



Lessard-Sams Outdoor Heritage Council

DNR Grassland Enhancement Ph X
Laws of Minnesota 2018 Final Report

General Information

Date: 10/25/2023

Project Title: DNR Grassland Enhancement Ph X

Funds Recommended: \$4,007,000

Legislative Citation: ML 2018, Ch. 208, Art. 1, Sec. 2, subd 2(m)

Appropriation Language: \$4,007,000 the second year is to the commissioner of natural resources to accelerate restoration and enhancement of prairies, grasslands, and savannas in wildlife management areas, in scientific and natural areas, on lands in the native prairie bank, in bluff prairies on state forest land in southeastern Minnesota, and in waterfowl production areas and refuge lands of the United States Fish and Wildlife Service. A list of proposed land restorations and enhancements must be provided as part of the required accomplishment plan.

Manager Information

Manager's Name: Greg Hoch

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Location Information

County Location(s): Polk, Becker, Norman, Clay, Crow Wing, Washington, Scott, Todd, Houston, Fillmore, Benton, Winona, Wabasha, Lac qui Parle, Yellow Medicine, Redwood, Blue Earth, Watonwan, Dodge, Aitkin, Goodhue, Morrison, Cottonwood, McLeod, Lincoln, Brown, Nobles, Murray, Pipestone, Chippewa, Meeker, Le Sueur, Lyon, Martin, Swift, Dakota, Big Stone, Pope, Olmsted, Otter Tail, Jackson, Rice, Freeborn, Mower, Sibley, Stevens, Kandiyohi, Traverse, Stearns, Renville and Grant.

Eco regions in which work will take place:

- Northern Forest
- Forest / Prairie Transition
- Prairie

- Metro / Urban
- Southeast Forest

Activity types:

- Restore
- Enhance

Priority resources addressed by activity:

- Wetlands
- Prairie

Narrative

Summary of Accomplishments

We restored and enhanced a total of 15,577 grassland acres with 239 projects on Wildlife Management Areas, Scientific and Natural Areas, and Native Prairie Bank easements.

Process & Methods

We select projects using a number of criteria and reviews to make sure the DNR were spending these funds in the best and most productive ways. We can summarize our results in the following table.

Brome conversion 6
 Interseeding 60
 Grassland restoration 838
 Prescribed Fire 10,550
 Herbaceous Invasive Control 346
 Goat Browsing - woody removal 71
 Woody Removal 3,492
 TOTAL 15,577

This appropriation involved the Southwest Roving Crews. These Crews allow the DNR to be very flexible. While they have a list of projects to work on, they can also respond fairly quickly if there's an enhancement opportunity shows up. For instance, a short dry period in a part of the state may allow them to conduct a late summer prescribed fire which was not in any of the original work plans. Roving Crews have begun experimenting with different burn seasons. The DNR and partners continue to host field days each summer to learn about management practices such as prescribed fire, conservation grazing, etc. We also regularly review the scientific literature to make sure we are applying the most up to date techniques in our management. We were also able to continue our experimenting with goat browsing in the SE to control buckthorn. SNA staff will monitor these sites over the coming years. This may provide a way to reduce chemical use and integrate some new and emerging agricultural practices, goats, into habitat management for the benefit of wildlife and the agricultural economy.

The DNR has traditionally focused on game species such as pheasants. However, there is more and more interest in pollinators and biodiversity. Fortunately, just about every study out there shows that management and restoration for pollinators and songbirds often creates the best habitat for game species. Diverse, healthy, productive habitat is good for a wide range of species. These projects can also increase the amount of carbon absorbed and stored by the plants and soils on these sites. All of these projects, directly or indirectly, fit within the state's Climate Action Framework and other climate related activities. As we continue to use these funds, costs for projects will probably increase. In the early years of these funds, we completed a number of simpler or easier projects, the low-hanging

fruit. Now we are left with the larger and more challenging projects.

In our budget table, we prorated our budget for individual projects by the acres accomplished. Staff funding was combined into one value. Identifying funding for each position would be an accounting challenge so staff funds were combined by DNR Division.

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?

Prairie habitats once covered one-third of the state but presently less than 2% remain. Native prairie, other grasslands that provides habitat for wildlife, and wetlands are key components of functional prairie landscapes that have the capacity to adapt to changing environmental conditions. While these appropriation only added 838 acres of grassland acres to the state through restoration, these funds enhanced a much larger area. Put another way, we restored and enhanced 24.3 square miles with these funds. That would be a strip of grassland habitat that would equate to a quarter mile wide stretching from Moorhead to Alexandria.

