



NORTH CAROLINA  
Environmental Quality

ROY COOPER  
Governor

ELIZABETH S. BISER  
Secretary

RICHARD E. ROGERS, JR.  
Director

March 1, 2023

Representative Jimmy Dixon, Co-Chair  
Senator Brent Jackson, Co-Chair  
Joint Legislative Oversight Committee on Agriculture and Natural and Economic Resources  
16 W. Jones Street Raleigh, North Carolina 27601

Re: Reports on Water Resources Development Funds

Dear President Pro Tempore Berger and Speaker Moore:

The North Carolina General Assembly appropriates funds to the Department of Environmental Quality to provide the state share of the cost of water resources development projects being constructed or maintained across the state. The law appropriating these funds requires the Department to make semi-annual reports on expenditures for this purpose. Attached is a table outlining the Water Resources Development Grant projects' projected start and completion dates, and obligated funds covering the first and second quarters of FY 2022-2023. The projects start and completion dates are based on funds availability by the federal partners. Attachment 1 outlines the State and Local program's projects, partners, award amounts, expenditures, and encumbered funds. Attachment 2 provides the projects, project partners, expenditures, and encumbered funds for the Environmental Quality Improvement Program (EQIP).

These reports were prepared by the Division of Water Resources in the Department of Environmental Quality. If you have questions about these reports, please contact Kevin Hart at 919-707-3607 or [Kevin.Hart@ncdenr.gov](mailto:Kevin.Hart@ncdenr.gov)  
Sincerely,

Kevin Hart

AM/cc

Enclosures

cc: NCDEQ Office of the Secretary  
NCDEQ Division of Water Resources  
NCGA Fiscal Research  
Office of the Governor



North Carolina Department of Environmental Quality | Division of Water Resources  
512 N. Salisbury Street | Raleigh, North Carolina 27699-1617  
919-707-9000

Project Name	Est. Start Date <sup>C</sup>	Est. Completion Date <sup>C</sup>	Project Code <sup>G</sup>	Credits	Carryforward/ Reprogrammed Funds <sup>F</sup>	Expend. To Date	Obligated Funds
Princeville Flood Damage Reduction (Pre-Const./Design/Construction)	FY 22-23	TBD <sup>F</sup>	2R08		\$ 13,860,000.00		\$ 13,860,000.00
Carolina Beach CSDR	FY 23-24	FY 23-24	2R07		\$ 2,733,333.00		\$ 2,733,333.00
Kure Beach CSDR	FY 24-25	FY 24-25	2R07		\$ 4,872,798.37		\$ 4,872,798.37
Wrightsville Beach CSDR	FY 18-19	FY 22-23	2R07		\$ 5,744,201.01		\$ 5,744,201.01
Ocean Isle Beach CSDR	FY 24-25	FY 24-25	2R07		\$ 1,506,831.00		\$ 1,506,831.00
Planning Assistance to Communities	FY 18-19	FY 22-23	2R09		\$ 244,613.00		\$ 244,613.00
Wilmington Harbor DA Maintenance	FY 18-19	FY 22-23	2R10		\$ 7,507,361.00		\$ 7,507,361.00
Morehead City Maintenance	FY 22-23	FY 23-24	2R10		\$ 1,980,627.09		\$ 1,980,627.09
Surf City/North Topsail CSDR (Pre-Const./Design)	FY 21-22	FY 22-23	2R07		\$ 41,574,000.00		\$ 41,574,000.00
Dan River Regional Water Supply	FY 20-21	FY 22-23	2R05		\$ 34,000.00		\$ 34,000.00
Bogue Banks CSDR (Pre-Const./Design/Construction) <sup>H</sup>	FY 24-25		2R08		\$ 2,567,320.00		\$ 2,567,320.00
Concord Streams – Ecosystem Restoration, Section 206 CAP	FY 22-23	FY 22-23	2R09		\$ 1,023,000.00		\$ 1,023,000.00
Lumberton Flood Damage Reduction	FY 18-19	FY 22-23	2R08		\$ 125,000.00		\$ 125,000.00
B. Everette Jordan Reservoir Water Supply <sup>I</sup>	FY 18-19	FY 23-24	2R05		\$ 1,563,600.59	\$ 115,712.73	\$ 1,447,887.86
State-Local Projects <sup>A,K</sup>	FY 19-20	FY 24-25	2R01		\$ 6,906,631.00	\$ 950,031.40	\$ 5,417,740.49
NRCS EQIP <sup>B,K</sup>	FY 20-21	FY 24-25	2R02		\$ 2,164,966.00	\$ 1,178,101.30	\$ 1,559,119.70
Special Appropriations <sup>I</sup>	FY 19-20	FY 23-24	2R03	\$ -	\$ 2,274,117.00	\$ 170,427.40	\$ 1,703,396.92
Manteo Old House Channel	FY 23-24	FY 23-24	2R09		\$ 2,700,000.00		\$ 2,700,000.00
<b>Totals</b>				\$ -	\$ 99,382,399.06	\$ 2,414,272.83	\$ 96,601,229.44

