



GREAT LAKES /
ATLANTIC REGION

GLRI PROJECTS

- 20 18 entire Great Lakes watershed
- 26 all Great Lakes Areas of Concern
- 56 all of Lake Erie and Lake Michigan

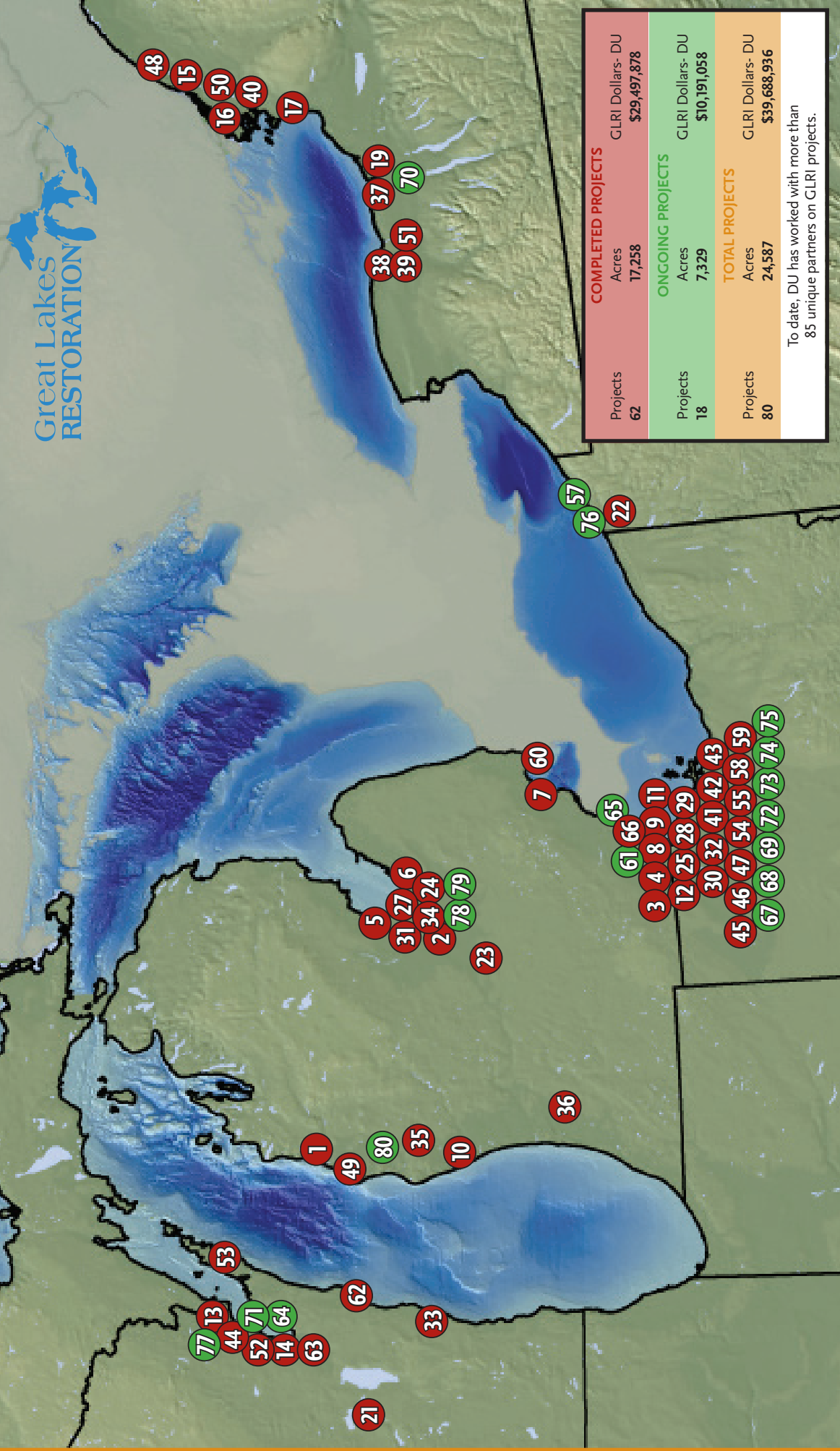
LEGEND:



On-going grants



Completed projects



COMPLETED PROJECTS	Projects	62
	Acres	17,258
ONGOING PROJECTS	Projects	18
	Acres	7,329
TOTAL PROJECTS	Projects	80
	Acres	24,587
To date, DU has worked with more than 85 unique partners on GLRI projects.		

