



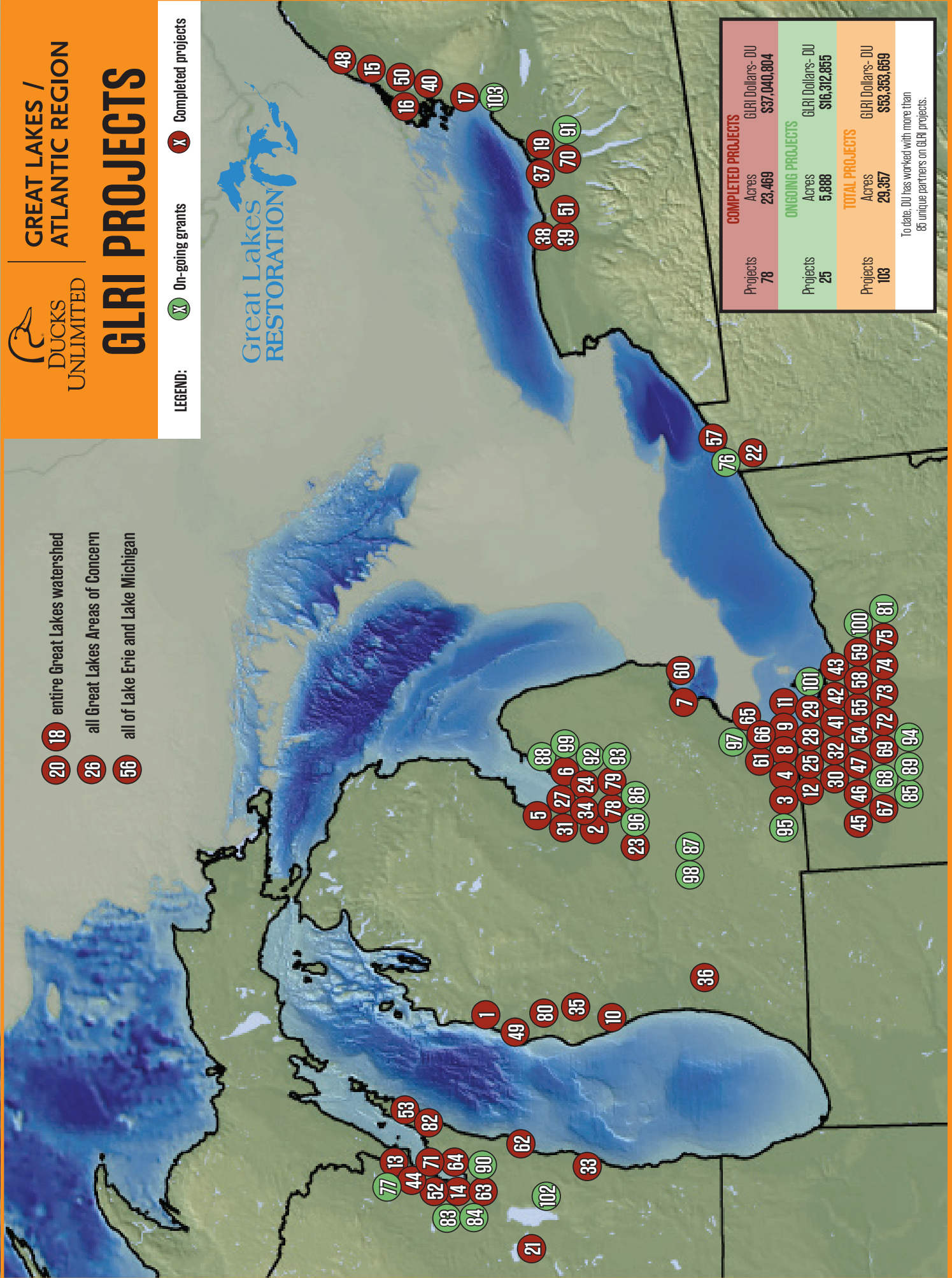
GREAT LAKES / ATLANTIC REGION

GLRI PROJECTS



LEGEND: X On-going grants X Completed projects

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



COMPLETED PROJECTS	GLRI Dollars- DU
Projects 78	\$37,040,804
Acres 23,469	
ONGOING PROJECTS	GLRI Dollars- DU
Projects 25	\$16,312,955
Acres 5,888	
TOTAL PROJECTS	GLRI Dollars- DU
Projects 103	\$53,353,659
Acres 29,357	
To date, DU has worked with more than 86 unique partners on GLRI projects.	

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



#70 Loop Road Wetland Restoration GLRI Project Dedication - Montezuma Wetlands Complex

- 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
- 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, NWF 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 Partners: 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



#29 Restoring Wetland Habitat for the Federally Threatened Copperbelly Watersnake - Williams County, OH

- 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 - PFWP, 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 452 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
- 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, 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, OH:** **Funding Source:** NFWF SOGL, TNC
