convert agricultural lands to new wetland/upland habitat complexes

Southeast Forest:

- Protect, enhance, and restore remnant goat prairies

Relationship to other funds:

- Not Listed

Describe the relationship of the funds:

Not Listed

How does this program include leverage in funds or other effort to supplement any OHF appropriation:

Not Listed

Describe the source and amount of non-OHF money spent for this work in the past:

Appropriation Year	Source	Amount
2015	Game and Fish (Wildlife Operations)	22,400,000
2015	Dedicated Account Funds (Duck Stamp, Pheasant Stamp, etc)	7,300,000
2015	Heritage Enhancement Account	4,300,000

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

Routine maintenance of these sites will be conducted by Area Wildlife staff on WMAs, DNR EWR staff on SNAs and Prairie Bank Easements, and USFWS staff on Refuges and WPAs. Maintaining prescribed levels of management will be dependent on future requests from the OHF, Game and Fish Fund, bonding, USFWS operating budgets and federal grant programs such as NAWCA (North American Wetland Conservation Act), ENRTF, or Special Project funds for SNAs.

Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
2020	Those listed in table above and OHF	monitor a subset of completed projects	document results using Strategic Habitat Conservation framework	Determine capacity for traditional funds to meet these objectives
2021 and beyond	Those listed above and OHF	continue to iteratively apply SHC framework to projects	adapt results to future projects	continue monitoring and research

Activity Details:

If funded, this program will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **Yes**

Explain

The primary purposes of WMAs are to develop and manage for the production of wildlife and for compatible outdoor recreation. To fulfill those goals, the DNR may use limited farming specifically to enhance or benefit the management of state lands for wildlife. This proposal may include initial development plans or restoration plans to utilize farming to prepare previously farmed sites for native plant seeding. This is a standard practice across the Midwest to prepare the seedbed for native seed planting. On a small percentage of WMAs (less than 2.5%), DNR uses farming to provide a winter food source for a variety of wildlife species in agriculture-dominated landscapes largely devoid of winter food sources.

Are any of the crop types planted GMO treated - **Yes**

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (WMA, WPA, SNA, Refuge Lands, RIM and Prairie Bank easements)**

Accomplishment Timeline:

Activity	Approximate Date Completed
WMA enhancement/restoration (excluding Roving Crew)	6/30/2022
SNA / Prairie Bank enhancement/restoration	6/30/2022
Roving Crew enhancement/restoration	6/30/2021
WPA / Refuge enhancement	6/30/2022

Date of Final Report Submission: 11/1/2022

Federal Funding:

Do you anticipate federal funds as a match for this program - **Yes**

Are the funds confirmed - **Yes**

Documentation

What are the types of funds?

Cash Match - \$

In-Kind Match - \$225000

Other -

Outcomes:

Programs in the northern forest region:

- Healthy populations of endangered, threatened, and special concern species as well as more common species *The DNR Ecological and Water Resources staff, including the Biological Survey, are primarily involved with this type of monitoring.*

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 currently do not have a statistically valid way of monitoring or addressing these issues. The DNR and partners are committed to working on this issue and keeping Council members and staff informed on these efforts. DNR Wildlife Research recently completed a study of mallard population monitoring that identified several issues that complicate small and large-scale monitoring in statistically defensible ways.*

Programs in metropolitan urbanizing region:

- Core areas protected with highly biologically diverse wetlands and plant communities, including native prairie, Big Woods, and oak savanna *DNR EWR staff will be primarily leading this effort to monitor outcomes in this part of the state.*

Programs in southeast forest region:

- Healthier populations of endangered, threatened, and special concern species as well as more common species *Again, DNR EWR researchers will be the primary way we can monitor populations in this part of the state.*

Programs in prairie region:

- Improved condition of habitat on public lands *The multi-agency Grassland Monitoring Team will continue to evaluate plant diversity. The USFWS Native Prairie Adaptive Management program focuses on the effects of enhancements on native plant diversity. DNR Wildlife has hired a new Habitat Biologist who specializes in pollinators. She will play an active role in monitoring impacts of enhancement activities on the invertebrate community. DNR Wildlife Research staff also have ongoing projects that study habitat and wildlife population responses to habitat quality.*

Budget Spreadsheet

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

Because we feel the Roving crew is so important, we will disproportionately fund them and then using the remaining funds for other items such as contracting.

