

# Lessard-Sams Outdoor Heritage CouncilLiving Shallow Lakes and Wetlands Enhancement & Restoration InitiativeML 2026 Request for Funding

## General Information

**Date:** 06/26/2025

**Proposal Title:** Living Shallow Lakes and Wetlands Enhancement & Restoration Initiative

**Funds Requested:** $14,975,000

**Confirmed Leverage Funds:** $600,000

**Is this proposal Scalable?:** Yes

### Manager Information

**Manager's Name:** John Lindstrom **Title:** Manager of Conservation Programs - Minnesota **Organization:** Ducks Unlimited, Inc. **Address:** c/o U.S. Fish & Wildlife Service Litchfield WMD Office 22274 615th Avenue **City:** Litchfield, MN 55355 **Email:** jlindstrom@ducks.org **Office Number:**   **Mobile Number:** 3202128018 **Fax Number:**   **Website:** www.ducks.org

### Location Information

**County Location(s):** Carver, Scott, Jackson, Big Stone, Stevens, Lyon, Lincoln, Martin, Le Sueur, Sherburne, Murray, Yellow Medicine, Steele, Watonwan, Lac qui Parle, Freeborn, Kandiyohi, Douglas, Cottonwood, Todd, Redwood, Pope, Stearns, Chippewa, Nicollet, Meeker, Mahnomen, Wright, Rice, Otter Tail, Traverse, Swift, Grant, Renville, Sibley, Hennepin, Washington, Faribault, Nobles, Becker, Clay, Polk, Marshall and Blue Earth.

**Eco regions in which work will take place:**

Forest / Prairie Transition

Prairie

Metro / Urban

**Activity types:**

Restore

Enhance

**Priority resources addressed by activity:**

Wetlands

Prairie

## Narrative

### Abstract

This request is for Ducks Unlimited’s Living Lakes program will enhance or restore 2,400 acres of wetlands and adjacent prairie grasslands for the U.S. Fish & Wildlife Service and Minnesota DNR on public lands and private lands under permanent easement. DU biologists and engineers will design wetland restorations to restore natural hydrology and water control structures for active management of shallow lakes and larger wetlands to enhance their ecology for wildlife and people in Minnesota's Prairie Pothole Region. While DU staff will design restoration and enhancement projects, DU will hire private contractors to conduct restoration and enhancement work.

### Design and Scope of Work

This Phase 12 of Ducks Unlimited's ongoing shallow lake enhancement and wetland restoration conservation program will enhance or restore at least 2,400 acres of shallow lakes, wetlands, and prairie grasslands, primarily in the Prairie Pothole Region of Minnesota. DU biologists work with U.S. Fish & Wildlife Service and Minnesota DNR field staff to restore and enhance wetlands on public land and under easement and DU engineers design water level control structures to enhance degraded shallow lakes and wetlands for DNR and other partners. Water control structures are used for temporary water level draw-downs to rejuvenate shallow lake ecology and productivity for wildlife. Small wetland enhancement and restoration work is completed using natural infrastructure and by removing sediment, removing tile, and removing trees. Adjacent grasslands may be enhanced with tree removal to benefit upland nesting waterfowl. Restoration work is done by private sector firms hired by DU.

Shallow lake enhancement and wetland restoration are top priority actions in all major conservation plans for Minnesota. Our work addresses the habitat goals identified in North American Waterfowl Management Plan, Minnesota’s Prairie Conservation Plan, and Minnesota’s Duck Recovery Plan which calls for the active management of 1,800 shallow lakes and restoring 64,000 wetlands to Minnesota’s landscape. This work is time-sensitive because complex shallow lake enhancement projects take several years to design and implement, and because wetland restorations are critically needed for breeding waterfowl.

Healthy and abundant wetlands are required to sustain breeding and migrating waterfowl. Minnesota has lost approximately 90% of our prairie wetlands and 99% of native prairie grasslands. This has had a profound negative impact on breeding ducks and other prairie wetland wildlife here. Our remaining shallow lakes and wetlands are often those that were too deep to drain years ago and now function as the core of Minnesota’s remaining waterfowl habitat complexes. Unfortunately, these remaining wetland basins now receive the excessive nutrient-laden water runoff from an intensively drained and interconnected landscape through which invasive fish such as carp have improved access. As a result, many of our remaining wetlands and shallow lakes are turbid and degraded due to drainage they receive and high, stabilized water levels in which nutrients collect and invasive fish proliferate. This results in stagnated aquatic wetland ecology and productivity and wetland basins with few aquatic plants and invertebrates for birds to eat. This is especially detrimental to diving ducks and other wetland-dependent species that rely exclusively on aquatic plant and invertebrate foods within wetlands and shallow lakes. These factors have caused a significant decline in both Minnesota’s once diverse waterfowl population and rich waterfowling traditions.

This funding request will support DU staff biologists and engineers who survey, design, and manage construction of shallow lake and wetland enhancement and restoration projects to improve public water shallow lakes and restore wetlands and grasslands. Funding will also support ongoing wetland technical assistance to assess, survey, and design future enhancement and wetland projects for implementation under future OHF appropriations for this program.

### Explain how the proposal addresses habitat protection, restoration, and/or enhancement for fish, game & wildlife, including threatened or endangered species conservation

This proposal enhances shallow lakes and restores non-forested prairie wetlands, which are identified as critical habitats for many “Species of Greatest Conservation Need” listed in Minnesota’s “Tomorrow’s Habitat for the Wild & Rare: An Action Plan for Minnesota Wildlife.” Specific species listed in the Action Plan as requiring shallow lakes (page 273) include lesser scaup, northern pintail, common moorhen, least bittern, American bittern, marsh wren, and Virginia rail, along with being “important for many other species”. Specific species listed in the Action Plan as requiring emergent marshes (page 267) include least bittern, American bittern, marsh wren, and Virginia rail, and Forster’s terns are listed as requiring large deep-water marshes.

In addition to these specific wildlife species listed as SGCN examples in the Action Plan, shallow lakes and prairie wetlands will provide habitat of significant value for other species listed in Appendix B of the Action Plan too. Enhanced shallow lakes will provide habitat of significant value for other SGCN including: western grebe, black tern, northern harrier, trumpeter swan, common loon, bald eagle, Franklin’s gull, whimbrel, black-crowned night heron, American white pelican, horned grebe, red-necked grebe, eared grebe, and common tern. Restored prairie wetlands will provide habitat of significant value for other SGCN including: black tern, northern harrier, trumpeter swan, rusty blackbird and black-crowned night heron.

Frequently, our small wetland restoration and enhancement work is prioritized based on the USFWS "Thunderstorm Map" that estimates the density of breeding waterfowl across the prairie part of the state. During spring migration, waterfowl frequently return to areas near where they hatched looking to nest themselves. We target those areas that are already most attractive to breeding waterfowl, and maximize the attractiveness of small wetland basins on existing WPAs and WMAs, including removing invasive trees. This helps improve these existing complexes for wetland dependent wildlife and only makes them more attractive to waterfowl looking to nest, and improve their chance to successfully nest. These wetlands are also used by waterfowl migrating through the area in the fall too.