Funding Amount: \$2,207,257 **Habitat Restored:** 232 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
- 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—PFWP **Congressional Districts:** MI-1, MI-2, MI-3, MI-4
- 81. NAVARRE MARSH HABITAT RESTORATION PROJECT – Ottawa County, OH:** Funding Source: USFWS **Funding Amount:** \$1,240,000
Habitat Restored: Enhance 779 acres of coastal marsh and restore fish passage **Partners:** USFWS Ottawa NWR, First Energy, Ohio DNR **Congressional District:** OH-9
- 82. DUNES LAKE PHASE II – Door County, WI:** Funding Source: NFWF-SOGL **Funding Amount:** \$703,412 **Habitat Restored:** This phase builds off the pilot project to dredge Dunes Lake and treat invasive species to restore this 80-acre wetland complex **Partners:** Door County Soil and Water Conservation Department, Wisconsin DNR, USFWS, TNC **Congressional District:** WI-8
- 83. RESTORING PRIORITY WETLANDS IN GREEN BAY THROUGH INVASIVE SPECIES CONTROL – Brown, Oconto, Marinette Counties, WI:**
Funding Source: NFWF-SOGL **Funding Amount:** \$308,944 **Habitat Restored:** 300 acres of invasive species control and continued maintenance of six priority coastal wetlands along the west shore of Green Bay **Partners:** University of Wisconsin Green Bay, Wisconsin DNR, USFWS **Congressional District:** WI-8



