

**Report to the North Carolina General Assembly's  
Joint Legislative Oversight Committee on  
Agriculture and Natural and Economic Resources**



***Shallow Draft Navigation  
Channel Dredging and Aquatic  
Weed Fund Report***

**October 1, 2025**

**Division of Water Resources**

**NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Pursuant to G.S. 143-215.73F(f)**

JOSH STEIN  
Governor

D. REID WILSON  
Secretary

RICHARD E. ROGERS, JR.  
Director



October 1, 2025

Joint Legislative Oversight Committee on Agriculture and Natural and Economic Resources  
16 W. Jones Street  
Raleigh, North Carolina 27601

Re: Report on the "Shallow Draft Navigation Channel Dredging and Aquatic Weed Fund"

To Whom It May Concern:

As per §143-215.73F(f), annually the Department of Environmental Quality is required to provide a report on the projects funded from the "Shallow Draft Navigation Channel Dredging and Aquatic Weed Fund." The report shall include project type, project location, brief description, entity receiving funds and the amount of funding provided. Attached is the report covering FY 2024-2025.

This report was prepared by Kevin Hart with the Division of Water Resources in the Department of Environment Quality. If you have questions about this report, please contact me by email at [Kevin.Hart@ncdenr.gov](mailto:Kevin.Hart@ncdenr.gov) or by phone at 919-707-3607.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Hart", on a light-colored background.

Kevin Hart



North Carolina Department of Environmental Quality | Division of Water Resources  
512 North Salisbury Street | 1617 Mail Service Center | Raleigh, North Carolina 27699-1617  
919.707.9000

Shallow Draft Navigation Fund Project Payments  
FY 2024-2025

Date of payment	Project Name	Local Partner	State Amount Paid	Local match	Water body	Water body type
8/25/2024	CW40089 Dare Old house	Dare County	\$300,000.00	\$100,000.00	Old House Channel	Channel
8/20/2024	CW41700 Walter slough/crack	Dare County	\$765,664.90	\$255,221.63	Walter Slough/Crack Channel	Channel
8/5/2024	CW38492 Wanchese	Dare County	\$329,705.93	\$109,901.98	Wanchese Extension	Channel
8/2/2024	CW38585 Oregon Inlet	Dare County	\$1,942,301.93	\$647,433.98	Oregon Inlet	Inlet
8/16/2024	CW38325 Hatteras Inlet	Dare County	\$12,444.32	\$4,148.11	Hatteras	Inlet
12/3/2025	CW44219 Raymond's Gut	Carteret County	\$90,295.05	\$30,098.35	Raymond's Gut	Channel
9/24/2024	7749 Jinks Creek	Town of Sunset Beach	\$311,520.48	\$103,840.16	Jinks Creek	Channel