<sup>A</sup>See Attachment 1 - State/Local grant recipients.

<sup>B</sup>See Attachment 2 - NRCS-EQIP grant recipients.

<sup>C</sup>Estimated Start and Completion dates if Federal funding is available.

<sup>F</sup>Carryforward/Reprogrammed Funds from FY 2021-2022

<sup>G</sup>Project Codes for FY 21-22 have moved to 2R## codes.

<sup>H</sup>Funds will be reprogrammed to another project.

<sup>I</sup>See Attachment 3 - Special Appropriations

<sup>J</sup>Expenditure request submitted in January 2023.

<sup>K</sup>Available balance includes only encumbered funds.

<sup>F</sup>To be determined by updated models.

Project Name	Project Sponsor	County	Application Cycle	Award Amount	Expenditures 1st/2nd Quarter FY22-23	Expenditures To Date	Current Encumbrance Balance	Total Grant Payment	Commitment Completed	Grant Contract #	Start Date	End Date
Bakersville Creekwalk Restoration	Mitchell County Soil and Water Conservation District	Mitchell	2019S	\$185,000.00	\$0.00	\$0.00	\$185,000.00	TBD		CW18289	2/1/21	1/23/24
Bat Fork Stream Restoration Feasibility Study	Henderson County Soil and Water Conservation District	Henderson	2020F	\$6,000.00	\$6,000.00	\$6,000.00	\$0.00	\$6,000.00	✓	CW22131	7/1/21	6/30/23
Battle Park Renovations	City of Rocky Mount	Edgecombe	2019F	\$199,873.00	\$0.00	\$7,100.00	\$192,773.00	TBD		CW18356	2/15/21	2/2/23
Beechtree HOA UT Black Creek Stream Restoration	Wake Soil and Water Conservation District	Wake	2019S	\$75,000.00	\$0.00	\$0.00	\$75,000.00	TBD		CW18326	2/16/21	2/2/24
Beeson Creek Phase 3 Stream Restoration	Town of Kernersville	Forsyth	2021S	\$100,000.00	\$0.00	\$0.00	\$100,000.00	TBD		CW24462	11/18/21	12/1/23
Boone Creek - Peacock Lot ASU Feasibility Study	Town of Boone	Watauga	2019S	\$20,000.00	\$0.00	\$0.00	\$20,000.00	TBD		CW18278	3/3/21	3/1/23
Broad River Paddle Trail US 221A Duke Energy Access	Rutherford County Tourism Development Authority	Rutherford	2019F	\$75,000.00	\$0.00	\$0.00	\$75,000.00	TBD		CW18430	2/4/21	2/3/23
Broad River Paddle Trail- US221/Duke Energy Access	Rutherford County Tourism Development Authority	Rutherford	2019S	\$50,000.00	\$0.00	\$0.00	\$50,000.00	TBD		CW18276	2/4/21	1/16/23
Brooks Creek at Saralyn Culvert Replacement & Stream Restoration	Triangle J Council of Governments	Chatham	2021S	\$199,885.00	\$0.00	\$0.00	\$199,885.00	TBD		CW24474	12/14/21	12/31/23
Buncombe Hominy Creek Project	Buncombe Soil and Water Conservation District	Buncombe	2019F	\$84,000.00	\$0.00	\$0.00	\$84,000.00	TBD		CW18528	2/10/21	2/1/24
Cambridge Grove Stream Restoration	Mecklenburg Soil and Water Conservation District	Mecklenburg	2019F	\$130,000.00	\$0.00	\$0.00	\$130,000.00	TBD		CW22133	8/4/21	6/30/23
Carter Falls Bridge MST	Wilkes County	Wilkes	2018S	\$150,000.00	\$0.00	\$53,100.00	\$96,900.00	TBD		7830	5/8/19	5/2/23
Clear Creek Greenway	City of Hendersonville	Henderson	2019S	\$150,000.00	\$0.00	\$0.00	\$150,000.00	TBD		CW18280	2/12/21	2/2/23
Cub Creek Headwaters Project	Town of Wilkesboro	Wilkes	2018F	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		7963	6/17/19	6/30/23
Dawson-Hunter Streets Stormwater Feasibility Study	City of Elizabeth City	Pasquotank	2021S	\$100,000.00	\$0.00	\$0.00	\$100,000.00	TBD		CW26477	5/10/22	3/15/24
Edenton 2019 Stormwater Improvements	Town of Edenton	Chowan	2018F	\$94,312.50	\$0.00	\$12,750.00	\$81,562.50	TBD		7971	6/17/19	6/30/23
Elk Shoals Streambank Stabilization at NERI Phase 2	High Country Council of Governments	Ashe	2020F	\$89,000.00	\$10,296.86	\$89,000.00	\$0.00	\$89,000.00	✓	CW21979	7/1/21	6/30/23
Elkin Raingarden	Town of Elkin	Surry	2019S	\$12,940.00	\$12,054.00	\$12,054.00	\$0.00	\$12,054.00	✓	CW18266	5/12/21	2/23/23