GLRI Dollars- DU	\$29,497,878
GLRI Dollars- DU	\$10,191,058
GLRI Dollars- DU	\$39,688,936

1. **ARCADIA MARSH/BOWENS CREEK RESTORATION AND FISH PASSAGE - MANISTEE COUNTY, MI:** Funding Source: NFWF SOGL Funding Amount: \$783,823 Habitat Restored: 75 acres coastal wetland restored, 1 mile of channelized stream restored, 10 miles of fish passage restored Partners: Grand Traverse Regional Land Conservancy, Conservation Resource Alliance, Little River Band of Ottawa Indians, Great Lakes Fishery Trust, Manistee County Road Commission, Michigan DNR Congressional District: MI-1
2. **SHIAWASSEE FLATS FLOODPLAIN RESTORATION - SAGINAW COUNTY, MI:** Funding Source: UMGL JV Funding Amount: \$99,750 Habitat Restored: 141 acres riparian wetland restored Partners: USFWS, Saginaw Bay WIN Congressional District: MI-5
3. **POINTE AUX PEAUX COASTAL WETLAND RESTORATION AND FISH PASSAGE - MONROE COUNTY, MI:** Funding Source: EPA - Habitat Funding Amount: \$192,653 Habitat Restored: Enhanced 91 acres of coastal wetlands, restored fish passage to 91 acres of coastal wetlands Partners: Michigan DNR Congressional District: MI-7
4. **DUSSEAU WETLAND/LAKEPLAIN PRAIRIE RESTORATION - MONROE COUNTY, MI:** Funding Source: EPA - Habitat Funding Amount: \$284,477 Habitat Restored: 38 acres of coastal wetlands, 28 acres of lakeplain prairie Partners: Michigan DNR Congressional District: MI-7



5. **NAYANQUING POINT STATE WILDLIFE AREA COASTAL WETLAND - BAY COUNTY, MI:** Funding Source: EPA - Habitat Funding Amount: \$192,862 Habitat Restored: Enhanced 448 acres of coastal wetlands Partners: Michigan DNR, Michigan Duck Hunters Association Congressional District: MI-5

6. **VAN HOVE COASTAL WETLAND RESTORATION - TUSCOLA COUNTY, MI:** Funding Source: EPA - Habitat Funding Amount: \$119,199 Habitat Restored: 19 acres of coastal wetlands Partners: Michigan DNR, Fish Point Wildlife Association Congressional District: MI-10

7. **ANCHOR BAY/ST. CLAIR FLATS PHRAGMITES CONTROL AND EDUCATION - ST. CLAIR COUNTY, MI:** Funding Source: EPA - Invasive Species Funding Amount: \$809,005 Habitat Restored: 2,612 acres of coastal wetlands Partners: Michigan DNR, Michigan Sea Grant, Southeast Michigan Council of Governments, Ira Township, Clay Township Congressional District: MI-10
8. **ERIE MARSH PRESERVE COASTAL WETLAND RESTORATION - MONROE COUNTY, MI:** Funding Source: NOAA Funding Amount: \$2,498,829; \$1,980,997 to DU Habitat Restored: 258 acres of coastal wetlands; restored fish passage to 258 acres of coastal wetlands Partners: TNC (grantee), Erie Shooting and Fishing Club, USFWS Congressional District: MI-7
9. **STATE AND FEDERAL REFUGE PROTECTION BUFFERS IN SW LAKE ERIE - SW LAKE ERIE WATERSHED:** Funding Source: GLFWRA Funding Amount: \$630,100 Habitat Restored: Acquired and protected 330 acres of wetlands or restorable wetlands Partners: USFWS, Michigan DNR, Ohio DNR Congressional District: MI-7; OH-9; OH-5
10. **BLACK CREEK SEDIMENTATION AND PHOSPHOROUS REDUCTIONS - MUSKEGON COUNTY, MI:** Funding Source: EPA - Nearshore Health Funding Amount: \$999,657; \$950,000 to DU Habitat Restored: 102-acre wetland to remove 1,005 pounds of phosphorous/yr. and 6 tons of total suspended solids/yr. Partners: Michigan DEQ, Mona Lake Watershed Council, Muskegon County, Muskegon County Drain Commissioner, Wastewater Municipal Committee Congressional District: MI-2
11. **MAGEE MARSH: RESTORING AND ENHANCING COASTAL WETLANDS IN SW LAKE ERIE - OTTAWA COUNTY, OH:** Funding Source: UMGL JV Funding Amount: \$150,013 Habitat Restored: Restored/enhanced 392 acres of coastal wetlands Partner: Ohio DNR Congressional District: OH-9
12. **RESTORING LAKE ERIE HYDROLOGY AND COASTAL MARSH AT MIDDLE HARBOR - OTTAWA COUNTY, OH:** Funding Source: NOAA Funding Amount: \$643,397 Habitat Restored: 350 acres of coastal wetlands Partner: Ohio DNR Congressional District: OH-9
13. **WINEGAR POND - INVASIVE SPECIES CONTROL IN A GREEN BAY WETLAND - MARINETTE COUNTY, WI:** Funding Source: EPA - Invasive Species Funding Amount: \$658,009 Habitat Restored: 120 acres of coastal wetlands, enhanced 100 acres of wetlands Partner: Wisconsin DNR Congressional District: WI-8
14. **INTEGRATED STREAM AND WETLAND RESTORATION GREEN BAY/FOX RIVER AREA OF CONCERN - DUCK/PENSAUKEE WATERSHEDS, WI:** Funding Source: EPA-AOC Funding Amount: \$1,362,896; \$173,175 to DU Habitat Restored: Model limitations to pike spawning habitat, wetland restoration planning for 1,210 acres, restored 220 wetland acres Partners: TNC (grantee), Wisconsin DNR, USFWS, U.S. Forest Service, Oneida Nation, University of Wisconsin Congressional District: WI-8
15. **INDIAN RIVER LAKES WETLAND PROTECTION - JEFFERSON COUNTY, NY:** Funding Source: ACJV Funding Amount: \$432,865 Habitat Restored: 591 acres of wetlands and buffers Partner: Indian River Lakes Conservancy Congressional District: NY-21
16. **COASTAL FISHERIES HABITAT RESTORATION IN THE ST. LAWRENCE RIVER - JEFFERSON COUNTY, NY:** Funding Source: NOAA Funding Amount: \$1,000,000 Habitat Restored: enhanced 225 acres of coastal wetland Partners: NYSDEC, SUNY-ESF Congressional District: NY-21
17. **LAKE ONTARIO WETLAND INVASIVE SPECIES CONTROL & RESTORATION - JEFFERSON COUNTY, NY:** Funding Source: EPA - Invasive Species Funding Amount: \$571,510, \$225,294 to DU Habitat Restored: Control invasive species and enhanced 200 acres of coastal wetland Partner: TNC (grantee) Congressional District: NY-21