- 84. GREEN BAY COASTAL COMMUNITY RESTORATION PROJECT – Brown, Oconto, Marinette Counties, WI:** **Funding Source:** USFWS-Coastal Program Great Lakes **Funding Amount:** \$148,067 **Habitat Restored:** 60 acres of native species reintroduction and continued maintenance of six priority coastal wetlands along the west shore of Green Bay **Partners:** University of Wisconsin Green Bay, Wisconsin DNR, USFWS **Congressional District:** WI-8
- 85. RESTORING FISH AND WILDLIFE HABITAT AND IMPROVING WATER QUALITY IN THE WESTERN LAKE ERIE BASIN – PHASE III:** **Funding Source:** USFWS-GLFWRA **Funding Amount:** \$350,000 **Habitat Restored:** 200 acres of wetlands **Partners:** Ohio DNR DOW, Michigan DNR, 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
- 86. FERGUSON BAYOU HYDROLOGIC RECONNECTION – Saginaw County, MI:** **Funding Source:** USFWS **Funding Amount:** \$949,124 **Habitat Restored:** Enhance 862 acres of floodplain forest **Partners:** USFWS Shiawassee NWR **Congressional District:** MI-5
- 87. LOWER PENINSULA WETLANDS AND GRASSLANDS RESTORATION PROGRAM:** **Funding Source:** USFWS **Funding Amount:** \$150,000 **Habitat Restored:** Restore 70 acres of wetlands and 75 acres of grasslands **Partners:** USFWS-PFWP **Congressional Districts:** MI-1 through M-14
- 88. BAYSHORE BIRDS, RESTORING AND ENHANCING WETLANDS ALONG SAGINAW BAY - Tuscola County, MI:** **Funding Source:** USFWS-Coastal Program Great Lakes **Funding Amount:** \$74,937 **Habitat Restored:** Develop fully-engineered plans to restore 157 acres of emergent wetlands and 89 acres of native grasslands **Partners:** USFWS, Michigan DNR, Tuscola Conservation District **Congressional District:** MI-10
- 89. HOWARD MARSH METROPARK PHASE II WETLAND RESTORATION – Lucas County, OH:** **Funding Source:** NOAA **Funding Amount:** \$4,022,639 **Habitat Restored:** Restore 205 acres of coastal marsh and restore fish passage **Partners:** Metroparks of the Toledo Area, Ohio Department of Natural Resources **Congressional District:** OH-9
- 90. KEN EUERS NATURE PRESERVE PHASE II – Brown County, WI:** **Funding Source:** USFWS Coastal Program Great Lakes **Funding Amount:** \$87,600 **Habitat Restored:** Enhance 20 acres of coastal emergent wetland **Partners:** Fund for Lake Michigan, City of Green Bay, University of Wisconsin-Green Bay **Congressional District:** WI-8
- 91. SENECA RIVER FLOODPLAIN WETLAND ENHANCEMENT – Wayne and Cayuga Counties, NY:** **Funding Source:** UMGL JV **Funding Amount:** \$182,246 **Habitat Restored:** Enhance 65 acres of wetlands **Partners:** NYSDEC, Friends of the Montezuma Wetlands Complex **Congressional District:** NY-24
- 92. SHIAWASSEE NATIONAL WILDLIFE REFUGE HYDROLOGIC RECONNECTION AND WETLAND RESTORATION PHASE III – Saginaw County, MI:** **Funding Source:** USFWS **Funding Amount:** \$1,073,523 **Habitat Restored:** Develop fully-engineered, construction-ready plans and restore 105 acres of wetland habitat at Shiawassee National Wildlife Refuge **Partners:** USFWS Shiawassee NWR **Congressional District:** MI-5