Enola Wetlands Area at Patton High School	Burke County Public Schools	Burke	2019F	\$60,000.00	\$0.00	\$0.00	\$60,000.00	TBD		CW18448	3/8/21	2/25/24
Feasibility Planning for Rocky Branch Restoration Dix Park	City of Raleigh	Wake	2019F	\$150,000.00	\$0.00	\$0.00	\$150,000.00	TBD		CW18433	2/15/21	2/9/23
Grove Park - UTs Little Lick Creek Restoration Phase 2	Durham Soil & Water Conservation District	Durham	2019S	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		CW18328	3/3/21	2/12/23
Grove Park - UTs to Little Lick Creek Restoration Project - Phase 1 (Resubmittal)	Durham Soil & Water Conservation District	Durham	2018F	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		7949	8/26/19	8/18/23
Hickory YMCA Stream Restoration	Catawba County Soil & Water Conservation District	Catawba	2020F	\$46,398.00	\$0.00	\$0.00	\$46,398.00	TBD		CW22187	7/1/21	7/31/23
Holley Branch SR at Mayland CC Stream Restoration	Avery County Soil and Water Conservation District	Avery	2020F	\$173,000.00	\$0.00	\$0.00	\$173,000.00	TBD		CW21991	7/1/21	6/30/23
Ivy River Guthrie Site Stream Stabilization	Buncombe Soil and Water Conservation District	Buncombe	2019F	\$20,488.00	\$11,023.11	\$11,023.11	\$0.00	\$11,023.11	✓	CW18535	2/10/21	1/31/23
Lawndale Park on First Broad River	Cleveland County Water	Cleveland	2021S	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		CW24453	12/1/21	12/2/23
Lewis Creek Edneyville Community Center Stream Restoration	Edneyville Community Center Stream Restoration Project on Lewis Creek	Henderson	2020F	\$68,500.00	\$0.00	\$3,164.12	\$65,335.88	TBD		CW22129	7/1/21	6/30/23
Little Snow Creek Stream Restoration	Stokes Soil and Water Conservation District	Stokes	2020F	\$70,400.00	\$0.00	\$0.00	\$70,400.00	TBD		CW22166	7/1/21	6/30/23
Lower Jonathan Creek Feasibility Study	Haywood Soil & Water Conservation District	Haywood	2021S	\$5,000.00	\$0.00	\$0.00	\$5,000.00	TBD		CW23861	11/2/21	11/5/23
Middle Fork Greenway Section 4	Watauga County	Watauga	2017S	\$200,000.00	\$20,000.00	\$200,000.00	\$0.00	\$200,000.00	✓	7397	1/1/18	12/2/22
Mill Pond Creek Restoration Rugby Middle School - Phase 2	Henderson Soil and Water Conservation District	Henderson	2019S	\$71,600.00	\$0.00	\$0.00	\$71,600.00	TBD		CW18316	2/19/21	2/18/23
Mills River Park Stream Repair & Improvement	Town of Mills River	Henderson	2019S	\$75,000.00	\$8,882.76	\$20,779.82	\$54,220.18	TBD		CW18274	2/12/21	1/16/23
Moccasin Creek Feasibility Study	Johnston County Commissioners	Johnston	2021S	\$25,000.00	\$0.00	\$0.00	\$25,000.00	TBD		CW24602	1/24/22	1/10/24
Permeable Paver Watershed Project	New River Soil and Water Conservation District	Ashe	2020F	\$120,788.00	\$0.00	\$40,476.87	\$80,311.13	TBD		CW24464	11/19/21	11/24/23
Prairie Ridge Ecotastion Cistern	Wake Soil and Water Conservation District	Wake	2021S	\$25,000.00	\$0.00	\$0.00	\$25,000.00	TBD		CW24466	2/22/22	12/31/23
Riverside High School Innovative Stormwater Retrofits (2018S Resubmittal)	Durham Soil & Water Conservation District	Durham	2021S	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		CW26475	4/5/22	3/24/24
Riverside Park Improvements & Expansion - Phase 1	Town of Woodfin	Buncombe	2020F	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		CW22655	7/30/21	6/30/23
Rock Creek Streambank Stabilization	Guilford County	Guilford	2019F	\$26,975.00	\$7,783.20	\$7,783.20	\$19,191.80	TBD		CW18541	6/11/21	4/16/23
Silverstein Park Norton Creek Streambank Restoration	City of Brevard	Transylvania	2020F	\$95,000.00	\$0.00	\$0.00	\$95,000.00	TBD		CW21988	9/2/21	7/31/23