Total Amount of Request: \$ 3950000

Budget and Cash Leverage

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$1,300,000	\$0		\$1,300,000
Contracts	\$1,512,000	\$0		\$1,512,000
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$689,000	\$0		\$689,000
Professional Services	\$0	\$0		\$0
Direct Support Services	\$190,000	\$0		\$190,000
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$259,000	\$0		\$259,000
DNR IDP	\$0	\$0		\$0
Total	\$3,950,000	\$0		\$3,950,000

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Roving Crew Leader and staff	6.00	3.00	\$900,000	\$0		\$900,000
contract and project management	0.11	4.00	\$38,000	\$0		\$38,000
SNA - NPB specialists and technicians	1.18	4.00	\$332,000	\$0		\$332,000
SNA laborers and seasonal crew	0.21	4.00	\$30,000	\$0		\$30,000
Total	7.50	15.00	\$1,300,000	\$0		\$1,300,000

Amount of Request: \$3,950,000

Amount of Leverage: \$0

Leverage as a percent of the Request: 0.00%

DSS + Personnel: \$1,490,000

As a % of the total request: 37.72%

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

We used the standard DNR calculator to determine this number.

Does the amount in the contract line include R/E work?

Yes. 100 percent

Describe and explain leverage source and confirmation of funds:

Not Listed

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	30	0	0	30
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	30,140	0	0	30,140
Total	0	30,170	0	0	30,170

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

Type	Native Prairie
Restore	0
Protect in Fee with State PILT Liability	0
Protect in Fee W/O State PILT Liability	0
Protect in Easement	0
Enhance	200
Total	200

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$42,000	\$0	\$0	\$42,000
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$3,908,000	\$0	\$0	\$3,908,000
Total	\$0	\$3,950,000	\$0	\$0	\$3,950,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	5	0	15	10	0	30
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	4,300	2,300	4,700	18,800	40	30,140
Total	4,305	2,300	4,715	18,810	40	30,170

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$3,000	\$0	\$27,000	\$12,000	\$0	\$42,000
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$617,000	\$361,000	\$1,026,000	\$1,780,000	\$124,000	\$3,908,000
Total	\$620,000	\$361,000	\$1,053,000	\$1,792,000	\$124,000	\$3,950,000

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$1400	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0
Enhance	\$0	\$130	\$0	\$0

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$600	\$0	\$1800	\$1200	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$143	\$157	\$218	\$95	\$3100

Target Lake/Stream/River Feet or Miles

0

Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Section 1 - Restore / Enhance Parcel List

Anoka

Name	TRDS	Acres	Est Cost	Existing Protection?
Blaine Preserve	03123226	4	\$15,400	Yes
Blaine Preserve	03123226	10	\$13,200	Yes
Burman WMA Savanna Enhancement	03324223	30	\$30,000	Yes

Becker

Name	TRDS	Acres	Est Cost	Existing Protection?
USFWS Detroit Lakes	13941215	7,500	\$240,000	Yes

Beltrami

Name	TRDS	Acres	Est Cost	Existing Protection?
Bemidji Slough Prairie Enhancement	14633228	33	\$15,230	Yes
Woodrow Pedio cetes Prairie Enhancement	15231227	13	\$4,700	Yes

Benton

Name	TRDS	Acres	Est Cost	Existing Protection?
Ben-Lacs WMA Prairie Enhancement	03628213	9	\$17,500	Yes
Glendorado WMA Prairie Enhancement	03628225	12	\$32,500	Yes

Big Stone

Name	TRDS	Acres	Est Cost	Existing Protection?
Akron 13-1 NPB	12044213	30	\$6,300	Yes
Bonanza SNA	12348220	50	\$5,300	Yes
Johnson NPB	12247201	2	\$1,300	Yes
USFWS Big Stone NWR	12045208	7,478	\$213,600	Yes