18. UPDATING, ANALYZING AND UTILIZING NATIONAL WETLANDS INVENTORY DATA FOR CONSERVATION PLANNING

Funding Source: USFWS **Funding Amount:** \$350,000 **Congressional District:** Entire Great Lakes Watershed

19. FISH HABITAT ENHANCEMENT AT LAKE SHORE MARSHES WMA - WAYNE COUNTY, NY: Funding Source: HOW

Funding Amount: \$15,000 **Habitat Restored:** Developed engineering design leading to the restoration of 79 acres of coastal wetlands
Partners: NYSDEC, Constellation Energy, USFWS, NAWCA, Audubon Society, Friends of Montezuma Wetlands Complex
Congressional District: NY-24

20. ASSESSING WETLAND CHANGE IN THE GREAT LAKES: Funding Source: USFWS GLFWRA Funding Amount: \$112,500

Congressional District: entire Great Lakes Watershed

21. BOHN FARMS ACQUISITION - WINNEBAGO COUNTY, WI: Funding Source: NAWCA Funding Amount: \$491,411

Habitat Restored: 123 acres of wetland and associated upland **Partner:** USFWS **Congressional District:** WI-6

22. SOUTHERN LAKE ERIE (PA) WATERSHED RESTORATION - ERIE COUNTY, PA: Funding Source: NFWF SOGL; ACJV

Funding Amount: \$630,603 NFWF SOGL; \$101,858 ACJV **Habitat Restored:** Restore and enhance 1,190 acres of coastal wetlands and oak savannah **Partners:** Cleveland Museum of Natural History, California University of PA, PA Department of Conservation and Natural Resources, Foundation for Sustainable Forests, PA Game Commission, PA Sea Grant, Pennsylvania State University, Regional Science Consortium, Western Pennsylvania Conservancy, PA Fish and Boat Commission, Lake Erie Regional Conservancy **Congressional District:** PA-3

23. MAPLE RIVER STATE GAME AREA WETLAND ENHANCEMENT - GRATIOT COUNTY, MI: Funding Source: UMGL JV

Funding Amount: \$208,000 **Habitat Restored:** Enhanced 344 acres of emergent wetlands **Partners:** Michigan DNR, Friends of the Maple River Watershed **Congressional District:** MI-4

24. CROW ISLAND STATE GAME AREA MARSH ENHANCEMENT - SURVEY AND DESIGN - SAGINAW COUNTY, MI:

Funding Source: NOAA **Funding Amount:** \$58,881 **Habitat Restored:** Developed topographic survey and engineering design leading to the enhancement of 2,205 acres of emergent wetlands **Partner:** Michigan DNR **Congressional District:** MI-5

25. FORD MARSH ENGINEERING DESIGN - MONROE COUNTY, MI: Funding Source: NOAA Funding Amount: \$23,094

Habitat Restored: Developed engineering design leading to the enhancement of 175 acres of coastal wetlands **Partners:** USFWS **Congressional District:** MI-7

26. COORDINATION WITH AREA OF CONCERN PUBLIC ADVISORY COUNCILS TO IDENTIFY WETLAND RESTORATION PROJECTS - GREAT LAKES WATERSHED: Funding Source: NOAA Funding Amount: \$26,132 Habitat Restored: Identification of future wetland restoration and enhancement projects Partners: Area of Concern Public Advisory Councils Congressional District: All Great Lakes Areas of Concern

27. REFINING AND UPDATING THE WETLAND PROTECTION STATUS IN THE SAGINAW BAY COASTAL PLAIN - SAGINAW RIVER/BAY AREA OF CONCERN: Funding Source: NOAA Funding Amount: \$24,127 Habitat Restored: Updated data set of protected lands below the 585 contour along Saginaw Bay Partner: Partnership for the Saginaw Bay Watershed Congressional District: MI-5