### What are the elements of this proposal that are critical from a timing perspective?

Most prairie wetlands have already been drained and most shallow lakes degraded in southern Minnesota. Functioning wetland basins are the most important habitat variable for breeding ducks and the most limiting factor for ducks in the prairie region of Minnesota. Similarly, healthy and productive shallow lakes are the limiting habitat type for diving ducks and most other migrating waterfowl species as they pass through Minnesota in fall and spring. To improve wetland conditions for both breeding and migrating waterfowl in Minnesota, it is imperative that we restore wetlands and enhance shallow lakes, especially in the Prairie Pothole Region of SW Minnesota. Some of these larger shallow lake and wetland projects can take over a decade to come together. Given the importance of both small ponds and larger lakes and wetlands to waterfowl throughout their annual cycle, it is crucial that this work continue to be delivered effectively in high-priority areas.

### Describe how the proposal expands habitat corridors or complexes and/or addresses habitat fragmentation:

Ducks Unlimited uses science-based targeting to evaluate shallow lake and prairie wetland restorations, especially small wetland restorations that help improve prairie-wetland complexes for breeding ducks. Models such as the U.S. Fish & Wildlife Service (USFWS) “Thunderstorm Maps” and “Restorable Wetlands Inventory” help determine landscape importance for breeding waterfowl. We consider biological diversity and significance according to the Minnesota DNR County Biological Survey (MCBS). Where possible, we like to work in complexes of high habitat value. Several examples include:

Herschberger Wildlife Management Area is a 242-acre property managed by DNR in Lincoln County. The WMA surrounds two basins collectively known as Curtis Lake. The WMA has a moderate level of biodiversity significance. Curtis Lake is a lake of moderate biological significance as per the MCBS. Ducks Unlimited is working towards construction on replacement water level control structures to improve water quality in Curtis Lake by temporary water level drawdown. This will result in improved habitat for waterfowl and other wetland wildlife.

Lake Katrina is a 485-acre shallow lake in Hennepin County and is identified as having high biodiversity significance according to MCBS. Baker Park Reserve surrounds Lake Katrina and also has sites of high biodiversity significance. Ducks Unlimited is working on a new water-control structure here that will enhance the habitat quality of the lake for wetland dependent wildlife.

Several federal Waterfowl Production Areas (WPA) in west-central Minnesota are located in landscapes with outstanding biodiversity significance in large complexes of fee-title and protected private lands under permanent easement. Key parts of this landscape currently support 40-60 breeding duck pairs per square mile, with the potential to support over 100 breeding duck pairs per square mile once wetlands are restored.

Ducks Unlimited is currently working on four different wetland enhancement projects at Big Stone National Wildlife Refuge in Lac qui Parle County. The refuge is home to several sites of outstanding, high, and moderate levels of biodiversity significance. The landscape is currently able to support 10-25 breeding duck pairs per square mile. These enhanced wetlands will provide additional habitat for birds throughout their annual cycle.

### Which top 2 Conservation Plans referenced in MS97A.056, subd. 3a are most applicable to this project?

Long Range Duck Recovery Plan

North American Waterfowl Management Plan

### Explain how this proposal will uniquely address habitat resilience to climate change and its anticipated effects on game, fish & wildlife species utilizing the protected or restored/enhanced habitat this proposal targets.

A large part of this program is building water-control structures that allow temporary water level drawdowns. These drawdowns consolidate bottom sediments, allow wetland plants to germinate, and induce winterkills of undesirable fish species like common carp. Warmer winters, driven by climate change, will reduce the frequency of natural winterkills on shallow lakes across the prairie part of the state. Additionally, heavier rainfall events are resulting in increased connectivity of wetland areas and flooding cycles that are inconsistent with historical flooding cycles. This increases nutrient inputs from surface and subsurface wetland drainage resulting in poorer water quality and poorer habitat. Having the ability to manage water levels with a water control structure will allow our partners to more frequently drawdown basins to combat effects of climate change to induce fish winterkill and reset the ecology of these shallow lake and wetland systems to benefit wetland dependent wildlife.

### Which LSOHC section priorities are addressed in this proposal?

**Forest / Prairie Transition**

Protect, enhance, and restore migratory habitat for waterfowl and related species, so as to increase migratory and breeding success

**Metro / Urban**

Protect habitat corridors, with emphasis on the Minnesota, Mississippi, and St. Croix rivers (bluff to floodplain)

**Prairie**

Protect, enhance, and restore migratory habitat for waterfowl and related species, so as to increase migratory and breeding success

### Describe how this project/program will produce and demonstrate a significant and permanent conservation legacy and/or outcomes for fish, game, and wildlife, and if not permanent outcomes, why it is important to undertake at this time:

Ducks Unlimited professional engineers and biologists design and install robust steel and concrete water level control structures that provide long-lasting shallow lake enhancement and wetland restoration tools to Minnesota DNR, U.S. Fish & Wildlife Service, and other partner's field managers. These water control structures are essential to enhancing shallow lakes and controlling outflows, and must be engineered to a very high level in order to withstand time and environmental pressures while providing wildlife managers with the means to regularly conduct temporary water level draw-downs to enhance their aquatic ecology to ensure optimal ecological condition for ducks. Similarly, smaller wetland restorations often involve complex drainage systems that require professional engineering to survey, design, and restore without negatively affecting upstream and downstream private landowners. Since 1984, Ducks Unlimited has provided professional wetland engineering services to our state and federal wildlife conservation agency partners.

## Outcomes

### Programs in forest-prairie transition region:

Wetland and upland complexes will consist of native prairies, restored prairies, quality grasslands, and restored shallow lakes and wetlands ~ *This program will restore and enhance wetlands and grasslands on federal Waterfowl Production Areas and USFWS Habitat easements, and similar wetlands for MNDNR, each of which will be selected strategically by USFWS and MNDNR to benefit existing wetland complexes and migratory birds for both breeding and migration habitat, and which will be monitored by USFWS and MNDNR.*

### Programs in metropolitan urbanizing region:

Game lakes are significant contributors of waterfowl, due to efforts to protect uplands adjacent to game lakes ~ *DU will enhance and restore shallow lakes and wetlands on the Three Rivers Park District, Sherburne NWR, and Minnesota Valley NWR and federal Waterfowl Production Areas perpetually protected, managed, monitored, and evaluated annually by highly-trained U.S. Fish & Wildlife Service wildlife biologists. Park and service staff will guide the enhancement and restoration work by DU, and will evaluate wetland habitat outcomes annually to guide future management actions.*

### Programs in prairie region:

Protected, restored, and enhanced shallow lakes and wetlands ~ *Wetland and shallow lakes restored or enhanced by DU will be assessed by Minnesota DNR and USFWS to document improvements in water clarity, abundance of aquatic plants, and overall improvements in the aquatic ecology of each basin. Minnesota DNR and U.S. Fish & Wildlife Service field staff also conduct periodic counts of waterfowl and other wildlife using these basins in both spring and fall, along with hunters, and thus wildlife and human use is also monitored on a more informative opportunistic basis.*

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

N/A

### Per MS 97A.056, Subd. 24, Please explain whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose.

This funding requested, if approved, will supplement traditional funding for Ducks Unlimited's Living Lakes Initiative, and will not supplant or substitute for traditional funding previously used for this purpose by Ducks Unlimited.