Blue Earth

Name	TRDS	Acres	Est Cost	Existing Protection?
Nicollet Area Woody Removal Projects	10525224	85	\$120,000	Yes

Brown

Name	TRDS	Acres	Est Cost	Existing Protection?
Bashaw Grove Cutting	10834221	10	\$10,000	Yes
Cottonwood River Prairie	10935231	50	\$3,800	Yes
Eden North 19-1 NPB	11233219	4	\$8,400	Yes
Linden 6-1 NPB	10830206	10	\$4,700	Yes
Mulligan 18-1 NPB	10833218	68	\$4,700	Yes

Carver

Name	TRDS	Acres	Est Cost	Existing Protection?
Seminary Fen	11623235	8	\$36,900	Yes
Seminary Fen	11623235	20	\$16,900	Yes
Seminary Fen	11623235	20	\$20,000	Yes

Chippewa

Name	TRDS	Acres	Est Cost	Existing Protection?
Gneiss	11539211	20	\$4,200	Yes
New London area Brometo Natives Conversion	11639205	50	\$55,000	Yes
New London Area Volunteer Tree Removal	11631204	160	\$48,000	Yes

Clay

Name	TRDS	Acres	Est Cost	Existing Protection?
Assinaboia	14245220	10	\$21,100	Yes
Assinaboia	14245220	150	\$15,800	Yes
B-B Ranch	14146213	150	\$15,800	Yes
Bicentennial	14145205	100	\$10,500	Yes
Blanket Flower Prairie	13744211	15	\$21,100	Yes
Blanket Flower Prairie	13744211	150	\$15,800	Yes
Shrike	14245230	40	\$4,700	Yes
Strand N NPB	14244219	45	\$4,700	Yes
Strand S	14244230	20	\$10,500	Yes
Ulen 29	14244229	40	\$4,700	Yes

Clearwater

Name	TRDS	Acres	Est Cost	Existing Protection?
Carter WMA Native Prairie Enhancement	14838219	18	\$10,000	Yes
Mosquito Creek Native Prairie Enhancement	14637219	48	\$29,800	Yes

Cottonwood

Name	TRDS	Acres	Est Cost	Existing Protection?
Ann 25-1 NPB	10838225	24	\$4,200	Yes
Carson 5-1 NPB	10635205	5	\$1,100	Yes
Great Bend 29-1 NPB	10536229	2	\$500	Yes
Rock Ridge	10735205	35	\$2,600	Yes
Storden 4-1 NPB	10737204	40	\$4,700	Yes
Summer Foliage Tree Spraying	10535231	1,000	\$6,000	Yes
Tree Pile Burning	10130233	40	\$15,000	Yes
USFWS Windom	10535219	8,883	\$693,000	Yes
Woody Removal	10535224	304	\$30,000	Yes

Dakota

Name	TRDS	Acres	Est Cost	Existing Protection?
Chimney Rock	11417231	4	\$10,700	Yes
Chimney Rock	11417231	5	\$11,100	Yes
Chimney Rock	11417231	28	\$49,000	Yes

Dodge

Name	TRDS	Acres	Est Cost	Existing Protection?
Dodge County WMAs Woody Removal	10717217	60	\$50,000	Yes
Tri-Cooperative WMA Woody Removal	10616225	15	\$15,000	Yes

Douglas

Name	TRDS	Acres	Est Cost	Existing Protection?
Lund 2	13040202	6	\$25,300	Yes
Lund 2	13040202	7	\$5,800	Yes
Lund 2	13040202	80	\$8,400	Yes
Lund 21	13040221	5	\$15,800	Yes

