## **Request for Funding**

# Lessard-Sams Outdoor Heritage Council Fiscal Year 2015 / ML 2014

**Program or Project Title:** Accelerated protection of grassland and prairie habitat with Reinvest In Minnesota (RIM) and Native Prairie Bank (NPB) easements

Funds Requested: \$40,000,000

Manager's Name: Jason Garms

Title:

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County Locations: No Counties Listed

#### **Ecological Planning Regions:**

Forest / Prairie Transition

Prairie

#### Activity Type:

Protect in Easement

#### Priority Resources Addressed by Activity:

Prairie

#### **Abstract:**

The Reinvest In Minnesota (RIM) and the Native Prairie Bank (NPB) programs (NPB) are coordinating to accelerate grassland protection efforts. This proposal will enroll 4000 RIM acres and 4000 NPB acres. Enrollment will focus on Minnesota Prairie Plan identified landscapes.

## **Design and Scope of Work:**

The loss of native prairie and grassland habitat is arguably the greatest conservation challenge facing western and southern Minnesota. This proposal aims to protect 8000 acres of prairie and grassland habitat by coordinating and accelerating the enrollment of Reinvest In Minnesota (RIM) and the Native Prairie Bank (NPB) easements. This level of acceleration is needed to address today's rapid loss of grassland habitat and meet the goals set forth in the Minnesota Prairie Conservation Plan.

The National Agriculture Statistics Service reports that grassland conversion to corn and soybeans across a significant portion of the Western Corn Belt is comparable to deforestation rates in Brazil, Malaysia and Indonesia. In fact, the rate of grassland-to-cropland conversion in the Corn Belt has not been this high since the 1920s and 1930s, the era of rapid mechanization of America's agriculture. Minnesota was once a land of 18 million acres of prairie, today less than 2 percent remains. The few acres of native prairie that remain where once thought of as too rocky or wet for row crops – not anymore. The current combination of low interest rates, high corn and soybean prices and ever-increasing yields per acre make it economically attractive to convert even marginal lands that were never before deemed tillable. Even the last 25-years of investments to restore grasslands with

the Conservation Reserve Program (CRP) stands to be lost. There was once 1.9 million acres of CRP in Minnesota; today that amount is about 1.4 million acres. Since 2007 Minnesota has lost 425,000 acres of CRP and another 625,000 acres of CRP is scheduled to expire over the next five years. Together, that's a land mass roughly the size of Rhode Island. If the current trajectory of grassland and prairie loss continues it will be devastating to grassland wildlife populations, including pollinator species.

Recognizing that protecting grassland and wetland habitat is the one of the most critical environmental challenges facing Minnesota, over a dozen leading conservation organizations have developed a blue print for moving forward – the Minnesota Prairie Conservation Plan. This plan calls for several outcomes, including the protection of all remaining native prairie and the protection other grasslands through conservation easements. The two primary, state administered easement programs identified to accomplish this are the Reinvest in Minnesota Program (RIM) and the Native Prairie Bank Program (NPB). In 1986, the Reinvest in Minnesota Resources Act was enacted to restore certain marginal and environmental sensitive agricultural land to protect soil and water quality and support fish and wildlife habitat. To date over 6,000 RIM easements have been enrolled, covering more than 250,000 acres. The RIM Program currently focuses on permanent wetland restoration, adjacent native grassland wildlife habitat complexes and permanent riparian buffers. The Native Prairie Bank Program was established by the 1987 legislature to protect private native prairie lands by authorizing the state to acquire conservation easements from landowners. To date 111 NPB easements have been enrolled, covering about 8990 acres. The NPB Program targets protection of native prairie lands, placing highest priority on diverse native plant communities, rare species habitats and lands that are part of a larger prairie complex.

Between the current priority lands for RIM and NPB enrollment lies a mix or restored grasslands and low diversity remnant prairies – without any protection from conversion. In order to achieve the Minnesota Prairie Plans goals the RIM and NPB programs are re-tooling to better address today's threat of prairie, grassland and wetland loss. A strong infusion of new funding and targeting enrollment to priority landscapes will better position these programs to deliver the outcomes called for in the Minnesota Prairie Plan. Specifically this proposal will enroll 4000-acres of RIM easements and 4000-acres of Native Prairie Bank easements. These acres will be focused on priority landscapes identified in the Minnesota Prairie Plan. Local Technical Teams comprised of local conservation organizations have already been assembled and eagerly await funding to deliver these programs to willing landowners.

