

**Community Development Block Grant - Infrastructure (CDBG-I) - September 2017 Application Round**

**Recommendations for Funding - Agenda Item J**

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	Number of New Connections	\$ per Connection	LMI %	County	CDBG-I Grant Request	CDBG-I Grant	Total Project Cost	Points Submitted	Points Verified (Total All Categories)	Project Purpose	Project Benefit	System Management	Financial Situation	Difference in Points Claimed & Verified	Authority Notes
<b>FUNDING REQUESTED IN COMPLETE APPLICATIONS</b>										<b>\$40,266,415</b>	<b>\$12,537,586</b>									
1	Biscoe, Town of	Sanitary Sewer System Rehabilitation	LKC Engineering, PLLC	Project will replace 7,500 LF of old VCP sewer line and replace the Bruton Street Pump Station. Sewer lines to be replaced are on Bruton, Blake, Harris, Cagle, Baldwin, and Hicks Streets. Approximately 80 percent of the lines are over 40 years, and the Bruton Street Pump Station is over 40 years old.	Yes			92.80%	Montgomery	\$1,865,000	\$1,865,000	\$1,865,000	77.51	77.40	15	18	15	29.40	4.H (-.11) LMI. Claimed 93.16%, we calculated 92.80%.	
2	Burnsville, Town of	Indian Trail/Meadow Drive Sewer Rehabilitation Project	McGill Associates	Replace 4,000 LF of 4" and 6" sewer line on Indian Trail and Meadow Rd. with 4000 LF of 8" DIP sewer line with 20 associated precast concrete manholes and 40 service taps. Project serves 37 homes and a low-income apartment complex with 32 units.	No			77.60%	Yancey	\$1,100,000	\$1,100,000	\$1,100,000	74.53	75.83	15	15	15	30.83	4.H (+1.3) LMI. Claimed 73.34%, we calculated 77.60%.	
3	Mount Airy, City of	Maple/Merritt Street Area Sewer Improvements	The Lane Group	The existing sewer lines serving the Maple St./Merritt St. area are terra cotta, most are in excess of 60 years old and are problematic for frequent blockages and spills. Reports of sewage backing up into homes, overflows reaching surface water, and repair reports demonstrate the need for line replacement in the project area. Many of the existing lines are located in paved streets. Construction is proposed to include approximately 7,700 LF of 8" gravity sewer line replacement, sewer service reconnections, patching roads, and related improvements.	Yes			87.95%	Surry	\$1,731,600	\$1,731,600	\$1,731,600	73.62	75.20	15	20	15	25.20	4.H (+1.58) LMI. Claimed 82.77%, we calculated 87.95%.	
4	Farmville, Town of	2017 Basin 5 Sanitary Sewer Improvements	McDavid Associates, Inc.	Replacement of approximately 3,290 LF of existing sanitary sewer collection lines to address inflow/infiltration problems in a section of sewer infrastructure that is 40+ year old dilapidated, deteriorated, and failing collection lines.	Yes			91.38%	Pitt	\$2,000,000	\$0	\$2,000,000	75.33	74.41	15	15	15	29.41	4.H (-.92) LMI. Claimed 94.37%, we calculated 91.38%.	Recommended for funding by State Grant funds.
5	Columbia, Town of	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Project will replace/rehab old VCP sewer line on Road and Green Sts., and build a PS to redirect sewer flow in the target area in order to correct grade deficiencies in the old lines. Approximately 1,945 LF of sewer line will be rehabbed and one duplex pump station will be constructed.	Yes			86.49%	Tyrrell	\$2,000,000	\$1,965,000	\$2,000,000	76.22	74.29	15	15	15	29.29	4.H (-1.93) LMI. Claimed 92.79%, we calculated 86.49%.	Budget includes \$35,000 for labor standards compliance, in addition to a 10% administration line item. Davis-Bacon compliance is an administrative line item and must fall within the admin cost.
6	Stoneville, Town of	Sanitary Sewer System Rehabilitation	LKC Engineering, PLLC	The proposed project will include the replacement of approx. 4,500 LF of old deteriorated wastewater collection lines to address inflow and infiltration concerns within the Town's wastewater collection system. The lines targeted for replacement are located on N. Henry Street (north of Matthew Street), Highland Avenue, Kallam Street, Dalton Street, and Roberts Street. The project includes 4,500 LF new 8" gravity sewer lines to be installed by dig and replace method. The replaced lines will be at the same size and no new customers will be added, and no additional capacity will be required to accommodate the project. The proposed is a planned continuation of addressing system - wide inflow and infiltrations concerns.	Yes			92.31%	Rockingham	\$1,300,000	\$1,300,000	\$1,300,000	73.48	73.48	15	18	15	25.48		<b>Special Consideration</b>

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7	Faison, Town of	2017 Sewer Line Improvements	M. Floyd Adams, P.E.	Replace approximately 2,400 LF of existing sanitary sewer collection piping and supporting appurtenances with new lines of comparable size/capacity (like for like replacement). Replacement will assist in addressing inflow/infiltration and elimination of recurring sewer back-ups and spills.	Yes			100.00%	Duplin	\$1,501,515	\$1,311,515	\$1,501,515	72.73	72.73	15	15	15	27.73		<b>Special consideration:</b> 2016 cycle the town requested \$2 million and only received partial funding of \$498,485. The town would like to complete the work originally requested in the 2016 cycle.	
8	Lumberton, City of	FY2017 Wastewater System Improvements	The Wooten Company	This project will address failing septic systems at the Rosewood Mobile Home Park. Some residents of Rosewood MHP are served by city sewer, but the pump station on Gavintown Road is unable to handle additional capacity needed to sewer the entire MHP. This project will extend approximately 3,250 LF of 8" gravity sewer line, install a new pump station to handle additional flow, and extend approximately 3,110 LF of 4" sewer force main to reroute pump station discharge to the Harrill Road pump station of the city's sewer system. Activities will take place generally along Elizabethtown Road and Harrill Road.	Yes	64	\$31,303	96.71%	Robeson	\$1,997,500	\$1,997,500	\$2,003,400	68.17	68.24	5	20	10	33.24	4.H (+0.07) LMI. Claimed 96.47%, we calculated 96.71%.	<b>Special Consideration</b> Hurricane Matthew. Robeson County is one of the "big four" counties impacted by Hurricane Matthew - the other three are Cumberland, Wayne, and Edgecombe. We were instructed by the Governor's office to address needs in the "46 lesser impacted counties." Therefore, we cannot consider Robeson County in the hurricane projects.	
9	Rich Square, Town of	Phase 2 Water System Improvements	Engineering Services, PA	The purpose of this water improvements project is to replace 50-to-80 year old, deteriorated water infrastructure, including mains, service lines, hydrants, valves, and meters with the goal of reducing the Town's excessive water loss rate and addressing areas of low flow/pressure within the system. Water loss reductions will be achieved by replacing the water system's aging asbestos cement, cast iron, and galvanized iron mains, which will entail the installation of up to 30,750 LF of 2" and 6" water main, 101 2" and 6" shutoff valves, 33 tie-ins to existing lines, 2 2" blow off valves, and 297 water services. System flow and pressure will be increased by upsizing undersized 2" and 4" mains to a minimum 6" main and completing system looping at select locations.	No			70.43%	Northampton	\$2,000,000	\$1,266,971	\$2,000,000	65.94	65.94	15	15	15	20.94			
										<b>Total funded in CDBG-I</b>	<b>\$12,537,586</b>										

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10	Parmele, Town of	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Parmele proposes to construct central sewer infrastructure to serve 17 residential homes, many with failing septic systems, along US 64 Alternate and Meeks Road. Construction will include approximately 3,000 +/- LF of gravity sewer collection facilities and two sewer pumping stations that extend Parmele's existing sewer collection system. Parmele currently pumps all sewer to the Town of Robersonville for treatment/disposal through an inter local agreement. Robersonville operates a regional wastewater treatment facility with surplus capacity capable of serving the residents within the target area.	Yes	23	\$74,478	100.00%	Martin	\$1,698,000	\$0	\$1,713,000	70.87	65.87	5	20	10	30.87	3.B (-10) AMP. Lacks comprehensive listing of town assets, conditions, age, and with a unique identifier assigned.	The Town of Parmele is applying for a loan that will rehabilitate their main pump station, which has been a source of sanitary sewer over flows. The condition of that pump station kept Parmele from being funded last year.
11	Enfield, Town of	Phase 4 Water System Improvements Project	Engineering Services, PA	Installation of 14,565 LF of 6" main, 3,550 LF of 8" main, 45 hydrant assemblies inclusive to eight auto flush devices, and 269 water services. Also, make improvements to one of the Town's three existing above ground water tanks commonly known as Cook Street Tank. The Town is committing \$15,450 towards upsizing of lines not permissible under the CDBG-I program.	Yes			68.08%	Halifax	\$2,000,000	\$0	\$2,015,450	77.12	64.12	15	8	5	36.12	2.L.2 (-3). Project creates additional/larger interconnection that are already interconnected. 3.B (-10) AMP. Missing items and not detailed enough.	<b>Special Consideration.</b> Linear feet of line does not match between the narrative and the engineering budget; looping adds up to 25% of total line amount (applications states 7%, engineer states 20%).
12	Tyrrell County	Old 64 Highway Sanitary Sewer	McDavid Associates, Inc.	Tyrrell County proposes to further extend central sewer to its rural area by providing low pressure facilities in a defined area that includes 20+/- rural homes. Approx. 25,000 LF of low pressure sewer is proposed for installation. Project will install individual grinder pumps at each home. Installed sewer will eliminate failing/failed septic systems and vastly improve the standard of living to benefitting residents.	Yes	19	\$104,000	93.66%	Tyrrell	\$1,976,000	\$0	\$1,979,700	68.14	63.14	5	20	5	33.14	3.E (-5) Water loss. Did not provide on going documentation for hidden leaks.	<b>Special consideration.</b> Budget claims \$35,000 for Davis-Bacon compliance and \$158,500 in incidental costs. Cut budget by \$158,500 if awarded?
13	Black Creek, Town of	2017 CDBG-I Public Sanitary Sewer Improvement and Extension	Herring-Sutton & Associates, P.A.	Project will rehab Evanston PS in order to extend 5,300 LF of 8" sewer line along US 117, Yank Road, and Pine Tree Court, to serve 40 LMI homes with failing septic systems. In addition, two new pump stations will be constructed to pump the wastewater from the area with failing septic systems to Evanston PS, via 7,000 LF of 4" force main.	Yes	40	\$50,000	78.51%	Wilson	\$2,000,000	\$0	\$2,000,000	77.93	63.03	0	20	15	28.03	1.C (-10) Rehabilitation or replace infrastructure. 1.C.1 (-5) Age of infrastructure. 4.H (+.0.10) LMI. Claimed 78.18%, we calculated 78.51%.	Project purpose is incorrect, see memo in the application. 1.C and 1.C.1 could be claimed as the project purpose only if the cost of the rehabilitation is over one-half of the project purpose. It is not.

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14	Kinston, City of	Lawrence Heights Sewer Replacement	City of Kinston	Replace the sewer line in the Lawrence Heights Subdivision that runs along Old Snow Hill Road from East Highland Avenue to Jackson Lane. The majority of this terra cotta pipe is over 50 years old. The project will replace 13,300 LF of 8" sewer line, 460 LF of 10" sewer line, 290 sewer services, and 37 manholes. The project will help alleviate inflow and infiltration and exfiltration issues with the sewer in the project area due to poor conditions of pipes and brick manholes.	Yes			67.81%	Lenoir	\$2,000,000	\$0	\$3,299,600	62.80	62.80	15	5	15	27.80		Recommended for funding by the Clean Water SRF Program.
15	Magnolia, Town of	Magnolia Mobile Home Park Sanitary Sewer Improvements	McDavid Associates, Inc.	This project will construct central sewer infrastructure within the residential area, providing 23 service connections to the existing residential homes. Construction will include 1,300 +/- LF of gravity sewer collection, a duplex sewer pump station and force main that will discharge to an existing manhole. Magnolia operates a wastewater treatment facility that has surplus capacity to accommodate sewer demand needs from the Magnolia Mobile Home Park.	No	22	\$63,948	92.75%	Duplin	\$1,398,000	\$0	\$1,406,850	70.76	60.58	5	20	5	30.58	3.C (-5) Operating Ratio. OR is .9978 (no rounding) combined utilities/MHI 2.37. 3.E (-5) Water loss. No hidden leak detection. 4.G (-.18) W&S rates.	
16	Lansing, Town of	Wastewater Treatment Plant Improvements	McGill Associates	This project will replace the clarifier, air lift system, piping, valves, and electrical elements at the 50,000 gpd Lansing wastewater treatment plant, without changing the treatment capacity. The existing WWTP is 27 years old, beginning to corrode and the maximum capacity is actually half its design capacity. The unheated wastewater treatment plant lab is certified for performing field parameters pH, low range chlorine residual, and temperature measurements, and wide temperature variations effect the lab instrumentation. The project will construct a building to house the lab equipment, and an office for storing reports and plant logs. The building will be constructed large enough to house the blowers, which will provide much of the heat for the lab from the operation of the equipment. In wet weather, the WWTP is not accessible for sludge removal, due to the gravel road washing out. The project will pave the driveway and eliminate access problems.	Yes			64.13%	Ashe	\$852,200	\$0	\$852,200	52.59	52.66	15	0	5	32.66	4.H (+0.07) LMI. Claimed 63.90%, we calculated 64.13%.	
17	Bryson City, Town of	Carringer Street Sewer Improvements	McGill Associates	Project will replace 2,700 LF of 10" vitrified clay pipe (VCP) with 2,700 LF of 10" ductile iron pipe (DIP) extending along Carringer Street and the Tuckaseegee River. Town has high I/I from this area, and has received NOVs related to this portion of line.	Yes			88.89%	Swain	\$940,000	\$0	\$940,000	73.34	50.07	15	3	10	22.07	Project Benefit: Claimed 38 pts on score but scorecard only allowed 20 points. Actual point received 3 pts. 2.A (-15) Specific environmental or public health benefit. No documentation ww overflow reached the river. 2.I (-10) These points are for water projects. 2.K (-10) These points are for water projects. 3.A (-3) CIP. Received asset mgmt. points. 3.C (-5) Operating Ratio. Is less than one and combined rate are not above 2.5%. 3.E (-5) Water loss. Water loss prevention guidelines have changed and the document is undated to gain points. 4.H (-1.27) LMI. Claimed 93.05%, we calculated 88.89%.	