10/2/2024	CW50538 Atlantic Beach	Town of Atlantic Beach	\$69,450.00	\$23,150.00	Money Island, Causeway Channel	Channel
11/5/2024	CW50629 Sloop Channel <sup>1</sup>	Hyde County	\$387,346.74	\$0.00	Sloop Channel	Channel
12/4/2024	CW43067 Sunset Beach	Town of Sunset Beach	\$1,793,323.50	\$597,774.50	Mary's and Turtle Creek, Feeder Channel, Finger Canal	Channel
12/4/2024	CW40558 Village of Bald Head Island	Village Of Bald Head Island	\$67,303.06	\$22,434.35	Bald Head Island Marina	Channel
7/2/2024	7749 Sunset Beach	Town of Sunset Beach	\$679,836.18	\$226,612.06	Mary's and Turtle Creek, Feeder Channel, Finger Canal	Channel
7/2/2024	CW40558 Village of Bald Head Island	Village Of Bald Head Island	\$66,536.66	\$22,178.89	Bald Head Island Marina	Channel
7/15/2024	CW34064 Stumpy Point	Dare County	\$123,144.38	\$41,048.13	Stumpy Point Bay	Channel
1/10/2025	USACE Carolina Beach Inlet	New Hanover County	\$1,050,000.00	\$350,000.00	Carolina Beach Inlet	Inlet
1/22/2025	USACE Shallote	Town of Ocean Isle	\$165,000.00	\$55,000.00	Shallote Inlet	Inlet
1/10/2025	100507 Rodanthe emergency	Dare County	\$70,542.02	\$23,514.01	Rodanthe Harbor Channel	Channel
1/22/2025	USACE Lockwood Folly Widener	Oak Island	\$175,000.00	\$58,333.33	Lockwood Folly Inlet	Inlet
1/27/2025	CW49557 Old House 2	Dare County	\$139,340.33	\$46,446.78	Old House channel	Channel
1/27/2025	CW49551 Hatteras Inlet	Dare County	\$297,011.81	\$99,003.94	Hatteras Inlet	Inlet
1/27/2025	CW 50538 Atlantic beach channels	Town of Atlantic Beach	\$72,198.75	\$24,066.25	Money Island, Causeway Channel	Channel
2/15/2025	CW43067 Sunset Beach	Town of Sunset Beach	\$46,341.59	\$15,447.20	Mary's and Turtle Creek, Feeder Channel, Finger Canal	Channel
2/15/2025	CW38492 wanchese ext	Dare County	\$202,467.90	\$67,489.30	Wanchese Extension	Channel
4/3/2025	CW34064 Stumpy Point	Dare County	\$35,063.63	\$11,687.88	Stumpy Point Bay	Channel
3/19/2025	CW50269 Sloop Channel <sup>1</sup>	Hyde County	\$128,228.40	\$0.00	Sloop Channel	Channel
4/3/2025	CW50269 Sloop Channel <sup>1</sup>	Hyde County	\$42,937.80	\$0.00	Sloop Channel	Channel
4/23/2025	CW53711 Surf City Banks Channel	Town of Surf City	\$5,165,542.19	\$1,721,847.40	Banks Channel	Channel
6/19/2025	USACE LWF widener	Brunswick County	\$744,500.00	\$248,166.67	Lockwood Folly Inlet	Inlet
6/19/2025	CW53711 Surf City Banks Channel	Town of Surf City	\$5,770,163.83	\$1,923,387.94	Banks Channel	Channel
Total			\$21,043,211.38	\$6,828,232.81		