28. STATE AND FEDERAL REFUGE PROTECTION BUFFERS IN SW LAKE ERIE PHASE II - SW LAKE ERIE WATERSHED: Funding Source: GLFWRA Funding Amount: \$313,500 Habitat Restored: Protected 166 acres of wetlands or wetland buffers Partners: Black Swamp Conservancy, Ohio DNR DOW, Michigan DNR, USFWS, Ottawa NWR and Detroit River IWR Congressional District: MI-7; OH-9; OH-5

28. STATE AND FEDERAL REFUGE PROTECTION BUFFERS IN SW LAKE ERIE PHASE II - SW LAKE ERIE WATERSHED:

Funding Source: GLFWRA **Funding Amount:** \$313,500 **Habitat Restored:** Protected 166 acres of wetlands or wetland buffers
Partners: Black Swamp Conservancy, Ohio DNR DOW, Michigan DNR, USFWS, Ottawa NWR and Detroit River IWR
Congressional District: MI-7; OH-9; OH-5



#4 Dusseau Wetland/Lakeplain Prairie Restoration - GLRI Project Dedication

- 29. RESTORING WETLAND HABITAT FOR THE FEDERALLY THREATENED COPPERBELLY WATERSNAKE - WILLIAMS COUNTY, OH:** Funding Source: GLFWRA Funding Amount: \$80,804 Habitat Restored: 42 acres of mixed habitat types including forested wetlands Partners: Ohio DNR DOW, Indiana University-Purdue University of Fort Wayne Congressional District: OH-5
- 30. HABITAT RESTORATION IN THE MAUMEE AREA OF CONCERN - OTTAWA COUNTY, OH:** Funding Source: NOAA Funding Amount: \$1,471,744; \$1,044,263 to DU Habitat Restored: Restored and enhanced 512 acres of coastal wetlands Partners: TNC (*grantee*), USFWS, Ottawa NWR Congressional District: OH-9; OH-5
- 31. RESTORING WETLANDS AND FISH PASSAGE IN THE SHIAWASSEE FLATS - SAGINAW COUNTY, MI:** Funding Source: NFWF SOGL Funding Amount: \$1,500,000 Habitat Restored: Restored and enhanced 1,250 acres of riparian wetlands; restore fish passage Partners: Saginaw Bay WIN, Dow Chemical Company, USFWS, Shiawassee NWR Congressional District: MI-5
- 32. FORD MARSH COASTAL WETLAND ENHANCEMENT - MONROE, COUNTY, MI:** Funding Source: NOAA Funding Amount: \$310,854 Habitat Restored: Enhanced 175 acres of coastal wetlands Partners: USFWS, Detroit River IWR Congressional District: MI-7
- 33. SOUTHEAST WISCONSIN COASTAL HABITAT INITIATIVE - PHASE V:** Funding Source: NAWCA Funding Amount: \$1,000,000 Habitat Restored: Protected, restored and enhanced 1,836 acres of breeding and migration habitat Partners: Wisconsin DNR, Milwaukee Metropolitan Sewerage District, Ozaukee Washington Land Trust, Calumet County, Pheasants Forever, Oneida Tribe of Indians of Wisconsin, Baird Creek Preservation Foundation, TNC Congressional District: WI-6
- 34. CROW ISLAND STATE GAME AREA WETLAND ENHANCEMENT - SAGINAW COUNTY, MI:** Funding Source: GLFWRA Funding Amount: \$161,589 Habitat Restored: Enhanced 1,250 acres of coastal and riparian wetlands Partners: Michigan DNR, NOAA, NFW Congressional District: MI-5
- 35. BOSMA PROPERTY ENGINEERING DESIGN - MUSKEGON COUNTY, MI:** Funding Source: NOAA Funding Amount: \$50,000 Habitat Restored: Conducted topographic survey and due diligence leading to the protection and restoration of 80 acres of coastal wetlands Partners: West Michigan Shoreline Regional Development Commission, City of North Muskegon Congressional District: MI-2