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

Shallow lake enhancement water control structures and prairie wetland restorations are implemented for agency conservation partners on land under their state, federal, or municipal long-term control and management responsibility. Thus, all projects constructed will be sustained and maintained by conservation partners like the Minnesota DNR and U.S. Fish & Wildlife Service, which are the two primary wildlife habitat management agencies in Minnesota. Upland areas that are enhanced or restored under this program will be managed with intermittent fire to maintain the benefits of our work.

### Actions to Maintain Project Outcomes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Source of Funds** | **Step 1** | **Step 2** | **Step 3** |
| 2032 | DNR Game & Fish Account, OHF for DNR Shallow Lakes and Small Wetlands Program and DNR Roving Crews | DNR Area Wildlife and Program Staff will assess shallow lake and wetland conditions following initial water level draw-downs or restoration, and document for management consideration | Every 3-8 years, depending on wetland conditions, water control structures will be used to actively manage and enhance shallow lakes and wetlands via temporary water level draw-down to remove fish, stimulate aquatic plants, and rejuvenate their overall aquatic ecology, which includes stimulating aquatic invertebrate production. Some basins may need pumping via DNR pump purchased by DU via previous 2012 OHF grant. | DNR assess ecological conditions again following subsequent temporary water level draw-downs and refilling management treatments, and communicate results and questions or concerns to DU. |

### Provide an assessment of how your program may celebrate cultural diversity or reach diverse communities in Minnesota, including reaching low- and moderate-income households:

Ducks Unlimited conserves wetlands for waterfowl and people alike. Our habitat projects restore natural infrastructure, which helps to alleviate society’s climate impacts and provide clean water for diverse communities, who are disproportionately impacted by the effects of wetland loss and climate change.

Wetlands recharge groundwater in aquifers that provide clean, dependable water supplies while removing pollutants and reducing downstream flooding. Community resiliency is enhanced by the function of wetlands and adjacent grassland habitats that clean water and help absorb impacts from severe weather events. Public waters also provide opportunities for fishing, hunting, canoeing, kayaking, birding, and outdoor education for diverse and low to moderate income communities that may not otherwise have access to natural open spaces. Frequently our work occurs in outstate Minnesota where there are more moderate and low income households, providing access to natural areas where they might not otherwise have access. Indigenous communities may benefit from DU wetland enhancements and restorations that create suitable conditions for wild rice to proliferate. Wetlands deliver a return on investment that supports the health, resiliency, and well-being of diverse communities.

Restoring wetlands in the Mississippi River watershed benefits the diverse communities who draw their water from the river such as Minneapolis, St. Paul, and St. Cloud. Minneapolis alone draws 21 billion gallons of water a year from the Mississippi River to produce 57 million gallons of drinking water each day.

DU works with Three Rivers Park District and U.S. Fish & Wildlife Service's Minnesota Valley National Wildlife Refuge to enhance shallow lakes and other wetlands near diverse communities. The Refuge and Park District both connect the vibrant cultures of the Twin Cities metro with the diversity of wildlife and habitat in the metro area. They enhance urban habitat while offering community programs, environmental education, and access to nature on the edge of the city as well as hunting, fishing and hiking in wilder areas across the metro.

## Activity Details

### Requirements

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

**Is the restoration and enhancement activity on permanently protected land per 97A.056, Subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 or on lands to be acquired in this program?**Yes

**Where does the activity take place?**

WMA

WPA

Permanently Protected Conservation Easements

Public Waters

Refuge Lands

County/Municipal

### Land Use

**Will there be planting of any crop on OHF land purchased or restored in this program, either by the proposer or the end owner of the property, outside of the initial restoration of the land?**No

**Will insecticides or fungicides (including neonicotinoid and fungicide treated seed) be used within any activities of this proposal either in the process of restoration or use as food plots?**No

### Other OHF Appropriation Awards

**Have you received OHF dollars through LSOHC in the past?**Yes

**Are any of these past appropriations still OPEN?**Yes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Approp Year** | **Funding Amount Received** | **Amount Spent to Date** | **Funding Remaining** | **% Spent to Date** |
| 2025 | $5,601,000 | - | - | - |
| 2024 | $7,867,000 | $551,874 | $7,315,126 | 7.02% |
| 2023 | $6,455,000 | $1,964,936 | $4,490,064 | 30.44% |
| 2022 | $5,155,000 | $5,045,460 | $109,540 | 97.88% |
| 2021 | $3,960,000 | $3,959,159 | $841 | 99.98% |
| 2018 | $3,740,000 | $3,739,999 | $1 | 100.0% |
| 2017 | $4,716,000 | $4,714,370 | $1,630 | 99.97% |
| 2014 | $4,910,000 | $4,888,300 | $21,700 | 99.56% |
| 2012 | $4,490,000 | $4,490,000 | - | 100.0% |
| 2010 | $2,417,000 | $2,417,000 | - | 100.0% |
| 2009 | $2,528,000 | $2,528,000 | - | 100.0% |
| Totals | $51,839,000 | $34,299,098 | $17,539,902 | 66.16% |

## Timeline

|  |  |
| --- | --- |
| **Activity Name** | **Estimated Completion Date** |
| Recon projects with DNR, FWS, and other partners and begin engineering survey and design of wetland restorations and shallow lake enhancements | June 2027 |
| Complete some small wetland restorations and some larger shallow lake enhancements | June 2028 |
| Complete remaining small wetland projects and larger shallow lake enhancement water control structure installations | June 2031 |

## Budget

### Totals

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **Funding Request** | **Total Leverage** | **Leverage Source** | **Total** |
| Personnel | $2,200,000 | $470,000 | DU Private, federal NAWCA, and USFWS IRA | $2,670,000 |
| Contracts | $12,150,000 | $500,000 | DU Private & federal NAWCA grants | $12,650,000 |
| Fee Acquisition w/ PILT | - | - | - | - |
| Fee Acquisition w/o PILT | - | - | - | - |
| Easement Acquisition | - | $500,000 | Federal USFWS Migratory Bird Con. Fund | $500,000 |
| Easement Stewardship | - | - | - | - |
| Travel | $80,000 | $10,000 | DU Private & federal NAWCA grants | $90,000 |
| Professional Services | $80,000 | - | - | $80,000 |
| Direct Support Services | $220,000 | - | - | $220,000 |
| DNR Land Acquisition Costs | - | - | - | - |
| Capital Equipment | - | - | - | - |
| Other Equipment/Tools | $80,000 | - | - | $80,000 |
| Supplies/Materials | $165,000 | $20,000 | DU Private & federal NAWCA grants | $185,000 |
| DNR IDP | - | - | - | - |
| **Grand Total** | **$14,975,000** | **$1,500,000** | **-** | **$16,475,000** |

### Personnel

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Position** | **Annual FTE** | **Years Working** | **Funding Request** | **Total Leverage** | **Leverage Source** | **Total** |
| Manager - Grant Administration & Program Coordination | 0.5 | 3.0 | $150,000 | - | - | $150,000 |
| Professional Engineers, Surveyors, Construction Managers, and Biologists to Design and Implement Projects | 8.0 | 3.0 | $2,050,000 | $470,000 | DU Private, federal NAWCA, and USFWS IRA | $2,520,000 |

**Amount of Request:** $14,975,000 **Amount of Leverage:** $1,500,000 **Leverage as a percent of the Request:** 10.02% **DSS + Personnel:** $2,420,000 **As a % of the total request:** 16.16% **Easement Stewardship:** - **As a % of the Easement Acquisition:** -

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Total Leverage (from above)** | **Amount Confirmed** | **% of Total Leverage** | **Amount Anticipated** | **% of Total Leverage** |
| $1,500,000 | $600,000 | 40.0% | $900,000 | 60.0% |

**Detail leverage sources and confirmation of funds:**DU will leverage OHF grant funds with additional private support from individuals, foundations, and corporations and from federal NAWCA grants. Federal leverage will also come from USFWS ($500,000 MBCF easement acquisition funds and $100,000 from IRA).