No match statutorily required.<sup>1</sup>

## North Carolina Aquatic Weed Control Program

The following is a list of the aquatic weed control projects included on the 2024-2025 work plan:

Project Type	Project sub-type	Cooperator	Project	Proposed State Funding Amount (SDNCD&AW Fund)	Proposed Cooperator Funding Amount (matching funds)	Description
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Eno River	\$ 41,000.00	\$ 41,000.00	herbicide applications
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Eno River	\$ 3,000.00	\$ 3,000.00	project support
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Jordan Lake - Folkners Branch	\$ 2,500.00	\$ 2,500.00	grass carp barrier
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Jordan Lake - Folkners Branch	\$ 700.00	\$ 700.00	90 grass carp
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Lake Gaston	\$ 75,000.00	\$ 75,000.00	herbicide applications
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Lake Norman	\$ 3,000.00	\$ 3,000.00	750 grass carp
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Lake Norman	\$ 7,500.00	\$ 7,500.00	herbicide applications
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Lake Norman	\$ 9,200.00	\$ 9,200.00	lake-wide survey
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Mountain Island Reservoir	\$ 600.00	\$ 600.00	150 grass carp
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Mountain Island Reservoir	\$ 3,000.00	\$ 3,000.00	survey
Aquatic Weeds	Hydrilla	multiple cooperators (see below)	Lake Wylie	\$ 3,000.00	\$ 3,000.00	herbicide
Aquatic Weeds	Hydrilla	Brookfield Smoky Mountain Hydropower	Lake Santeetlah	\$ 2,500.00	\$ 2,500.00	lake-wide survey
Aquatic Weeds	Hydrilla	Cary, Town of	Jordan Lake	\$ 46,500.00	\$ 46,500.00	herbicide applications
Aquatic Weeds	Hydrilla	Chowan Soil & Water	Harris Landing	\$ 350.00	\$ 350.00	herbicide applications
Aquatic Weeds	Hydrilla	Chowan Soil & Water	Old Ferry Rd.	\$ 450.00	\$ 450.00	herbicide applications
Aquatic Weeds	Hydrilla	Chowan Soil & Water	Chowan River sites	\$ 550.00	\$ 550.00	monitoring
Aquatic Weeds	Hydrilla	Chowan Soil & Water	Cape Colony	\$ 250.00	\$ 250.00	monitoring
Aquatic Weeds	Hydrilla	Cube Hydro	Badin Lake	\$ 2,875.00	\$ 2,875.00	lake-wide survey
Aquatic Weeds	Hydrilla	Cube Hydro	Badin subimpoundments	\$ 500.00	\$ 500.00	survey
Aquatic Weeds	Hydrilla	Cube Hydro	Falls Reservoir	\$ 500.00	\$ 500.00	survey
Aquatic Weeds	Hydrilla	Cube Hydro	High Rock Lake	\$ 4,000.00	\$ 4,000.00	herbicide applications
Aquatic Weeds	Hydrilla	Cube Hydro	High Rock Lake	\$ 2,875.00	\$ 2,875.00	survey
Aquatic Weeds	Hydrilla	Cube Hydro	Tuckertown Lake	\$ 2,300.00	\$ 2,300.00	lake-wide survey
Aquatic Weeds	Hydrilla	Duke Energy	Lake Tillery	\$ 3,000.00	\$ 3,000.00	lake-wide survey
Aquatic Weeds	Hydrilla	Duke Energy	Lake Tillery	\$ 15,000.00	\$ 15,000.00	3,688 grass carp
Aquatic Weeds	Hydrilla	Duke Energy	Lake Tillery	\$ 21,750.00	\$ 21,750.00	herbicide applications
Aquatic Weeds	Hydrilla	Duke Energy	Lake James	\$ 7,000.00	\$ 7,000.00	2,245 grass carp
Aquatic Weeds	Hydrilla	Duke Energy	Shearon Harris Lake	\$ 1,400.00	\$ 1,400.00	lake-wide survey
Aquatic Weeds	Hydrilla	Edenton, Town of	Filbert's Creek	\$ 500.00	\$ 500.00	monitoring
Aquatic Weeds	Hydrilla	Edenton, Town of	Queen Anne's Creek	\$ 500.00	\$ 500.00	monitoring
Aquatic Weeds	Hydrilla	Fayetteville, City of	Mintz Pond	\$ 4,000.00	\$ 4,000.00	herbicide applications
Aquatic Weeds	Hydrilla	Fayetteville, City of	Mintz Pond	\$ 400.00	\$ 400.00	lake-wide survey
Aquatic Weeds	Hydrilla	Four Oaks, Town of	Holt Lake	\$ 7,500.00	\$ 7,500.00	herbicide applications
Aquatic Weeds	Hydrilla	Four Oaks, Town of	Holt Lake	\$ 575.00	\$ 575.00	lake-wide survey
Aquatic Weeds	Hydrilla	Lewisville, Town of	Falmouth Lake	\$ 200.00	\$ 200.00	survey
Aquatic Weeds	Hydrilla	Lewisville, Town of	Marblehead Lake	\$ 200.00	\$ 200.00	survey
Aquatic Weeds	Hydrilla	NC Parks & Recreation	Lake Waccamaw	\$ 15,000.00	\$ 15,000.00	herbicide applications
Aquatic Weeds	Hydrilla	NC Parks & Recreation	Lake Waccamaw	\$ 3,000.00	\$ 3,000.00	lake-wide survey