- 36. ALLEGAN STATE GAME AREA WETLAND RESTORATION - ALLEGAN COUNTY, MI:** Funding Source: UMGL JV Funding Amount: \$283,128 Habitat Restored: 150 wetland acres restored and enhanced Partner: Michigan DNR Congressional District: MI-6
- 37. FISH HABITAT ENHANCEMENT AT LAKE SHORE MARSHES WMA - WAYNE COUNTY, NY:** Funding Source: Great Lakes Basin Fish Habitat Partnership (USFWS) Funding Amount: \$74,984 Habitat Restored: 79 acres of coastal wetlands Partners: NYSDEC, Constellation Energy, USFWS, NAWCA, Audubon Society, Friends of Montezuma Wetlands Complex, HOW Congressional District: NY-24
- 38. BRADDOCK BAY WETLAND RESTORATION AT BUCK POND - BRADDOCK BAY WMA - MONROE COUNTY, NY:** Funding Source: NOAA Funding Amount: \$350,000 Habitat Restored: 200 acres of coastal wetlands Partners: NYSDEC, TNC, HOW, Braddock Bay Fish and Wildlife Management Area Committee, Town of Greece Congressional District: NY-25
- 39. BRADDOCK BAY WETLAND RESTORATION AT BUCK POND - BRADDOCK BAY WMA - MONROE COUNTY, NY:** Funding Source: HOW Funding Amount: \$14,960 Habitat Restored: 200 acres of coastal wetlands Partners: NOAA, NYSDEC, TNC, Braddock Bay Fish and Wildlife Management Area Committee, Town of Greece Congressional District: NY-25
- 40. ST. LAWRENCE VALLEY HABITAT PROTECTION AND ENHANCEMENT PROJECT, NY:** Funding Source: ACJV Funding Amount: \$144,584 Habitat Restored: Protected 60 acres and enhanced 182 acres of wetlands and associated habitats Partners: NYSDEC, Thousand Island Land Trust Congressional District: NY-21
- 41. COASTAL WETLAND RESTORATION IN THE MAUMEE AREA OF CONCERN:** Funding Source: NFWF SOGL Funding Amount: \$600,000; \$505,000 to DU Habitat Restored: Restore and enhance 505 acres of coastal wetlands and native grasslands; restore Lake Erie hydrology and fish passage to 80 acres of coastal wetlands Partners: TNC (*grantee*), USFWS, Ottawa NWR Congressional Districts: OH-9; OH-5
- 42. STATE AND FEDERAL REFUGE PROTECTION BUFFERS IN SW LAKE ERIE PHASE III - SW LAKE ERIE WATERSHED:** Funding Source: GLFWRA Funding Amount: \$182,842 Habitat Restored: Protected 212 acres of wetlands or wetland buffers Partners: Black Swamp Conservancy, Ohio DNR DOW, Michigan DNR, USFWS, Ottawa NWR and Detroit River IWR Congressional Districts: MI-7; OH-9; OH-5
- 43. RESTORING HYDROLOGIC CONNECTIVITY, FISH PASSAGE, AND COASTAL MARSH AT OTTAWA NWR IN THE MAUMEE RIVER AREA OF CONCERN:** Funding Source: NOAA Funding Amount: \$700,000 Habitat Restored: Enhance 1,460 acres of coastal wetlands, restore fish passage to Lake Erie coastal wetlands Partners: TNC, USFWS, Ottawa NWR Congressional District: OH-9
- 44. GREEN BAY COASTAL RESTORATION, BROWN, DOOR, MARINETTE, OCONTO COUNTIES, WI:** Funding Source: GLFWRA Funding Amount: \$314,000 Habitat Restored: Survey and treat phragmites and invasive cattail along the shoreline of Green Bay Partners: Wisconsin DNR, Marinette County Congressional District: WI-8
- 45. STATE AND FEDERAL REFUGE PROTECTION BUFFERS IN SW LAKE ERIE PHASE IV:** Funding Source: GLFWRA Funding Amount: \$150,727 Habitat Restored: Protect 123 acres of wetlands or wetland buffers Partners: Black Swamp Conservancy, Ohio DNR DOW, Michigan DNR, USFWS, Ottawa NWR and Detroit River IWR Congressional Districts: MI-7; OH-9; OH-5