Southside Community Stormwater	Asheville Housing Authority	Buncombe	2021S	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		CW24458	2/14/22	1/5/24
Swannanoa River Restoration at Veterans Park	Town of Black Mountain	Buncombe	2019F	\$74,000.00	\$0.00	\$0.00	\$74,000.00	TBD		CW18533	6/1/21	2/18/23
Tall Glass of Water Access Phase I	Bertie County	Bertie	2021S	\$197,226.00	\$0.00	\$0.00	\$197,226.00	TBD		CW24460	11/18/21	12/1/23
Tall Glass of Water Access Phase I - Shoreline Stabilization	Bertie County	Bertie	2021S	\$113,198.00	\$0.00	\$0.00	\$113,198.00	TBD		CW25626	3/24/22	3/21/24
Tar-Pamlico River Water Trail - Port Terminal Road Access	City of Greenville	Pitt	2018S	\$9,950.00	\$9,950.00	\$9,950.00	\$0.00	\$9,950.00	✓	7824	4/4/19	4/4/22
Three Top Creek Streambank Stabilization	New River Soil and Water Conservation District	Ashe	2020F	\$48,500.00	\$0.00	\$0.00	\$48,500.00	TBD		EP5150526	9/2/21	7/31/23
Todd Island Park Stream Restoration Project- Phase II	New River SWCD	Ashe	2019F	\$70,850.00	\$0.00	\$69,611.00	\$1,239.00	TBD		CW18384	3/24/21	2/3/23
Upper Jonathan Creek - Maggie Valley Feasibility Study	Haywood Soil & Water Conservation District	Haywood	2021S	\$25,000.00	\$0.00	\$0.00	\$25,000.00	TBD		CW23857	11/8/21	10/31/23
UT Perry Crk SR and BMP Retrofit at Durant Nature Park	UT Perry Creek Restoration and Spottswood St BMP Retrofit at Durant Nature Park	Wake	2021S	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		CW24456	3/17/22	3/24/24
UT to Chinquapin Creek Stream Restoration Phase I (2016S Contract Renewal)	Town of Pilot Mountain	Surry	2016S	\$300,000.00	\$15,750.00	\$30,750.00	\$269,250.00	TBD		CW20508	5/4/21	5/1/23
UTs to Grassy Creek PIMO Corridor Section Stream Restoration	Surry Soil & Water Conservation District	Surry	2019S	\$100,000.00	\$90,000.00	\$90,000.00	\$10,000.00	TBD		CW18564	5/12/21	2/8/23
Veterans Park Streambank Stabilization & Enhancement	Alleghany County Soil and Water Conservation District	Alleghany	2021S	\$170,750.00	\$0.00	\$0.00	\$170,750.00	TBD		CW24648	12/13/21	12/14/23
Walnut Creek Wetland Park Boardwalk and Education Pavilion	City of Raleigh	Wake	2018F	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		7951	8/9/19	8/11/23
Walnut Creek Wetland Park Subsurface Gravel Wetland	City of Raleigh	Wake	2019F	\$129,577.00	\$1,000.00	\$106,577.00	\$23,000.00	TBD		CW18358	2/10/21	2/9/23
White Lake Multi-Use Path Project (Phase II)	Town of White Lake	Bladen	2019F	\$200,000.00	\$0.00	\$0.00	\$200,000.00	TBD		CW18364	2/4/21	2/3/23
Whittaker Point Restoration Project - Phases I & II	Town of Oriental	Pamlico	2018S	\$200,000.00	\$0.00	\$134,912.28	\$0.00	\$134,912.28	✓	7766	2/1/19	1/2/22
Whittington Park Stream Restoration	Wake Soil and Water Conservation District	Wake	2019F	\$50,000.00	\$24,335.02	\$45,000.00	\$5,000.00	TBD		CW18493	3/1/21	2/18/23
<b>Totals:</b>				<b>\$6,443,210.50</b>	<b>\$217,074.95</b>	<b>\$950,031.40</b>	<b>\$5,417,740.49</b>					