**Does this proposal have the ability to be scalable?**Yes

### If the project received 50% of the requested funding

**Describe how the scaling would affect acres/activities and if not proportionately reduced, why?**If reduced to 50% of the request, most of our acres/activities and budget would be scaled proportionately.

**Describe how personnel and DSS expenses would be adjusted and if not proportionately reduced, why?**Because our work involves a team of DU biologists/engineers, including programmatic engineering feasibility work that often spans several years and multiple appropriations, budgets for personnel may not be reduced exactly proportionately but will be reduced as much as possible without jeopardizing staffing and progress to keep future projects viable.

### If the project received 30% of the requested funding

**Describe how the scaling would affect acres/activities and if not proportionately reduced, why?**If reduced to 30% of the request, most of our acres/activities and budget would be scaled proportionately.

**Describe how personnel and DSS expenses would be adjusted and if not proportionately reduced, why?**Because our work involves a team of DU biologists/engineers, including programmatic engineering feasibility work that often spans several years and multiple appropriations, budgets for personnel may not be reduced exactly proportionately but will be reduced as much as possible without jeopardizing staffing and progress to keep future projects viable.

### Personnel

**Has funding for these positions been requested in the past?**Yes

**Please explain the overlap of past and future staffing and position levels previously received and how that is coordinated over multiple years?**DU strives to complete one phase of this program before starting the next, to minimize overlap. Currently, we anticipate completing Phase 8 by the end of 2024. We also anticipate a majority of Phase 9 being spent by the end of 2025. Furthermore, DU assigns a unique project number code to each project, and staff charge time to these site-specific project codes as they work on multiple projects throughout the year. Despite DU staff working on multiple projects and grants throughout the year, charges are only billed to one OHF grant or another, and therefore staff charges throughout the year are incurred on multiple projects funded by multiple grants, and DU staff cost invoicing is both sites-specific and OHF grant-specific.

### Contracts

**What is included in the contracts line?**The contracts line is for shallow lake enhancement and wetland restoration work contracted to private sector construction firms specializing in earth moving and water control structure installation involving steel weirs, concrete culverts, etc.

### Professional Services

**What is included in the Professional Services line?**

Other : County Ditch Petitions and Outlet Fees, Soil Suitability Investigations

### Travel

**Does the amount in the travel line include equipment/vehicle rental?**No

**Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging**None - DU travel costs consist of in-state mileage, food, and lodging only. Travel is primarily mileage and lodging for engineering field staff and biologists during project survey and construction management. DU has not typically invoiced for food or meals in the past, and likely won't do so in the future.

**I understand and agree that lodging, meals, and mileage must comply with the current MMB Commissioner Plan:**Yes

### Direct Support Services

**How did you determine which portions of the Direct Support Services of your shared support services is direct to this program?**Minnesota DNR grants staff previously reviewed and approved DU accounting methodology for Direct Support Services, which are calculated and included in DU staff costs. DU Direct Support Services constitute approximately 10% of DU overall staff costs on average among all billable DU conservation staff categories. DU breaks out and invoices for Direct Support Service expenses approved by DNR for reimbursement separately from Personnel expenses.

### Other Equipment/Tools

**Give examples of the types of Equipment and Tools that will be purchased?**GPS survey equipment for performing engineering wetland restoration survey work and engineering surveys of shallow lake and large wetland enhancement projects, including survey equipment lease charges instead of actual outright equipment purchases to avoid buying equipment that becomes obsolete due to upgrades and advancements. Other equipment may include laptop and/or tablet computers, printers and other office equipment for biologists or engineers may be needed, along with hand tools and other field equipment as needs arise.

## Federal Funds

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

**Are the funds confirmed?**Yes

Cash : $500,000

**Is Confirmation Document attached?**[Yes](https://lsohcprojectmgmt.leg.mn/media/lsohc/proposal/federal_funds_confirmation_document/6a425e64-03e.pdf)

## Output Tables

### Acres by Resource Type (Table 1)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type** | **Wetland** | **Prairie** | **Forest** | **Habitat** | **Total Acres** |
| Restore | 200 | 100 | 0 | 0 | 300 |
| 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 | 1,500 | 600 | 0 | 0 | 2,100 |
| **Total** | **1,700** | **700** | **0** | **0** | **2,400** |

### Restoration/Enhancement Acres Breakdown of Existing Protected Lands (Table 1a.2)

|  | **RESTORE** |  | **ENHANCE** |  |
| --- | --- | --- | --- | --- |
|  | **Lands acquired with OHF** | **Lands NOT acquired with OHF** | **Lands acquired with OHF** | **Lands NOT acquired with OHF** |
| DNR Lands (WMA, State Forests, etc) | 0 | 0 | 0 | 1,000 |
| Non-DNR Lands (city, state, federal, etc.) | 0 | 150 | 0 | 1,000 |
| Easements | 0 | 150 | 0 | 100 |
| **Total** | **0** | **300** | **0** | **2,100** |

### Total Requested Funding by Resource Type (Table 2)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type** | **Wetland** | **Prairie** | **Forest** | **Habitat** | **Total Funding** |
| Restore | $2,235,000 | $100,000 | - | - | $2,335,000 |
| Protect in Fee with State PILT Liability | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - |
| Enhance | $12,340,000 | $300,000 | - | - | $12,640,000 |
| **Total** | **$14,575,000** | **$400,000** | **-** | **-** | **$14,975,000** |

### Acres within each Ecological Section (Table 3)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Type** | **Metro/Urban** | **Forest/Prairie** | **SE Forest** | **Prairie** | **N. Forest** | **Total Acres** |
| Restore | 0 | 50 | 0 | 250 | 0 | 300 |
| 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 | 100 | 200 | 0 | 1,800 | 0 | 2,100 |
| **Total** | **100** | **250** | **0** | **2,050** | **0** | **2,400** |

### Total Requested Funding within each Ecological Section (Table 4)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Type** | **Metro/Urban** | **Forest/Prairie** | **SE Forest** | **Prairie** | **N. Forest** | **Total Funding** |
| Restore | - | $750,000 | - | $1,585,000 | - | $2,335,000 |
| Protect in Fee with State PILT Liability | - | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - | - |
| Enhance | $500,000 | $1,500,000 | - | $10,640,000 | - | $12,640,000 |
| **Total** | **$500,000** | **$2,250,000** | **-** | **$12,225,000** | **-** | **$14,975,000** |