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18	Vass, Town of	Phase II Sewer System Improvements Project	McGill Associates, PA	The proposed project includes the extension of approx. 9,500 LF of new 8" gravity sewer line, approx. 33 manholes, and the connection of 17 existing LMI residents to the new sewer line. The area includes US Highway 1, Poplar Lane, Sellars St, Lincoln Ave. Union Church Rd, and Maple Lawn Lane. Measurable outputs will include elimination of existing failing septic systems, and the installation of new public wastewater collection infrastructure to serve the project area.	No	17	\$90,588	87.17%	Moore	\$1,540,000	\$0	\$1,540,000	61.74	47.81	0	20	3	24.81	1.B (-5) No interlocal agreement with Moore Co. 3.C (-5) Operating Ratio. Water & sewer financial info. & funds transfer form not filled out. 4.H (-3.93) LMI. Claimed 100.00%, we calculated 87.17%.	
19	Winterville, Town of	2017 CDBG-I Water and Sewer Improvements	Rivers and Associates, Inc.	Project will rehabilitate and replace 2,650 LF of sewer line and 13 manholes, and replace 3,520 LF of ductile iron pipe and asbestos cement water line, all over 40 years old.	No			60.45%	Pitt	\$1,353,900	\$0	\$1,353,900	63.66	47.33	15	5	15	12.33	2.A (-15) Specific environmental or public health benefit. 4.H (-1.33) LMI. Claimed 64.78, we calculated 64.45%. Water score used.	
20	Magnolia, Town of	2017 Water System Improvements	McDavid Associates, Inc.	This project will replace existing 2" diameter galvanized waterlines that have been in service since 1947. Existing waterlines are contributing to water quality issues documented by violations confirmed by the State. The Town obtained funding to support waterline replacement needs (and replacement of it water treatment plant) in 2014. The 2014-funded project is currently under construction. Due to cost overruns, several waterline segments were deleted from the 2014 project currently under construction. This project represents an effort to complete initial waterline replacement.	No			85.29%	Duplin	\$479,000	\$0	\$479,000	72.45	43.30	10	0	5	28.30	1.C.1 (-5) Age of infrastructure, documentation submitted does not prove the lines were installed in 1947. 2.A (-15) Specific environmental or public health benefit; does not fit the benefit claimed. Should have claimed nonacute contamination and low pressure, as well as NOV points. 3.C (-5) Operating Ratio. OR is .9978 (no rounding) combined utilities/MHI 2.37. 3.E (-5) Water loss. No hidden leak detection. 4.G (-.18) W&S rates; 4.H (+1.03) LMI. Claimed 81.94%, we calculated 85.29%.	
21	Mount Holly, City of	Globe Mill Neighborhood Water & Sewer Rehabilitation - Phase 1	LKC Engineering, PLLC	The Globe Mill neighborhood is a former textile mill village. Water and sewer lines were constructed by the textile mill many years ago, and are not up to current design standards. The water lines consist of 2", 4", and 6" pipe, mostly asbestos cement with some cast iron and galvanized pipe, and leak. The sewer collection system consists of 4", 6", and 8" clay pipe and brick manholes. Some of the collection lines are extended lengths of 4" clay pipe located behind the row of houses. The brick manholes are showing signs of failure and inflow and infiltration. This project will install 4,200 feet of new 6" water line and 3,700 feet of new 8" gravity sewer. The existing water and sewer lines will either be dug up and removed or abandoned in place. The houses currently served by lines behind the house will be served by new line located out front in the street.	No			98.80%	Gaston	\$1,843,000	\$0	\$1,843,000	46.96	41.96	10	5	5	21.96	1.C.1 (-5) Age of infrastructure.	In projects where water and sewer lines are being rehabbed in the same footprint, we take the lowest scoring utility's score. In this case, the wastewater score was the lowest. The water project scored 46.96.

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22	Hookerton, Town of	2017 Water and Sanitary Sewer Improvements	McDavid Associates, Inc.	Metropolitan Housing and Community Development Corporation approached Hookerton regarding the development of a low-moderate income residential development proposed at/near the intersection of 4th Street and Ormond Street within the town's corporate limits. To move project forward, Hookerton must extend existing central water and central sewer infrastructure to development site. Hookerton proposes to install water system improvements consisting of approx. 1,600 LF of 6" waterline and sanitary sewer improvements consisting of approx. 1,400 LF of 8" gravity collection lines, a single duplex sewer pump station, and 1,200 LF of sewer force main. The project would have 5 new LMI connections served by the project.	No	5	\$260,400	100.00%	Greene	\$1,302,000	\$0	\$1,302,000	66.73	41.73	0	0	10	31.73	<p><b>1.E.1</b> (-15) Project will extend or rehab water and or sewer service to new or rehab low-mod income housing. Missing required engineering/specific in the narrative and unable to determine pump station proposed.</p> <p><b>2.N</b> (-5) Project will rehabilitate water and sewer lines in the same footprint. Benefit doesn't match purpose. Project isn't rehab existing in same foot print, but completely new sewer lines.</p> <p><b>3.E</b> (-5) Water loss. Didn't document on going program defined hidden leaks per guidance.</p>	
23	Louisburg, Town of	Bullock Drive/Wright Street Water Line Improvements	Municipal Engineering Services Co., PA	This project will replace approximately 1,810 LF of 50-year old 1.5" galvanized water pipe with new 6" PVC/DIP along Bullock Drive in Louisburg and the looping of the 4" water line along Wright Street serving the Louisburg Elderly Apartment Complex, both locations with a new 6" water line. New valves and fire hydrants will also be installed. The existing 1.5" galvanized water line along Bullock Drive is 50+ years old. The water line is severely corroded on its interior, leading to low water pressure and flow.	Yes			95.84%	Franklin	\$255,000	\$0	\$255,000	59.68	38.52	10	0	5	23.52	<p><b>3.B</b> (-10) AMP. No maps, size of lines and type of pipe.</p> <p><b>4.G</b> (-11.39) W&amp;S rates. Did not submit certified water and sewer rates.</p> <p><b>4.H</b> (+.23) LMI. Claimed 95.10%, we calculated 95.84%.</p>	
24	Pitt County	Candlewick Area Sanitary District Phase 2 Sanitary Sewer	McDavid Associates, Inc.	Pitt County is applying for funding to complete a project currently underway in the Candlewick Sanitary District, and funded by CDBG-Infrastructure funds. The initial construction phase is underway, financed primarily through a FY 2013 CDBG-I grant. Original scoping of the initial construction phase had to be reduced due to a cost overrun. The goal of this application is to pursue additional CDBG-I funds to expand central sewer assets to serve a high percentage of low-moderate income residents. Scoping for this additional work includes 1,450 LF of 8" diameter gravity sewer collections lines and appurtenances to extend central sewer to 16 homes with high percentage of failed/failing septic tanks systems.	No	16	\$85,456	79.41%	Pitt	\$1,361,000	\$0	\$1,367,300	56.40	37.63	0	20	0	17.63	<p><b>1.B</b> (-5) No interlocal agreement submitted showing agreement between Candlewick SD and GUC to serve this community.</p> <p><b>3.E</b> (-5) Water loss. Did not document on going program to find hidden leaks.</p> <p><b>4.G</b> (-8.77) W&amp;S rates. Certified rates dated 3/14/2014 and only included water rates.</p>	Budget claims \$25,000 for labor compliance and \$22,500 in incidental costs. Cut budget by \$22,500 if awarded?



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25	Hyde County	Engelhard Sanitary District Force Main Extension	Stroud Engineering, P.A.	This project will provide public sewer service to Mattamuskeet Village, an affordable elders apartment community, and Hycienda Heights, a low-income housing apartment community. The project will extend an existing 8" force main along Highway 264 and a 4" force main on Hycienda Heights Way, and install an on-site sewage pumping station. Mattamuskeet Village will be provided a new service connection and a large-capacity pump station to serve the entire facility. This project will install approx. 3,500 LF of sewer force main and 28 S.T.E.P. systems to serve 21 housing units and six single-family residences in Hycienda Heights, a low-income housing apartment community, and along Highway 264.	Yes	39	\$19,890	96.47%	Hyde	\$775,695	\$0	\$775,695	93.03	37.55	0	0	10	27.55	<p><b>1.C</b> (-10) Rehabilitation or replace infrastructure. Claimed the wrong purpose for project should have claimed 1.B.</p> <p><b>1.C.1</b> (-5) Age of infrastructure. No documentation for failing septic tanks.</p> <p><b>2.A</b> (-15) Specific environmental or public health benefit. Missing documentation for failing septic tanks.</p> <p><b>2.A.1</b> (-5) Will benefit 20% or more septic system are failing. Missing documentation for failing septic tanks.</p> <p><b>4.F</b> (-13.69) Poverty Rate. Used Engelhard community poverty rate should have used Hyde Co. poverty rate</p> <p><b>4.G</b> (-6.78) MHI. MHI incorrect in the application should be \$42,897.</p> <p><b>4.H</b> (-.01) LMI. Claimed 96.50%, we calculated 96.47%.</p>	
26	Hoffman, Town of	Phase II Sewer System Improvements Project	McGill Associates, PA	Project will extend public wastewater service to an LMI area within the town that is experiencing multiple cases of failing septic systems. Project will install approx. 6,850 LF of new 8" gravity sewer line, approximately 34 new manholes, and connect 34 existing LMI residences to the new sewer line. New sewer taps will also be set at vacant residences and the residences in the area that were not confirmed to be LMI, but these facilities will not be connected to the new line using grant funds. A total of 45 homes will be served by the project. Project area includes Butler Drive, School Drive, Meadow Lane, River Run Road, Blues Bridge Road, Bracey Street, US Highway 1, Little Road, and Townsend Drive.	Yes	45	\$27,778	87.68%	Richmond	\$1,250,000	\$0	\$1,250,000	69.77	36.77	0	0	0	36.77	<p><b>1.B</b> (-5) Failed infrastructure. No supporting documentation provided.</p> <p><b>2.A</b> (-15) Specific environmental or public health benefit. Missing documentation of properties with failing septic tanks.</p> <p><b>2.A.1</b> (-5) Will benefit 20% or more failing septic systems. Missing documentation of properties with failing septic tanks.</p> <p><b>3.A</b> (-3) CIP. No additional ten year span and CIP not completed based on application guidance.</p> <p><b>3.C</b> (-5) Operating Ratio. Missing calculation of OR and missing financial information.</p>	

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27	Elk Park, Town of	Elk Park Wastewater Treatment Plant Rehabilitation Project	Brown Consulting	The project will include the installation of new automated bar screens, blowers, blower building, clarifier weirs, chlorine contact and post aeration chamber, an on-site office/lab building, the installation of new pipework (air, return activated sludge, waste activated sludge), and updating the electrical system throughout the plant. The project will also include the rehabilitation of several unidentified manholes along the system to increase flow and reduce I/I.	Yes			71.64%	Avery	\$1,747,005	\$0	\$1,747,005	36.15	36.15	15	0	0	21.15		Special Consideration included.
INCOMPLETE OR INELIGIBLE APPLICATIONS																				
28	Goldston, Town of	Phase II Sewer System Improvements	WithersRavenel	Install approximately 1,150 LF of 8" PVC gravity line along Pittsboro Goldston Road and 1,850 LF of 8" PVC gravity line along Pinecrest Drive; install a conventional submersible pump station and an individual residential grinder pump on one home. The pump station force main will discharge to the 8" gravity line that was installed as part of the CDBG Phase I project funded by the Department of Commerce.	No			92.91%	Chatham	\$1,423,000	\$0	\$1,423,000	67.97	Incomplete	5	20	5	27.97	Incomplete. Public hearing published 26 days, over the amount allowed of 25 days. 3.B (-10) AMP. Plan lacking details of the system. Points verified 57.97.	
29	Thomasville, City of	Hank's Branch Sanitary Sewer Rehabilitation, Phase II	Alley, Williams, Carmon & King, Inc.	The project consists of approx. 8,500 LF of sanitary sewer line ranging from 8" to 18" in diameter, and approx. 45 sanitary sewer manholes. The existing pipe material is primarily vitrified clay. The proposed project scope includes approx. 5,200 LF of heavy cleaning, 300 LF of light cleaning, 5,500 of cured in place pipe (CIPP) sanitary sewer rehabilitation, 3,000 LF of point repairs, and rehabilitation/resealing of approx. 45 sanitary sewer manholes. The City identified the Hank's Branch basin as a large source of infiltration and inflow (I/I) into its sanitary sewer system. The basin is also the root cause of sanitary sewer overflows which reach Hank's Branch and subsequently impact an impaired water body in Hunt's Fork watershed.	Yes			63.78%	Davidson	\$1,400,000	\$0	\$1,400,000	44.49	Incomplete	15	0	8	12.07	Incomplete. No public hearing minutes. 4.G (-8.43) W&S rates not certified. 4.H (-0.99) LMI. Claimed 66.00%, we calculated 63.78%. Heavy and light cleaning are maintenance costs, and are not eligible for funding. Points verified 35.07.	
30	Whitakers, Town of	Sewer Collection System Rehabilitation	Mack Gay Associates, P.A.	This project will rehabilitate the Town of Whitakers' sewer collection system's existing infrastructure to prevent or reduce storm and ground water inflow and infiltration and to upgrade the lift stations within the project area to the state standards. The rehabilitation work will be like for like replacement. Approximately 7,350 LF of existing 6" mains will be CIPP lined and 350 LF of existing 8" mains will be CIPP lined. Also, this project will rehabilitate the three lift stations within CDBG-I project area (Bell St., S. Porter St., and SE Railroad St.) to bring them up to state standards with like for like replacement. This will include updating the motors, pumps, electrical supply, sealing the dry wells, and installing permanent backup generators. The rehabilitation may vary from one lift station to another depending on the condition of each pump station.	Yes			0.00%	Nash/Edgecombe	\$1,725,196	\$0	\$1,725,196	65.45	Ineligible	15	0	15	4.74	Ineligible. Income limits below 51% based on errors on income surveys. 4.G (-15) W&S rates. Water and sewer rate form was not included in the application 4.H (-15.71) LMI. Income limits below 51%.	