## **Planning**

#### MN State-wide Conservation Plan Priorities:

- H1 Protect priority land habitats
- H5 Restore land, wetlands and wetland-associated watersheds

#### Plans Addressed:

- Grassland Bird Conservation Area
- Grassland Conservation Plan for Prairie Grouse
- Long Range Duck Recovery Plan
- Long Range Plan for the Ring-Necked Pheasant in MN
- Minnesota DNR Nongame Wildlife Plans
- Minnesota DNR Scientific and Natural Area's Long Range Plan
- Minnesota DNR Strategic Conservation Agenda
- Minnesota Prairie Conservation Plan
- North American Waterbird Conservation Plan
- North American Waterfowl Management Plan
- Northern Tallgrass Prairie Habitat Preservation Area (HPA) Final Environmental Impact Statement
- Outdoor Heritage Fund: A 25 Year Framework
- Partners in Flight Conservation Plans for States and Physiographic Regions
- Partners in Flight Grassland Bird Plan
- Tomorrow's Habitat for the Wild and Rare
- U.S. Fish and Wildlife Service Strategic Habitat Conservation Model
- U.S. Prairie Pothole Joint Venture Plan

#### **LSOHC Statewide Priorities:**

- Address Minnesota landscapes that have historical value to fish and wildlife, wildlife species of greatest conservation need, Minnesota County Biological Survey data, and rare, threatened and endangered species inventories in land and water decisions, as well as long-term or permanent solutions to aquatic invasive species
- Are ongoing, successful, transparent and accountable programs addressing actions and targets of one or more of the ecological sections
- Ensures activities for "protecting, restoring and enhancing" are coordinated among agencies, non profits and
  others while doing this important work; provides the most cost-effective use of financial resources; and
  where possible takes into consideration the value of local outreach, education, and community
  engagement to sustain project outcomes
- Produce multiple enduring conservation benefits
- Restore or enhance habitat on permanently protected land
- Use a science-based strategic planning and evaluation model to guide protection, restoration and enhancement, similar to the United States Fish and Wildlife Service's Strategic Habitat Conservation model

#### **LSOHC Prairie Section Priorities:**

- Protect, enhance, or restore existing wetland/upland complexes, or convert agricultural lands to new wetland/upland habitat complexes
- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna
- Protect expiring CRP lands
- Protect, enhance, and restore migratory habitat for waterfowl and related species, so as to increase migratory and breeding success

#### **LSOHC Forest Prairie Transition Section Priorities:**

- Protect, enhance, and restore wild rice wetlands, shallow lakes, wetland/grassland complexes, aspen parklands, and shoreland that provide critical habitat for game and nongame wildlife
- Protect, enhance, and restore rare native remnant prairie
- Protect, enhance, and restore migratory habitat for waterfowl and related species, so as to increase migratory and breeding success

## **Relationship to Other Constitutional Funds:**

No Relationships Listed

## **Accelerates or Supplements Current Efforts:**

The RIM program has traditionally focused on restoring habitat on marginal croplands and creating new, additional habitat. With limited funding, the Native Prairie Bank (NPB) program has traditionally limited enrollment to the highest quality native prairies. Minnesota has many restored grasslands and moderate quality native prairies, all providing significant habitat value, but has not been a traditional focus of these programs. Without permanent protection options, these existing grasslands are under great threat of conversion to row crops. Under the strategic direction provided by the Minnesota Prairie Plan, and the recognition that a new wave of grassland loss is upon us, both the RIM and NPB programs are realigning targets and priorities. This realignment will ensure that a gap doesn't exist between the programs, and that a landowner interested in permanent protection of their grassland or prairie has a viable option. Funding from this proposal will provide an acceleration of targeted enrollment for both programs.

## **Sustainability and Maintenance:**

The BWSR partners with local SWCDs to carry-out oversight, monitoring and inspection of its RIM conservation easements. Easements are inspected for the first five consecutive years beginning in the year after the easement is recorded. Thereafter on-site inspections are performed every three years and compliance checks are performed in the other two years. Stewardship costs are part of this project and are calculated at \$2,400/ easement for 25 years. BWSR is in the process of reassessing stewardship costs based upon perpetual costs. Accomplishment plan amendments will be requested if costs change significantly. Landowners are ultimately

responsible for maintaining easement areas according to the approved conservation plan which is part of every easement by incorporation. Native Prairie Bank (NPB) conservation easements are monitored according to the MN DNR's "Scientific & Natural Areas Program Conservation Easement Long-Term Stewardship, Monitoring & Enforcement Plan". This plan calls for annual landowner contacts as well as on-the-ground site evaluations every year for the first three years, then once every three years if no violations are found. Budgeted into this proposal is funding to establish an account dedicated to the perpetual monitoring and enforcement of NPB easements acquired under this proposal.