Fillmore

Name	TRDS	Acres	Est Cost	Existing Protection?
Chosen Valley WMA Native Prairie	10412206	30	\$30,600	Yes
Hvoslef WMA Native Prairie	10209226	12	\$16,450	Yes
Nosek WMA Fen Enhancement	10113224	15	\$28,500	Yes
OHF FY18 Cherry Grove WMA Woody Cover removal	10112203	78	\$5,750	Yes
Pin Oak Prairie	10412224	12	\$3,700	Yes
Pin Oak Prairie	10412224	20	\$50,000	Yes
Rushford Complex	10408214	285	\$59,800	Yes
Rushford Complex	10408219	30	\$72,700	Yes
Upper Iowa River Native Prairie	10113231	12	\$12,240	Yes

Freeborn

Name	TRDS	Acres	Est Cost	Existing Protection?
Wo Wacintanka Grassland	10419216	60	\$35,000	Yes

Goodhue

Name	TRDS	Acres	Est Cost	Existing Protection?
Cannon River Turtle Preserve	11316224	8	\$35,600	Yes
Cannon River Turtle Preserve	11316224	15	\$10,000	Yes
Cannon River Turtle Preserve	11316224	22	\$9,300	Yes
Cannon River Turtle Preserve	11316224	30	\$27,900	Yes
River Terrace Prairie	11217201	8	\$7,500	Yes
River Terrace Prairie	11217201	40	\$4,500	Yes
Spring Creek Prairie	11315234	5	\$4,200	Yes
Spring Creek Prairie	11315234	10	\$9,700	Yes
Spring Creek Prairie	11315234	32	\$138,000	Yes
Spring Creek Prairie	11315234	57	\$19,000	Yes
Understory Brush Mowing_Woody Removal	10515222	200	\$40,000	Yes

Grant

Name	TRDS	Acres	Est Cost	Existing Protection?
Blakesley tree removal	12843233	5	\$12,000	Yes
Olson NPB	12841206	20	\$4,700	Yes

Houston

Name	TRDS	Acres	Est Cost	Existing Protection?
Chisholm Valley WMA, OHF Grassland Improvement	10307204	10	\$6,000	Yes
Hokah Complex	10405234	5	\$13,400	Yes
Jefferson complex	10104219	122	\$69,200	Yes
Mound Prairie	10405234	48	\$8,500	Yes
Reno complex	10104202	63	\$42,100	Yes
Sheldon Complex	10306227	50	\$154,200	Yes
Vinegar Ridge Complex	10407215	180	\$129,800	Yes
Wetbark Complex	10307211	195	\$89,700	Yes

Jackson

Name	TRDS	Acres	Est Cost	Existing Protection?
Des Moines	10435219	52	\$4,200	Yes
Petersburg 27-1 NPB	10134227	13	\$11,600	Yes
Petersburg 27-1 NPB	10134227	20	\$5,300	Yes
Petersburg 33-1 NPB	10134233	3	\$2,600	Yes

Kandiyohi

Name	TRDS	Acres	Est Cost	Existing Protection?
Willmar WMA, tree removal	12035236	29	\$10,000	Yes

Kittson

Name	TRDS	Acres	Est Cost	Existing Protection?
Lake Bronson	16146225	5	\$19,000	Yes

Lac qui Parle

Name	TRDS	Acres	Est Cost	Existing Protection?
Agassiz 23-1 NPB	12045214	80	\$5,300	Yes

Lyon

Name	TRDS	Acres	Est Cost	Existing Protection?
Custer 15-1 NPB	10941215	4	\$1,100	Yes
Grandview Woody Removal	11242218	128	\$30,000	Yes
Lyon/Lynd NPB	11142236	1	\$1,700	Yes
Sodus Woody Removal	10942201	31	\$6,500	Yes

Mahnomen

Name	TRDS	Acres	Est Cost	Existing Protection?
Santee Prairie	14541206	150	\$15,800	Yes

Marshall

Name	TRDS	Acres	Est Cost	Existing Protection?
Marsh Grove 36-1	15645236	5	\$19,000	Yes
Marsh Grove 36-1	15645236	150	\$15,800	Yes
USFWS Agassiz NWR	15641209	9,983	\$299,150	Yes