None of this work was targeted at a specific species of wildlife. We used that approach that diverse productive habitats benefit a wide variety of both game and non-game wildlife species as well as any threatened or endangered species. In our restorations, we use very diverse seed mixes. This is obviously beneficial for pollinators. However, all those insects also create a food base for a large number of wildlife species. The structural diversity all those plant species create in the habitat allow every species to find an ideal niche in the grass as well as accommodates different life history stages of wildlife.

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.

The Minnesota Prairie Conservation Plan, the Prairie Pothole Joint Venture, and other state, regional, and national plans help us be strategic and targeted with our work. While this appropriation doesn't necessarily build on the habitat land base in those plans, it makes the existing grassland habitat as productive as possible for a wide range of wildlife species.

Explain Partners, Supporters, & Opposition

The increasing use of livestock, both goats and cattle, will hopefully continue to build productive relationships with the agricultural community.

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

The primary challenge was finishing this appropriation during the Covid period. However there were also a number of opportunities. We continued to build relationships with small businesses and contractors throughout the rural part of the state. We of course plan to continue this effort. This shows that these enhancement dollars are good not only for wildlife habitat but also for local rural economies.

As we work with more contractors they become more and more familiar with what our goals and objectives are and how we like to do projects. They become more efficient and need less oversight as they become used to these types of projects.

12/2020 - Amendment to adjust acres from 21,100 to 13,750: Adjust Roving Crew work due to complete shut down (2019 and 2020) caused by COVID, and 2021 fire season was limited - dollars were shifted into supplies.

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?

In many cases, these efforts 'reset the clock' for our habitat work, such as tree removal projects that get an area back to a grassland state or projects that increase plant diversity. Once we get a WMA or SNA to that state, typical management / enhancement activities such as prescribed fire should be able to maintain the area in a desired state. In other cases, we may hit a site multiple times with fire over a couple of years to again get the site to where periodic fires or other enhancements maintain the diversity and productivity of the site in the long term.

Budget

Totals

Item	Requested	AP Amount	Spent	Leverage	Received Leverage	Leverage Source	Original Total	Final Total
Personnel	\$1,671,300	\$1,614,200	\$1,509,500	-	-	-	\$1,671,300	\$1,509,500
Contracts	\$994,400	\$1,091,800	\$1,025,600	-	-	-	\$994,400	\$1,025,600
Fee Acquisition w/ PILT	-	-	-	-	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-	-	-	-	-
Easement Acquisition	-	-	-	-	-	-	-	-
Easement Stewardship	-	-	-	-	-	-	-	-
Travel	\$496,700	\$385,400	\$351,200	-	-	-	\$496,700	\$351,200
Professional Services	-	-	-	-	-	-	-	-
Direct Support Services	\$203,300	\$198,000	\$198,500	-	-	-	\$203,300	\$198,500
DNR Land Acquisition Costs	-	-	-	-	-	-	-	-
Capital Equipment	-	-	-	-	-	-	-	-
Other Equipment/Tools	\$1,800	\$3,800	\$37,200	-	-	-	\$1,800	\$37,200
Supplies/Materials	\$639,500	\$713,800	\$709,200	-	-	-	\$639,500	\$709,200
DNR IDP	-	-	-	-	-	-	-	-
Grand Total	\$4,007,000	\$4,007,000	\$3,831,200	-	-	-	\$4,007,000	\$3,831,200

Personnel

Position	Annual FTE	Years Working	Amount Spent	Leverage	Leverage Source	Total
FAW Staff	7.0	3.0	\$1,334,400	-	-	\$1,334,400
EWR Staff	6.0	4.0	\$175,100	-	-	\$175,100

Direct Support Services

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 developed for OHF and ENRTF.

Explain any budget challenges or successes:

We are usually able to spend almost the entire appropriation. This year we are returning more than usual. This is simply related to the slowdown during covid.

Total Revenue: \$0

Revenue Spent: \$0

Revenue Balance: -

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

- D. This is not applicable because the recipient is a state agency or department.
- E. This is not applicable as there was no revenue generated.