- 46. COASTAL HABITAT RESTORATION IN THE WESTERN LAKE ERIE BASIN:** Funding Source: NFWF SOGL Funding Amount: \$1,406,658; \$1,029,025 to DU Habitat Restored: Restore 575 acres of coastal wetland and adjacent upland Partners: TNC (*grantee*), USFWS, Ottawa NWR Congressional District: OH-9
- 47. HOWARD MARSH METROPARK – PHASE I – LUCAS COUNTY, OH:** Funding Source: NOAA Funding Amount: \$2,838,944 Habitat Restored: Phase I of this two-phased project restored 572 acres of coastal marsh, including fish passage from Lake Erie, and 151 acres of uplands. The engineering design of the Phase II restoration is underway (see #72) and once implemented will restore approximately 232 acres of coastal wetlands. Partners: Metroparks of the Toledo Area, Ohio DNR DOW, SmithGroup JJR Congressional District: OH-9
- 48. FERGUSON POINT FISH HABITAT ENHANCEMENT - JEFFERSON COUNTY, NY:** Funding Source: Great Lakes Basin Fish Habitat Partnership (USFWS) Funding Amount: \$75,000 Habitat Restored: 5 acres of coastal wetlands Partners: NYSDEC, USFWS, SUNY-ESF, private landowners Congressional District: NY-21
- 49. MANISTEE MARSH WETLAND ENHANCEMENT - MANISTEE COUNTY, MI:** Funding Source: UMGL JV Funding Amount: \$196,000 Habitat Restored: Enhance 162 acres of coastal wetlands Partner: Michigan DNR Congressional District: MI-1
- 50. COASTAL WETLAND HABITAT RESTORATION IN LAKE ONTARIO A DUCKS UNLIMITED CONTINENTAL COLLABORATION:** Funding Source: HOW Funding Amount: \$15,000 Partner: Ducks Unlimited Canada Congressional District: NY-21
- 51. INVASIVE SPECIES CONTROL AND WETLAND RESTORATION AT BRADDOCK BAY FWMA - PHASE II - MONROE COUNTY, NY:** Funding Source: EPA Funding Amount: \$572,653 Habitat Restored: 250 acres of coastal wetland and marsh meadow Partners: EPA, NYSDEC, SUNY-Brockport, Town of Greece, private landowners, Braddock Bay Fish and Wildlife Management Area Committee Congressional District: NY-25
- 52. BARKHAUSEN WATERFOWL PRESERVE III - BROWN COUNTY, WI:** Funding Source: USFWS Coastal Program-Great Lakes Funding Amount: \$85,000 Habitat Restored: Restore and enhance 76 acres of wetland Partners: Brown County, USFWS Congressional District: WI-8
- 53. DUNES LAKE RESTORATION - DOOR COUNTY, WI:** Funding Source: USFWS Coastal Program -Great Lakes Funding Amount: \$85,000 Habitat Restored: Restore 80 acres of coastal shallow lake Partners: Wisconsin DNR, Door County, TNC, USFWS Congressional District: WI-8
- 54. RESTORING FISH AND WILDLIFE HABITAT AND IMPROVING WATER QUALITY IN THE WESTERN LAKE ERIE BASIN - PHASE I:** Funding Source: GLFWRA Funding Amount: \$560,397 Habitat Restored: 494 acres of wetlands and 137 acres of grasslands Partners: Ohio DNR DOW, Michigan DNR Wildlife Division, USFWS - Partners for Fish and Wildlife Program, Ottawa County Soil and Water Conservation District, USFWS, Ottawa NWR Congressional District: MI-7; OH-9; OH-5; OH-4; IN-3
- 55. TOUSSAINT WILDLIFE AREA TOPOGRAPHIC SURVEY - OTTAWA COUNTY, OH:** Funding Source: NOAA Funding Amount: \$41,347 Habitat Restored: No habitat restored directly but the topographic survey was used to develop an engineering design for the enhancement of more than 200 acres of riparian wetlands Partners: TNC (*grantee*) and Ohio DOW. Congressional District: OH-9
- 56. WETLANDS HABITAT RESTORATION ALONG LAKE MICHIGAN AND LAKE ERIE:** Funding Source: Freshwater Futures Funding Amount: \$15,000 Habitat Restored: No habitat restored directly but funding was used to develop two GLRI funding proposals, one in Ohio and one in Wisconsin. Partners: TBD Congressional District: All of Lake Erie and Lake Michigan
- 57. PRESQUE ISLE PRIORITY WETLAND RESTORATION- ERIE COUNTY, PA:** Funding Source: NFWF SOGL Funding Amount: \$565,626 Habitat Restored: Restore and enhance 400 acres of coastal wetlands Partners: Audubon Pennsylvania, California University of PA, Environment Erie, PA Department of Conservation and Natural Resources, Regional Science Consortium Congressional District: PA-3