#### **Public Use:**

Will the eased land be open for public use? - No

#### **Permanent Protection:**

Is the land you plan to acquire free of any other permanent protection? - Yes

## **Accomplishment Timeline**

Activity	Approximate Date Completed
Enrollment of 4000 acres of Reinvest In Minnesota easements	June 30, 2017
Enrollment of 4000 acres of Native Prairie Bank easements	June 30, 2017

#### **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 *Using the MN Prairie Plan framework, habitat complex's and corridors will be targeted for protection; resulting acres will be tracked and reportable.*
- Wetland and upland complexes will consist of native prairies, restored prairies, quality grasslands, and restored shallow lakes and wetlands *Using the MN Prairie Plan framework, habitat complex's will be targeted for protection; resulting acres will be tracked and reportable.*
- Remnant native prairies are part of large complexes of restored prairies, grasslands, and large and small wetlands *Using the MN Prairie Plan framework*, protection of native prairie will be top priority; resulting acres will be tracked and reportable.

#### **Programs in prairie region:**

- Expiring CRP lands are permanently protected *The scoring for process for RIM easements gives a preference to protecting expiring CRP; the resulting acres will be tracked and reportable.*
- Remnant native prairies are part of large complexes of restored prairies, grasslands, and large and small wetlands Using the MN Prairie Plan framework, protection of native prairie will be top priority; resulting acres will be tracked and reportable.
- Key core parcels are protected for fish, game and other wildlife *Using the MN Prairie Plan framework, key parcels in core areas will be targeted for protection; resulting acres will be tracked and reportable.*
- Remnant native prairies and wetlands are perpetually protected and adequately buffered *Native Prairie*Bank easements will target remnant prairies, but also enroll adjoining lands as a buffer; resulting acres will be tracked and reportable.
- Protected, restored, and enhanced habitat for migratory and unique Minnesota species *Using the MN Prairie* Plan framework, habitat complex's and corridors will be targeted for protection; resulting acres will be tracked and reportable.

## **Budget Spreadsheet**

Total Amount of Request: \$40,000,000

## **Budget and Cash Leverage**

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$1,879,000	\$0		\$1,879,000
Contracts	\$207,500	\$0		\$207,500
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$35,556,000	\$0		\$35,556,000
Easement Stewardship	\$940,000	\$0		\$940,000
Travel	\$80,000	\$0		\$80,000
Professional Services	\$760,000	\$0		\$760,000
Direct Support Services	\$237,000	\$0		\$237,000
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$48,000	\$0		\$48,000
Supplies/Materials	\$292,500	\$0		\$292,500
DNR IDP	\$0	\$0		\$0
Total	\$40,000,000	\$0	-	\$40,000,000

#### Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
NR Specialist	3.00	3.00	\$630,000	\$0		\$630,000
Acquisition Specialist	1.25	3.00	\$289,000	\$0		\$289,000
Easement processors	2.00	3.00	\$450,000	\$0		\$450,000
GIS/Database	0.50	3.00	\$90,000	\$0		\$90,000
Engineering	1.00	3.00	\$258,000	\$0		\$258,000
Project Manager	0.50	3.00	\$100,000	\$0		\$100,000
Program Management	0.25	3.00	\$62,000	\$0		\$62,000
Total	8.50	21.00	\$1,879,000	\$0	-	\$1,879,000

## **Budget and Cash Leverage by Partnership**

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	DEFAULT	\$0	\$0		\$0
Contracts	DEFAULT	\$0	\$0		\$0
Fee Acquisition w/ PILT	DEFAULT	\$0	\$0		\$0
Fee Acquisition w/o PILT	DEFAULT	\$0	\$0		\$0
Easement Acquisition	DEFAULT	\$0	\$0		\$0
Easement Stewardship	DEFAULT	\$0	\$0		\$0
Travel	DEFAULT	\$0	\$0		\$0
Professional Services	DEFAULT	\$0	\$0		\$0
Direct Support Services	DEFAULT	\$0	\$0		\$0
DNR Land Acquisition Costs	DEFAULT	\$0	\$0		\$0
Capital Equipment	DEFAULT	\$0	\$0		\$0
Other Equipment/Tools	DEFAULT	\$0	\$0		\$0
Supplies/Materials	DEFAULT	\$0	\$0		\$0
DNR IDP	DEFAULT	\$0	\$0		\$0
Total	-	\$0	\$0	-	\$0

