

## Funding Actions Taken at February 28, 2018 Meeting of the State Water Infrastructure Authority on the Applications Submitted in September 2017 to the Division of Water Infrastructure

On September 29, 2017, the Division of Water Infrastructure (Division) received applications for funding for the Community Development Block Grant-Infrastructure (CDBG-I) grant program, Drinking Water State Revolving Fund (DWSRF) loan program, Drinking Water State Reserve (DWSR) program, Clean Water State Revolving Fund (CWSRF) loan program, and the Wastewater State Reserve (WWSR) program. On October 31, 2017, the Division of Water Infrastructure (Division) received applications for funding for the Community Development Block Grant-Infrastructure (CDBG-I) Hurricane Matthew grant program. Table 1 shows the amount of funding considered in applications that were complete and eligible, and the approximate amount of funding available by source.

The September 2017 application round was the final round to use funds from the Connect NC Bond. The State Water Infrastructure Authority (Authority) determined the eligibility of applications selected to receive funding from the available funding sources listed above. The approved funding provides the best funding available for a given project application and maximizes the utilization of Connect NC Bond loan funds.

**Table 1. September 2017 Application Summary**

Funding Program	No. Applications (*)	Approximate Amount of Funding Available / Type of Funds		Total Request (*)
Community Development Block Grant – Infrastructure	36	<ul style="list-style-type: none"> <li>• Hurricane Matthew Project Grant: \$10 million</li> <li>• CDBG-I Project Grant: \$12.4 million</li> </ul>		\$51.4 million
Drinking Water Projects	36	<ul style="list-style-type: none"> <li>• State Project Reserve Grant: \$19 million</li> <li>• State Project Reserve Loan: \$38.7 million</li> <li>• Drinking Water SRF Loan: \$65 million</li> </ul>	Reserve Appropriation Grant: \$6.3 million	\$163.8 million
Wastewater Projects	46	<ul style="list-style-type: none"> <li>• State Project Reserve Grant: \$6.2 million</li> <li>• State Project Reserve Loan: \$39.6 million</li> <li>• Clean Water SRF Loan: \$70 million</li> </ul>		\$216.2 million
Asset Inventory and Assessment (AIA) grants	176			\$23.4 million
Merger/Regionalization Feasibility (MRF) grants	5			\$235,000
<b>Totals</b>	<b>299</b>	<b>\$267.2 million</b>		

(\*) Number includes only complete and eligible applications

Table 2 shows a summary of the number of applications that were approved for funding and the amount of funding approved at the Authority's Feb. 28, 2018 meeting.

**Table 2. Summary of September 2016 Applications Approved for Funding on Feb. 28, 2018**

<b>Project Funding Program</b>	<b>No. of Applications Approved for Funding</b>	<b>Funding Amount</b>
CDBG-I grants:		
• Hurricane Matthew Projects	8	\$9,868,656
• Regular CDBG-I Projects	8	\$12,537,586
Drinking Water State Reserve loans and grants	28	\$53,031,763
Drinking Water State Revolving Fund (DWSRF) loans	10	\$65,852,837
Wastewater State Reserve loans and grants	22	\$44,573,993
Clean Water State Revolving Fund (CWSRF) loans	9	\$53,101,522
Asset Inventory and Assessment (AIA) grants	37	\$4,657,384
Merger/Regionalization Feasibility (MRF) grants	5	\$235,000
<b>Total</b>	<b>127</b>	<b>\$243,858,741</b>

Tables 3 through 10 list the projects, by program, determined by the Authority as eligible to receive funding.

**Table 3. Community Development Block Grant-Infrastructure (CDBG-I) Hurricane Matthew Project Funding Approved on Feb. 28, 2018**

<b>Project No.</b>	<b>Applicant Name</b>	<b>Project Name</b>	<b>Funding Amount</b>	<b>County</b>
1	Dublin	FY17 Water Line Replacement	\$640,500	Bladen
2	Fair Bluff	2017 Sewer Line Improvements	\$2,000,000	Columbus
3	Grantsboro	2017 Sewer System Extension Project	\$2,000,000	Pamlico
4	Garland	Water and Sewer Line Replacements	\$1,014,575	Sampson
5	Laurinburg	Produce Market Rd. Sewer Improvements	\$2,000,000	Scotland
6	Elizabeth City	Raw Water Transmission Main	\$903,581	Perquimans
7	Johnston Co.	Selma Equalization and WW Pump Station Flood Resiliency Improvements Project	\$1,060,000	Johnston
9	Bladenboro	Utility Systems Back-Up Power Supply	\$250,000	Bladen
<b>Total CDBG-I Hurricane Matthew Project Funding Approved:</b>			<b>\$9,868,656</b>	