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	1,200	838	0	0	0	0	1,200	838
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	0	0	0	0	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0	0	0	0	0
Enhance	0	0	19,900	14,739	0	0	0	0	19,900	14,739
Total	0	0	21,100	15,577	0	0	0	0	21,100	15,577

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	-	-	\$231,000	\$206,100	-	-	-	-	\$231,000	\$206,100
Protect in Fee with State PILT Liability	-	-	-	-	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-	-	-	-	-
Protect in Easement	-	-	-	-	-	-	-	-	-	-
Enhance	-	-	\$3,776,000	\$3,625,100	-	-	-	-	\$3,776,000	\$3,625,100
Total	-	-	\$4,007,000	\$3,831,200	-	-	-	-	\$4,007,000	\$3,831,200

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	33	55	0	17	32	46	935	570	200	150	1,200	838
Protect in Fee with State PILT Liability	0	0	0	0	0	0	0	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	0	0	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0	0	0	0	0	0	0
Enhance	591	189	1,502	586	525	650	17,219	13,264	63	50	19,900	14,739
Total	624	244	1,502	603	557	696	18,154	13,834	263	200	21,100	15,577

Total Requested Funding within each Ecological Section (Table 4)

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	\$6,300	\$13,500	-	\$4,200	\$6,000	\$11,300	\$171,300	\$140,200	\$47,400	\$36,900	\$231,000	\$206,100
Protect in Fee with State PILT Liabilit y	-	-	-	-	-	-	-	-	-	-	-	-
Protect in Fee w/o State PILT Liabilit y	-	-	-	-	-	-	-	-	-	-	-	-
Protect in Easeme nt	-	-	-	-	-	-	-	-	-	-	-	-
Enhanc e	\$113,600	\$46,500	\$283,900	\$144,100	\$102,700	\$159,900	\$3,263,800	\$3,262,300	\$12,000	\$12,300	\$3,776,000	\$3,625,100
Total	\$119,900	\$60,000	\$283,900	\$148,300	\$108,700	\$171,200	\$3,435,100	\$3,402,500	\$59,400	\$49,200	\$4,007,000	\$3,831,200

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 ~ *Although we will not be conducting any specific monitoring on these sites, they will be included in the long-term surveys we do such as the August Roadside Survey, Prairie Chicken Survey, waterfowl surveys, etc. They may also be included in federal or regional surveys such as the Breeding Bird Survey, Waterfowl Breeding Population Survey, and others.*

Programs in metropolitan urbanizing region:

- Core areas protected with highly biologically diverse wetlands and plant communities, including native prairie, Big Woods, and oak savanna ~ *Although we will not be conducting any specific monitoring on these sites, they will be included in the long-term surveys we do such as the August Roadside Survey, Prairie Chicken Survey, waterfowl surveys, etc. They may also be included in federal or regional surveys such as the Breeding Bird Survey, Waterfowl Breeding Population Survey, and others.*

Programs in the northern forest region:

- Healthy populations of endangered, threatened, and special concern species as well as more common species ~ *Although we will not be conducting any specific monitoring on these sites, they will be included in the long-term surveys we do such as the August Roadside Survey, Prairie Chicken Survey, waterfowl surveys, etc. They may also be included in federal or regional surveys such as the Breeding Bird Survey, Waterfowl Breeding Population Survey, and others.*

Programs in prairie region:

- Restored and enhanced upland habitats ~ *Although we will not be conducting any specific monitoring on these sites, they will be included in the long-term surveys we do such as the August Roadside Survey, Prairie Chicken Survey, waterfowl surveys, etc. They may also be included in federal or regional surveys such as the Breeding Bird Survey, Waterfowl Breeding Population Survey, and others.*

Programs in southeast forest region:

- Healthier populations of endangered, threatened, and special concern species as well as more common species ~ *Although we will not be conducting any specific monitoring on these sites, they will be included in the long-term surveys we do such as the August Roadside Survey, Prairie Chicken Survey, waterfowl surveys, etc. They may also be included in federal or regional surveys such as the Breeding Bird Survey, Waterfowl Breeding Population Survey, and others.*

Parcels

Sign-up Criteria?