### Average Cost per Acre by Resource Type (Table 5)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **Wetland** | **Prairie** | **Forest** | **Habitat** |
| Restore | $11,175 | $1,000 | - | - |
| Protect in Fee with State PILT Liability | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - |
| Protect in Easement | - | - | - | - |
| Enhance | $8,226 | $500 | - | - |

### Average Cost per Acre by Ecological Section (Table 6)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type** | **Metro/Urban** | **Forest/Prairie** | **SE Forest** | **Prairie** | **N. Forest** |
| Restore | - | $15,000 | - | $6,340 | - |
| Protect in Fee with State PILT Liability | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - |
| Enhance | $5,000 | $7,500 | - | $5,911 | - |

### Target Lake/Stream/River Feet or Miles

## Parcels

**Sign-up Criteria?**No

**Explain the process used to identify, prioritize, and select the parcels on your list:**Ducks Unlimited prioritizes prairie shallow lake enhancement and wetland restoration and enhancement opportunities that are located in landscapes most heavily used by migrating and breeding waterfowl, and which our DNR and USFWS agency partners have identified and prioritize for optimal waterfowl habitat. Due to the overall shortage of prairie wetlands for breeding ducks, and relatively few shallow lakes in optimal condition for migrating ducks in Minnesota, DU relies on our DNR and USFWS agency partner biologists with land management responsibility to determine shallow lake and wetland project opportunities on public land or under easement. From there, DU prioritizes wetland restorations within landscapes of higher predicted breeding duck use, and prioritizes enhancement of shallow lakes where management success is most probable due to basin depth, landscape and hydrology conditions, and the likelihood that invasive fish can be minimized. For our WPA work, it is largely prioritized by the USFWS "Thunderstorm Map," that predicts breeding waterfowl densities, with this program focusing on the WPAs in the best predicted breeding habitats of the prairie and transition parts of the state.