#59 Construction at Toussaint Wildlife Area Coastal Wetland Enhancement & Fish Passage Project

- 58. ERIE MARSH PRESERVE COASTAL WETLAND RESTORATION PHASE II - MONROE COUNTY, MI:** Funding Source: NFWF SOGL
Funding Amount: \$941,758, \$966,429 to DU Habitat Restored: 196 acres of coastal wetlands Partners: TNC (*grantee*), Erie Shooting & Fishing Club, USFWS Congressional District: MI-7
- 59. TOUSSAINT WILDLIFE AREA COASTAL WETLAND ENHANCEMENT AND FISH PASSAGE - PHASE I - OTTAWA COUNTY, OH**
Funding Source: GLFWRA and NOAA Funding Amount: \$279,588 (GLFWRA) and \$600,000 (NOAA) Habitat Restored: Enhance 85 acres of coastal wetlands and restore fish passage Partners: Ohio DOW, TNC Congressional District: OH-9
- 60. ST. JOHNS MARSH WILDLIFE AREA COASTAL WETLAND ENHANCEMENT - PHASE I - ST. CLAIR COUNTY, MI**
Funding Source: GLFWRA Funding Amount: \$107,587 Habitat Restored: Enhance 295 acres of coastal wetlands
Partners: Michigan DNR, St. Clair Flats Waterfowler's Inc. Congressional District: MI-10
- 61. ERIE MARSH PRESERVE COASTAL WETLAND RESTORATION - PHASE III - MONROE COUNTY, MI:** Funding Source: NFWF SOGL,
TNC Funding Amount: \$2,207,257 Habitat Restored: 220 acres of coastal wetlands Partners: TNC (*grantee*), Erie Shooting & Fishing Club, USFWS Congressional District: MI-7
- 62. LITTLE MANITOWOC RIVER - MANITOWOC COUNTY, WI:** Funding Source: USFWS Coastal Program, NFWF SOGL
Funding Amount: \$85,000 Habitat Restored: 38 acres of coastal wetlands Partners: Lakeshore Natural Resources Partnership, Fund for Lake Michigan Congressional District: WI-6
- 63. SENSIBA UNIT - GREEN BAY WEST SHORES WA - BROWN COUNTY, WI:** Funding Source: USFWS Coastal Program, NFWF SOGL
Funding Amount: \$89,272 Habitat Restored: 234 acres of coastal wetlands Partners: Wisconsin DNR, Fund for Lake Michigan, Fox River/Green Bay NRDA Congressional District: WI-8
- 64. GREEN BAY WEST SHORE TO POINT AU SAUBLE - BROWN COUNTY, WI:** Funding Source: USFWS Coastal Program, NFWF SOGL
Funding Amount: \$526,548 Habitat Restored: 172 acres of coastal wetlands Partners: Wisconsin DNR, Fund for Lake Michigan, UW-Green Bay, USFWS, Fox River/Green Bay NRDA Congressional District: WI-8
- 65. CRIPPLE POINT COASTAL WETLAND - MONROE COUNTY, MI:** Funding Source: NFWF SOGL, USFWS Coastal Program
Funding Amount: \$340,444 Habitat Restored: 28 acres of coastal wetlands Partners: Michigan DNR, Waterfowl USA - Southwestern Lake Erie Chapter, Pointe Mouillee Waterfowl Festival, Gibraltar Duck Hunters Association Congressional District: MI-7
- 66. STERLING STATE PARK-RESTORING FISH ACCESS TO COASTAL WETLANDS - MONROE COUNTY, MI**
Funding Source: USFWS Coastal Program, USFWS Fish Passage Program Funding Amount: \$162,698 Habitat Restored: Enhance 90 acres of coastal wetlands and restore fish passage Partners: Michigan DNR Congressional District: MI-7
- 67. TOUSSAINT WILDLIFE AREA COASTAL WETLAND ENHANCEMENT AND FISH PASSAGE - PHASE 2 - OTTAWA COUNTY, OH:**
Funding Source: Energy Transfer, NFWF SOGL Funding Amount: \$532,702 Habitat Restored: Enhance 85 acres of coastal wetlands and restore fish passage Partners: Ohio DOW, TNC (*grantee*) Congressional District: OH-9
- 68. TOUSSAINT EAST AND WEST LAND ACQUISITION AND HABITAT RESTORATION PROJECT - OTTAWA COUNTY, OH**
Funding Source: Energy Transfer, USFWS Funding Amount: \$2,233,009 Habitat Restored: Protect and restore 203 acres of wetlands and adjacent uplands Partners: USFWS Ottawa NWR Congressional District: OH-9
- 69. RESTORING FISH AND WILDLIFE HABITAT AND IMPROVING WATER QUALITY IN THE WESTERN LAKE ERIE BASIN - PHASE II:**
Funding Source: GLFWRA Funding Amount: \$490,000 Habitat Restored: 250 acres of wetlands and 250 acres of grasslands
Partners: Ohio DNR DOW, Michigan DNR Wildlife Division, USFWS - Partner for Fish and Wildlife Program, Ottawa County Soil and Water Conservation District, USFWS, Ottawa NWR, Indiana DNR Division of Fish and Wildlife Congressional Districts: MI-7, OH-9, OH-5, OH-4, IN-3
- 70. LOOP ROAD WETLAND RESTORATION - MONTEZUMA WETLANDS COMPLEX - CAYUGA COUNTY, NY:**
Funding Source: UMGL JV Funding Amount: \$193,934 Habitat Restored: 125 acres of wetlands and 15 acres of grasslands Partners: NYSDEC, The Friends of the Montezuma Wetlands Complex Congressional District: NY-24