McLeod

Name	TRDS	Acres	Est Cost	Existing Protection?
Nicolet Area MUA Woody Removal Projects	11628219	56	\$45,000	Yes

Meeker

Name	TRDS	Acres	Est Cost	Existing Protection?
USFWS Litchfield	11931203	9,086	\$958,600	Yes

Mille Lacs

Name	TRDS	Acres	Est Cost	Existing Protection?
Kunkel Follow-up Brush Treatment	03627235	65	\$6,500	Yes
Kunkel WMA Prescribed Fire Management	03627235	330	\$19,800	Yes

Morrison

Name	TRDS	Acres	Est Cost	Existing Protection?
Crane Meadows WMA Savanna Enhancement	03931203	5	\$7,000	Yes
Little Elk WMA Prairie Enhancement	13031219	20	\$13,000	Yes
Little Elk WMA Prairie Enhancement	13031219	45	\$34,000	Yes

Mower

Name	TRDS	Acres	Est Cost	Existing Protection?
Wild Indigo	10316218	24	\$75,800	Yes
Wild Indigo	10316217	20	\$5,300	Yes

Murray

Name	TRDS	Acres	Est Cost	Existing Protection?
Holly 2-1 NPB	10839202	3	\$800	Yes
Holly 2 & 3 NPB	10839202	11	\$9,600	Yes

Nobles

Name	TRDS	Acres	Est Cost	Existing Protection?
Sherwood WMA Prairie Reconstruction	10243232	28	\$9,000	Yes

Norman

Name	TRDS	Acres	Est Cost	Existing Protection?
Prairie Smoke Dunes	14644217	6	\$22,100	Yes
Prairie Smoke Dunes	14644217	150	\$15,800	Yes
Sandpiper Prairie	14345204	150	\$15,800	Yes

Olmsted

Name	TRDS	Acres	Est Cost	Existing Protection?
Oronoco Prairie	10814222	2	\$5,300	Yes
Oronoco Prairie	10814222	10	\$10,000	Yes
Oronoco Prairie	10814222	15	\$6,400	Yes

Ottertail

Name	TRDS	Acres	Est Cost	Existing Protection?
USFWS Fergus Falls	13441220	8,180	\$534,000	Yes

Otter Tail

Name	TRDS	Acres	Est Cost	Existing Protection?
Nidaros 21	13239221	20	\$4,700	Yes
Ottertail Prairie	13144217	160	\$16,900	Yes
Wallace	13140235	100	\$10,500	Yes

Polk

Name	TRDS	Acres	Est Cost	Existing Protection?
Crookston	14944213	13	\$21,100	Yes
Crookston	14944213	150	\$15,800	Yes
Crookston Polk Brush Mowing	14844215	303	\$40,000	Yes
Foxboro	14845203	6	\$19,000	Yes
Foxboro	14845203	80	\$8,400	Yes
USFWS Glacial Ridge NWR	14944226	4,470	\$188,000	Yes

Pope

Name	TRDS	Acres	Est Cost	Existing Protection?
Blue Mounds 10-1	12439210	5	\$31,600	Yes
Blue Mounds 10-1	12439210	150	\$10,500	Yes
Lake Johanna 31-2	12336231	5	\$12,600	Yes
Langhei Prairie	12339232	20	\$4,700	Yes
Selix NPB	12439209	20	\$4,700	Yes

Prairie

Name	TRDS	Acres	Est Cost	Existing Protection?
Perched Valley WMA	11213208	125	\$117,500	Yes

Red Lake

Name	TRDS	Acres	Est Cost	Existing Protection?
Lake Pleasant 22-1	15044222	40	\$4,700	Yes

Redwood

Name	TRDS	Acres	Est Cost	Existing Protection?
Cedar Mountain	11234214	13	\$42,100	Yes
Cedar Mountain	11234214	40	\$4,700	Yes
Cedar Rock	11336203	8	\$26,300	Yes
Delhi 14-1 NPB	11336214	30	\$63,200	Yes
Lamberton 15-1 NPB	10937215	4	\$1,000	Yes
Lamberton 15-1 NPB	10937215	8	\$4,700	Yes
Swedes Forest 28-1 NPB	11437228	3	\$6,300	Yes
Tiger Lake Prairie Restoration	11335228	50	\$24,000	Yes