**Community Development Block Grant - Infrastructure (CDBG-I) - September 2017 Application Round**

**Recommendation for Hurricane Matthew Funding - Agenda Item J**

Project No.	App Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	Number of New Connections	\$ per Connection	LMI %	County	CDBG-I Grant Request	CDBG-I Grant	Total Project Cost	Points Submitted	Points Verified (Total All Categories)	Project Purpose	Project Benefit	System Management	Financial Situation	Difference in Points Claimed & Verified	Authority Notes
<b>FUNDING REQUESTED IN COMPLETE APPLICATIONS</b>										<b>\$11,100,545</b>	<b>\$9,868,656</b>									
1	Dublin, Town of	FY 17 Water Line Replacement	Withers& Ravenel	Project will replace 4100 LF of 2" galvanized water line originally installed in 1965 on 2nd St., McNeil St., Summerlin St., Twisted Hickory Housing Authority Loop, and Hursey St. Line will be replaced with 6" PVC/DIP. Project will also connect seven LMI homes to existing 6" line on 4th St.	Yes			98.89%	Bladen	\$640,500	\$640,500	\$640,500	74.70	72.70	15	10	13	34.70	System mgmt. max. pts. 15; applicant claimed 18 received 13 points. 3.E (-5) Water loss. Water loss prevention guidelines have changed and document undated to gain points.	Special Consideration Hurricane Matthew
2	Fair Bluff, Town of	2017 Sewer Line Improvements	M. Floyd Adams, P.E.	Replace approximately 3,600 LF of 8" sewer lines, and associated appurtenances including manholes and sewer services along Main, Homer, Railroad, Elm and Academy Streets.	Yes			90.32%	Columbus	\$2,000,000	\$2,000,000	\$2,000,000	77.11	69.21	15	15	5	34.21	3.A (-3) CIP. Does not cover 10-year plan only discussing five year planning period. 3.E (-5) Water loss. Only two years of water loss data provided. 4.H (+.1) LMI. Claimed 90.00%, we calculated 90.32%.	Special Consideration Hurricane Matthew
3	Grantsboro, Town of	2017 Sewer System Extension Project	McDavid Associates, Inc.	Install 6,540 LF of 6" low pressure sewer force main along NC 306 North from NC 55 to Rebecca Road, and install 615 LF of 2" force main on Sky Lane to serve 44 homes, of which 31.85 percent have failing septic systems. Install 38 S.T.E.P. system at the 38 LMI homes and abandon existing septic systems. A large sewer system pump station is also proposed, along with 10,800 LF of 6" sewer force main, to collect the sewage from the 38 houses and pump it south to the Bay River Metro Sewerage District force main at NC 55. All improvements will be sized to meet needs of the proposed connections.	Yes	38	\$52,632	83.67%	Pamlico	\$2,000,000	\$2,000,000	\$2,000,000	66.77	59.89	0	20	10	29.89	1.B (-5) Failed infrastructure, guidance requires an interlocal agreement between the receiving entity and the collecting entity, when two governments involved. 4.H (-1.88) LMI. Claimed 89.80%, we calculated 83.67%.	Special Consideration Hurricane Matthew

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4	Garland, Town of	Water and Sewer Line Replacements	McGill Associates, PA	Replace 10,350 LF of 2" water line with 6" water line, replace or rehabilitate 6,200 LF of 8" gravity sewer with like size, and replace 3,440 LF of 6" sewer force main with new 6" force main. The work will take place on 4th Street, Gray Ave., Odham Ave., 5th Street, Herring Ave., 3rd Street, Bladen Ave., Smith Ave., and Lisbon Ave. The water and sewer project will occur in the same footprint. Water Budget: \$985,425 and Sewer Budget: \$1,014,575.	Yes			83.45%	Sampson	\$2,000,000	\$1,014,575	\$2,000,000	63.55	58.55	15	0	10	33.55	2.N (-5) Water & sewer is located in the same footprint. No back documentation provided for repair of lines only narrative.	Special Consideration Hurricane Matthew. Funding is being recommended for the sewer line rehab only.
5	Laurinburg, City of	Produce Market Road Area Wastewater Collection System Improvements	McGill Associates, PA	Project will rehabilitate and replace approx. 10,000 LF of existing 8" gravity sewer lines and 40 brick manholes and related appurtenances in an existing low income area of Laurinburg that is responsible for at least four sanitary sewer overflows that reached surface water. The existing wastewater collection system serving project area is comprised of 8" vitrified clay pipe and brick manholes that were installed around 1974. The project will also include rehabilitating the City's existing 40-year-old Produce Market Road Lift station on Geneva Street. The proposed improvements include construction of a new wet well and the installation of new pumps, piping, valves, and related appurtenances, as well as the installation of an emergency generator in accordance with NCDEQ standards.	Yes			92.41%	Scotland	\$2,000,000	\$2,000,000	\$2,000,000	68.97	55.28	5	15	5	30.28	1.C (-10) Rehabilitation or replace infrastructure. Narrative didn't describe size of lift station that will be rehabilitated. 3.A (-3) CIP. CIP is only for five years needs to ten years. 4.G (-1.17) W&S rates (could not calculate sewer rates). 4.H LMI (+0.48) LMI. Claimed 90.86%, we calculated 92.41%.	Special Consideration Hurricane Matthew
6	Elizabeth City, City of	Raw Water Transmission Main	PE CFM Env-SP	Project will replace the raw water cast iron transmission main that provides water to the City of Elizabeth City with a 14" PVC line 7,980 LF in length. The current line leaks, and leaks have increased since Hurricane Matthew. The city records a 41% water loss, up from 33% pre-Hurricane Matthew.	Yes			55.80%	Pasquotank	\$903,581	\$903,581	\$903,581	61.43	36.43	10	0	5	21.43	1.C.1 (-5). Age of infrastructure. No documentation. 2.K (-10). Water Loss in system 30% or more. Insufficient documentation 3.B (-5) AMP. Plan lacking details of the system. 3.E (-5) Water loss. Missing data to score points.	Special Consideration Hurricane Matthew. The applicant acknowledges that the leaks are likely in the distribution system, but that this line contributes to that leakage, which has worsened since Matthew.

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7	Johnston County	Selma Equalization and Wastewater Pump Station Facilities Flood Resiliency Improvements Project	Johnston County	This project will provide flood resiliency and additional capacity at the Selma equalization and wastewater pumping facility. The facility is owned and operated by Johnston County but provides service to the Town of Selma. The proposed project will include approximately 4,000 LF of 16" force main, relocation of the electrical building and installation of a flood wall consisting of earthen embankment, reinforced concrete and a flood gate. The proposed project will provide flood mitigation improvements and additional capacity in order to reduce the risk of future flooding and sewer overflows, which occurred during Hurricane Matthew.	Yes			84.60%	Johnston	\$1,060,000	\$1,060,000	\$1,060,000	60.07	28.29	10	3	0	15.29	<p>1.C.1 (-5) Age of infrastructure. No documentation of age included.</p> <p>3.A (-5) CIP; not in required format - only a one page spreadsheet.</p> <p>4.F (-11.7) Poverty rate. Used Selma poverty rate instead of Johnston Co.</p> <p>4.G (-4.03) W&amp;S rates. Used Selma's MHI.</p>	Special Consideration Hurricane Matthew
8	Seaboard, Town of	2017 Seaboard North Main Street Storm Drainage Project	Mack Gay Associates, PA	The project consist of removing the existing undersized, deteriorated, privately installed storm drainage system located in the channel approx. 190 feet east from the intersection of North Main Street (NC 305) and East Central Street (NC 186). The existing storm drainage system is installed on private property (108 and 110 East Central Street). This drainage system is insufficient in size and creates localized flooding during any significant rainfall event (1-inch rainfall or more). This channel is a major drainage way for approx. 2/3 of the town's runoff. With the localized flooding existing wastewater laterals have been exposed, resulting in a surcharge and/or inflow and infiltration into the town's wastewater collection system. The proposed improvements will not increase any current approved capacity. The proposed storm drainage system will consist of three (3) 48-inch reinforced concrete pipes (RCP), inlet channel erosion protection, outlet channel erosion protection, intersecting channel erosion protection and downstream channel cleaning, in the same approximate location as the existing system. The new storm drainage system will be designed to prevent the localized flooding, sanitary sewer surcharge, and will also add the needed inlet and outlet erosion protection.	Yes			0.00%	Northampton	\$246,464	\$0	\$246,464	69.39	28.16	10	0	15	3.16	<p><b>Project Benefit: Claimed 25 pts on score but scorecard only allowed 20 points. Actual point received 0 pts scorecard claimed 20 pts.</b></p> <p>2.A (-15) Specific environmental or public health benefit. No documentation that this situation has led to a drinking water source contamination or back-ups into homes.</p> <p>2.E.2 (-3) Will resolve a Notice of Violation or a Notice of Deficiency. No documentation of the amount of I/I getting into the Seaboard system, or that this project would make a significant impact.</p> <p>2.M (-7) Will address a moratorium on local system. No documentation of the amount of flow getting into the service lines, cannot say there is any impact on the moratorium.</p> <p>4.G (-13.05) W&amp;S rates not provided. Missing w&amp;s rate form.</p> <p>4.H (-8.18) LMI. Claimed 61.40%. Application used census data for determining LMI%. The project area should be surveyed. The town's area-wide percentage does not reflect three to four homes to be served.</p>	Project will replace private storm water infrastructure. No indication that the resulting infrastructure would be publicly owned and maintained.

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9	Bladenboro, Town of	Utility System Back-up Power Supply	LKC Engineering, PLLC	During Hurricane Matthew, the water and wastewater systems lost power, requiring the Town to bring in backup generators for the wells and lift stations. During this time, the maintenance shop lost power as well, inhibiting the Town's ability to monitor and control the water system remotely. The maintenance shop has a SCADA system that is used to monitor and control well operation. The Town of Bladenboro has two wells/maintenance shop that need backup generators. The water side will install an 81 kw, and a 150 kw generator at the two wells and a 77 kw generator at the maintenance shop. This will meet the need for permanent backup power supply for the Town's water system.	Yes			58.53%	Bladen	\$250,000	\$250,000	\$250,000	37.67	15.53	0	0	0	15.53	<p><b>1.C</b> (-10) Rehabilitation or replace infrastructure. No documentation provided per guidance.</p> <p><b>3.D</b> (-5) Source water or wellhead protection plan. No documentation provided per guidance.</p> <p><b>4.G</b> (-7.14) W&amp;S rates. No certified rates provided.</p>	<p><b>Special consideration for Hurricane Matthew.</b> This is the one project that most addresses a hurricane need in the entire lot. The application was submitted by the town manager.</p>