- 93. SHIAWASSEE NATIONAL WILDLIFE REFUGE HYDROLOGIC RECONNECTION AND WETLAND RESTORATION PHASE V – Saginaw County, MI:** Funding Source: USFWS Funding Amount: \$478,569 Habitat Restored: Develop fully-engineered, construction-ready plans and restore 150 acres of wetland habitat at Shiawassee National Wildlife Refuge Partners: USFWS-Shiawassee NWR Congressional District: MI-5
- 94. RESTORING FISH AND WILDLIFE HABITAT AND IMPROVING WATER QUALITY IN THE WESTERN LAKE ERIE BASIN – PHASE IV:** Funding Source: USFWS-GLFWRA Funding Amount: \$590,000 Habitat Restored: 293 acres of wetlands and 165 acres of grasslands Partners: Ohio DNR DOW, Michigan DNR, USFWS – Partner for Fish and Wildlife Program, Ottawa County Soil and Water Conservation District, USFWS, Indiana DNR-DOW, Pheasants Forever Congressional Districts: MI-7, OH-9, OH-5, OH-4, IN-3
- 95. MICHIGAN-OHIO INLAND WETLAND PROTECTION:** Funding Source: USFWS Funding Amount: \$194,174 Habitat Restored: Protect and restore 30.5 acres of wetland associated uplands Partners: USFWS, Michigan DNR, Ohio DOW Congressional Districts: MI-3, MI-6 thru MI-9, MI-11 thru MI-14, and OH-5, OH-9, and OH-15
- 96. RECONNECTING THE SHIAWASSEE RIVER FLOODPLAIN - GREENPOINT LONG POND RESTORATION:** Funding Source: USFWS Funding Amount: \$756,200 Habitat Restored: Restore 7 acres of floodplain wetland Partners: USFWS-Shiawassee NWR Congressional Districts: MI-5
- 97. POINTE SEC WETLAND RESTORATION PHASE I - Monroe County, MI:** Funding Source: USFWS – Coastal Program Funding Amount: \$44,364 Habitat Restored: Develop engineered-plans to enhance 15 acres of coastal wetlands Partners: Michigan DNR Congressional District: MI-7
- 98. LOWER PENINSULA WETLANDS AND GRASSLANDS RESTORATION PROGRAM II:** Funding Source: USFWS Funding Amount: \$161,000 Habitat Restored: Restore 75 acres of wetlands and 82 acres of grasslands Partners: USFWS-PFWP Congressional Districts: MI-1 through M-14
- 99. BAYSHORE BIRDS, RESTORING AND ENHANCING WETLANDS ALONG SAGINAW BAY PHASE III - Tuscola County, MI:** Funding Source: USFWS Coastal Program-Great Lakes, NAWCA Funding Amount: \$200,000 Habitat Restored: Develop fully-engineered plans to restore 157 acres of coastal emergent wetlands Partners: USFWS, Michigan DNR Congressional District: MI-10
- 100. PROTECTING AND RESTORING LAND AT OTTAWA NATIONAL WILDLIFE REFUGE - Ottawa County, OH:** Funding Source: USFWS Funding Amount: \$848,524 Habitat Restored: Protect 110 acres of coastal wetlands Partners: USFWS Ottawa NWR Congressional District: OH-9
- 101. NAVARRE MARSH HABITAT RESTORATION PROJECT - Ottawa County, OH:** Funding Source: USFWS Coastal Program Funding Amount: \$200,000 Habitat Restored: Enhance 599 acres of coastal wetlands Partners: USFWS-Ottawa NWR, Energy Harbor, ODOV Congressional District: OH-9
- 102. WISCONSIN WETLAND AND GRASSLAND RESTORATION COOPERATIVE AGREEMENT:** Funding Source: GLRI Funding Amount: \$140,000 Habitat Restored: Restore 22 acres of wetland and 40 acres of grassland within the Great Lakes basin Partner: USFWS-PFWP Congressional Districts: WI-1, WI-4, WI-5, WI-6, WI-8
- 103. LAKEVIEW WILDLIFE MANAGEMENT AREA: HEMI-MARSH HABITAT RESTORATION PROJECT:** Funding Source: NOAA Regional Partnership to Restore Fish Habitat in Priority Great Lakes and Areas of Concern Funding Amount: \$311,400 Habitat Restored: 180 acres of Great Lakes Coastal Wetland Enhancement Partners: Great Lakes Commission, NYS DEC, Great Lakes Audubon Congressional District: NY-21



MORE CONSERVATION TO COME



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	PFWP	Partners for Fish and Wildlife Program
GLFWRA	Great Lakes Fish and Wildlife Restoration Act	SOGL	Sustain Our Great Lakes
GLRI	Great Lakes Restoration Initiative	SUNY-ESF	State University of New York College of Environmental Science and Forestry
HOW	Healing Our Waters Coalition	TNC	The Nature Conservancy
IWR	International Wildlife Refuge	UMGL JV	Upper Mississippi River & Great Lakes Region Joint Venture
NAWCA	North American Wetlands Conservation Act	USFWS	United States Fish and Wildlife Service
NFWF	National Fish and Wildlife Foundation	WIN	Watershed Initiative Network
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 river flowages. Through the Great Lakes Initiative, DU will address all of these habitat types and provide abundant resources for continentally significant numbers of breeding, migrating, and wintering waterfowl.

It's up to those in the 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. More recently, declining lake levels are cause for considerable concern. 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 gift to DU's Great Lakes Initiative today.