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	DNR	\$919,000	\$0		\$919,000
Contracts	DNR	\$207,500	\$0		\$207,500
Fee Acquisition w/ PILT	DNR	\$0	\$0		\$0
Fee Acquisition w/o PILT	DNR	\$0	\$0		\$0
Easement Acquisition	DNR	\$17,146,000	\$0		\$17,146,000
Easement Stewardship	DNR	\$700,000	\$0		\$700,000
Travel	DNR	\$50,000	\$0		\$50,000
Professional Services	DNR	\$460,000	\$0		\$460,000
Direct Support Services	DNR	\$237,000	\$0		\$237,000
DNR Land Acquisition Costs	DNR	\$0	\$0		\$0
Capital Equipment	DNR	\$0	\$0		\$0
Other Equipment/Tools	DNR	\$28,000	\$0		\$28,000
Supplies/Materials	DNR	\$252,500	\$0		\$252,500
DNR IDP	DNR	\$0	\$0		\$0
Total		\$20,000,000	\$0	-	\$20,000,000

## Personnel - DNR

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
NR Specialist	3.00	3.00	\$630,000	\$0		\$630,000
Acquisition Specialist	1.25	3.00	\$289,000	\$0		\$289,000
Total	4.25	6.00	\$919,000	\$0	-	\$919,000

<b>Budget Name</b>	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	BWSR	\$960,000	\$0		\$960,000
Contracts	BWSR	\$0	\$0		\$0
Fee Acquisition w/ PILT	BWSR	\$0	\$0		\$0
Fee Acquisition w/o PILT	BWSR	\$0	\$0		\$0
Easement Acquisition	BWSR	\$18,410,000	\$0		\$18,410,000
Easement Stewardship	BWSR	\$240,000	\$0		\$240,000
Travel	BWSR	\$30,000	\$0		\$30,000
Professional Services	BWSR	\$300,000	\$0		\$300,000
Direct Support Services	BWSR	\$0	\$0		\$0
DNR Land Acquisition Costs	BWSR	\$0	\$0		\$0
Capital Equipment	BWSR	\$0	\$0		\$0
Other Equipment/Tools	BWSR	\$20,000	\$0		\$20,000
Supplies/Materials	BWSR	\$40,000	\$0		\$40,000
DNR IDP	BWSR	\$0	\$0		\$0
Total	-	\$20,000,000	\$0	-	\$20,000,000

## Personnel - BWSR

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Easement processors	2.00	3.00	\$450,000	\$0		\$450,000
GIS/Database	0.50	3.00	\$90,000	\$0		\$90,000
Engineering	1.00	3.00	\$258,000	\$0		\$258,000
Project Manager	0.50	3.00	\$100,000	\$0		\$100,000
Program Management	0.25	3.00	\$62,000	\$0		\$62,000
Total	4.25	15.00	\$960,000	\$0		- \$960,000

## **Output Tables**

Table 1. Acres by Resource Type

Туре	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	475	0	0	475
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	8,000	0	0	8,000
Enhance	0	0	0	0	0
Total	0	8,475	0	0	8,475

## Table 2. Total Requested Funding by Resource Type

Туре	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$475,000	\$0	\$0	\$475,000
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	\$39,525,000	\$0	\$0	\$39,525,000
Enhance	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$40,000,000	\$0	\$0	\$40,000,000

## Table 3. Acres within each Ecological Section

Туре	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	0	100	0	375	0	475
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	1,000	0	7,000	0	8,000
Enhance	0	0	0	0	0	0
Total	0	1,100	0	7,375	0	8,475

Table 4. Total Requested Funding within each Ecological Section

Туре	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	\$0	\$100,000	\$0	\$375,000	\$0	\$475,000
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	\$4,900,000	\$0	\$34,625,000	\$0	\$39,525,000
Enhance	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$5,000,000	\$0	\$35,000,000	\$0	\$40,000,000

## Table 5. Target Lake/Stream/River Miles

0 miles

## **Parcel List**

## **Section 1 - Restore / Enhance Parcel List**

No parcels with an activity type restore or enhance.

## **Section 2 - Protect Parcel List**

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
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## **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.