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**Revised 2-26-2018**

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	Funded in State Reserve and DWSRF
	Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% Grant Verified	Total Grant Amount	Total Loan Amount	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes
<b>FUNDING SUMMARY</b>							<b>\$163,794,149</b>		<b>\$15,322,097</b>	<b>\$37,709,666</b>									
1	Broad River Water Authority	Elms Drive Waterline	Odom Engineering	Consolidation of the failing Elm Acres subdivision water system	no	Rutherford	\$120,470	0%			\$120,470	90	90	25	33	12	20		
2	Maple Hill Water and Sewer District	Maple Hill Water and Sewer District Finished Water Supply Project	Pender County Utilities	Installation of 6,200 LF of 6-inch waterline to allow the Maple Hill Water and Sewer District to connect to the Onslow Water and Sewer Authority and disconnect from the existing supplier that is constrained by the Central Coastal Plain Capacity Use Area (CCPCUA)	yes	Pender	\$685,392	75%	\$514,044	\$171,348	\$685,392	73	64	12	30	0	22	Line Item 2.D - Project does not lead to compliance by the applicant but by the existing seller. Line Item 4.C - Number of LGU indicators recalculated.	
3	Stantonsburg, Town of	Stantonsburg Water System Improvements	Municipal Engineering Services Co., PA	Construction of a new well and 1,200 LF of 12-inch waterline to address CCPCUA restrictions	no	Wilson	\$620,000	50%	\$310,000	\$310,000	\$620,000	62	56	2	20	12	22	Line Item 2.O - Did not document resiliency or redundancy. Line Item 3.E - Narrative claims water loss reduction program is documented in tab 12; application has 11 tabs.	
4	Pilot Mountain, Town of	Town of Pilot Mountain Water Treatment Plant Upgrade	McGill Associates, P.A.	Either rehabilitation without expansion of the WTP or the installation of 33,000 LF of 12-inch waterline to interconnect with Mount Airy	yes	Surry	\$3,900,000	50%	\$1,950,000	\$1,950,000	\$3,978,000	63	53	20	0	15	18	Line Item 2.J - If interconnection, then no added treatment. Line Item 2.O - Project replaces rather than adds backup power.	
5	Lake Waccamaw, Town of	Public Water Supply Improvements (Wells #3 & #4)	Engineering Services, P.A.	Installation of two additional wells	no	Columbus	\$1,226,475	0%		\$1,226,475	\$1,226,475	52	52	10	13	15	14		
6	Pikeville, Town of	2017 Water System Improvements - Waterline Replacement	McDavid and Associates, Inc.	Replacement of 6,700 LF of 2-inch and 1,500 LF of 6-inch waterline	no	Wayne	\$228,000	100%	\$228,000		\$228,000	51	51	20	0	5	26		
7	Valdese, Town of	2018 Water System Upgrades Project	West Consultants, LLC	Replacement 10,410 LF of existing waterline and the installation of two new altitude valves	no	Burke	\$1,181,700	25%			\$1,205,334	51	51	20	0	15	16		
8	Valdese, Town of	Town of Valdese Water Plant Upgrades - MCC Raw & Finish Water	McGill Associates, P.A.	Replacement of motor control centers	no	Burke	\$842,770	25%	\$210,692	\$632,078	\$842,770	54	51	20	0	15	16	Line Item 2.O - Did not document resiliency or redundancy.	
9	Chowan County	Valhalla WTP Backwash Solids Handling	Rivers & Associates, Inc.	Installation of a backwash handling and disposal system including pump station, two settling/storage tanks, 300 LF of 12-inch force main, supernatant pump station, 62,000 LF of 10-inch force main, 1,500 LF of 12-inch discharge line and a diffuser to properly dispose of filter backwash	no	Chowan	\$8,562,000	25%	\$2,140,500		\$8,562,000	59	48	20	5	5	18	Line Item 1.B - Project does not meet the definition of failed infrastructure. Line Item 2.E.2 - Can score points for 2.E.1 or 2.E.2. Points given for 2.E.1. Line Item 2.J - Project does not improve quality of drinking water.	Propose to match SRP grant with DWSRF Loan
10	Henderson, City of	Kerr Lake Regional Water Treatment Plant Upgrade	CDM Smith	Expansion of the KLRWS WTP from 10 to 20 MGD	no	Vance	\$15,000,000	25%	\$3,000,000		\$39,893,000	51	48	10	14	12	12	Line Item 3.F - Water rate per gallon does not increase within the first 5,000 gallons.	Propose to match SRP grant with DWSRF Loan

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<b>FUNDING SUMMARY</b>							<b>\$163,794,149</b>		<b>\$15,322,097</b>	<b>\$37,709,666</b>									
11	Oxford, City of	2018 Water Line Replacements	McGill Associates, P.A.	Replacement of 20,400 LF of 6-inch and 8-inch waterline	yes	Granville	\$5,257,854	50%			\$5,257,854	56	48	20	0	10	18	Line Item 2.O - Did not document resiliency or redundancy. Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A. Line Item 3.D - Source Water Protection Plan Submitted belongs to a supplier, not the applicant.	SRP Grant and 0% loan of \$3,000,000/3 year cap exceeded in previous rounds
12	Robbins, Town of	2018 Water System Improvements	The Wooten Company	Installation of two in-tank TTHM removal systems and one new chlorine booster station	yes	Moore	\$624,240	50%	\$312,120	\$312,120	\$624,648	68	48	12	6	8	22	Line Item 2.B - Did not claim nor document required priority under 2.H or 2.I.	
13	Creswell, Town of	Water Treatment Plant Improvements	Engineering Services, P.A.	Installation of all 211 meters with an AMR system and rehabilitation of the WTP	no	Washington	\$755,170	75%	\$566,378	\$188,792	\$743,370	67	47	0	13	8	26	Line Item 1.C and 1.C.1 - Guidance excludes AMR.	
14	Plymouth, Town of	Water System Improvements	The Wooten Company	Replacement of 5,900 LF of 1.5-inch through 6-inch waterline with 6-inch waterline	yes	Washington	\$1,000,000	75%	\$750,000	\$250,000	\$1,000,000	58	47	20	0	5	22	Line Item 2.K - Narrative states current waterloss <30%. Line Item 3.D - Application lacks Wellhead Protection Plan Approval Letter. Line Item 3.F- Water rate per gallon does not increase within the first 5,000 gallons.	
15	Kinston, City of	Lawrence Heights Water Line Replacement Project	City of Kinston	Replacement of 8,745 LF of 6-inch waterline	no	Lenoir	\$920,025	50%	\$460,013	\$460,013	\$920,025	46	46	20	0	12	14		
16	Beech Mountain, Town of	2018 Water System Rehabilitation Project	West Consultants, LLC	Replacement of 17,300 LF of small-diameter waterline in the Charter Hills Road area with 6-inch lines	no	Watauga	\$1,740,000	0%		\$1,740,000	\$1,774,800	45	45	20	3	10	12		
17	Tuckaseegee Water and Sewer Authority	Cowan Valley Homeowner Association Water System Consolidation	Lofquist and Associates	Replacement of water lines needed to consolidate the Cowan Valley Estates into the TWSA	no	Jackson	\$323,040	0%		\$323,040	\$323,040	43	43	12	10	7	14		
18	Greene County	2017 Water System Improvements - SCADA Improvements	McDavid and Associates, Inc.	Installation of SCADA system upgrades	yes	Greene	\$745,000	75%	\$558,750	\$186,250	\$745,000	45	42	12	0	12	18	Line Item 3.B - AMP does not cover required areas Line Item 3.E - Do not perform hidden leak detection Line Item 3.F - Decreasing block rate	
19	Taylorville, Town of	Linneys Mountain Area Water System Improvements Project	West Consultants, LLC	Installation of 2,325 LF of 2-inch waterline paralleling existing waterline and an additional interconnection meter with Energy United Water System	no	Alexander	\$296,400	25%	\$74,100	\$222,300	\$302,328	44	42	2	15	5	20	Line Item 3.A - Project is not clearly shown on CIP.	



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<b>FUNDING SUMMARY</b>							<b>\$163,794,149</b>		<b>\$15,322,097</b>	<b>\$37,709,666</b>									
20	Warren County (Kerr Lake Regional Water System)	Kerr Lake Regional Water Treatment Plant Upgrade	CDM Smith	Expansion of the KLRWS WTP from 10 to 20 MGD	no	Warren	\$5,000,000	75%	\$3,000,000	\$2,000,000	\$39,893,000	54	41	10	6	5	20		Line Item 2.E.2 - NOV's issued to a different system, not the applicant. Line Item 2.L.3 - Warren County is not a party to the proposed interconnection (between Henderson and Oxford) related to this integrated project. Line Item 3.D - Source Water Protection Plan Submitted belongs to a supplier, not the applicant.
21	Winston-Salem, City of	Neilson WTP Modernization	Black & Veatch	Rehabilitation of the Nielson WTP	no	Forsyth	\$65,000,000	0%			\$65,000,000	40	40	20	6	8	6		
22	Mount Airy, City of	Maple/Merritt Street Area Water Improvements	The Lane Group	Replacement of 6,200 LF of 6-inch waterline	yes	Surry	\$963,100	0%		\$963,100	\$963,100	51	38	20	0	8	10		Line Item 2.K - Narrative states current waterloss <30%. Line Item 2.O - Narrative cites existing redundancies; project does not create redundancy. Line Item 3.A - CIP project matrix is not prioritized. Line Item 3.B - No AMP discussion in the narrative. 3.B: Narrative does not address the four key areas of AMP
23	Pinetops, Town of	Well No. 4 Replacement	The Wooten Company	Replacement of the existing Well #4 and 1,050 meters with an AMR system	no	Edgecombe	\$970,150	0%		\$970,150	\$970,150	50	34	0	3	15	16		Line Item 1.C and 1.C.1 - Guidance excludes AMR.
24	McGee's Crossroads Water District	NC 210 Water Main Improvements - Phase 2	Johnston County Public Utilities	Replacement of 14,900 LF of 12-inch waterline with 16-inch waterline	yes	Johnston	\$2,139,000	0%		\$2,139,000	\$2,181,780	29	29	12	0	5	12		
25	Smithfield, Town of	Smithfield Water Treatment Plant Improvements	The Wooten Company	2.1 MGD expansion and rehabilitation of the Smithfield WTP	no	Johnston	\$12,050,000	0%		\$12,050,000	\$15,300,000	27	27	2	3	8	14		
26	Maysville, Town of	Radio Road Meters	Draper Aden Associates	Replacement of 451 water meters with an AMR system	no	Jones	\$157,000	0%		\$157,000	\$157,000	19	25	0	0	5	20		Line Item 4.A - Claimed points not applicable to DWSRF program. Line Item 4.B - Current rate earned two points rather than four points claimed.
27	Goldsboro, City of	Water System Improvements	The Wooten Company	Installation of a new booster pump station and 17,800 feet of 6-inch through 10-inch waterline upsizing	no	Wayne	\$3,610,000	0%			\$3,682,200	26	24	2	10	0	12		3.A: Lacks documentation CIP was adopted

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<b>FUNDING SUMMARY</b>							<b>\$163,794,149</b>		<b>\$15,322,097</b>	<b>\$37,709,666</b>									
28	Hendersonville, City of	City of Hendersonville Northside Water System Improvements	McKim & Creed, Inc.	Installation of 1,500 LF of new waterline and replacement of one million-gallon ground storage tank and a 1,750-gpm booster pump station	no	Henderson	\$2,617,500	0%		\$2,617,500	\$2,669,850	32	24	12	3	5	4	Line Item 3.A - CIP covers five years. Line Item 3.C - Operating ratio calculated using information from "Water and Sewer Financial Information and Fund Transfer Certification".	
29	Southeastern Wayne Sanitary District	2017 Water System Improvements - Country Club and Genoa Loops	McDavid and Associates, Inc.	Installation of 7,900 LF of 6-inch and 7,000 LF of 12-inch waterline	no	Wayne	\$990,000	25%	\$247,500	\$742,500	\$990,000	35	18	0	0	0	18	Line Item 1.D - New waterlines are not expansion. Line Item 3.C - OR <1. Line Item 3.D - Application does not include approval letter. 3.E: Does not document hidden leak detection	
30	Archer Lodge Water District	500,000 Gallon Elevated Storage Tank	Johnston County Public Utilities	Installation of a new 500,000-gallon elevated storage tank	no	Johnston	\$1,701,000	0%		\$1,701,000	\$1,735,020	27	17	2	0	5	10	Line Item 2.L.3 - Project does not include interconnection. Line Item 2.O - Project does not include the interconnection claimed for redundancy. Line Item 4C - Did not provide documentation of ACS data cited; recalculated using default Johnston County data.	
31	Ingrams Township Water District	2018 Hydraulic Improvements	Johnston County Public Utilities	Installation of 13,700 LF of 16-inch water main	no	Johnston	\$2,950,000	0%		\$2,950,000	\$3,009,000	28	17	2	0	5	10	Line Item 2.L.3 - Did not provide map. Line Item 4.C - Did not provide documentation of ACS data cited; recalculated using default Johnston County data.	
32	McGee's Crossroads Water District	NC 210 Water Main Improvements - Phase 1	Johnston County Public Utilities	Replacement of 18,380 LF of 12-inch with 16-inch waterline	yes	Johnston	\$3,447,000	0%		\$3,447,000	\$3,546,540	29	17	0	0	5	12	Line Item 1.D - Project appears to be a waterline extension therefore new. Line Item 2.L.2: Did not provide required calculations.	
33	North Wilkesboro, Town of	Water System Improvements	Municipal Engineering Services Co., PA	Installation of a new 500,000-gallon elevated storage tank and upsizing of 4,200 LF of 6-inch to 12-inch waterline	no	Wilkes	\$3,046,863	0%			\$3,046,863	20	17	2	0	5	10	Line Item 2.O - Project does not provide resiliency or redundancy.	
34	Hendersonville, City of	New French Broad River Intake and Mills River Intake Relocation	Black & Veatch	Replacement and relocation of the Mills River Intake with the installation of a new 21 MGD intake on the French Broad River and 12 MGD raw water pump station	no	Henderson	\$14,124,000	0%			\$14,124,000	32	9	2	3	0	4	Line Item 1.C - Project is an expansion. Line Item 2.J - Intake is not a treatment. Line Item 3.B - CIP covers five years.	
35	Brevard, City of	Cathey's Creek Water Intake Rehabilitation and Stream Restoration	Jennings Environmental	Relocation of the Cathey's Creek water intake structure, roadbed stabilization and streambed enhancements	yes	Transylvania	\$1,000,000	0%	\$1,000,000		\$1,000,000	22	2	0	0	0	2	Line Item 1.C and 1.C.1 - No narrative provided.	Qualifies for 100% grant appropriated under Session Law 2017-57 Section 12.22.(a)(2)a

**Drinking Water State Reserve Projects - September 2017 Application Round - Agenda Item K-1**  
**Revised 2-26-2018**

The colors in this legend represent the example funding scenario described in the Staff Report.