Project Name	Project Sponsor	County	Application Cycle	Award Amount	Expenditures 1st/2nd Quarter FY22-23	Expend. To Date	Current Encumbrance Balance	Final Cost	Commitment Completed	Grant Contract #	Start Date	End Date
Cane Creek at Nesbitt Wilson Bradshaw Stream Restoration	Buncombe SWCD, Resource Institute (Co Applicant)	Buncombe	2020F	\$303,630.00	\$0.00	\$0.00	\$303,630.00	TBD		CW30763	10/13/22	9/23/24
Cedar Creek at Jones and Sams Stream Restoration	Rutherford SWCD, Resource Institute (Co Applicant)	Rutherford	2019S	\$148,697.00	\$34,000.00	\$50,157.00	\$98,540.00	TBD		CW23678	11/18/21	11/2/23
Christian Creek at Chestnut Woods LLC Stream Restoration	Surry SWCD, Resource Institute (Co-Applciant)	Surry	2020F	\$175,250.00	\$0.00	\$0.00	\$175,250.00	TBD		CW28057	6/6/22	5/12/24
Cleghorn Creek 2 at Hudson Stream Restoration	Rutherford SWCD, Resource Institute (Co Applicant)	Rutherford	2018S	\$60,738.00	\$23,845.00	\$60,738.00	\$0.00	\$60,738.00	✓	7776	5/14/19	2/26/23
Cleghorn Creek at Camp Stream Restoration	Rutherford SWCD, Resource Institute (Co Applicant)	Rutherford	2018S	\$59,535.00	\$26,826.00	\$59,535.00	\$0.00	\$59,535.00	✓	7774	5/21/19	2/26/23
Cove Creek at R Brown Stream Restoration	Watauga SWCD, Resource Institute (Co-applciant)	Watauga	2020F	\$211,101.00	\$59,130.00	\$59,130.00	\$151,971.00	TBD		CW28120	5/6/22	5/12/24
Davis on Little Pine Creek Stream Restoration	Alleghany SWCD, BREC (Co-applciant)	Alleghany	2019S	\$92,761.00	\$92,761.00	\$92,761.00	\$0.00	\$92,761.00	✓		8/11/21	8/30/23
Floyd on Roan Creek Stream Restoration	New River SWCD, BREC (Co Applicant)	Ashe	2019F	\$148,517.00	\$0.00	\$111,617.00	\$36,900.00	TBD		CW19766	6/29/21	6/29/23
Foster Creek at Battle and Bryson Stream Restoration	Henderson SWCD, Resource Institute (Co Applicant)	Henderson	2019S	\$250,848.00	\$91,985.00	\$250,848.00	\$0.00	\$250,848.00	✓		3/26/21	3/25/23
Graham on Elk Creek Stream Restoration	New River SWCD, BREC (Co Applicant)	Ashe	2019F	\$189,217.00	\$0.00	\$141,913.00	\$47,304.00	TBD		CW19024	7/12/21	2/28/23
Gravelly Creek at Wilson Decker Stream Restoration & Dam Removal	Buncombe SWCD, Resource Institute (Co Applicant)	Buncombe	2020F	\$164,799.00	\$0.00	\$0.00	\$164,799.00	TBD		CW30765	9/22/22	9/20/24
Hodges Creek at Cail Stream Restoration	Surry SWCD, Resource Institute (Co Applicant)	Surry SWCD	2017S	\$146,247.00	\$29,367.45	\$131,622.30	\$14,624.70	TBD		7667	1/30/20	11/15/22
Swannanoa River at Hutchison Stream Restoration	Buncombe SWCD, Resource Institute (Co Applicant)	Buncombe	2019S	\$242,308.00	\$0.00	\$0.00	\$242,308.00	TBD		CW23579	10/27/21	10/31/23
UT Cooks Creek at Griffith Stream Restoration	Surry SWCD, Resource Institute (Co Applicant)	Surry	2019S	\$110,663.00	\$24,000.00	\$24,000.00	\$86,663.00	TBD		CW23564	2/1/22	2/2/23
UT Second Broad River at Conley Stream Restoration	Rutherford SWCD, Resource Institute (Co Applicant)	Rutherford	2019S	\$181,982.00	\$38,000.00	\$146,780.00	\$35,202.00	TBD		CW23556	11/18/21	11/2/23
UT to Crab Creek at Reynolds Stream Restoration	Henderson SWCD, Resource Institute (Co Applicant)	Henderson	2019S	\$90,828.00	\$40,000.00	\$40,000.00	\$50,828.00	TBD		CW23583	10/28/21	10/31/23
Webbs Creek at Holland Stream Restoration	Rutherford SWCD, Resource Institute (Co-Applciant)	Rutherford	2020F	\$160,100.00	\$9,000.00	\$9,000.00	\$151,100.00	TBD		CW28054	7/13/22	7/11/24
<b>Totals:</b>				<b>\$2,737,221.00</b>	<b>\$468,914.45</b>	<b>\$1,178,101.30</b>	<b>\$1,559,119.70</b>					