**Table 4. Community Development Block Grant-Infrastructure (CDBG-I) Regular Project Funding Approved on Feb. 28, 2018**

Project No.	Applicant Name	Project Name	Funding Amount	County
1	Biscoe	Sanitary Sewer System Rehabilitation	\$1,865,000	Montgomery
2	Burnsville	Indian Trail/Meadow Drive Sewer Rehabilitation	\$1,100,000	Yancey
3	Mount Airy	Maple/Merritt Street Area Sewer Improvements	\$1,731,600	Surry
5	Columbia	2017 Sanitary Sewer Improvements	\$1,965,000	Tyrrell
6	Stoneville	Sanitary Sewer System Rehabilitation	\$1,300,000	Rockingham
7	Faison	2017 Sewer Line Improvements	\$1,311,515	Duplin
8	Lumberton	FY2017 Wastewater System Improvements	\$1,997,500	Robeson
9	Rich Square	Phase 2 Water System Improvements	\$1,266,971	Northampton
<b>Total CDBG-I Regular Project Funding Approved:</b>			<b>\$12,537,586</b>	

**Table 5. Drinking Water State Reserve (DWSR) Project Funding Approved on Feb. 28, 2018**

Proj. No.	Applicant Name	Project Name	Funding Amount – Bond Grant	Funding Amount – Loan	County
2	Maple Hill Water and Sewer District	Finished Water Supply Project	\$514,044	\$171,348	Pender
3	Stantonsburg	Stantonsburg Water System Improvements	\$310,000	\$310,000	Wilson
4	Pilot Mountain	Water Treatment Plant Upgrade	\$1,950,000	\$1,950,000	Surry
5	Lake Waccamaw	Public Water Supply Improv. (Wells #3 & #4)		\$1,226,475	Columbus
6	Pikeville	2017 Waterline Replacement	\$228,000	\$0	Wayne
8	Valdese	Water Plant Upgrades	\$210,692	\$632,078	Burke
9	Chowan County (*)	Valhalla WTP Backwash Solids Handling	\$2,140,500	\$0	Chowan
10	Henderson (*)	Kerr Lake Regional Water Treatment Plant Upgrade	\$3,000,000	\$0	Vance
12	Robbins	2018 Water System Improv.	\$312,120	\$312,120	Moore
13	Creswell	Water Treatment Plant Improv.	\$566,378	\$188,792	Washington
14	Plymouth	Water System Improvements	\$750,000	\$250,000	Washington
15	Kinston	Lawrence Heights Water Line Replacement	\$460,013	\$460,013	Lenoir
16	Beech Mountain	2018 Water System Rehab.	\$0	\$1,740,000	Watauga
17	Tuckaseegee Water & Sewer Authority	Cowan Valley Homeowner Assoc. Water System Consol.	\$0	\$323,040	Jackson
18	Greene County	2017 Water System SCADA Improvements	\$558,750	\$186,250	Greene