	Funded in State Reserve
	Funded in DWSRF
	Funded in State Reserve and DWSRF
	Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% Grant Verified	Total Grant Amount	Total Loan Amount	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
<b>FUNDING SUMMARY</b>							\$163,794,149		\$15,322,097	\$37,709,666										
							Total Funded in Drinking Water State Reserve		\$15,322,097	\$37,709,666										
									\$53,031,763											

**Not Funding because applicant not eligible for the minimum acceptable grant percentage indicated in its application.**

36	Lucama, Town of	2017 Water System Improvements Phase 2	McDavid Associates, Inc.	Rehabilitation of the WTP including filter replacement and new controls, additional SCADA at both the WTP and wells, new production meters at the wells, backup power, and replacement of 2,728 LF of undersized waterline with 6-inch waterline	no	Wilson	\$2,227,200	25%	\$0	\$0	\$2,227,200	88	43	20	0	5	18	Line Item 2.B - Does not document required priority under 2.H or 2.I. Line Item 2.J - Project does not provide additional treatment. Line Item 3.A - CIP is 17 years old; project not identified. 3.E: did not document hidden leak detection program 3.F & 4B: Rate sheet not clearly in effect; used lower rates listed as "current" in year 2000 CIP	Project is not eligible for the 100% grant the applicant requires to move forward with the grant.
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**Ineligible application**

37	Crosby Utilities, Inc.	Baywood Forest SD Ion Exchange Filter Replacement	Lowry Engineering	Replacement of six aged ion exchange filters for radionuclide removal with a system that includes automated controls and backwashing	no	Wake	\$87,450	0%	\$0	\$0	\$87,450	63	30	20	0	0	10	Line Item 2.B - Does not document required priority under 2.H or 2.I. Line Item 2.I - Do not claim nor document any change in water quality. Line Item 2.J - Project does not provide additional treatment.	Investor-owned water corporation is not eligible for SRP but is eligible for SRF
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**Drinking Water State Revolving Fund (DWSRF) - September 2017 Application Round - Agenda Item K-2**

The colors in this legend represent the example funding scenario described in the Staff Report.

	Funded in State Reserve
	Funded in
	Funded in State Reserve and DWSRF
	Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Principal Forgiveness	Base DWSRF	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes
<b>FUNDING SUMMARY</b>							<b>\$163,881,599</b>	<b>\$1,120,470</b>	<b>\$64,732,367</b>									
1	Broad River Water Authority	Elms Drive Waterline	Odom Engineering	Consolidation of the failing Elm Acres subdivision water system	no	Rutherford	\$120,470	\$120,470		\$120,470	91	91	30	33	12	16		Qualifies for 100% PF due to receiving priority for eliminating a failing system
2	Maple Hill Water and Sewer District	Maple Hill Water and Sewer District Finished Water Supply Project	Pender County Utilities	Installation of 6,200 LF of 6-inch waterline to allow the Maple Hill Water and Sewer District to connect to the Onslow Water and Sewer Authority and disconnect from the existing supplier that is constrained by the Central Coastal Plain Capacity Use Area (CCPCUA)	yes	Pender	\$685,392			\$685,392	63	54	12	30	0	12		Line Item 2.D - Project does not lead to compliance by the applicant but by the existing seller. Line Item 4.C - Number of LGU indicators recalculated.
3	Valdese, Town of	2018 Water System Upgrades Project	West Consultants, LLC	Replacement 10,410 LF of existing waterline and the installation of two new altitude valves	no	Burke	\$1,181,700	\$500,000	\$681,700	\$1,205,334	47	47	20	0	15	12		
4	Valdese, Town of	Town of Valdese Water Plant Upgrades - MCC Raw & Finish Water	McGill Associates, P.A.	Replacement of motor control centers	no	Burke	\$842,770			\$842,770	50	47	20	0	15	12		Line Item 2.O - Did not document resiliency or redundancy.
5	Kinston, City of	Lawrence Heights Water Line Replacement Project	City of Kinston	Replacement of 8,745 LF of 6-inch waterline	no	Lenoir	\$920,025			\$920,025	46	46	20	0	12	14		
6	Stantonsburg, Town of	Stantonsburg Water System Improvements	Municipal Engineering Services Co., PA	Construction of a new well and 1,200 LF of 12-inch waterline to address CCPCUA restrictions	no	Wilson	\$620,000			\$620,000	52	46	2	20	12	12		Line Item 2.O - Did not document resiliency or redundancy. Line Item 3.E - Narrative claims water loss reduction program is documented in tab 12; application has 11 tabs.
7	Pilot Mountain, Town of	Town of Pilot Mountain Water Treatment Plant Upgrade	McGill Associates, P.A.	Either rehabilitation without expansion of the WTP or the installation of 33,000 LF of 12-inch waterline to interconnect with Mount Airy	yes	Surry	\$3,900,000			\$3,978,000	53	45	20	0	15	12		Line Item 2.J - If interconnection, then no added treatment. Line Item 2.O - Project replaces rather than adds backup power.
8	Henderson, City of	Kerr Lake Regional Water Treatment Plant Upgrade	CDM Smith	Expansion of the KLRWS WTP from 10 to 20 MGD	no	Vance	\$15,000,000		\$12,000,000	\$39,893,000	47	44	10	14	12	8		Line Item 3.F - Water rate per gallon does not increase within the first 5,000 gallons. Propose to match SRP grant with DWSRF Loan
9	Chowan County	Valhalla WTP Backwash Solids Handling	Rivers & Associates, Inc.	Installation of a backwash handling and disposal system including pump station, two settling/storage tanks, 300 LF of 12-inch force main, supernatant pump station, 62,000 LF of 10-inch force main, 1,500 LF of 12-inch discharge line and a diffuser to properly dispose of filter backwash	no	Chowan	\$8,562,000		\$6,421,500	\$8,562,000	58	42	20	5	5	12		Line Item 1.B - Project does not meet the definition of failed infrastructure. Line Item 2.E.2 - Can score points for 2.E.1 or 2.E.2. Points given for 2.E.1. Line Item 2.J - Project does not improve quality of drinking water. Propose to match SRP grant with DWSRF Loan

**Drinking Water State Revolving Fund (DWSRF) - September 2017 Application Round - Agenda Item K-2**

The colors in this legend represent the example funding scenario described in the Staff Report.

	Funded in State Reserve
	Funded in
	Funded in State Reserve and DWSRF
	Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Principal Forgiveness	Base DWSRF	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
<b>FUNDING SUMMARY</b>							<b>\$163,881,599</b>	<b>\$1,120,470</b>	<b>\$64,732,367</b>										
10	Lake Waccamaw, Town of	Public Water Supply Improvements (Wells #3 & #4)	Engineering Services, P.A.	Installation of two additional wells	no	Columbus	\$1,226,475			\$1,226,475	42	42	10	13	15	4			
11	Oxford, City of	2018 Water Line Replacements	McGill Associates, P.A.	Replacement of 20,400 LF of 6-inch and 8-inch waterline	yes	Granville	\$5,257,854	\$500,000	\$4,757,854	\$5,257,854	50	42	20	0	10	12	Line Item 2.O - Did not document resiliency or redundancy. Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A. Line Item 3.D - Source Water Protection Plan Submitted belongs to a supplier, not the applicant.	SRP Grant and 0% loan of \$3,000,000/3 year cap exceeded in previous rounds	
12	Pikeville, Town of	2017 Water System Improvements - Waterline Replacement	McDavid and Associates, Inc.	Replacement of 6,700 LF of 2-inch and 1,500 LF of 6-inch waterline	no	Wayne	\$228,000			\$228,000	41	41	20	0	5	16			
13	Plymouth, Town of	Water System Improvements	The Wooten Company	Replacement of 5,900 LF of 1.5-inch through 6-inch waterline with 6-inch waterline	yes	Washington	\$1,000,000			\$1,000,000	52	41	20	0	5	16	Line Item 2.K - Narrative states current waterloss <30%. Line Item 3.D - Application lacks Wellhead Protection Plan Approval Letter. Line Item 3.F- Water rate per gallon does not increase within the first 5,000 gallons.		
14	Winston-Salem, City of	Neilson WTP Modernization	Black & Veatch	Rehabilitation of the Nielson WTP	no	Forsyth	\$65,000,000		\$20,000,000	\$65,000,000	40	40	20	6	8	6			
15	Beech Mountain, Town of	2018 Water System Rehabilitation Project	West Consultants, LLC	Replacement of 17,300 LF of small-diameter waterline in the Charter Hills Road area with 6-inch lines	no	Watauga	\$1,740,000			\$1,774,800	39	39	20	3	10	6			
16	Robbins, Town of	2018 Water System Improvements	The Wooten Company	Installation of two in-tank TTHM removal systems and one new chlorine booster station	yes	Moore	\$624,240			\$624,648	58	38	12	6	8	12	Line Item 2.B - Did not claim nor document required priority under 2.H or 2.I.		
17	Creswell, Town of	Water Treatment Plant Improvements	Engineering Services, P.A.	Installation of all 211 meters with an AMR system and rehabilitation of the WTP	no	Washington	\$755,170			\$743,370	57	37	0	13	8	16	Line Item 1.C and 1.C.1 - Guidance excludes AMR.		
18	Tuckaseegee Water and Sewer Authority	Cowan Valley Homeowner Association Water System Consolidation	Lofquist and Associates	Replacement of water lines needed to consolidate the Cowan Valley Estates into the TWSA	no	Jackson	\$323,040			\$323,040	37	37	12	10	7	8			

**Drinking Water State Revolving Fund (DWSRF) - September 2017 Application Round - Agenda Item K-2**

The colors in this legend represent the example funding scenario described in the Staff Report.

	Funded in State Reserve
	Funded in
	Funded in State Reserve and DWSRF
	Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Principal Forgiveness	Base DWSRF	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes
<b>FUNDING SUMMARY</b>							<b>\$163,881,599</b>	<b>\$1,120,470</b>	<b>\$64,732,367</b>									
19	Greene County	2017 Water System Improvements - SCADA Improvements	McDavid and Associates, Inc.	Installation of SCADA system upgrades	yes	Greene	\$745,000			\$745,000	39	36	12	0	12	12	Line Item 3.B - AMP does not cover required areas Line Item 3.E - Do not perform hidden leak detection Line Item 3.F - Decreasing block rate	
20	Warren County (Kerr Lake Regional Water System)	Kerr Lake Regional Water Treatment Plant Upgrade	CDM Smith	Expansion of the KLRWS WTP from 10 to 20 MGD	no	Warren	\$5,000,000			\$39,893,000	48	35	10	6	5	14	Line Item 2.E.2 - NOVs issued to a different system, not the applicant. Line Item 2.L.3 - Warren County is not a party to the proposed interconnection (between Henderson and Oxford) related to this integrated project. Line Item 3.D - Source Water Protection Plan Submitted belongs to a supplier, not the applicant.	
21	Mount Airy, City of	Maple/Merritt Street Area Water Improvements	The Lane Group	Replacement of 6,200 LF of 6-inch waterline	yes	Surry	\$963,100			\$963,100	47	34	20	0	8	6	Line Item 2.K - Narrative states current waterloss <30%. Line Item 2.O - Narrative cites existing redundancies; project does not create redundancy. Line Item 3.A - CIP project matrix is not prioritized. Line Item 3.B - No AMP discussion in the narrative. 3.B: Narrative does not address the four key areas of AMP	Also considered for CDBG
22	Taylorsville, Town of	Linneys Mountain Area Water System Improvements Project	West Consultants, LLC	Installation of 2,325 LF of 2-inch waterline paralleling existing waterline and an additional interconnection meter with Energy United Water System	no	Alexander	\$296,400			\$302,328	34	32	2	15	5	10	Line Item 3.A - Project is not clearly shown on CIP.	
23	Pinetops, Town of	Well No. 4 Replacement	The Wooten Company	Replacement of the existing Well #4 and 1,050 meters with an AMR system	no	Edgecombe	\$970,150			\$970,150	40	28	0	3	15	10	Line Item 1.C and 1.C.1 - Guidance excludes AMR.	
24	Hendersonville, City of	City of Hendersonville Northside Water System Improvements	McKim & Creed, Inc.	Installation of 1,500 LF of new waterline and replacement of one million-gallon ground storage tank and a 1,750-gpm booster pump station	no	Henderson	\$2,617,500			\$2,669,850	32	24	12	3	5	4	Line Item 3.A - CIP covers five years. Line Item 3.C - Operating ratio calculated using information from "Water and Sewer Financial Information and Fund Transfer Certification".	
25	McGee's Crossroads Water District	NC 210 Water Main Improvements - Phase 2	Johnston County Public Utilities	Replacement of 14,900 LF of 12-inch waterline with 16-inch waterline	yes	Johnston	\$2,139,000			\$2,181,780	23	23	12	0	5	6		



**Drinking Water State Revolving Fund (DWSRF) - September 2017 Application Round - Agenda Item K-2**

The colors in this legend represent the example funding scenario described in the Staff Report.