Attachment 3 - Special Appropriation Grant Recipients (Fund Code 2R03)

Report End Date: 12/30/22

Project Name	Project Sponsor	County	Application Cycle	Award Amount	Expenditures 3rd/4th Quarter FY21-22	Expenditures To Date	Current Encumbrance Balance	Final Cost	Commitment Completed	Grant Contract #	Start Date	End Date
Ararat River Phase VII Stream Restoration (2017S Contract Renewal)	City of Mount Airy	Surry	2017S	\$500,000.00	\$0.00	\$76,502.40	\$423,497.60	TBD		CW21377	8/10/21	6/30/23
Restoring Access to Historic Migratory Fish Habitat in the Cape Fear River Basin, Lock and Dam No. 2 and 3 (2015F Reissuance)	Bladen County	Bladen	2020S	\$1,373,824.32	\$22,020.00	\$93,925.00	\$1,279,899.32	TBD		CW18154	6/24/21	1/31/23
Rutherfordton Cleghorn Creek Stream Restoration	Town of Rutherfordton	Rutherford	2017S	\$500,000.00	\$0.00	\$0.00	\$0.00	TBD	✓	7395	2/12/18	2/11/22
<b>Totals:</b>				<b>\$2,373,824.32</b>	<b>\$22,020.00</b>	<b>\$170,427.40</b>	<b>\$1,703,396.92</b>					