No

Restore / Enhance Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection
Gun Lake WMA	Aitkin	04825204	80	\$19,676	Yes
Gun Lake WMA	Aitkin	04825204	70	\$17,216	Yes
Hubbel Pond WMA	Becker	13939206	18	\$4,427	Yes
Graham WMA	Benton	03830201	44	\$10,821	Yes
Reisdorph WMA	Big Stone	12246226	8	\$1,967	Yes
Reisdorph WMA	Big Stone	12246226	31	\$7,624	Yes
Klages WMA	Big Stone	12144207	13	\$3,197	Yes
Schellberg NPB	Big Stone	12146201	126	\$30,990	Yes
Lac Qui Parle WMA: Killen Tract	Big Stone	12044214	909	\$223,572	Yes
Victory WMA: Unit E	Big Stone	12245231	148	\$36,401	Yes
Lac Qui Parle WMA: Bahl Tract	Big Stone	12045202	5	\$1,229	Yes
Victory WMA	Big Stone	12245231	323	\$79,443	Yes
Big Stone WMA	Big Stone	12246218	92	\$22,627	Yes
David Steen WMA	Big Stone	12346231	17	\$4,181	Yes
Clinton Prairie SNA	Big Stone	12347216	3	\$737	Yes
Prairie WMA	Big Stone	12246236	127	\$31,236	Yes
OA Vee WMA	Blue Earth	10828225	48	\$11,805	Yes
Vogel WMA	Brown	10835203	46	\$11,313	Yes
Linden 6 NPB	Brown	10830206	13	\$3,197	Yes
Emerson WMA	Brown	10830235	4	\$983	Yes
Moseng/Walden WMA	Chippewa	11942235	123	\$30,252	Yes
Bergo WMA	Chippewa	11841225	128	\$31,482	Yes
Lac Qui Parle WMA	Chippewa	11942234	27	\$6,640	Yes
Sween WMA	Chippewa	11739233	1	\$245	Yes
Lac Qui Parle WMA: Sandboe Tract	Chippewa	11942236	31	\$7,624	Yes
Lac Qui Parle WMA	Chippewa	11842202	7	\$1,721	Yes
Lac Qui Parle WMA	Chippewa	11842202	6	\$1,475	Yes
Lac Qui Parle WMA: Watson Sag/Lee Tract	Chippewa	11841216	9	\$2,213	Yes
Lac Qui Parle WMA: Mission South Tract	Chippewa	11842213	3	\$737	Yes
Sween WMA	Chippewa	11639206	8	\$1,967	Yes
Lac qui Parle WMA	Chippewa	11842211	6	\$1,475	Yes
Lac Qui Parle WMA: Anderson Subunit	Chippewa	11942235	31	\$7,624	Yes
Grace Marshes WMA North	Chippewa	11939222	171	\$42,058	Yes
Bergo WMA Southeast	Chippewa	11840231	33	\$8,116	Yes
Lac qui Parle WMA	Chippewa	11942233	136	\$33,449	Yes
Lac Qui Parle WMA: Ervin Tract	Chippewa	11842202	7	\$1,721	Yes
Felton SNA	Clay	14145205	2	\$491	Yes
Felton WMA	Clay	14146201	365	\$89,773	Yes
Strand N & S NPB	Clay	14244219	40	\$9,838	Yes
Felton SNA-Shrike Unit	Clay	14245230	20	\$4,919	Yes
Flowing 12-1 NPB	Clay	14146212	33	\$8,116	Yes
Bennett WMA	Cottonwood	10535224	251	\$61,734	Yes
String Lakes WMA	Cottonwood	10536229	171	\$42,058	Yes
Voit WMA	Cottonwood	10538233	6	\$1,475	Yes
Poor Farm WMA	Crow Wing	04530233	3	\$737	Yes
Ray Cook WMA	Crow Wing	04431213	3	\$737	Yes
Chimney Rock SNA	Dakota	11417231	9	\$2,213	Yes
Vorce WMA	Dodge	10718215	29	\$7,132	Yes
Pheasant Forever WMA	Dodge	10717225	149	\$36,647	Yes