	Funded in State Reserve
	Funded in
	Funded in State Reserve and DWSRF
	Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Principal Forgiveness	Base DWSRF	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
<b>FUNDING SUMMARY</b>							<b>\$163,881,599</b>	<b>\$1,120,470</b>	<b>\$64,732,367</b>										
26	Goldsboro, City of	Water System Improvements	The Wooten Company	Installation of a new booster pump station and 17,800 LF of 6-inch through 10-inch waterline	no	Wayne	\$3,610,000		\$3,610,000	\$3,682,200	24	22	2	10	0	10	Line Item 3.A - No documentation CIP was adopted.		
27	Smithfield, Town of	Smithfield Water Treatment Plant Improvements	The Wooten Company	2.1 MGD expansion and rehabilitation of the Smithfield WTP	no	Johnston	\$12,050,000			\$15,300,000	21	21	2	3	8	8			
28	Crosby Utilities, Inc.	Baywood Forest SD Ion Exchange Filter Replacement	Lowry Engineering	Replacement of six aged ion exchange filters for radionuclide removal with a system that includes automated controls and backwashing	no	Wake	\$87,450		\$87,450	\$87,450	53	20	20	0	0	0	Line Item 2.B - Does not document required priority under 2.H or 2.I. Line Item 2.I - Do not claim nor document any change in water quality. Line Item 2.J - Project does not provide additional treatment.		
29	North Wilkesboro, Town of	McAdams & Associates, Inc.	Municipal Engineering Services Co., PA	Installation of a new 500,000-gallon elevated storage tank and upsizing of 4,200 LF of 6-inch to 12-inch waterline	no	Wilkes	\$3,046,863		\$3,046,863	\$3,046,863	20	17	2	0	5	10	Line Item 2.O - Project does not provide resiliency or redundancy.		
30	Maysville, Town of	Radio Road Meters	Draper Aden Associates	Replacement of 451 water meters with an AMR system	no	Jones	\$157,000			\$157,000	19	15	0	0	5	10	Line Item 4.A - Claimed points not applicable to DWSRF program. Line Item 4.B - Current rate earned two points rather than four points claimed.		
31	Southeastern Wayne Sanitary District	2017 Water System Improvements - Country Club and Genoa Loops	McDavid and Associates, Inc.	Installation of 7,900 LF of 6-inch and 7,000 LF of 12-inch waterline	no	Wayne	\$990,000			\$990,000	29	12	0	0	0	12	Line Item 1.D - New waterlines are not expansion. Line Item 3.C - OR <1. Line Item 3.D - Application does not include approval letter. 3.E: Does not document hidden leak detection		
32	Archer Lodge Water District	500,000 Gallon Elevated Storage Tank	Johnston County Public Utilities	Installation of a new 500,000-gallon elevated storage tank	no	Johnston	\$1,701,000			\$1,735,020	21	11	2	0	5	4	Line Item 2.L.3 - Project does not include interconnection. Line Item 2.O - Project does not include the interconnection claimed for redundancy. Line Item 4C - Did not provide documentation of ACS data cited; recalculated using default Johnston County data.		
33	Ingrams Township Water District	2018 Hydraulic Improvements	Johnston County Public Utilities	Installation of 13,700 LF of 16-inch water main	no	Johnston	\$2,950,000			\$3,009,000	22	11	2	0	5	4	Line Item 2.L.3 - Did not provide map. Line Item 4.C - Did not provide documentation of ACS data cited; recalculated using default Johnston County data.		

**Drinking Water State Revolving Fund (DWSRF) - September 2017 Application Round - Agenda Item K-2**

The colors in this legend represent the example funding scenario described in the Staff Report.

	Funded in State Reserve
	Funded in
	Funded in State Reserve and DWSRF
	Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Principal Forgiveness	Base DWSRF	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
<b>FUNDING SUMMARY</b>							<b>\$163,881,599</b>	<b>\$1,120,470</b>	<b>\$64,732,367</b>										
34	McGee's Crossroads Water District	NC 210 Water Main Improvements - Phase 1	Johnston County Public Utilities	Replacement of 18,380 LF of 12-inch with 16-inch waterline	yes	Johnston	\$3,447,000			\$3,546,540	23	11	0	0	5	6	Line Item 1.D - Project appears to be a waterline extension therefore new. Line Item 2.L.2: Did not provide required calculations.		
35	Hendersonville, City of	New French Broad River Intake and Mills River Intake Relocation	Black & Veatch	Replacement and relocation of the Mills River Intake with the installation of a new 21 MGD intake on the French Broad River and 12 MGD raw water pump station	no	Henderson	\$14,124,000		\$14,127,000	\$14,124,000	32	9	2	3	0	4	Line Item 1.C - Project is an expansion. Line Item 2.J - Intake is not a treatment. Line Item 3.B - CIP covers five years.		
36	Brevard, City of	Cathey's Creek Water Intake Rehabilitation and Stream Restoration	Jennings Environmental	Relocation of the Cathey's Creek water intake structure, roadbed stabilization and streambed enhancements	yes	Transylvania	\$1,000,000			\$1,000,000	22	2	0	0	0	2	Line Item 1.C and 1.C.1 - No narrative provided.	Qualifies for 100% grant appropriated under Session Law 2017-57 Section 12.22.(a)(2)a	

<b>Total Funded in DWSRF</b>	<b>\$1,120,470</b>	<b>\$64,732,367</b>
	<b>\$65,852,837</b>	

**Not Funding because applicant not eligible for the minimum acceptable grant percentage indicated in its application.**

37	Lucama, Town of	2017 Water System Improvements Phase 2	McDavid Associates, Inc.	Rehabilitation of the WTP including filter replacement and new controls, additional SCADA at both the WTP and wells, new production meters at the wells, backup power, and replacement of +/- 2,728 LF of undersized waterline with 6-inch waterline	no	Wilson	\$2,227,200			\$2,227,200	78	33	20	0	5	8	Line Item 2.B - Does not document required priority under 2.H or 2.I. Line Item 2.J - Project does not provide additional treatment. Line Item 3.A - CIP is 17 years old; project not identified. 3.E: did not document hidden leak detection program 3.F & 4B: Rate sheet not clearly in effect; used lower rates listed as "current" in year 2000 CIP	Project is not eligible for the 100% grant the applicant requires to move forward with the grant.
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Wastewater State Reserve Projects - September 2017 Application Round - Agenda Item L-1				The colors in this legend represent the example funding scenario described in the Staff Report.																
Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% Grant Verified	Total Grant Amount	Total Loan Amount	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
<b>FUNDING SUMMARY</b>							<b>\$215,870,344</b>		<b>\$7,408,042</b>	<b>\$37,165,951</b>										
1	Farmville, Town of	Basin 5 North Sanitary Sewer Improvements	McDavid Associates, Inc.	Replacement of 3,340 LF of 8-inch gravity sewer	Yes	Pitt	\$1,512,000	100%	\$1,512,000	\$0	\$1,512,000	81	73	25	15	7	26	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Also considered for CDBG	
2	Farmville, Town of	Basin 5 South Sanitary Sewer Improvements	McDavid Associates, Inc.	Replacement of 2,100 LF of 8-inch gravity sewer	Yes	Pitt	\$1,102,000	100%	\$1,102,000	\$0	\$1,102,000	81	73	25	15	7	26	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Also considered for CDBG	
3	Enfield, Town of	2017 NC DEQ Sewer Project Phase 3	Engineering Services, PA	Installation of 2,670 LF of 8-inch and 850 LF of 10-inch gravity sewer to resolve failing septic tanks; replacement of pumps at PS #3	Yes	Halifax	\$546,425	75%	\$409,819	\$136,606	\$546,425	71	71	15	15	15	26			
4	Rhodiss, Town of	Sewer Rehabilitation and Improvements (Bid overruns from 2013 CDBG-I Sewer Project)	West Consultants, PLLC	Replacement of 4,400 LF of 6-inch with 8-inch gravity sewer	Yes	Burke/Caldwell	\$400,000	75%	\$300,000	\$100,000	\$400,000	81	71	25	15	5	26	Line Item 3.B - CIP provided is not a 10 year CIP.	This project is to cover overruns of a currently funded CDBG-I project that was scaled back	
5	Yadkin Valley Sewer Authority	2018 Collection System Rehabilitation Project	West Consultants, PLLC	Rehabilitation of 15,840 LF of 8-inch gravity sewer and Forest Hill PS; replacement of 765 LF of 8-inch gravity sewer, and replacement of 2,050 LF of 4-inch with 8-inch gravity sewer	Yes	Surry	\$1,615,774	75%	\$1,015,875	\$599,899	\$1,648,090	78	70	25	18	7	20	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Grant eligibility limited to \$1,015,875 due to \$3,000,000/3 year cap	
6	Scotland Neck, Town of	Phase V WWTP Improvements	Engineering Services, PA	Installation of a new 40-foot diameter clarifier, conversion of the existing 28-foot clarifier to a sludge thickener, and replacement of the tertiary filter sand media	No	Halifax	\$893,275	75%	\$669,956	\$223,319	\$907,791	68	68	25	6	15	22			
7	Pilot Mountain, Town of	Sunset Sewer Subbasin Rehabilitation Project	McGill Associates, PA	Replacement of 6,000 LF of 6-inch and 8-inch with 8-inch gravity sewer; upgrades to the Sunset PS and replacement of 1,180 LF of 4-inch force main; and installation of a new SCADA system	Yes	Surry	\$2,528,784	50%	\$1,264,392	\$1,264,392	\$2,528,784	77	67	25	15	5	22	Line Item 3.B - No AMP discussion in the narrative. No CIP matrix provided.		
8	Parmelee, Town of	2017 Sanitary Sewer Improvements - Pump Station/Force Main Renovation	McDavid Associates, Inc.	Rehabilitation of PS including replacement of pumps, piping, and valves	Yes	Martin	\$539,000	100%	\$539,000		\$539,000	71	63	15	15	7	26	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Also considered for CDBG	
9	Parmelee, Town of	2017 Sanitary Sewer Improvements - Sanitary Sewer Rehabilitation	McDavid Associates, Inc.	Rehabilitation of 2,500 LF of 8-inch gravity sewer and replacement of 400 LF of 8-inch gravity sewer	Yes	Martin	\$595,000	100%	\$595,000		\$595,000	71	63	15	15	7	26	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Also considered for CDBG	
10	Belhaven, Town of	Sanitary Sewer Collection System Rehabilitation	Stroud Engineering, PA	Replacement of 3,979 LF of 8-inch, 2,055 LF of 10-inch, and 1,599 LF of 12-inch gravity sewer	No	Beaufort	\$1,539,230	100%			\$1,539,230	50	60	25	0	5	30	Line Item 1.C.1 - Description mentions existing lines are over 45 years old and Exhibit B documents the age. No points claimed on score sheet, but points awarded based on narrative.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
11	Carthage, Town of	Sanitary Sewer System Improvements	McGill Associates, PA	Replacement of Lagoon PS and 4,000 LF of 8-inch gravity sewer	Yes	Moore	\$1,624,000	100%			\$1,624,000	60	58	25	0	5	28	Line Item 4.C - When using the OSBM population change data is better than benchmark therefore 4 of 5 indicators are worse than the benchmarks.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	

**Wastewater State Reserve Projects - September 2017 Application Round - Agenda Item L-1**

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	Funded in CWSRF
	Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% Grant Verified	Total Grant Amount	Total Loan Amount	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes
<b>FUNDING SUMMARY</b>							<b>\$215,870,344</b>		<b>\$7,408,042</b>	<b>\$37,165,951</b>									
12	Robersonville, Town of	Wastewater System Improvements	The Wooten Company	Find and fix for the rehabilitation/replacement of 3,500 LF of 8-inch gravity sewer	Yes	Martin	\$1,000,000	100%			\$1,000,000	68	58	25	0	5	28	Line Item 3.B - No AMP discussion in the narrative. CIP does not meet guidance requirements.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.
13	Kinston, City of	Lawrence Heights Sewer Replacement	City of Kinston	Replacement of 13,300 LF of 8-inch and 460 LF of 10-inch gravity sewer	Yes	Lenoir	\$3,299,600	25%			\$3,299,600	56	56	25	0	15	16		Also considered for CDBG
14	Warsaw, Town of	2017 Sanitary Sewer Improvements - WWTP Upgrade and Gravity Sewer Rehabilitation	McDavid Associates, Inc.	Find and Fix for rehabilitation/replacement of gravity sewer and replacement of pumps and tertiary filters at the WWTP	Yes	Duplin	\$4,000,000	50%			\$4,000,000	71	56	25	6	5	20	Line Item 2.C - Project does not clearly address cause of SSO.	
15	Beaufort, Town of	Sanitary Sewer Rehabilitation	Rivers & Associates, Inc.	Rehabilitation of 9,000 LF of 8-inch gravity sewer and replacement of 350 LF of 8-inch gravity sewer	Yes	Carteret	\$1,640,000	75%			\$1,672,800	54	54	25	0	5	24		This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.
16	Louisburg, Town of	WRF Clarifier Improvements; WAS/RAS Pump Replacements, Scum Pit Chopper Pump	Municipal Engineering Services Co., PA	Rehabilitation of both clarifiers, replacement of WAS/RAS pumps, and installation of new chopper pump in scum pit	Yes	Franklin	\$1,129,000	75%			\$1,157,500	65	54	25	0	7	22	Line Item 2.J - Project does not provide additional treatment to original design. Line Item 3.B - Narrative states AMP does not have good inventory of water and sewer lines. Gave CIP points instead, Line Item 3.A.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.
17	Raeford, City of	WWTP Rehabilitation	LKC Engineering	Rehabilitation of the WWTP including replacement of influent PS, equipment in primary clarifiers, mixers in aeration basins, RCP yard piping, rehabilitation of clarifier effluent launders, installation of new lime feed system, SCADA system, backup generator and operation building improvements.	No	Hoke	\$6,093,000	0%		\$6,093,000	\$6,215,000	77	54	25	0	15	14	Line Item 2.J - Project does not provide additional treatment to original design. Line Item 2.P - Project does not clearly benefit impairment to stream.	
18	Chowan County	Valhalla WTP Backwash Solids Handling	Rivers & Associates, Inc.	Installation of backwash pump station, 550 LF of 12-inch force main, two 480,000-gallon settling tanks, sludge storage tank, a supernatant pump station, and 62,000 LF of 10-inch force main, and 1,500 LF of 12-inch diffuser	No	Chowan	\$8,562,000	25%			\$8,733,240	79	53	25	5	5	18	Line Item 1.B - Applicant claimed 1.B and 1.C points. Project is not for failing infrastructure as defined in guidance. Line Item 2.C - Project is not for failing septic tanks and no documented SSOs reaching the stream. Line Item 2.E.2 - Can score points for 2.E.1 or 2.E.2. Applicant claimed both. Points given for 2.E.1. Line Item 2.J - Project does not provide additional treatment to original design.	Proposed to be funded through Drinking Water Program