#### **Prairie Bank Evaluation Guide**

<b>Evaluation factors</b>	ints Notes	
Diversity and quality	■ 25 Points:	
of the native prairie habitat contained in the tract	<ul> <li>✓ Presence of a natural community with an A, B, or B/C element occurrent Heritage Database, MN Biological Survey); and/or</li> <li>✓ Site identified as MBS site of Outstanding or High Biodiversity Significated Presence of regionally significant prairie community type, such as wet publication drained regions of the state.</li> <li>✓ Locally documented high biodiversity despite a previous low MBS ranking MBS protocols</li> <li>■ 20 Points:</li> <li>✓ Presence of a natural community with C rank or higher native prairie communities Database, MN Biological Survey)</li> <li>■ 10 Points:</li> <li>✓ At least 50% of the project site is C rank native prairie communities, but on DNR Natural Heritage Database, MN Biological Survey)</li> </ul>	ance. rairie communities in predominately ing – must be confirmed by DNR staff mmunities (based on DNR Natural
	<ul> <li>O Points:</li> <li>✓ The only native prairie present on site has a D ranking (based on DNR N Biological Survey)</li> </ul>	Vatural Heritage Database, MN
Size of prairie	<ul> <li>15 Points</li> <li>✓ Tract is regionally significant in size. For example a 20-acre bluffland pris regionally significant in size; alternatively a 20-acre on the Agassiz Boin size.</li> <li>10 Points</li> <li>✓ Moderate sized prairie remnant relative to other prairies in the area.</li> <li>0-3 Points</li> <li>✓ Small prairie remnant relative to other prairies in the area.</li> </ul>	
Occurrence of, or suitable habitat for rare species on the site	<ul> <li>20 Points:</li> <li>✓ Presence of or habitat for a federally listed species; and/or</li> <li>✓ Presence of one or more state endangered or threatened species occurren</li> <li>15 Points</li> <li>✓ 5 or more Species of Greatest Conservation Need (SGCN) as determined and Rare: Minnesota's Comprehensive Wildlife Conservation Strategy</li> <li>✓ An unranked occurrence of a state endangered or threatened species.</li> <li>10 Points:</li> <li>✓ Presence of one or more special concern species with a C/D or D EO rand O Points:</li> <li>✓ No rare species on site or within 2 miles</li> </ul>	d by Tomorrow's Habitat for the Wild

<b>Evaluation factors</b>	Points	Notes
Location of the tract in relation to other native prairie tracts and/or public land		<ul> <li>15 Points:</li> <li>✓ Tract is in a core area of the Prairie Plan or within a landscape with a relatively high concentration of native prairie remnants and rare species occurrences; and/or</li> <li>✓ Tract is near or adjacent other permanently protected conservation lands – particularly units with prairie/grassland habitat.</li> <li>10 Points:</li> <li>✓ Tract is in a Prairie Plan Corridor</li> <li>0-5 Points</li> <li>✓ Isolated parcel. Other prairie habitat or conservation lands within 2-miles = 5 points; greater than 10-miles = 0 points</li> </ul>
Potential for long- term habitat management and enhancement of the site		<ul> <li>10 Points:         <ul> <li>✓ Tract improves management options for larger, contiguous area (e.g. improves ability for prescribed fire mgmt, invasive species control).</li> <li>✓ There is direct access from a public road (Protected Property borders road)</li> <li>8 Points:</li> <li>✓ Tract has no major limitations to management</li> <li>✓ There is a use access route from a public road to the Protected Property that the landowner is willing to designate as the DNR's legal access</li> <li>0-3 Points:</li> <li>✓ Tract has significant limitations to management (e.g. surrounding residential development limits Rxfire, exotic weed control issues).</li> <li>✓ Access is weak or non-existent. Weak access includes having to get permission from neighbor to access, or having to cross two privately-owned, neighboring parcels to access.</li> </ul> </li> </ul>
Additional factors (included in the evaluation as appropriate)		<ul> <li>10 Points:</li> <li>✓ Jeopardy of tract: e.g. tract is in an area where this type of property is experiencing development pressure due to gravel mining, cropland conversion, housing, or other imminent threats.</li> <li>✓ Landowner is willing to donate significant acres to the easement, and donated acres would contribute to the program's prairie conservation goals.</li> <li>5 Points:</li> <li>✓ Evaluation/recommendation for protection by local staff familiar with the site, including: DNR Wildlife, Parks, EWR, USFWS, NRCS, SWCD, researchers</li> </ul>
OVERALL SITE EVALUATION		<ul> <li>Overall summary of the site's priority for enrollment based on the evaluation criteria. Writing a nice succinct summary statement here is very helpful as this statement can be used repeatedly for the fact sheet as well as for future LCCMR, LSOHC, Bonding etc. reports.</li> </ul>