Project Type	Project sub-type	Cooperator	Project	Proposed State Funding Amount (SDNCD&AW Fund)	Proposed Cooperator Funding Amount (matching funds)	Description
Aquatic Weeds	Hydrilla	NC Parks & Recreation	Morrow Mountain	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Hydrilla	NC Parks & Recreation	William B. Umstead	\$ 3,750.00	\$ 3,750.00	herbicide applications
Aquatic Weeds	Hydrilla	NC Parks & Recreation	William B. Umstead	\$ 250.00	\$ 250.00	lake-wide surveys
Aquatic Weeds	Hydrilla	NC State University	Lake Raleigh	\$ 4,000.00	\$ 4,000.00	herbicide applications
Aquatic Weeds	Hydrilla	NC State University	Yates Millpond	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Hydrilla	NC State University	Roanoke Rapids Lake	\$ 2,300.00	\$ 2,300.00	survey
Aquatic Weeds	Hydrilla	NC WRC - Division of Inland Fisheries	Lake Rim	\$ 2,000.00	\$ 2,000.00	herbicide
Aquatic Weeds	Hydrilla	NC WRC - Division of Inland Fisheries	Lake Rim	\$ 400.00	\$ 400.00	survey
Aquatic Weeds	Hydrilla	New Hanover County	Gordon Road Station	\$ 750.00	\$ 750.00	herbicide
Aquatic Weeds	Hydrilla	Orange County	Eno River watershed	\$ 1,000.00	\$ 1,000.00	199 grass carp
Aquatic Weeds	Hydrilla	Orange County	Eno River watershed	\$ 4,300.00	\$ 4,300.00	herbicide applications
Aquatic Weeds	Hydrilla	Orange County	Eno River watershed	\$ 3,850.00	\$ 3,850.00	surveys
Aquatic Weeds	Hydrilla	Orange Water & Sewer Authority	Cane Creek Reservoir	\$ 8,500.00	\$ 8,500.00	2,070 grass carp
Aquatic Weeds	Hydrilla	Orange Water & Sewer Authority	Cane Creek Reservoir	\$ 8,000.00	\$ 8,000.00	herbicide applications
Aquatic Weeds	Hydrilla	Orange Water & Sewer Authority	Cane Creek Reservoir	\$ 1,000.00	\$ 1,000.00	survey
Aquatic Weeds	Hydrilla	Oxford, City of	Lake Devin	\$ 500.00	\$ 500.00	survey
Aquatic Weeds	Hydrilla	Raleigh, City of	Lake Benson	\$ 150.00	\$ 150.00	20 grass carp
Aquatic Weeds	Hydrilla	Raleigh, City of	Lake Benson	\$ 8,250.00	\$ 8,250.00	herbicide applications
Aquatic Weeds	Hydrilla	Rocky Mount Parks & Recreation	City Lake Park	\$ 250.00	\$ 250.00	survey
Aquatic Weeds	Hydrilla	Reidsville, City of	Lake Hunt	\$ 500.00	\$ 500.00	survey
Aquatic Weeds	Hydrilla	Reidsville, City of	Lake Reidsville	\$ 1,250.00	\$ 1,250.00	survey & herbicide
Aquatic Weeds	Hydrilla	US Army Corps of Engineers	Jordan tailrace	\$ 750.00	\$ 750.00	herbicide applications
Aquatic Weeds	Hydrilla	Whispering Pines, Village of	Thagard Lake	\$ 500.00	\$ 500.00	survey
Aquatic Weeds	Hydrilla	White Lake, Town of	White Lake	\$ 2,760.00	\$ 2,760.00	lake-wide survey
Aquatic Weeds	Hydrilla	Wilson, City of	Buckhorn Lake	\$ 300.00	\$ 300.00	herbicide applications
Aquatic Weeds	Hydrilla	Wilson, City of	Buckhorn Lake	\$ 1,300.00	\$ 1,300.00	lake-wide survey
Aquatic Weeds	Alligatorweed	Camden County	Joyce Creek DD	\$ 250.00	\$ 250.00	herbicide applications
Aquatic Weeds	Alligatorweed	Camden County	Hales Lake Ditch	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Alligatorweed	Camden County	Pasquotank River	\$ 150.00	\$ 150.00	monitoring
Aquatic Weeds	Alligatorweed	Camden County	Bell Farm Ditch	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Alligatorweed	Chowan Soil & Water	Dillard's Millpond	\$ 700.00	\$ 700.00	herbicide applications
Aquatic Weeds	Alligatorweed	Chowan Soil & Water	Cape Colony - Canals	\$ 250.00	\$ 250.00	herbicide applications
Aquatic Weeds	Alligatorweed	Currituck County	Drainage ditches	\$ 4,000.00	\$ 4,000.00	herbicide applications
Aquatic Weeds	Alligatorweed	Dare County	HWY 64 drainage canals	\$ 1,000.00	\$ 1,000.00	herbicide applications
Aquatic Weeds	Alligatorweed	Fayetteville, City of	BMP-25 structure	\$ 100.00	\$ 100.00	herbicide applications
Aquatic Weeds	Alligatorweed	Jones County	Trent River	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Alligatorweed	Nags Head, Town of	Stormwater drainage	\$ 1,500.00	\$ 1,500.00	herbicide applications
Aquatic Weeds	Alligatorweed	NC Division of Coastal Management	Buckridge Coastal Reserve (NW Fork & Alligator River)	\$ 1,250.00	\$ 1,250.00	herbicide applications
Aquatic Weeds	Alligatorweed	NC WRC - Land & Water Access	Northeast NC Waterfowl Habitat Improvement	\$ 1,550.00	\$ 11,900.00	herbicide applications
Aquatic Weeds	Alligatorweed	High Point, City of	City Lake	\$ 11,250.00	\$ 11,250.00	herbicide applications
Aquatic Weeds	Alligatorweed	High Point, City of	Oak Hollow Lake	\$ 3,750.00	\$ 3,750.00	herbicide applications