**Wastewater State Reserve Projects - September 2017 Application Round - Agenda Item L-1**

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Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% Grant Verified	Total Grant Amount	Total Loan Amount	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes
<b>FUNDING SUMMARY</b>							<b>\$215,870,344</b>		<b>\$7,408,042</b>	<b>\$37,165,951</b>									
19	Robbins, Town of	2017 Sewer Rehabilitation	The Wooten Company	Find and Fix including inspection of 7,050 LF of gravity sewer, replacement of 1,135 LF of 8-inch gravity sewer, rehabilitation of 4,940 LF of 8-inch, 456 LF of 10-inch, and 419 LF of 12-inch gravity sewer	Yes	Moore	\$852,920	50%			\$852,920	65	52	25	0	5	22	Line Item 2.E.2 -Project does not clearly resolve cause of NOVs. Line Item 2.Q - Project does not clearly resolve impacts to stream.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.
20	Yadkin Valley Sewer Authority	2018 Pump Stations Rehabilitation Project	West Consultants, PLLC	Rehabilitation of Fox Hall PS, PVH PS, and the Hampton Inn PS to include replacement of pumps, rails, piping, valves, and valve vault; replacement of Shore Street PS with 1,670 LF of 8-inch gravity sewer, Dutchman Creek PS with 2,200 LF of 8-inch gravity sewer, and 100 LF of 3-inch force main for the Osborne Street PS, and repairs of equipment at the Regional PS due to settling	No	Surry	\$1,509,090	75%			\$1,539,272	60	52	25	0	7	20	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	
21	Dunn, Town of	Black River WWTP Aeration System Replacement	Davis-Martin Powell and Associates	Replacement of aeration system including diffusers, air piping and blowers	No	Harnett	\$2,500,000	25%	\$2,500,000	\$2,500,000	\$2,500,000	50	50	25	0	7	18		
22	Oxford, City of	2018 Sewer Line Replacements	McGill Associates, PA	Rehabilitation/replacement of 18,000 LF of 8-inch gravity sewer	Yes	Granville	\$4,696,493	75%			\$4,696,493	75	50	25	0	5	20	Line Item 2.C - Project does not clearly address cause of SSO. Line Item 3.B - No AMP discussion in the narrative. Project not clearly shown on CIP provided.	SRP Grant and 0% loan of \$3,000,000/3 year cap exceeded in previous rounds
23	Selma, Town of	2017 Sewer Rehabilitation	The Wooten Company	Rehabilitation/replacement of 6,300 LF of 10-inch to 15 inch gravity sewer	Yes	Johnston	\$2,000,000	75%			\$2,000,000	70	50	25	0	5	20	Line Item 2.P - Project does not clearly benefit impairment to stream.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.
24	Whiteville, City of	Mollies Branch Phase I Sewer Improvements	Engineering Services, PA	Replacement of 570 LF of 8-inch, 1,100 LF of 12-inch, and 4,230 LF of 15-inch gravity sewer	No	Columbus	\$1,014,159	50%	\$1,014,159	\$1,014,159	\$1,014,159	73	50	25	0	5	20	Line Item 2.C and Line Item 2.P. - No documented SSOs reaching the stream.	
25	Newton, City of	West A Street Sewer Rehabilitation	WithersRavenel	Replacement of 2,515 LF of 8-inch gravity sewer	No	Catawba	\$597,875	50%	\$597,875	\$597,875	\$597,875	73	48	25	0	5	18	Line Item 2.E.2 - Project does not clearly resolve cause of NOVs. Line Item 2.P - Project does not clearly benefit impairment to stream. Line Item 3.A - Project not clearly shown on CIP provided.	
26	Thomasville, City of	Hank's Branch Sanitary Sewer Rehabilitation, Phase II	Alley, Williams, Carmen & King	Rehabilitation of 5,500 LF of 8-inch to 18-inch gravity sewer	Yes	Davidson	\$1,400,000	75%			\$1,400,000	83	48	25	0	7	16	Line Item 2.C - Project does not clearly address cause of SSO. Line Item 2.P - Project does not clearly benefit impairment to stream.	Also considered for CDBG. SRP 0% loan of \$3,000,000/3 year cap exceeded in previous rounds.

**Wastewater State Reserve Projects - September 2017 Application Round - Agenda Item L-1**

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Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% Grant Verified	Total Grant Amount	Total Loan Amount	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
<b>FUNDING SUMMARY</b>							<b>\$215,870,344</b>		<b>\$7,408,042</b>	<b>\$37,165,951</b>										
27	Reidsville, City of	Wastewater Treatment Plant Improvements to Meet Nutrient Removal Requirements	McGill Associates, PA	Improvements to the Reidsville WWTP to implement a BNR process including installation of a new anaerobic basin with mixers, baffle wall in existing basin, and pumps; modifications to the diffused aeration system; and improvements to the RAS and WAS pump systems	No	Rockingham	\$3,963,089	50%			\$4,507,278	46	46	15	13	0	18			
28	Troutman, Town of	2018 Collection System Rehabilitation Project	West Consultants, PLLC	Replacement of 2,910 LF of 4-inch to 8-inch with 8-inch gravity sewer, Legend Lane PS with 1,700 LF of 8-inch gravity sewer, and rehabilitation of Quail Haven PS, Rimmer Farm Road PS, I-L Creek PS, and Iredell Avenue PS	Yes	Iredell	\$1,078,850	0%		\$1,078,850	\$1,100,427	46	46	25	0	7	14			
29	Troutman, Town of	2018 Collection System Rehabilitation Project - Green Component	West Consultants, PLLC	Replacement of Mill Village PS with 3,800 LF of 8-inch gravity sewer	No	Iredell	\$633,250	0%			\$645,915	46	46	25	0	7	14			
30	Tuckasegee Water & Sewer Authority	WWTP #2 Improvements - Phase 1	McGill Engineers	Upgrades to WWTP including replacement of headworks with new mechanical bar screen and grit removal system, influent pumps, transfer pumps, blowers, electrical controls, emergency generator, installation of a main electrical distribution switchboard and blower building; installation of SCADA system for pump stations; and replacement of pumps at Dillsboro PS	Yes	Jackson	\$2,576,600	0%		\$2,576,600	\$2,576,600	42	46	25	0	7	14	Line Item 4.A - Residential connections is less than 5,000.		
31	Beech Mountain, Town of	2018 Sewer System Rehabilitation Project	West Consultants, PLLC	Rehabilitation/replacement of 7,800 LF of 8-inch gravity sewer and 9,600 LF of 12-inch gravity sewer	No	Watauga	\$2,000,000	0%		\$2,000,000	\$2,040,000	44	44	25	0	7	12			
32	Engelhard Sanitary District	Engelhard Lagoon Closure and Dewatering Pump Station Restoration	Stroud Engineering, PA	Final stage of replacement of failed 9-acre facultative lagoon. Closure includes removal and disposal of 10 MG of effluent by land application on existing spray irrigation field, 500,000 gallons of sludge, synthetic liner; and fill of basin to original grade and revegetation. Rehabilitation of the Dewatering PS including a new bulkhead, stabilization of pumps, and reconfiguration of discharge piping.	No	Hyde	\$520,000	75%			\$520,000	94	44	15	0	5	24	Line Item 1.B - Applicant claimed 1.B and 1.C points. Project does not replace or repair failed spray/drip irrigation field or infiltration basin. Line Item 2.E.1 - All work was required to be completed by 12/1/2017. No extension information was provided, therefore, project is not required for compliance with SOC. Line Item 2.P and 2.Q - Based upon previous information provided by the Washington Region Office, the project does not directly benefit impaired waters. Extensive information was previously reviewed and no additional information was provided with this application.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	



**Wastewater State Reserve Projects - September 2017 Application Round - Agenda Item L-1**

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Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% Grant Verified	Total Grant Amount	Total Loan Amount	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
<b>FUNDING SUMMARY</b>							<b>\$215,870,344</b>		<b>\$7,408,042</b>	<b>\$37,165,951</b>										
33	Claremont, City of	McLin Creek WWTP Upgrade & Expansion	Wooten Engineering	Replacement of existing 300,000 GPD WWTP with new 625,000 GPD WWTP	Yes	Catawba	\$10,844,990	0%		\$10,844,990	\$10,844,990	43	43	12	6	7	18			
34	Winston-Salem, City of	Muddy Creek and Archie Elledge WWTP Phase II Rehabilitation Project - Digester Improvements and Thickening Facilities Upgrades	Black and Veatch	Improvements to Muddy Creek WWTP digester and thickening facilities and Archie Elledge WWTP thickening facilities	No	Forsyth	\$13,750,979	0%			\$13,750,979	38	38	25	0	5	8		\$100 Million indebtedness cap exceeded	
35	Goldsboro, City of	Wastewater System Improvements	The Wooten Company	Rehabilitation of 3,370 LF of 8-inch, 12-inch and 36-inch gravity sewer	Yes	Wayne	\$1,235,100	0%		\$1,235,100	\$1,259,802	39	37	25	0	0	12	Line Item 3.A - CIP provided. Meeting minutes showing adoption only has odd pages provided. Missing relevant pages showing adoption.		
36	Warren County	Pleasant Hill Pump Station Replacement	Rivers & Associates, Inc.	Replacement of Pleasant Hill PS	Yes	Warren	\$617,700	50%			\$617,700	55	37	12	0	5	20	Line Item 1.B - Applicant claimed 1.B and 1.C points. Project is not for failing infrastructure as defined in guidance nor clearly rehab/replacement. Therefore scored as expansion, Line Item 1.D.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
37	White Lake, Town of	Sanitary Sewer Improvements	Engineering Services, PA	Rehabilitation/replacement of 6,105 LF of 6-inch to 15-inch gravity sewer; rehabilitation of wetwell at LS #1, bar screen, grit removal system, and headworks at WWTP; and replacement of WWTP influent and effluent pipes	No	Bladen	\$2,037,546	0%		\$2,037,546	\$2,037,062	40	37	12	0	15	10	Line Item 2.E.2 -Project does not clearly resolve cause of NOV's.		
38	Saratoga, Town of	Saratoga-Wilson Sanitary Sewer Connection	Mack Gay Associates, PA	Installation of infrastructure to send all of Saratoga's wastewater to the City of Wilson which includes the installation of 7,150 LF of 6-inch force main from Varnell Street PS to Speight School Road PS, 18,000 LF of 8-inch force main from Speight School Road PS to Wilson's new Campus 587 PS, and upgrades to Speight School Road PS	Yes	Wilson	\$1,647,420	100%		\$1,647,420	\$1,647,420	73	35	2	0	5	28	Line Item 1.C - It appears part of the purpose of this project is to increase treatment capacity due to the oversized force main and letter from the City of Wilson granting the request for capacity in excess of 60,000 gpd as currently provided by the Town of Stantonsburg. Therefore scored as an expansion, Line Item 1.D. Line Item 2.C - No documentation provided to show this project will resolve failing infrastructure. Line Item 3.B - No AMP discussion in the narrative. No CIP provided.		