#59 Toussaint Wildlife Area Coastal Wetland Enhancement & Fish Passage Project

- 71. CAT ISLAND CHAIN TERN NESTING ISLANDS – BROWN COUNTY, WI:** Funding Source: USFWS Coastal Program - Great Lakes, NRDA Funding Amount: \$375,000 Habitat Restored: 4 acres of tern nesting islands Partners: University of WI – Green Bay, Brown County, USFWS Congressional District: WI-8
- 72. HOWARD MARSH METROPARK – PHASE II ENGINEERING DESIGN – LUCAS COUNTY, OH:** Funding Source: NOAA Funding Amount: \$211,060 Habitat Restored: No habitat restored directly but once implemented, the design will lead to the restoration of 232 acres of coastal wetlands Partners: Metroparks of the Toledo Area Congressional District: OH-9
- 73. HOWARD MARSH METROPARK – PHASE I TIER 1 HYDROLOGIC RECONNECTION POST-RESTORATION MONITORING – LUCAS COUNTY, OH:** Funding Source: NOAA Funding Amount: \$5,022 Partners: Metroparks of the Toledo Area Congressional District: OH-9
- 74. TOUSSAINT WILDLIFE AREA COASTAL WETLAND ENHANCEMENT AND FISH PASSAGE - PHASE 3 – OTTAWA COUNTY, OH:** Funding Source: NOAA Funding Amount: \$723,608 Habitat Restored: Enhance the last 40 acres of coastal wetlands and restore fish passage for this three-phased 125-acre project Partners: Ohio DNR DOW, Energy Transfer Congressional District: OH-9
- 75. LITTLE PORTAGE WILDLIFE AREA ENGINEERING DESIGN – OTTAWA COUNTY, OH:** Funding Source: NOAA Funding Amount: \$149,924 Habitat Restored: No habitat restored directly but once implemented, the design will lead to the enhancement of approximately 250 acres of coastal wetlands and fish passage Partners: Ohio DNR DOW, Energy Transfer Congressional District: OH-9
- 76. PRESQUE ISLE PRIORITY WETLAND RESTORATION II- ERIE COUNTY, PA:** Funding Source: NFWF SOGL Funding Amount: \$907,696 Habitat Restored: Restore and enhance 800 acres of coastal wetlands Partners: Erie Bird Observatory, California University of PA, Environment Erie, PA Department of Conservation and Natural Resources, Regional Science Consortium, Pennsylvania State University Congressional District: PA-3
- 77. OCONTO MARSH – OCONTO COUNTY, WI:** Funding Source: NFWF SOGL Funding Amount: \$210,839 Habitat Restored: Enhance 234 acres of coastal marsh and restore 25-acre Northern Pike spawning marsh Partners: Fox River Green Bay NRDA, Fund for Lake Michigan, Wisconsin DNR Congressional District: WI-8
- 78. SHIAWASSEE NATIONAL WILDLIFE REFUGE HYDROLOGIC RECONNECTION AND WETLAND RESTORATION PHASE II – SAGINAW COUNTY, MI:** Funding Source: USFWS Funding Amount: \$213,592 Habitat Restored: Develop fully-engineered, construction-ready plans to restore or enhance over 2,600 acres of wetland habitat at Shiawassee National Wildlife Refuge Partners: USFWS Shiawassee NWR Congressional District: MI-5
- 79. MAANKIKI MARSH AND FERGUSON BAYOU RE-CONNECTION PHASE IIA – SAGINAW COUNTY, MI:** Funding Source: USFWS Funding Amount: \$468,389 Habitat Restored: Enhance 436 emergent wetland and 858 floodplain forest Partner: USFWS Shiawassee NWR Congressional District: MI-5
- 80. WESTERN MICHIGAN WETLANDS AND GRASSLANDS RESTORATION PROGRAM:** Funding Source: USFWS Funding Amount: \$50,000 Habitat Restored: Restore 85 acres of wetlands and 17 acres of grasslands Partner: USFWS–Partners for Fish and Wildlife Program Congressional Districts: MI-1, MI-2, MI-3, MI-4

ACRONYM LEGEND

ACJV	Atlantic Coast Joint Venture	NRDA	Natural Resources Damage Assessment
EPA	Environmental Protection Agency	NWF	National Wildlife Federation
DEQ	Department of Environmental Quality	NWR	National Wildlife Refuge
DOW	Division of Wildlife	NYSDEC	New York State Department of Environmental Conservation
DNR	Department of Natural Resources	SOGL	Sustain Our Great Lakes
GLFWRA	Great Lakes Fish and Wildlife Restoration Act	SUNY-ESF	State University of New York College of Environmental Science and Forestry
GLRI	Great Lakes Restoration Initiative	TNC	The Nature Conservancy
HOW	Healing Our Waters Coalition	UMGL JV	Upper Mississippi River & Great Lakes Region Joint Venture
IWR	International Wildlife Refuge	USFWS	United States Fish and Wildlife Service
NAWCA	North American Wetlands Conservation Act	WIN	Watershed Initiative Network
NFWF	National Fish and Wildlife Foundation		
NOAA	National Oceanic and Atmospheric Administration		

Ducks Unlimited is pleased to work with dozens of entities to implement the Great Lakes Restoration Initiative, including federal, state, tribal and local agencies and organizations, as well as other conservation partners. DU shares a common vision with all of these partners and by working together we are able to enhance our collective missions. DU will continue to invest significant funds and expertise to advance a healthy and productive Great Lakes watershed.

DUCKS UNLIMITED'S GREAT LAKES INITIATIVE

Cool water, coastal wetlands, and an appreciation for the outdoors define Ducks Unlimited's Great Lakes Initiative area. The coastline of the five Great Lakes exceeds 10,000 miles and encircles approximately 20 percent of the world's fresh water. Glaciers created a diversity of wetlands, shallow lakes, coastal estuaries and rivers. Through the Great Lakes Initiative, DU addresses all of these habitat types and provides abundant resources for continentally significant numbers of breeding, migrating, and wintering waterfowl.

It's up to those in Michigan and the other Great Lakes states to support solutions for excessive inputs into wetlands, lakes, streams, and rivers resulting in substantial water quality issues. In addition, invasive species have degraded remaining habitat and new exotics threaten the region each year. Lower waterfowl and hunter numbers are the inevitable result of changes in Great Lakes habitat conditions. In Michigan, breeding mallard numbers have dropped 50 percent. Recent research suggests that mallard population growth is largely limited by brood survival, so the primary emphasis of breeding conservation programs has been on restoring complexes of wetlands with a mosaic of open-water and emergent vegetation on public and private lands.

An estimated 60 percent of historic wetlands have been lost in the Great Lakes Initiative area, and continued loss is estimated at 1 percent annually. The majority of that loss has occurred in key waterfowl landscapes and exceeds 90 percent in some areas. Loss of native prairie grasslands has been extreme, also exceeding 90 percent. Help curb and reverse this loss of critical wetlands and grasslands in the Great Lakes with your support of DU's Great Lakes Initiative.