**Table 5. Drinking State Reserve (WWSR) Project Funding Approved on Feb. 28, 2018 – continued**

<b>Proj. No.</b>	<b>Applicant Name</b>	<b>Project Name</b>	<b>Funding Amount – Bond Grant</b>	<b>Funding Amount – Loan</b>	<b>County</b>
19	Taylorsville	Linneys Mountain Area Water System Improvements	\$74,100	\$222,300	Alexander
20	Warren County	Kerr Lake Regional Water Treatment Plant Upgrade	\$3,000,000	\$2,000,000	Warren
22	Mount Airy	Maple/Merritt Street Water Improvements	\$0	\$963,100	Surry
23	Pinetops	Well No. 4 Replacement	\$0	\$970,150	Edgecombe
24	McGees Crossroads Water District	NC 210 Water Main Improvements - Phase 2	\$0	\$2,139,000	Johnston
25	Smithfield	Water Treatment Plant Improvements	\$0	\$12,050,000	Johnston
26	Maysville	Radio Road Meters	\$0	\$157,000	Jones
28	Hendersonville	Northside Water System Improvements	\$0	\$2,617,500	Henderson
29	Southeastern Wayne Sanitary District	2017 Water System Improv. - Country Club and Genoa Loops	\$247,500	\$742,500	Wayne
30	Archer Lodge Water District	500,000 Gallon Elevated Storage Tank	\$0	\$1,701,000	Johnston
31	Ingrams Township Water District	2018 Hydraulic Improvements	\$0	\$2,950,000	Johnston
32	McGees Crossroads Water District	NC 210 Water Main Improvements - Phase 1	\$0	\$3,447,000	Johnston
35	Brevard	Cathey's Creek Water Intake Rehab & Stream Restoration	\$1,000,000	\$0	Transylvania
<b>Subtotals for Drinking Water State Reserve:</b>			<b>\$15,322,097</b>	<b>\$37,709,666</b>	
<b>Total Drinking Water State Reserve Funding Approved:</b>			<b>\$53,031,763</b>		

(\*) These projects funded partially with Drinking Water State Reserve Funds and partially with Drinking Water State Revolving Funds

**Table 6. Drinking Water State Revolving Fund (DWSRF) Project Funding Approved on Feb. 28, 2018**

<b>Proj. No.</b>	<b>Applicant Name</b>	<b>Project Name</b>	<b>Funding Amount – Principal Forgiveness</b>	<b>Funding Amount – Loan</b>	<b>County</b>
1	Broad River Water Authority	Elms Drive Waterline	\$120,470	\$0	Rutherford
3	Valdese	2018 Water System Upgrades Project	\$500,000	\$681,700	Burke
8	Henderson (*)	Kerr Lake Regional Water Treatment Plant Upgrade	\$0	\$12,000,000	Vance
9	Chowan County (*)	Valhalla WTP Backwash Solids Handling	\$0	\$6,421,500	Chowan
11	Oxford	2018 Water Line Replace.	\$500,000	\$4,757,854	Granville
14	Winston-Salem	Neilson WTP Modernization	\$0	\$20,000,000	Forsyth
26	Goldsboro	Water System Improv.	\$0	\$3,610,000	Wayne
28	Crosby Utilities, Inc.	Baywood Forest SD Ion Exchange Filter Replace.	\$0	\$87,450	Wake
29	North Wilkesboro	500,000 Gallon Elevated Storage Tank	\$0	\$3,046,863	Wilkes
35	Hendersonville	New French Broad River Intake and Mills River Intake Relocation	\$0	\$14,127,000	Henderson
<b>Subtotals for Drinking Water SRF:</b>			<b>\$1,120,470</b>	<b>\$64,732,367</b>	
<b>Total Drinking Water SRF Funding Approved:</b>			<b>\$65,852,837</b>		

(\*) These projects funded partially with Drinking Water State Reserve Funds and partially with Drinking Water State Revolving Funds