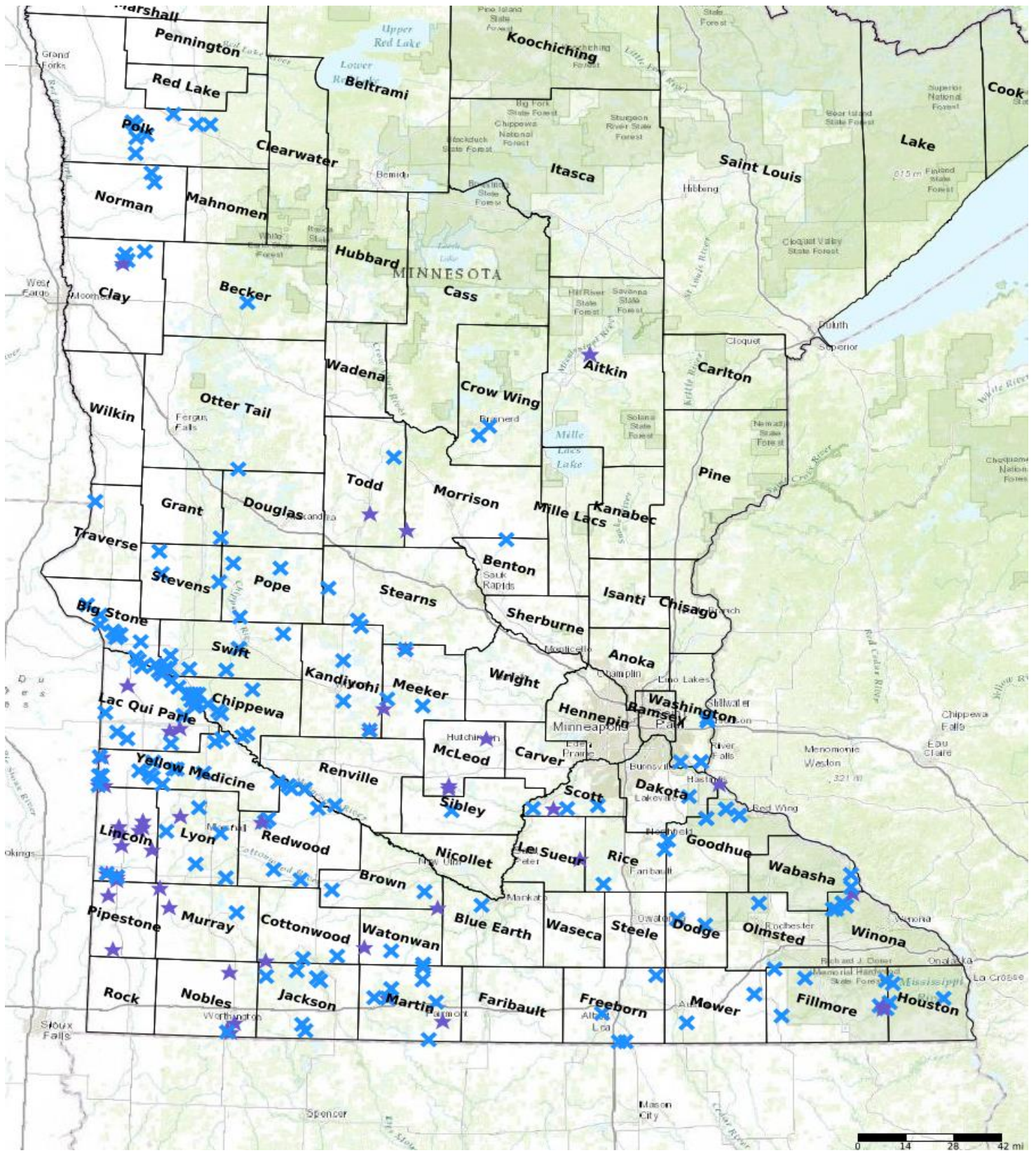
Choice WMA - Moon Point Tract	Fillmore	10208212	61	\$15,003	Yes
Schueler WMA	Fillmore	10413204	8	\$1,967	Yes
Goethite WMA	Fillmore	10213223	5	\$1,229	Yes
Choice WMA	Fillmore	10208211	12	\$2,951	Yes
Schueller WMA	Fillmore	10208202	12	\$2,951	Yes
Choice WMA	Fillmore	10208203	15	\$3,689	Yes
Rushford Sand Barrens SNA	Fillmore	10408225	55	\$13,527	Yes
Pin Oak Prairie SNA	Fillmore	10412224	1	\$245	Yes
Panicum Prairie WMA - Shell Rock Subunit	Freeborn	10120231	91	\$22,381	Yes
Magaksica WMA	Freeborn	10222213	23	\$5,656	Yes
Panicum Prairie WMA - Grass Lake Subunit	Freeborn	10121235	39	\$9,592	Yes
Wo Wacintanka WMA	Freeborn	10419215	186	\$45,747	Yes
River Terrace Prairie SNA	Goodhue	11217201	28	\$6,886	Yes
Cannon River Turtle Preserve SNA	Goodhue	11316224	8	\$1,967	Yes
Gores Pool WMA	Goodhue	11416210	40	\$9,838	Yes
Spring Creek Prairie SNA	Goodhue	11315234	33	\$8,116	Yes
River Terrace Prairie SNA	Goodhue	11217201	12	\$2,951	Yes
Spring Creek Prairie SNA	Goodhue	11315234	1	\$245	Yes
Warsaw 7-1 NPB	Goodhue	11118207	24	\$5,902	Yes
Cannon River Turtle Preserve SNA	Goodhue	11316224	12	\$2,951	Yes
Chippewa Pond WMA	Grant	12741224	24	\$5,902	Yes
Ferndale Ridge WMA	Houston	10407232	94	\$23,119	Yes
Yucatan WMA - Dougherty Tract	Houston	10307231	40	\$9,838	Yes
Brownsville 26-1 NPB	Houston	10305226	16	\$3,935	Yes
Timber Lake WMA	Jackson	10437213	262	\$64,439	Yes
Caraway WMA	Jackson	10436225	72	\$17,708	Yes
Little Sioux WMA	Jackson	10136208	393	\$96,659	Yes
Christiana 31-2 NPB	Jackson	10435231	32	\$7,870	Yes
Graham Creek WMA	Jackson	10438228	46	\$11,313	Yes
Sangl WMA	Jackson	10136221	112	\$27,546	Yes
Dalton Johnson WMA	Kandiyohi	11733221	4	\$983	Yes
Follies WMA	Kandiyohi	12234201	39	\$9,592	Yes
Lake Eleanor WMA	Kandiyohi	11834206	70	\$17,216	Yes
Ringo Nest WMA	Kandiyohi	12134231	10	\$2,459	Yes
Dalton Johnson WMA	Kandiyohi	11733221	1	\$245	Yes
Lac Qui Parle WMA: Moen Tract	Lac qui Parle	12043231	1	\$245	Yes
Lac Qui Parle WMA: Hill Prairie Subunit	Lac qui Parle	11842210	10	\$2,459	Yes
Perry WMA	Lac qui Parle	11945221	9	\$2,213	Yes
Lac Qui Parle WMA: River Bridge Tract	Lac qui Parle	11842223	5	\$1,229	Yes
Salt Lake WMA	Lac qui Parle	11746204	47	\$11,559	Yes
Wild Wings WMA	Lac qui Parle	11643222	76	\$18,692	Yes
Sweetwater WMA	Lac qui Parle	11646201	149	\$36,647	Yes
Lac qui Parle WMA	Lac qui Parle	11943210	55	\$13,527	Yes
Baxter WMA	Lac qui Parle	11742205	83	\$20,414	Yes
Lac qui Parle WMA	Lac qui Parle	12044225	53	\$13,035	Yes
Lac Qui Parle WMA: Moen Tract	Lac qui Parle	12043231	513	\$126,174	Yes
Odden NPB	Lac qui Parle	11645216	17	\$4,181	Yes
Riverside WMA	Lac qui Parle	11743234	4	\$983	Yes
Baxter WMA	Lac qui Parle	11742205	403	\$99,119	Yes
Sioux Indian WMA	Lac qui Parle	11742230	4	\$983	Yes
Lac Qui Parle WMA: Glen Anderson Subunit	Lac qui Parle	12044219	3	\$737	Yes
Lac qui Parle WMA	Lac qui Parle	12045212	467	\$114,860	Yes
Lac qui Parle WMA	Lac qui Parle	11943224	390	\$95,922	Yes
Lac Qui Parle WMA: Hill Prairie Subunit	Lac qui Parle	11842210	15	\$3,689	Yes
Dora Lake WMA	Le Sueur	11023211	7	\$1,721	Yes
Sioux Lookout WMA	Lincoln	11045205	5	\$1,229	Yes
Schindel WMA	Lincoln	10946222	21	\$5,165	Yes
Rost WMA	Lincoln	11244229	8	\$1,967	Yes