Renville

Name	TRDS	Acres	Est Cost	Existing Protection?
Morton Outcrops	11334231	4	\$4,200	Yes
Morton Outcrops	11334231	10	\$42,100	Yes
Whispering Ridge WMA Rock Outcrop Tree Removal	11436229	50	\$100,000	Yes

Roseau

Name	TRDS	Acres	Est Cost	Existing Protection?
Two Rivers AP	16044217	20	\$15,800	Yes
Two Rivers AP	16044219	6	\$19,000	Yes
Two Rivers AP	16044219	250	\$21,100	Yes

Scott

Name	TRDS	Acres	Est Cost	Existing Protection?
Savage Fen	11521217	10	\$25,500	Yes
Savage Fen	11521217	35	\$152,700	Yes

Sherburne

Name	TRDS	Acres	Est Cost	Existing Protection?
Harry Cater Prairie	03530222	11	\$4,700	Yes
Uncas Dunes	03427221	11	\$5,300	Yes
Uncas Dunes	03427221	20	\$45,300	Yes
USFWS Sherburne NWR	03527229	8,000	\$200,000	Yes

Stearns

Name	TRDS	Acres	Est Cost	Existing Protection?
Quarry Park	12428229	4	\$17,900	Yes
Sauk Rapids Area Wide WMA Tree/Shrub Removal on Grasslands	12334228	75	\$17,000	Yes
Sedan Brook Prairie	12435217	14	\$27,400	Yes
Sedan Brook Prairie	12435217	17	\$41,600	Yes
Sedan Brook Prairie	12435217	40	\$15,000	Yes

Steele

Name	TRDS	Acres	Est Cost	Existing Protection?
Somerset WMA Woody Removal	10720229	80	\$80,000	Yes

Stevens

Name	TRDS	Acres	Est Cost	Existing Protection?
USFWS Morris	12443212	8,460	\$455,000	Yes

Swift

Name	TRDS	Acres	Est Cost	Existing Protection?
Appleton 19-1 NPB	12043219	30	\$6,300	Yes
Fairfield 31-1 NPB	12242231	6	\$1,700	Yes

Todd

Name	TRDS	Acres	Est Cost	Existing Protection?
Hartford WMA Prairie Enhancement	13033224	22	\$50,500	Yes
Ireland WMA Grassland Enhancement	12832227	20	\$30,000	Yes
Kobliska Prairie Enhancement	13132204	41	\$111,000	Yes
Kobliska Prairie Enhancement	13132204	73	\$111,000	Yes
Ostendorff WMA Prairie Enhancement	12732204	16	\$31,000	Yes
Owen-Hinz WMA Prairie Enhancement	12835212	35	\$112,000	Yes
Santer WMA Prairie Enhancement	12835202	51	\$138,000	Yes
Santer WMA Prairie Enhancement	12835202	52	\$80,000	Yes
Sheets Lake WMA Prairie Enhancement	13033209	20	\$14,000	Yes

Traverse

Name	TRDS	Acres	Est Cost	Existing Protection?
Fibranz	12747232	40	\$4,700	Yes
Walls 18-1	12647218	24	\$4,700	Yes
Walls 7-1	12647207	60	\$6,300	Yes
Walls 7-2	12647207	15	\$4,700	Yes
Windsor 13-1	12648212	15	\$31,600	Yes
Windsor 13-1	12648212	90	\$10,500	Yes

Wabasha

Name	TRDS	Acres	Est Cost	Existing Protection?
Kellogg Weaver Dunes	10909206	80	\$7,500	Yes
Kellogg Weaver Dunes	10909206	100	\$34,200	Yes
Kellogg Weaver Dunes	10909206	150	\$148,000	Yes
McCarthy Lake WMA Native prairie	11010235	4	\$3,340	Yes