**Table 7. Wastewater State Reserve (WWSR) Project Funding Approved on Feb. 28, 2018**

Proj. No.	Applicant Name	Project Name	Funding Amount – Bond Grant	Funding Amount – Appropriation Grant	Funding Amount – Loan	County
1	Farmville	Basin 5 North Sewer Impr.	\$1,512,000	\$0	\$0	Pitt
2	Farmville	Basin 5 South Sewer Impr.	\$1,102,000	\$0	\$0	Pitt
3	Enfield	2017 Sewer Project Phase 3	\$409,819	\$0	\$136,606	Halifax
4	Rhodhiss	Sewer Rehabil/Improv. (Bid overruns)	\$300,000	\$0	\$100,000	Burke
5	Yadkin Valley Sewer Authority	2018 Sewer Rehab.	\$1,015,875	\$0	\$599,899	Surry
6	Scotland Neck	Phase V WWTP Improv.	\$669,956	\$0	\$223,319	Halifax
7	Pilot Mountain	Sunset Sewer Rehab.	\$1,202,078	\$62,314	\$1,264,392	Surry
8	Parmelee	PS/FM Renovation	\$0	\$539,000	\$0	Martin
9	Parmelee	2017 Sewer Rehab.	\$0	\$595,000	\$0	Martin
17*	Raeford	WWTP Rehabilitation	\$0	\$0	\$6,093,000	Hoke
21	Dunn	Black River WWTP Aeration System Replace.	\$0	\$0	\$2,500,000	Harnett
24	Whiteville	Mollies Branch Sewer Improvements	\$0	\$0	\$1,014,159	Columbus
25	Newton	West A St. Sewer Rehab.	\$0	\$0	\$597,875	Catawba
28	Troutman	2018 Sewer Rehab.	\$0	\$0	\$1,078,850	Iredell
30	Tuckasegee Water & Sewer Authority	WWTP #2 Improvements - Phase 1	\$0	\$0	\$2,576,600	Jackson
31	Beech Mountain	2018 Sewer Rehab.	\$0	\$0	\$2,000,000	Watauga
33*	Claremont	McLin Creek WWTP Upgrade & Expansion	\$0	\$0	\$10,844,990	Catawba
35	Goldsboro	Wastewater System Impr.	\$0	\$0	\$1,235,100	Wayne
37	White Lake	Sanitary Sewer Impr.	\$0	\$0	\$2,037,546	Bladen
38	Saratoga	Saratoga-Wilson Sanitary Sewer Connection	\$0	\$0	\$1,647,420	Wilson
41	Norwood	Sanitary Sewer Rehab.	\$0	\$0	\$2,101,245	Stanly
43	Andrews	Project Wildcat	\$0	\$0	\$1,114,950	Cherokee
<b>Subtotals:</b>			<b>\$6,211,728</b>	<b>\$1,196,314</b>		
<b>Subtotals for Wastewater State Reserve:</b>			<b>\$7,408,042</b>		<b>\$37,165,951</b>	
<b>Total Wastewater State Reserve Funding Approved:</b>			<b>\$44,573,993</b>			

(\*) Projects No. 17 and No. 33 would normally be limited to \$3 million in loan. Since available Connect NC Bond loan funds exceed demand after all eligible projects have been funded, these projects are fully funded.

**Table 8. Clean Water State Revolving Fund (CWSRF) Project Funding Approved on Feb. 28, 2018**

Proj. No.	Applicant Name	Project Name	Funding Amount – Principal Forgiveness	Funding Amount – Loan	County
10	Kinston	Lawrence Heights Sewer Repl.	\$500,000	\$2,799,600	Lenoir
12	Warsaw	2017 WWTP Upgrade and Gravity Sewer Rehabilitation	\$500,000	\$3,500,000	Duplin
20	Yadkin Valley Sewer Authority	2018 Pump Stations Rehab.	\$500,000	\$1,009,090	Surry
21	Thomasville	Hank's Branch Sewer Rehab. Ph. II	\$0	\$1,400,000	Davidson
22	Troutman	2018 Sewer Rehab. Green Component	\$0	\$633,250	Iredell
23	Oxford	2018 Sewer Line Replacements	\$0	\$4,696,493	Granville
28	Reidsville	WWTP Impr. to Meet Nutrient Removal Req.	\$0	\$3,963,089	Rockingham
40	Charlotte	McAlpine Creek WWMF Clarifier/Aeration Rehab.	\$0	\$30,000,000	Mecklenburg
45	Johnston County	McGee's Sewer Upgrade Phase 2 - Middle Cr. Interceptor & PS Station	\$0	\$3,600,000	Johnston
<b>Subtotals for Clean Water SRF:</b>			\$1,500,000	\$51,601,522	
<b>Total Clean Water SRF Funding Approved:</b>			<b>\$53,101,522</b>		