Salix WMA	Lincoln	11144205	2	\$491	Yes
Hole in the Mountain WMA	Lincoln	10945230	100	\$24,595	Yes
Altona WMA	Lincoln	10945231	17	\$4,181	Yes
Rogge WMA	Lincoln	11144207	12	\$2,951	Yes
Anderson Lake WMA	Lincoln	11145206	14	\$3,443	Yes
Dead Coon Marshes WMA	Lincoln	11044211	7	\$1,721	Yes
Hole In Mountain WMA	Lincoln	10945230	25	\$6,148	Yes
Hole in the Mountain WMA	Lincoln	10945230	106	\$26,071	Yes
Ash Lake WMA	Lincoln	11145218	4	\$983	Yes
Schindel WMA	Lincoln	10946222	30	\$7,378	Yes
Vallers WMA	Lyon	11341231	101	\$24,841	Yes
Furgamme WMA	Lyon	11143209	21	\$5,165	Yes
Greenhead WMA	Lyon	10940221	4	\$983	Yes
Clifton WMA	Lyon	11140207	93	\$22,873	Yes
Grandiew WMA	Lyon	11242218	13	\$3,197	Yes
Sodus WMA	Lyon	11042236	181	\$44,517	Yes
Rooney Run WMA	Martin	10332228	16	\$3,935	Yes
Gruven WMA	Martin	10330235	105	\$25,825	Yes
East Chain WMA	Martin	10229231	104	\$25,579	Yes
Rooney Run WMA	Martin	10332228	201	\$49,436	Yes
Perch Creek WMA	Martin	10430206	31	\$7,624	Yes
Caron WMA	Martin	10333226	126	\$30,990	Yes
Minowa WMA	Martin	10130233	45	\$11,067	Yes
Armburst WMA	Martin	10430230	62	\$15,249	Yes
Rooney Run WMA	Martin	10332210	3	\$737	Yes
Bakers Lake WMA	McLeod	11429217	4	\$983	Yes
Clouster Lake WMA	McLeod	11727231	5	\$1,229	Yes
Bakers Lake WMA	McLeod	11429220	9	\$2,213	Yes
Rodewald WMA	Meeker	11832218	3	\$737	Yes
Poplar WMA	Meeker	11932232	3	\$737	Yes
Teal Scurrey WMA	Meeker	12131207	68	\$16,724	Yes
Teal Scurrey WMA	Meeker	12131207	5	\$1,229	Yes
Teal Scurrey WMA	Meeker	12131207	1	\$245	Yes
Minnie-Belle Lake WMA	Meeker	11831212	4	\$983	Yes
Sponosa WMA	Morrison	12831231	11	\$2,705	Yes
Schottler WMA	Mower	10217231	166	\$40,828	Yes
Deer Creek WMA	Mower	10314216	22	\$5,410	Yes
Buffalo Lake WMA	Murray	10740213	82	\$20,168	Yes
Klinker WMA	Murray	10743210	7	\$1,721	Yes
Ruthton WMA	Murray	10843207	11	\$2,705	Yes
Lake Bella WMA	Nobles	10140226	36	\$8,854	Yes
Lone Tree WMA	Nobles	10440222	9	\$2,213	Yes
James Willey WMA	Nobles	10140212	33	\$8,116	Yes
Peterson WMA	Nobles	10140222	5	\$1,229	Yes
Lake Bella WMA	Nobles	10140227	152	\$37,385	Yes
Prairie Smoke Dunes SNA	Norman	14644217	39	\$9,592	Yes
Prairie Dunes WMA	Norman	14644233	308	\$75,753	Yes
Oronoco Prairie SNA	Olmsted	10814222	32	\$7,870	Yes
Wallace NPB	Otter Tail	13140235	161	\$39,598	Yes
Winter WMA	Pipestone	10846227	26	\$6,394	Yes
Eden WMA	Pipestone	10546224	19	\$4,673	Yes
Chicog WMA	Polk	14845221	144	\$35,417	Yes
Tympanuchus WMA	Polk	14945228	32	\$7,870	Yes
Thorson Prairie WMA	Polk	14945234	56	\$13,773	Yes
Liberty WMA	Polk	14745216	8	\$1,967	Yes
Polk WMA	Polk	14941229	17	\$4,181	Yes
Trail WMA	Polk	14845213	13	\$3,197	Yes
Erskin WMA	Polk	14942227	27	\$6,640	Yes