Washington

Name	TRDS	Acres	Est Cost	Existing Protection?
Bayport Savanna Enhancement	02920222	27	\$22,500	Yes
Grey Cloud Dunes	02721232	16	\$10,500	Yes
Grey Cloud Dunes	02721232	20	\$13,200	Yes
Grey Cloud Dunes	02721232	20	\$75,800	Yes
Lost Valley Prairie	02720228	10	\$7,400	Yes
Lost Valley Prairie	02720228	10	\$12,100	Yes
Lost Valley Prairie	02720228	62	\$23,300	Yes
St. Croix Savanna	02920215	5	\$3,700	Yes
St. Croix Savanna	02920215	7	\$17,900	Yes
St. Croix Savanna	02920215	25	\$13,200	Yes

Wilkin

Name	TRDS	Acres	Est Cost	Existing Protection?
Atherton 5-1	13646205	30	\$4,700	Yes
Tanberg 20-1	13545220	80	\$8,400	Yes
Tanberg 29-1	13545229	80	\$8,400	Yes
Tanberg 29-2	13545229	60	\$6,300	Yes

Winona

Name	TRDS	Acres	Est Cost	Existing Protection?
Whitewater Prescribed burning	10810211	600	\$22,000	Yes

Yellow Medicine

Name	TRDS	Acres	Est Cost	Existing Protection?
Blue Devil	11539204	4	\$15,800	Yes
Fortier 24-1 NPB	11446224	2	\$1,000	Yes
MN Falls 10-1 NPB	11539210	5	\$1,000	Yes
MN Falls 3-1 NPB	11539203	10	\$1,700	Yes
Mo und Spring	11546217	10	\$5,300	Yes
Mo und Spring	11546217	15	\$3,200	Yes
Mo und Spring	11546218	70	\$3,200	Yes
Mo und Spring	11546219	40	\$3,200	Yes
Mo und Spring	11546229	60	\$4,200	Yes
Swede Forest SNA	11438212	14	\$47,400	Yes
Swede Forest SNA	11438212	20	\$4,200	Yes

Section 2 - Protect Parcel List

No parcels with an activity type protect.