**Table 9. Asset Inventory and Assessment (AIA) Grant Funding Approved on Feb. 28, 2018**

Proj. No.	Applicant Name	Project Name	Funding Amount	County
1	Parkton	Wastewater AIA	\$135,000	Robeson
2	Elizabethtown	Wastewater Asset Inventory/Assess.	\$150,000	Bladen
3	Gastonia	Sewer Asset Inventory & Assessment	\$150,000	Gaston
4	South Granville WSA	2017 Asset Inventory to include Creedmoor	\$150,000	Granville
5	Gastonia	Water Asset Inventory & Assessment	\$150,000	Gaston
6	Clinton	Sewer Asset Inventory & Assessment	\$150,000	Sampson
7	Clinton	Water Asset Inventory & Assessment	\$150,000	Sampson
8	Madison	Wastewater Asset Inventory/Assess.	\$140,000	Rockingham
9	Reidsville	Wastewater Asset Inventory, Assessment and Management	\$150,000	Rockingham
10	Fairmont	Wastewater System AIA	\$150,000	Robeson

**Table 9. Asset Inventory and Assessment (AIA) Grant Funding Approved on Feb. 28, 2018 - Continued**

<b>Proj. No.</b>	<b>Applicant Name</b>	<b>Project Name</b>	<b>Funding Amount</b>	<b>County</b>
11	Tuckasegee WSA	Wastewater Phase 2 AIA	\$71,750	Jackson
12	Tuckasegee WSA	Water Phase 2 AIA	\$71,425	Jackson
13	Elizabethtown	Water Asset Inventory & Assessment	\$150,000	Bladen
14	Tabor City	Drinking Water System AIA	\$145,000	Columbus
15	Wilson County - Southeast Water Distr.	Water Asset Inventory and Assessment	\$60,000	Wilson
16	Kinston	Water AIA	\$150,000	Lenoir
17	Chocowinity	Wastewater Asset Inventory Assessment	\$150,000	Beaufort
18	Southport	Wastewater Asset Management Plan	\$20,000	Brunswick
19	Chadbourn	Wastewater Asset Inventory/Assess.	\$150,000	Columbus
20	Siler City	Water AIA Grant	\$95,000	Chatham
21	Chadbourn	Water Asset Inventory and Assessment	\$110,000	Columbus
22	Pittsboro	2017 Water Asset Management Plan	\$150,000	Chatham
23	Siler City	Sewer AIA Grant	\$150,000	Chatham
24	Warrenton	Sewer AIA	\$150,000	Warren
25	Elizabeth City	Potable Water Loss Reduction Project	\$150,000	Pasquotank
26	Snow Hill	Water Asset Inventory and Assessment	\$150,000	Greene
27	Yadkin Valley Sewer Authority	High Priority Areas Collection System Assessment	\$150,000	Surry
28	Aurora	Drinking Water AIA	\$150,000	Beaufort
29	Southport	Water Asset Management Plan	\$65,000	Brunswick
30	Troy	Water Asset Inventory & Assessment	\$100,000	Montgomery
31	Statesville	Water Asset Inventory and Assessment	\$150,000	Iredell
32	Shallotte	Water Asset Inventory & Assessment	\$150,000	Brunswick
33	Sawmills	Water System GIS	\$84,209	Caldwell
34	Marion	Sewer System AIA	\$150,000	McDowell
35	Wilson County - Southwest Water Distr.	Water Asset Inventory and Assessment	\$55,000	Wilson
36	Carthage	Water Asset Inventory & Assessment	\$100,000	Moore
37	Roseboro	Sewer AIA	\$105,000	Sampson
<b>Totals for AIA Grants</b>			<b>\$4,657,384</b>	



**Table 10. Merger/Regionalization Feasibility (MRF) Grant Funding Approved on Feb. 28, 2018**

<b>Proj. No.</b>	<b>Applicant Name</b>	<b>Project Name</b>	<b>Funding Amount</b>	<b>County</b>
1	Carteret County	Feasibility Study - Merger of Water System with Town of Beaufort	\$35,000	Carteret
2	Stokes County W&S Authority	Merger/Regionalization Feasibility Study with Stokes County Water System	\$50,000	Stokes
3	Montgomery County	Merger/Regionalization Feasibility Study - Montgomery County/Candor Sewer	\$50,000	Montgomery
4	Montgomery County	Merger/Regionalization Feasibility Study - Montgomery County/Mount Gilead Water	\$50,000	Montgomery
5	Stanley	Stanley, Dallas and Ranlo Merger/Regionalization Feasibility Study - Water	\$50,000	Gaston
<b>Totals for MRF Grants</b>			<b>\$235,000</b>	

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