Mentor Prairie WMA	Polk	14943209	39	\$9,592	Yes
Hoff WMA	Pope	12340225	23	\$5,656	Yes
Minnewaska 1-1 NPB	Pope	12538201	8	\$1,967	Yes
Nora WMA	Pope	12640234	60	\$14,757	Yes
Two Rivers WMA	Redwood	10938202	128	\$31,482	Yes
Phyllis Voosen WMA	Redwood	11238219	14	\$3,443	Yes
Delhi WMA	Redwood	11336225	25	\$6,148	Yes
Dutch Charley Creek WMA	Redwood	10936219	5	\$1,229	Yes
Faxvog WMA	Redwood	11238216	34	\$8,362	Yes
Phyllis Voosen WMA	Redwood	11238220	217	\$53,372	Yes
Swedes Forest 27-1 NPB	Redwood	11437227	58	\$14,265	Yes
Swedes Forest 21-2 NPB	Redwood	11437221	8	\$1,967	Yes
Beaver Falls WMA	Renville	11335223	50	\$12,297	Yes
Whispering Ridge WMA	Renville	11436229	62	\$15,249	Yes
Prairie Creek WMA	Rice	11119225	137	\$33,695	Yes
Cannon River WMA	Rice	10922224	58	\$14,265	Yes
Marsh 25 WMA	Scott	11323219	12	\$2,951	Yes
Clark Lake 4 WMA	Scott	11325221	7	\$1,721	Yes
Bradshaw 10 WMA	Scott	11322215	32	\$7,870	Yes
PF#3 WMA	Scott	11324221	9	\$2,213	Yes
Indian Lake WMA	Sibley	11329228	145	\$35,663	Yes
Tribute WMA	Stearns	12334226	23	\$5,656	Yes
Mel Roerhl WMA	Stearns	12435205	10	\$2,459	Yes
Cin WMA	Stevens	12543219	145	\$35,663	Yes
Eldorado WMA	Stevens	12644213	300	\$73,786	Yes
Benson WMA	Stevens	12541236	181	\$44,517	Yes
Clair Rollings WMA	Swift	12140213	61	\$15,003	Yes
Shible WMA	Swift	12143234	12	\$2,951	Yes
Camp Kerk B WMA	Swift	12237219	44	\$10,821	Yes
Tjosass WMA	Swift	12040220	7	\$1,721	Yes
Lac Qui Parle WMA	Swift	12043221	191	\$46,977	Yes
Lac Qui Parle WMA	Swift	12043220	164	\$40,336	Yes
Clair Rollings WMA	Swift	12140213	4	\$983	Yes
Lac qui Parle WMA	Swift	12043219	26	\$6,394	Yes
Persen WMA	Swift	12042221	544	\$133,798	Yes
Lasher WMA	Todd	12833205	6	\$1,475	Yes
Kobliska WMA	Todd	13132204	89	\$21,889	Yes
Hunters Paradise WMA	Traverse	12947235	235	\$57,799	Yes
White Water WMA	Wabasha	10909230	24	\$5,902	Yes
McCarthy Lake WMA	Wabasha	10909206	58	\$14,265	Yes
Lost Valley Prairie SNA	Washington	02720229	24	\$5,902	Yes
Lost Valley Prairie SNA	Washington	02720229	2	\$491	Yes
Bayport WMA	Washington	02920222	19	\$4,673	Yes
St. Croix Savanna SNA	Washington	02920215	22	\$5,410	Yes
Bayport South WMA	Washington	02920222	25	\$6,148	Yes
Grey Cloud Dunes SNA	Washington	02721229	46	\$11,313	Yes
Watline WMA	Watonwan	10532210	23	\$5,656	Yes
Perch Creek WMA	Watonwan	10530231	75	\$18,446	Yes
Sulem Lake WMA	Watonwan	10533205	10	\$2,459	Yes
Whitewater WMA	Winona	10810223	2	\$491	Yes
Whitewater WMA	Winona	10810232	6	\$1,475	Yes
Whitewater WMA	Winona	10810223	70	\$17,216	Yes
Whitewater WMA	Winona	10810233	33	\$8,116	Yes
Whitewater WMA	Winona	10810225	3	\$737	Yes
Whitewater WMA	Winona	10809205	22	\$5,410	Yes
Christopherson WMA	Yellow Medicine	11640207	75	\$18,446	Yes
Dennis Haaland WMA	Yellow	11543236	79	\$19,430	Yes