Project Type	Project sub-type	Cooperator	Project	Proposed State Funding Amount (SDNCD&AW Fund)	Proposed Cooperator Funding Amount (matching funds)	Description
Aquatic Weeds	Alligatorweed	Pasquotank County	Newland Drainage Canal	\$ 1,000.00	\$ 1,000.00	herbicide applications
Aquatic Weeds	Alligatorweed	Pasquotank County	Pasquotank River	\$ 250.00	\$ 250.00	herbicide applications
Aquatic Weeds	Alligatorweed	Pasquotank County	Pinelakes Canal System	\$ 250.00	\$ 250.00	herbicide applications
Aquatic Weeds	Alligatorweed	Perquimans County	Nicanor Drainage Area	\$ 1,500.00	\$ 1,500.00	herbicide applications
Aquatic Weeds	Alligatorweed	Raleigh, City of	Lake Benson, Lake Wheeler, Simpkins Lake, Falls Lake	\$ 8,800.00	\$ 8,800.00	herbicide applications
Aquatic Weeds	Alligatorweed	Rocky Mount, City of	Tar River Reservoir	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Alligatorweed	Wilson, City of	Lake Wilson	\$ 1,750.00	\$ 1,750.00	herbicide applications
Aquatic Weeds	Egeria densa	Fayetteville, City of	BMP-17 structure	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Creeping Water Primrose	Piedmont Triad Regional Water Authority	Randleman Reservoir	\$ 2,000.00	\$ 2,000.00	herbicide applications
Aquatic Weeds	Creeping Water Primrose	NC Parks & Recreation	Crowders Mountain	\$ 1,000.00	\$ 1,000.00	herbicide applications
Aquatic Weeds	Creeping Water Primrose	Wilson, City of	Toisnot Lake	\$ 250.00	\$ 250.00	herbicide applications
Aquatic Weeds	Parrotfeather	Duke Energy	Lake Hickory	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Parrotfeather	Duke Energy	Lake Norman	\$ 4,000.00	\$ 4,000.00	herbicide applications
Aquatic Weeds	Parrotfeather	Duke Energy	Lookout Shoals	\$ 2,500.00	\$ 2,500.00	herbicide applications
Aquatic Weeds	Parrotfeather	Duke Energy	Mt. Island Lake	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Parrotfeather	NC Parks & Recreation	Merchants Milpond	\$ 500.00	\$ 500.00	survey
Aquatic Weeds	Parrotfeather	NC Parks & Recreation	Merchants Milpond	\$ 7,000.00	\$ 7,000.00	herbicide applications
Aquatic Weeds	Parrotfeather	NC Parks & Recreation	Occonechee Mountain	\$ 700.00	\$ 700.00	monitoring & herbicide
Aquatic Weeds	Eusian milfoil	Kill Devil Hills, Town of	Kitty Hawk Bay	\$ 4,750.00	\$ 4,750.00	herbicide / survey
Aquatic Weeds	Eusian milfoil	Southern Shores, Town of	Jean Guitte Creek/Canals	\$ 20,000.00	\$ 20,000.00	herbicide applications