Section 2a - Protect Parcel with Bldgs

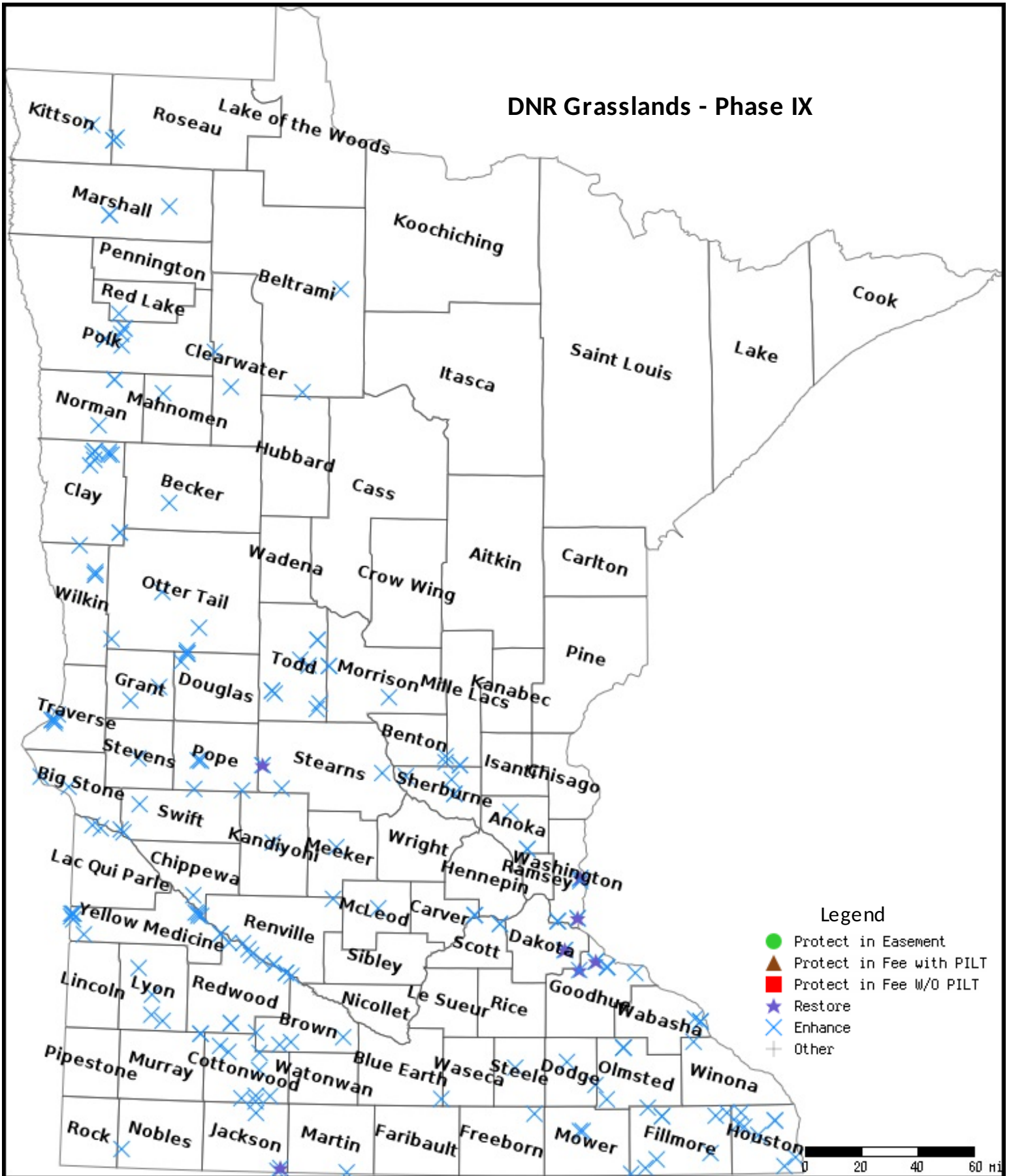
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

DNR Grasslands - Phase IX



Data Generated From Parcel List

Lessard-Sams Outdoor Heritage Council Comparison Report

Program Title: 2017 - DNR Grasslands - Phase IX

Organization: DNR

Manager: Greg Hoch

Budget

Requested Amount: \$13,184,800

Appropriated Amount: \$3,950,000

Percentage: 29.96%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$2,547,400	\$0	\$1,300,000	\$0	51.03%	-
Contracts	\$8,535,900	\$0	\$1,512,000	\$0	17.71%	-
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0	-	-
Easement Acquisition	\$0	\$0	\$0	\$0	-	-
Easement Stewardship	\$0	\$0	\$0	\$0	-	-
Travel	\$912,300	\$0	\$689,000	\$0	75.52%	-
Professional Services	\$0	\$0	\$0	\$0	-	-
Direct Support Services	\$425,100	\$0	\$190,000	\$0	44.70%	-
DNR Land Acquisition Costs	\$0	\$0	\$0	\$0	-	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$2,500	\$0	\$0	\$0	0.00%	-
Supplies/Materials	\$761,600	\$0	\$259,000	\$0	34.01%	-
DNR IDP	\$0	\$0	\$0	\$0	-	-
Total	\$13,184,800	\$0	\$3,950,000	\$0	29.96%	-

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

Because we feel the Roving crew is so important, we will disproportionately fund them and then using the remaining funds for other items such as contracting.

Output

Table 1a. Acres by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,056	30	2.84%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	98,035	30,140	30.74%

Table 2. Total Funding by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	727,300	42,000	5.77%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	12,457,500	3,908,000	31.37%

Table 3. Acres within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,056	30	2.84%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	98,035	30,140	30.74%

Table 4. Total Funding within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	727,300	42,000	5.77%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	12,457,500	3,908,000	31.37%