



# LIVING SHALLOW LAKE ENHANCEMENT & WETLAND RESTORATION PHASE IX

Ducks Unlimited proposes to strategically enhance 2,200 acres of shallow lakes, restore 300 acres of wetlands, and restore or enhance 500 acres of uplands on state Wildlife Management Areas, federal Waterfowl Production Areas, permanent conservation easements, and other protected lands.

- Phase 9 of DU's ongoing programmatic shallow lake enhancement and wetland restoration initiative.
- Focus: Provide wetland engineering to improve prairie shallow lakes managed by Minnesota DNR and restore prairie pothole wetlands on federal Waterfowl Production Areas.

### Primary goals:

- ◆ Enhance degraded shallow lakes and large wetlands for migrating and brood-rearing waterfowl.
- ◆ Restore prairie pothole wetlands on federal WPAs and state WMAs for breeding waterfowl pairs in spring.
- ◆ Restore and enhance wetland habitat for non-game wetland-dependent birds.
- ◆ Enhance public water shallow lakes as public waterfowl hunting areas and birding areas for people too.

**Focus Location:** Prairie Pothole Region in the south and west regions of Minnesota.

**Habitat Outputs:** 3,000 acres of enhanced or restored habitat for breeding ducks and other wetland-dependent wildlife.

**Wildlife Outcomes:** Based on DNR guidance and best available science, DU estimates this habitat will support at least 1,012 pairs of mallards and 17 or more pairs of trumpeter swans.

<b>BUDGET:</b>	<b>\$13,700,000 TOTAL REQUEST</b>
Contracts:	\$12,000,000 for shallow lake water control structure construction and wetland restorations
Professional services:	\$ 140,000 for soil investigations, county ditch petitions, county ditch reviews, etc
Personnel:	\$ 1,080,000 for DU biologists and engineers to plan, design, and implement projects
In-state travel:	\$ 120,000 for DU biologists and engineers over five years to deliver projects
Supplies and materials:	\$ 90,000 for native wetland plant seed to restore wetlands
Capital equipment:	\$ 60,000 for GPS survey gear and a tracked ATV with trailer for surveys
Other equipment/tools:	\$ 90,000 for engineering equipment to survey, design and manage construction projects
Direct support services:	\$ 120,000 for DU staff support costs, including administrative support, office, etc.

### PRIOR DU OHF ENHANCEMENT/RESTORATION APPROPRIATION SPENDING AND ACCOMPLISHMENTS:

Appropriation Year:	Appropriation:	Funds spent:	Funds remaining:	Accomplishments:
2009 (Phase I)	\$2,528,000	\$2,528,000 (100%)	\$ 0	6,882 wetland acres
2010 (Phase II)	\$5,042,000	\$5,042,000 (100%)	\$ 0	7,251 wetland acres
2012 (Phase III)	\$4,490,000	\$4,490,000 (100%)	\$ 0	3,086 wetland acres
2014 (Phase IV)	\$4,910,000	\$4,888,300 (100%)	\$ 0	6,011 wetland acres
2017 (Phase V)	\$4,716,000	\$4,716,000 (100%)	\$ 0	2,856 wetland acres
2018 (Phase VI)	\$3,740,000	\$3,690,600 (99%)	\$ 49,400	Ongoing, 1,129 wetland acres
2021 (Phase VII)	\$3,960,000	\$1,929,400 (49%)	\$2,030,600	Ongoing, 528 wetland acres
2022 (Phase VIII)	\$5,155,000	\$0 (0%)	\$5,155,000	Just beginning

**By end of 2023, DU will have spent or legally obligated most past OHF grant funds for shallow lake and wetland engineering enhancements and restorations through Phase 7 and most Phase 8 funding.**

# WRE 02 SHALLOW LAKE ENHANCEMENTS AND PRAIRIE WETLAND RESTORATIONS