### Restore / Enhance Parcels

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **County** | **TRDS** | **Acres** | **Est Cost** | **Existing Protection** | **Description** |
| Haverkamp WPA | Becker | 14141205 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Lindsey Lake WPA | Becker | 14242233 | 20 | $200,000 | Yes | Enhance small wetlands for USFWS. |
| Severson Lake WPA | Becker | 13843202 | 20 | $200,000 | Yes | Enhance small wetlands for USFWS. |
| Spring Marshes WPA | Becker | 14042209 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Barry Lake WPA | Big Stone | 12447204 | 3 | $20,000 | Yes | Enhance small wetlands for USFWS. |
| Bauman WPA | Big Stone | 12346220 | 3 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Bentson Lake WPA | Big Stone | 12245207 | 4 | $35,000 | Yes | Enhance small wetlands for USFWS. |
| Boehnke WPA | Big Stone | 12347211 | 3 | $55,000 | Yes | Enhance small wetlands for USFWS. |
| Dismal Swamp WPA - Small Wetlands | Big Stone | 12345214 | 4 | $70,000 | Yes | Enhance small wetlands for USFWS |
| Helgenson WPA | Big Stone | 12145205 | 1 | $10,000 | Yes | Enhance small wetlands for USFWS. |
| Hillman WPA | Big Stone | 12145215 | 1 | $10,000 | Yes | Enhance small wetlands for USFWS. |
| Karsky WPA | Big Stone | 12346207 | 9 | $35,000 | Yes | Enhance small wetlands for USFWS. |
| Kufrin WPA | Big Stone | 12245221 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS |
| Lane WPA | Big Stone | 12447227 | 2 | $135,000 | Yes | Enhance small wetlands for USFWS. |
| Otrey Lake WMA | Big Stone | 12245222 | 55 | $200,000 | Yes | Engineer and install water control structure for DNR |
| Prairie WPA | Big Stone | 12246236 | 2 | $15,000 | Yes | Enhance small wetlands for USFWS. |
| Redhead Marsh WPA | Big Stone | 12146211 | 3 | $15,000 | Yes | Enhance small wetlands for USFWS. |
| Rothi WPA | Big Stone | 12145202 | 3 | $25,000 | Yes | Enhance small wetlands for USFWS. |
| Swenson Lake | Big Stone | 12246203 | 314 | $500,000 | Yes | Engineer and install water control structure for DNR |
| Twin Lakes WPA | Big Stone | 12246225 | 1 | $10,000 | Yes | Enhance small wetlands for USFWS |
| Eagle Lake | Blue Earth | 10825207 | 617 | $1,000,000 | Yes | Engineer and install pump and water control structure for DNR |
| MN Valley NWR - Chaska Lake Enhancement | Carver | 11523208 | 80 | $500,000 | Yes | Engineer and install new water control structure for USFWS. |
| Three Rivers Park District - Lake 2 Enhancement | Carver | 11624204 | 35 | $200,000 | Yes | Engineer and install water control structure for 3RPD |
| Franko WMA Enhancement | Chippewa | 11738214 | 42 | $150,000 | Yes | Engineer and install water control structure for DNR |
| Bjornson WPA | Clay | 13845209 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Eide WPA | Clay | 14144221 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Korell WPA | Clay | 14144215 | 30 | $200,000 | Yes | Enhance small wetlands for USFWS. |
| Moe WPA | Clay | 14144232 | 10 | $10,000 | Yes | Enhance small wetlands for USFWS. |
| Clear Lake WPA | Cottonwood | 10538235 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Cottonwood Lake WPA | Cottonwood | 10535219 | 2 | $20,000 | Yes | Restore small wetlands for USFWS |
| Harder Lake WPA | Cottonwood | 10636216 | 1 | $5,000 | Yes | Engineer and restore small wetlands for USFWS |
| Watonwan River WPA | Cottonwood | 10636211 | 85 | $150,000 | Yes | Enhance wetlands for USFWS |
| Wolf Lake WPA - Small wetland restorations | Cottonwood | 10535231 | 5 | $20,000 | Yes | Restore small wetlands for USFWS |
| Banke Slough WPA - Small Wetlands | Douglas | 12839218 | 1 | $90,000 | Yes | Enhance small wetlands for USFWS |
| Ernest Olson WPA | Douglas | 13040223 | 2 | $115,000 | Yes | Enhance small wetlands for USFWS. |
| Hegg Lake WMA | Douglas | 12740227 | 73 | $300,000 | Yes | Engineer and install water control structure for DNR |
| Hudson WPA - Small Wetlands | Douglas | 12737229 | 3 | $145,000 | Yes | Enhance small wetlands for USFWS |
| J.I. case WPA - Small Wetlands | Douglas | 12840225 | 2 | $125,000 | Yes | Enhance small wetlands for USFWS |
| Kensington WPA | Douglas | 12740233 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Klug WPA - Small Wetlands | Douglas | 12840221 | 1 | $105,000 | Yes | Enhance small wetlands for USFWS |
| Petersen WPA | Douglas | 12836229 | 3 | $145,000 | Yes | Enhance small wetlands for USFWS. |
| Rachel WPA | Douglas | 12837211 | 5 | $55,000 | Yes | Enhance small wetlands for USFWS. |
| Rolling Acres WPA | Douglas | 12840231 | 6 | $155,000 | Yes | Enhance small wetlands for USFWS. |
| Runestone WPA | Douglas | 12740214 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Urness WMA | Douglas | 12840210 | 37 | $200,000 | Yes | Engineer and install water control structure for DNR |
| Maple River WPA | Faribault | 10426210 | 50 | $500,000 | Yes | Enhance wetland management with new water level control structures. |
| Bhagyam WPA | Freeborn | 10121230 | 15 | $20,000 | Yes | Enhance wetlands for USFWS |
| Twin Lakes WPA | Freeborn | 10122202 | 5 | $50,000 | Yes | Restore small wetlands for USFWS |
| Two Island WPA | Freeborn | 10322224 | 4 | $20,000 | Yes | Engineer and restore small wetlands for USFWS |
| Bailey Slough WPA | Grant | 12843206 | 8 | $30,000 | Yes | Enhance small wetlands for USFWS. |
| Evavold WPA | Grant | 13041204 | 2 | $20,000 | Yes | Enhance small wetlands for USFWS. |
| Frikken WPA | Grant | 13042203 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Green WPA | Grant | 12843207 | 6 | $35,000 | Yes | Enhance small wetlands for USFWS. |
| Mud Lake WPA | Grant | 13044225 | 4 | $125,000 | Yes | Enhance small wetlands for USFWS. |
| Pomme de Terre WPA | Grant | 13042235 | 4 | $175,000 | Yes | Enhance small wetlands for USFWS. |
| Stony Brook WPA | Grant | 13043205 | 6 | $25,000 | Yes | Enhance small wetlands for USFWS. |
| Stony Brook WPA - Shallow Lake Enhancement | Grant | 13043205 | 118 | $300,000 | Yes | Engineer and install water control structure for USFWS |
| Lake Katrina Enhancement | Hennepin | 11823230 | 485 | $500,000 | Yes | Engineer and install new water control structure for Three Rivers Park District. |
| Boot Lake | Jackson | 10335231 | 155 | $500,000 | Yes | Engineer and install new water control structures for MNDNR |
| Iowa Lake Enhancement | Jackson | 10138231 | 242 | $400,000 | Yes | Engineer and install water control structure for DNR |
| Little Sioux WPA | Jackson | 10136230 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Minnesota WPA | Jackson | 10137232 | 30 | $300,000 | Yes | Enhance wetlands for USFWS |
| Sangl WMA | Jackson | 10136221 | 25 | $150,000 | Yes | Enhance small wetlands for MNDNR. |
| Sioux Forks WPA | Jackson | 10136218 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Timber Lake WPA | Jackson | 10437224 | 21 | $40,000 | Yes | Enhance wetlands for USFWS |
| Arctander WPA - Small wetlands | Kandiyohi | 12136202 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS |
| Big Kandiyohi Lake WPA | Kandiyohi | 11734203 | 40 | $400,000 | Yes | Enhance small wetlands for USFWS. |
| Brenner Lake WPA | Kandiyohi | 12236206 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Burr Oak Lake - Small wetlands | Kandiyohi | 12034233 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS |
| Carlson Lake WPA | Kandiyohi | 12034204 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Century WPA - Small Wetlands | Kandiyohi | 12136211 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS |
| Dengerud WPA | Kandiyohi | 12135221 | 4 | $40,000 | Yes | Enhance small wetlands for USFWS. |
| Florida Slough WPA | Kandiyohi | 12135227 | 17 | $170,000 | Yes | Enhance small wetlands for USFWS. |