	Medicine				
Mound Spring Prairie SNA	Yellow Medicine	11546217	9	\$2,213	Yes
Bohemian WMA	Yellow Medicine	11446233	8	\$1,967	Yes
Tatley WMA	Yellow Medicine	11446231	16	\$3,935	Yes
Mound Spring Prairie SNA	Yellow Medicine	11546218	42	\$10,330	Yes
Swede Forest SNA	Yellow Medicine	11438213	18	\$4,427	Yes
Middle Antelope WMA	Yellow Medicine	11444210	56	\$13,773	Yes
Oshkosh WMA	Yellow Medicine	11544223	147	\$36,155	Yes
Omro WMA	Yellow Medicine	11543235	25	\$6,148	Yes
Myhre WMA	Yellow Medicine	11441205	80	\$19,676	Yes
Antelope Valley SNA	Yellow Medicine	11444214	19	\$4,673	Yes
Clawson WMA	Yellow Medicine	11641214	147	\$36,155	Yes
Tatley WMA	Yellow Medicine	11446231	50	\$12,297	Yes
Sioux Nation WMA	Yellow Medicine	11446218	26	\$6,394	Yes
Ben Thovson WMA	Yellow Medicine	11444206	12	\$2,951	Yes
James Meger WMA	Yellow Medicine	11443229	7	\$1,721	Yes
Sioux Nation WMA	Yellow Medicine	11446217	11	\$2,705	Yes
Sioux Nation WMA	Yellow Medicine	11446217	13	\$3,197	Yes

Parcel Map



- Protect in Easement
- ▲ Protect in Fee with PILT
- ▲ Protect in Fee W/O PILT
- ★ Restore
- ✕ Enhance
- ⊕ Other

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