Aquatic Weeds	Phragmites	Camden County	One Mill Park	\$ 400.00	\$ 400.00	herbicide applications
Aquatic Weeds	Phragmites	Nags Head, Town of	Glidden St. outfall ditch	\$ 300.00	\$ 300.00	herbicide applications
Aquatic Weeds	Phragmites	Nags Head, Town of	Finch St. outfall ditch	\$ 300.00	\$ 300.00	herbicide applications
Aquatic Weeds	Phragmites	NC Aquariums	Jennette's Pier wastewater basin	\$ 500.00	\$ 500.00	herbicide applications
Aquatic Weeds	Phragmites	NC Parks & Recreation	Carolina Beach S.P.	\$ 5,000.00	\$ 5,000.00	herbicide applications
Aquatic Weeds	Phragmites	NC Parks & Recreation	Dismal Swamp S.P.	\$ 3,000.00	\$ 3,000.00	survey & herbicide & applications
Aquatic Weeds	Phragmites	NC Parks & Recreation	Fort Fisher S.P.	\$ 3,000.00	\$ 3,000.00	herbicide applications
Aquatic Weeds	Phragmites	NC Parks & Recreation	Goose Creek S.P.	\$ 5,000.00	\$ 5,000.00	herbicide applications
Aquatic Weeds	Phragmites	NC Parks & Recreation	Hammocks Beach S.P.	\$ 250.00	\$ 250.00	survey & herbicide applications
Aquatic Weeds	Phragmites	NC Parks & Recreation	Jockeys Ridge S.P.	\$ 250.00	\$ 250.00	herbicide purchase
Aquatic Weeds	Phragmites	NC Parks & Recreation	Pettigrew S.P.	\$ 15,000.00	\$ 15,000.00	herbicide applications
Aquatic Weeds	Phragmites	NC Parks & Recreation	Run Hill	\$ 2,000.00	\$ 2,000.00	survey
Aquatic Weeds	Giant Salvinia	Columbus County	Gapway swamp	\$ 61,000.00	\$ 61,000.00	herbicide applications
Aquatic Weeds	Giant Salvinia	Columbus County	Gapway swamp	\$ 10,000.00	\$ 10,000.00	misc. fieldwork
Aquatic Weeds	Research	NC State University	Gapway swamp	\$ 15,000.00	\$ 15,000.00	Environmental Aspects of Noxious Aquatic Weed Management
				<b>\$ 556,285.00</b>	<b>\$ 566,635.00</b>	

MULTI-COOPERATOR PROJECTS	
Project	Cooperators
Eno River	NC Parks, Orange Co., Durham Co., City of Durham, Town of Hillsborough
Jordan Lake - Folkners Branch	NC WRC, USACE
Lake Gaston	Halifax Co., Northampton Co., Warren Co., Dominion Power
Lake Norman	Lake Norman Marine Commission, Charlotte Water, Duke Energy
Lake Norman GC Survivorship Study	NC WRC, Lake Norman Marine Commission, Charlotte Water, Duke Energy

Lake Wylie	Duke Energy, Catawba Wateree Water Management Group
Mountain Island Reservoir	Duke Energy, Charlotte Water, Charlotte-Mecklenburg Stormwater