| Hanson WPA | Kandiyohi | 11836214 | 8 | $80,000 | Yes | Enhance small wetlands for USFWS. |
| Henjum Lake WPA | Kandiyohi | 12136222 | 15 | $150,000 | Yes | Enhance small wetlands for USFWS. |
| Irving WPA - Small Wetlands | Kandiyohi | 12133202 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS |
| New London WPA | Kandiyohi | 12134204 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Randall WPA - Small wetlands | Kandiyohi | 12236209 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS |
| Raymond WPA | Kandiyohi | 11836206 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Swan Lake WPA | Kandiyohi | 12036202 | 40 | $400,000 | Yes | Enhance small wetlands for USFWS. |
| Uncle Matt's WPA | Kandiyohi | 12033232 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Weber WPA | Kandiyohi | 12035228 | 79 | $300,000 | Yes | Engineer and install new water control structures for USFWS |
| Weber WPA - Small wetlands | Kandiyohi | 12035221 | 20 | $200,000 | Yes | Enhance small wetlands for USFWS |
| Whitefield WMA - Wetland Restorations | Kandiyohi | 11835215 | 13 | $50,000 | Yes | Restore small wetlands for MNDNR. |
| Yarmon WPA | Kandiyohi | 11834223 | 263 | $400,000 | Yes | Engineer and install new water control structure for USFWS |
| Big Stone NWR - South Prairie 1 Wetland Restoration | Lac qui Parle | 12046203 | 35 | $100,000 | Yes | Enhance small wetlands for USFWS |
| Big Stone NWR - Southeast Prairie and Yellow Bank South Wetland Restoration | Lac qui Parle | 12045207 | 20 | $75,000 | Yes | Enhance small wetlands for USFWS |
| Big Stone NWR Pool 4/4A | Lac qui Parle | 12145232 | 275 | $1,500,000 | Yes | Engineer and install water control structures for USFWS |
| Sweetwater WMA | Lac qui Parle | 11746236 | 69 | $200,000 | Yes | Engineer and install water control structure for DNR |
| Tenwell WMA Enhancement | Lac qui Parle | 11643201 | 115 | $300,000 | Yes | Engineer and install water control structure for DNR |
| Wild Wings WMA | Lac qui Parle | 11643223 | 73 | $250,000 | Yes | Engineer and install water control structure for DNR |
| Lake Henry Enhancement | Le Sueur | 11025234 | 396 | $100,000 | Yes | Enhance shallow lake with water control structure for MNDNR |
| Sanborn Lake WMA - Dietz Lake Enhancement | Le Sueur | 11223235 | 73 | $300,000 | Yes | Engineer and install water control structure for DNR |
| Agribank WPA | Lincoln | 11146205 | 25 | $150,000 | Yes | Enhance small wetlands for USFWS |
| Fox WPA | Lincoln | 11045222 | 20 | $100,000 | Yes | Enhance small wetlands for USFWS |
| Herschberger WMA - Curtis Lake Enhancement | Lincoln | 11145230 | 176 | $500,000 | Yes | Enhance shallow lake with water control structure for MNDNR |
| Knofczynski WPA | Lincoln | 11245227 | 10 | $50,000 | Yes | Enhance small wetlands for USFWS |
| Rochel WPA | Lincoln | 11045201 | 15 | $50,000 | Yes | Enhance small wetlands for USFWS |
| Rook WPA | Lincoln | 11345227 | 17 | $75,000 | Yes | Enhance small wetlands for USFWS |
| Weber WPA | Lincoln | 11045222 | 11 | $50,000 | Yes | Enhance small wetlands for USFWS |
| Arends WPA | Lyon | 11343218 | 5 | $20,000 | Yes | Enhance small wetlands for USFWS |
| Black Rush Lake WPA | Lyon | 11042216 | 30 | $125,000 | Yes | Enhance small wetlands for USFWS |
| Lyons WMA - Brown Marsh Enhancement | Lyon | 11042228 | 70 | $300,000 | Yes | Enhance shallow lake with water control structure for MNDNR |
| North Twin Lake Enhancement | Lyon | 10940219 | 115 | $250,000 | Yes | Engineer and install water control structure for DNR |
| Peterson WPA | Lyon | 10942230 | 5 | $20,000 | Yes | Enhance small wetlands for USFWS |
| Church Lake Restoration | Mahnomen | 14641232 | 206 | $500,000 | Yes | Engineer and install water control structure for DNR |
| Jason Barker WPA East | Mahnomen | 14542224 | 3 | $20,000 | Yes | Enhance small wetlands for USFWS |
| Agassiz NWR - Madsen Pool | Marshall | 15642215 | 100 | $50,000 | Yes | Enhance wetland management with new water level control structures. |
| Agassiz NWR - Mud Lake Main Agassiz Pool | Marshall | 15641220 | 5,000 | $1,000,000 | Yes | Enhance wetland management with berms. |
| Agassiz NWR - Pool 8 | Marshall | 15642203 | 100 | $50,000 | Yes | Enhance wetland management with new water level control structures. |
| Clam Lake | Martin | 10332215 | 72 | $200,000 | Yes | Engineer and install water control structure for MNDNR |
| Duck Lake Restoration | Martin | 10333211 | 100 | $300,000 | Yes | Restore shallow lake for USFWS |
| East Chain WMA Wetland Restoration | Martin | 10129206 | 10 | $75,000 | Yes | Restore small wetlands for MNDNR |
| Holmes Lake Restoration | Martin | 10232235 | 100 | $750,000 | Yes | Engineer and install water control structure for USFWS |
| Rooney Run WMA - Round Lake Enhancement | Martin | 10332221 | 45 | $200,000 | Yes | Engineer and install water level control structure for MNDNR |
| Clear Lake WPA | Meeker | 12130210 | 10 | $75,000 | Yes | Engineer and install new water control structure for USFWS. |
| East Hanson Lake Restoration | Meeker | 11931217 | 100 | $500,000 | Yes | Engineer and install new water control structure for USFWS |
| Forest City WPA | Meeker | 12030220 | 6 | $60,000 | Yes | Enhance small wetlands for USFWS |
| Hanson Lake WPA | Meeker | 11931207 | 21 | $210,000 | Yes | Enhance small wetlands for USFWS. |
| Harvey WPA | Meeker | 12031231 | 40 | $400,000 | Yes | Enhance small wetlands for USFWS. |
| Litchfield WPA | Meeker | 11931236 | 20 | $200,000 | Yes | Restore wetlands for USFWS. |
| Meeker Easement 107X | Meeker | 11930204 | 25 | $250,000 | Yes | Enhance wetland for USFWS with new water control structure. |
| Peifer WPA Shallow Lake Enhancement | Meeker | 11930204 | 81 | $200,000 | Yes | Engineer and install water control structure for USFWS |
| Rodewald WMA - Wetland Restoration | Meeker | 11832220 | 25 | $300,000 | Yes | Engineer and install new water control structure for MNDNR. |
| Tyrone Flats WPA | Meeker | 12131213 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Buffalo Lake WMA Wetland Restoration | Murray | 10739207 | 10 | $50,000 | Yes | Restore small wetlands for MNDNR. |
| Devils Run WPA | Murray | 10639206 | 28 | $200,000 | Yes | Engineer and install new water control structure for USFWS |
| Shetek WMA - Robbins Slough Enhancement | Murray | 10840222 | 245 | $350,000 | Yes | Engineer and install water control structure for MNDNR |
| Shetek WMA - Round Lake Enhancement | Murray | 10840221 | 171 | $200,000 | Yes | Engineer and install new water control structure for MNDNR. |
| Slaughter Slough WPA | Murray | 10740211 | 20 | $125,000 | Yes | Engineer and restore small wetlands for USFWS |
| Swan Lake WMA - Small Wetlands | Nicollet | 10928206 | 10 | $150,000 | Yes | Enhance and restore small wetlands for DNR |
| Bloom WPA | Nobles | 10441220 | 4 | $20,000 | Yes | Engineer and restore small wetlands for USFWS |
| Graham Lake WPA | Nobles | 10439220 | 14 | $70,000 | Yes | Engineer and restore small wetlands for USFWS |
| Lake Bella WPA | Nobles | 10140227 | 1 | $5,000 | Yes | Engineer and restore small wetlands for USFWS |
| Worthington WPA | Nobles | 10240224 | 2 | $20,000 | Yes | Enhance small wetlands for USFWS. |
| Backstrom WPA - Small Wetlands | Otter Tail | 13543208 | 3 | $40,000 | Yes | Enhance small wetlands for USFWS |
| Baumann WPA | Otter Tail | 13237205 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Duenow WPA | Otter Tail | 13442233 | 3 | $20,000 | Yes | Enhance small wetlands for USFWS |
| Erhard's Grove WPA - Small Wetlands | Otter Tail | 13543228 | 2 | $140,000 | Yes | Enhance small wetlands for USFWS |
| Fitzgerald WPA | Otter Tail | 13743208 | 2 | $40,000 | Yes | Enhance small wetlands for USFWS. |
| Gardner WPA | Otter Tail | 13644203 | 1 | $15,000 | Yes | Enhance small wetlands for USFWS. |
| Grady Mann WPA | Otter Tail | 13144228 | 3 | $140,000 | Yes | Enhance small wetlands for USFWS. |
| Haiby WPA | Otter Tail | 13644212 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Jorgenson WPA | Otter Tail | 13144203 | 6 | $15,000 | Yes | Enhance small wetlands for USFWS. |
| Knobel Lake WPA - Small Wetlands | Otter Tail | 13543229 | 1 | $145,000 | Yes | Enhance small wetlands for USFWS |
| Nelson WPA | Otter Tail | 13743206 | 1 | $30,000 | Yes | Enhance small wetlands for USFWS. |
| Pelican Valley WPA | Otter Tail | 13543204 | 3 | $20,000 | Yes | Enhance small wetlands for USFWS. |
| Rokes WPA | Otter Tail | 13337220 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Simpson WPA | Otter Tail | 13643235 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Stange Lake WPA - Small Wetlands | Otter Tail | 13242210 | 2 | $75,000 | Yes | Enhance small wetlands for USFWS. |
| Tweeton WPA | Otter Tail | 13743207 | 1 | $35,000 | Yes | Enhance small wetlands for USFWS. |
| Clarke WPA | Polk | 14941207 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Hill River WPA | Polk | 14841201 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Lepier WPA | Polk | 14740206 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Mcintosh WPA | Polk | 14841216 | 1 | $10,000 | Yes | Enhance small wetlands for USFWS. |
| Glenwood WPA | Pope | 12537234 | 15 | $100,000 | Yes | Enhance small wetlands for USFWS |
| Grove Lake WPA | Pope | 12536228 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS |
| Jorgenson WPA | Pope | 12639202 | 10 | $10,000 | Yes | Enhance small wetlands for USFWS. |
| Mattson WPA | Pope | 12640210 | 7 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Ouren WPA | Pope | 12437232 | 5 | $160,000 | Yes | Enhance small wetlands for USFWS. |
| Stenson Lake WPA | Pope | 12438223 | 4 | $115,000 | Yes | Enhance small wetlands for USFWS. |
| Wall WPA | Pope | 12437218 | 9 | $90,000 | Yes | Enhance small wetlands for USFWS. |
| Daubs Lake Enhancement | Redwood | 11137211 | 175 | $250,000 | Yes | Engineer and install water control structure for DNR |
| Westline WMA | Redwood | 11139213 | 200 | $200,000 | Yes | Engineer and install water level control structure for MNDNR |
| Beaver Falls WMA - Wetland Enhancement | Renville | 11335223 | 30 | $250,000 | Yes | Engineer and install new water control structure for MNDNR. |
| Boon Lake Enhancement | Renville | 11631205 | 858 | $500,000 | Yes | Engineer and install a water control structure and permanent pump for MNDNR |
| Preston Lake WPA | Renville | 11531227 | 7 | $70,000 | Yes | Enhance small wetlands for USFWS. |
| Wang WPA | Renville | 11638219 | 4 | $40,000 | Yes | Enhance small wetlands for USFWS. |
| St. Olaf - Big Pond Enhancement | Rice | 11220235 | 10 | $100,000 | Yes | Engineer and install water control structure for FWS |
| MN Valley NWR - Louisville Swamp Enhancement | Scott | 11423205 | 75 | $500,000 | Yes | Engineer and install new water control structure for USFWS. |
| Sherburne NWR - Iron Pool Enhancement | Sherburne | 03527216 | 25 | $250,000 | Yes | Engineer and install new water control structure for USFWS. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sherburne NWR - Pool 31 Enhancement | Sherburne | 03527228 | 30 | $250,000 | Yes | Engineer and install new water control structure for USFWS. |
| Sherburne NWR - West Carpenter Pool Enhancement | Sherburne | 03528226 | 70 | $300,000 | Yes | Engineer and install new water control structure for USFWS. |
| Ward Lake WMA | Sibley | 11330204 | 5 | $20,000 | Yes | Water control structure work and additional small wetlands |
| Washington Lake Enhancement | Sibley | 11426215 | 600 | $500,000 | Yes | Engineer and install new water control structure for MNDNR. |
| Ashley WPA | Stearns | 12635229 | 20 | $200,000 | Yes | Enhance small wetlands for USFWS. |
| Collegeville WPA | Stearns | 12430234 | 3 | $30,000 | Yes | Enhance small wetlands for USFWS. |
| Crow River WMA Enhancement | Stearns | 12334228 | 77 | $300,000 | Yes | Engineer and install water control structure for DNR |
| Padua WPA | Stearns | 12535206 | 10 | $10,000 | Yes | Enhance small wetlands for USFWS. |
| Pope WPA | Stearns | 12535207 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| Prairie Storm WPA | Stearns | 12535219 | 5 | $50,000 | Yes | Enhance small wetlands for USFWS. |
| USFWS Easement - 181X | Stearns | 12632232 | 38 | $200,000 | Yes | Engineer and install water control structure for FWS |
| Uhlenkolts Lake WPA | Stearns | 12532208 | 2 | $20,000 | Yes | Enhance small wetlands for USFWS. |
| Whitney WPA | Stearns | 12635211 | 20 | $200,000 | Yes | Enhance small wetlands for USFWS. |
| Zehrer WPA | Stearns | 12634205 | 2 | $20,000 | Yes | Enhance small wetlands for USFWS. |
| Straight River Marsh WPA | Steele | 10520222 | 50 | $500,000 | Yes | Engineer and restore wetlands and prairie for USFWS |
| Edwards WPA - Small Wetlands | Stevens | 12441208 | 1 | $40,000 | Yes | Enhance small wetlands for USFWS |
| Long Lake WPA | Stevens | 12441203 | 3 | $15,000 | Yes | Enhance small wetlands for USFWS. |
| Pepperton WPA | Stevens | 12543214 | 1 | $10,000 | Yes | Enhance small wetlands for USFWS |
| Johnson Lake Enhancement | Swift | 12239217 | 179 | $500,000 | Yes | Enhance shallow lake with water control structure for MNDNR |
| Loen WPA - Small Wetlands | Swift | 12238207 | 3 | $15,000 | Yes | Enhance small wetlands for USFWS. |
| Svor WPA | Swift | 12238217 | 5 | $85,000 | Yes | Enhance small wetlands for USFWS. |
| Aurzada Prairie WMA | Todd | 12735208 | 5 | $50,000 | Yes | Engineer and install water control structure for DNR |
| Terfehr WPA | Todd | 12735208 | 3 | $40,000 | Yes | Enhance small wetlands for USFWS. |
| West Union WMA | Todd | 12735209 | 30 | $250,000 | Yes | Engineer and install water control structure for DNR |
| Diekmann WPA - Small Wetlands | Traverse | 12548235 | 2 | $75,000 | Yes | Enhance small wetlands for USFWS |
| Gibson WPA - Small Wetlands | Traverse | 12548233 | 1 | $165,000 | Yes | Enhance small wetlands for USFWS |
| Jenk WPA - Small Wetlands | Traverse | 12548235 | 1 | $175,000 | Yes | Enhance small wetlands for USFWS |
| Murphy WPA | Traverse | 12548236 | 1 | $180,000 | Yes | Enhance small wetlands for USFWS. |
| Pederson WPA | Traverse | 12548206 | 3 | $30,000 | Yes | Enhance small wetlands for USFWS. |
| Robinhood WPA | Traverse | 12548217 | 15 | $85,000 | Yes | Enhance small wetlands for USFWS. |
| Keystone Woods WMA - Wetland Enhancement | Washington | 03120218 | 125 | $750,000 | Yes | Wetland enhancement for DNR on Keystone Woods WMA after purchase by TPL. |
| Sulem WMA | Watonwan | 10533205 | 226 | $500,000 | Yes | Engineer and install water level control structure for MNDNR |
| Angus Lake WPA | Wright | 12126236 | 22 | $220,000 | Yes | Enhance small wetlands for USFWS. |
| Annandale WPA | Wright | 12127232 | 5 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Corinna WPA | Wright | 12127213 | 5 | $100,000 | Yes | Enhance small wetlands for USFWS. |
| Pelican Lake WPA - Small wetlands | Wright | 12125236 | 15 | $200,000 | Yes | Enhance small wetlands for USFWS. |
| Dakota WPA | Yellow Medicine | 11446205 | 20 | $200,000 | Yes | Enhance small wetlands for USFWS |
| Kontz WPA | Yellow Medicine | 11546231 | 10 | $100,000 | Yes | Enhance small wetlands for USFWS |
| Spellman WMA - Miedd Lake | Yellow Medicine | 11441223 | 50 | $100,000 | Yes | Engineer and install water control structure for MN DNR |

## Parcel Map