**Wastewater State Reserve Projects - September 2017 Application Round - Agenda Item L-1**

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Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% Grant Verified	Total Grant Amount	Total Loan Amount	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes
<b>FUNDING SUMMARY</b>							<b>\$215,870,344</b>		<b>\$7,408,042</b>	<b>\$37,165,951</b>									
39	Raleigh Public Utilities Department, City of	Neuse River RRF Bioenergy Recovery Program (Anaerobic Digester Project)	Hazen and Sawyer	Rehabilitation of existing Thickening Building, Belt Filter Press Building, Conveyor System, and Final Cake Storage Area. Construction of new sludge conditioning facilities (screening and dewatering); one (1) THP System; construction of two new 2.22 MG anaerobic digesters; new nitrogen side stream treatment process; new FOG receiving and pasteurization facility, and new gas storage, cleaning, and utilization facility.	Yes	Wake	\$45,000,000	0%			\$96,630,000	34	34	15	0	15	4		\$100 Million SRF indebtedness cap exceeded
40	Tyrrell County	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Installation of a new 25,000 LF low-pressure sewer system to service 74 lots	Yes	Tyrrell	\$3,000,000	100%			\$3,000,000	63	33	0	0	5	28	Line Item 1.B - New infrastructure since Health Department Letter does not reference houses in the project area. Line Item 2.C - Photos documenting straight piping do not reference any specific locations within the project area.	Project will serve 74 new connections at \$40,541 each. This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.
41	Norwood, Town of	Sanitary Sewer Rehabilitation	Chambers Engineering, PA	Replacement of the O'Neil PS with new 850 LF of 8-inch gravity sewer, and 890 LF of 6-inch with 8-inch gravity sewer; rehabilitation/replacement of 7,030 LF of gravity sewer; and upgrade of telemetry at 15 pump stations	Yes	Stanly	\$2,101,245	0%	\$2,101,245	\$2,101,245	\$2,101,245	47	28	12	0	0	16	Line Item 1.C - Applicant claimed 1.C and 1.D points. Project is an expansion. Line Item 4.B - Sewer rates were calculated incorrectly in application. Using the rate sheet provided we determined the rate was \$33.40/5,000 gallons.	
42	Charlotte Water, City of Charlotte	McAlpine Creek WWMF Clarifier and Aeration Rehabilitation Project	Black and Veatch	Rehabilitation of 16 secondary clarifiers including RAS pumping modifications, 28 aeration basins including blowers, diffusers, piping, instrumentation and ancillary components	No	Mecklenburg	\$39,539,000	0%			\$69,539,000	87	26	15	0	5	6	Line Item 1.C.1 - Insufficient documentation to determine that 50% of the project cost is replacing aged equipment. Line Item 2.C - No narrative provided. Line Item 2.J - Project does not provide additional treatment to original design. Line Item 2.P - Project does not directly benefit impaired waters. Line Item 2.S - Insufficient documentation to determine 50% of the project cost is related to achieving energy reduction. Line Item 3.A and 3.B - There is no documentation showing that the revised CIP was adopted. Line Item 4.B - Applicant claimed points based on combined water/sewer rate instead of sewer only.	Reconsideration for additional funding from previous round
43	Andrews, Town of	Project Wildcat	Vaughn & Melton	Installation of new 7,000 LF of 8-inch gravity sewer to serve Snowbird Wilderness Outfitters	Yes	Cherokee	\$1,114,950	0%	\$1,114,950	\$1,114,950	\$1,114,950	16	16	0	0	0	16		Project will serve 41 new connections at \$27,194 each

**Wastewater State Reserve Projects - September 2017 Application Round - Agenda Item L-1**

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Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	% Grant Verified	Total Grant Amount	Total Loan Amount	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes		
<b>FUNDING SUMMARY</b>							<b>\$215,870,344</b>		<b>\$7,408,042</b>	<b>\$37,165,951</b>											
44	Johnston County	McGee's Sewer Upgrade Phase 2 - Middle Creek Interceptor & Pump Station	Morris & Ritchie Associates of NC, PC	Installation of new 8,200 LF of 24-inch gravity sewer, Middle Creek PS, and modification to existing McGee's PS	No	Johnston	\$3,600,000	0%			\$3,672,000	19	15	0	0	5	10	Line Item 1.D - Project is new infrastructure not an expansion. Line Item 3.A - Project not clearly shown on CIP provided. Projects listed don't match project applied for.			
45	King, City of	Wastewater Treatment Facility	Hulsey, McCormick and Wallace	Installation of a new 1.5 MGD BNR WWTF with 300 to 350 acres land application and 21,650 LF of new 18-inch gravity sewer	Yes	Stokes/ Forsyth	\$27,420,000	0%			\$28,045,000	35	14	2	0	0	12	Line Item 1.D - Scored as expansion. Line Item 2.P - Project does not directly benefit impaired waters. Line Item 2.R - Project does not include the elimination of an NPDES discharge.	Purpose of project is to reduce sewer cost. Sewer service is currently provided by CCUC.		
							<b>Total Funded in Wastewater State Reserve</b>		<b>\$7,408,042</b>	<b>\$37,165,951</b>											
									<b>\$44,573,993</b>												

**Not Funding because applicant not eligible for the minimum acceptable grant percentage indicated in its application.**

46	Ramseur, Town of	2017 Sewer Rehabilitation	The Wooten Company	Rehabilitation of 2,700 LF of 8-inch gravity sewer	Yes	Randolph	\$369,215	0%			\$369,215	43	43	15	3	5	20		Operating ratio is greater than 1.3 with project. Not eligible for 25% SRP grant required.
47	Whitakers, Town of	2017 NCDEQ Sewer Project	Mack Gay Associates, PA	Rehabilitation/replacement of 13,180 LF of 8-inch gravity sewer; rehabilitation of Walnut Cove Street PS, Main PS, and Taylor Estates Street PS.	Yes	Nash/Edgecombe	\$2,645,565	0%			\$2,645,565	68	58	25	0	5	28	Line Item 3.B - No documentation provided adopting AMP or updated CIP.	Also considered for CDBG. Operating ratio is greater than 1.3 with project. Not eligible for 100% SRP grant required.

**Incomplete application**

48	Grantsboro, Town of	2017 Sewer System Extension Project	McDavid Associates, Inc.		Yes	Pamlico	\$2,000,000				\$2,000,000								Also considered for CDBG. No Fund Transfer Certification.
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**Clean Water State Revolving Fund (CWSRF) - September 2017 Application Round - Agenda Item L-2**

The colors in this legend represent the example funding scenario described in the Staff Report.  
 Funded in State Reserve  
 Funded in CWSRF  
 Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Green Project Reserve	Principal Forgiveness	Base CWSRF	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes				
<b>FUNDING SUMMARY</b>							<b>\$216,239,559</b>	<b>\$633,250</b>	<b>\$1,500,000</b>	<b>\$50,968,272</b>													
1	Farmville, Town of	Basin 5 North Sanitary Sewer Improvements	McDavid Associates, Inc.	Replacement of 3,340 LF of 8-inch gravity sewer	Yes	Pitt	\$1,512,000				\$1,512,000	75	67	25	15	7	20	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Also considered for CDBG				
2	Farmville, Town of	Basin 5 South Sanitary Sewer Improvements	McDavid Associates, Inc.	Replacement of 2,100 LF of 8-inch gravity sewer	Yes	Pitt	\$1,102,000				\$1,102,000	75	67	25	15	7	20	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Also considered for CDBG				
3	Yadkin Valley Sewer Authority	2018 Collection System Rehabilitation Project	West Consultants, PLLC	Rehabilitation of 15,840 LF of 8-inch gravity sewer and Forest Hill PS; replacement of 765 LF of 8-inch gravity sewer, and replacement of 2,050 LF of 4-inch with 8-inch gravity sewer	Yes	Surry	\$1,615,774				\$1,648,090	72	64	25	18	7	14	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Grant eligibility limited to \$1,015,875 due to \$3,000,000/3 year cap				
4	Scotland Neck, Town of	Phase V WWTP Improvements	Engineering Services, PA	Installation of a new 40-foot diameter clarifier, conversion of the existing 28-foot clarifier to a sludge thickener, and replacement of the tertiary filter sand media	No	Halifax	\$893,275				\$907,791	62	62	25	6	15	16						
5	Rhodhiss, Town of	Sewer Rehabilitation and Improvements (Bid overruns from 2013 CDBG-I Sewer Project)	West Consultants, PLLC	Replacement of 4,400 LF of 6-inch with 8-inch gravity sewer	Yes	Burke/Caldwell	\$400,000				\$400,000	71	61	25	15	5	16	Line Item 3.B - CIP provided is not a 10 year CIP.	This project is to cover overruns of a currently funded CDBG-I project that was scaled back				
6	Enfield, Town of	2017 NC DEQ Sewer Project Phase 3	Engineering Services, PA	Installation of 2,670 LF of 8-inch and 850 LF of 10 inch gravity sewer to resolve failing septic tanks; replacement of pumps at PS #3	Yes	Halifax	\$546,425				\$546,425	61	61	15	15	15	16						
7	Pilot Mountain, Town of	Sunset Sewer Subbasin Rehabilitation Project	McGill Associates, PA	Replacement of 6,000 LF of 6-inch and 8-inch with 8-inch gravity sewer; upgrades to the Sunset PS and replacement of 1,180 LF of 4-inch force main; and installation of a new SCADA system	Yes	Surry	\$2,528,784				\$2,528,784	67	57	25	15	5	12	Line Item 3.B - No AMP discussion in the narrative. No CIP matrix provided.					
8	Parmele, Town of	2017 Sanitary Sewer Improvements - Pump Station/Force Main Renovation	McDavid Associates, Inc.	Rehabilitation of PS including replacement of pumps, piping, and valves	Yes	Martin	\$539,000				\$539,000	61	53	15	15	7	16	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Also considered for CDBG				
9	Parmele, Town of	2017 Sanitary Sewer Improvements - Sanitary Sewer Rehabilitation	McDavid Associates, Inc.	Rehabilitation of 2,500 LF of 8-inch gravity sewer and replacement of 400 LF of 8-inch gravity sewer	Yes	Martin	\$595,000				\$595,000	61	53	15	15	7	16	Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.	Also considered for CDBG				
10	Kinston, City of	Lawrence Heights Sewer Replacement	City of Kinston	Replacement of 13,300 LF of 8-inch and 460 LF of 10-inch gravity sewer	Yes	Lenoir	\$3,299,600		\$500,000	\$2,799,600	\$3,299,600	52	52	25	0	15	12		Also considered for CDBG				

**Clean Water State Revolving Fund (CWSRF) - September 2017 Application Round - Agenda Item L-2**

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Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Green Project Reserve	Principal Forgiveness	Base CWSRF	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
<b>FUNDING SUMMARY</b>							<b>\$216,239,559</b>	<b>\$633,250</b>	<b>\$1,500,000</b>	<b>\$50,968,272</b>										
11	Belhaven, Town of	Sanitary Sewer Collection System Rehabilitation	Stroud Engineering, PA	Replacement of 3,979 LF of 8-inch, 2,055 LF of 10-inch, and 1,599 LF of 12-inch gravity sewer	No	Beaufort	\$1,539,230				\$1,539,230	40	50	25	0	5	20	Line Item 1.C.1 - Description mentions existing lines are over 45 years old and Exhibit B documents the age. No points claimed on score sheet, but points awarded based on narrative.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
12	Warsaw, Town of	2017 Sanitary Sewer Improvements - WWTP Upgrade and Gravity Sewer Rehabilitation	McDavid Associates, Inc.	Find and Fix for rehabilitation/replacement of gravity sewer and replacement of pumps and tertiary filters at the WWTP	Yes	Duplin	\$4,000,000		\$500,000	\$3,500,000	\$4,000,000	65	50	25	6	5	14	Line Item 2.C - Project does not clearly address cause of SSO.		
13	Dunn, Town of	Black River WWTP Aeration System Replacement	Davis-Martin Powell and Associates	Replacement of aeration system including diffusers, air piping and blowers	No	Harnett	\$2,500,000				\$2,500,000	49	49	25	5	7	12			
14	Beaufort, Town of	Sanitary Sewer Rehabilitation	Rivers & Associates, Inc.	Rehabilitation of 9,000 LF of 8-inch gravity sewer and replacement of 350 LF of 8-inch gravity sewer	Yes	Carteret	\$1,640,000				\$1,672,800	48	48	25	0	5	18		This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
15	Carthage, Town of	Sanitary Sewer System Improvements	McGill Associates, PA	Replacement of Lagoon PS and 4,000 LF of 8-inch gravity sewer	Yes	Moore	\$1,624,000				\$1,624,000	50	48	25	0	5	18	Line Item 4.C - When using the OSBM population change data is better than benchmark therefore 4 of 5 indicators are worse than the benchmarks.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
16	Louisburg, Town of	WRF Clarifier Improvements; WAS/RAS Pump Replacements, Scum Pit Chopper Pump	Municipal Engineering Services Co., PA	Rehabilitation of both clarifiers, replacement of WAS/RAS pumps, and installation of new chopper pump in scum pit	Yes	Franklin	\$1,129,000				\$1,157,500	59	48	25	0	7	16	Line Item 2.J - Project does not provide additional treatment to original design. Line Item 3.B - Narrative states AMP does not have good inventory of water and sewer lines. Gave CIP points instead, Line Item 3.A.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
17	Raeford, City of	WWTP Rehabilitation	LKC Engineering	Rehabilitation of the WWTP including replacement of Influent PS, equipment in primary clarifiers, mixers in aeration basins, RCP yard piping, rehabilitation of clarifier effluent launders, installation of new lime feed system, SCADA system, backup generator and operation building improvements.	No	Hoke	\$6,093,000				\$6,215,000	71	48	25	0	15	8	Line Item 2.J - Project does not provide additional treatment to original design. Line Item 2.P - Project does not clearly benefit impairment to stream.		

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<b>FUNDING SUMMARY</b>							<b>\$216,239,559</b>	<b>\$633,250</b>	<b>\$1,500,000</b>	<b>\$50,968,272</b>										
18	Robersonville, Town of	Wastewater System Improvements	The Wooten Company	Find and fix for the rehabilitation/replacement of 3,500 LF of 8-inch gravity sewer	Yes	Martin	\$1,000,000				\$1,000,000	58	48	25	0	5	18	Line Item 3.B - No AMP discussion in the narrative. CIP does not meet guidance requirements.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
19	Chowan County	Valhalla WTP Backwash Solids Handling	Rivers & Associates, Inc.	Installation of backwash pump station, 550 LF of 12-inch force main, two 480,000-gallon settling tanks, sludge storage tank, a supernatant pump station, and 62,000 LF of 10-inch force main, and 1,500 LF of 12-inch diffuser	No	Chowan	\$8,562,000				\$8,733,240	73	47	25	5	5	12	Line Item 1.B - Applicant claimed 1.B and 1.C points. Project is not for failing infrastructure as defined in guidance. Line Item 2.C - Project is not for failing septic tanks and no documented SSOs reaching the stream. Line Item 2.E.2 - Can score points for 2.E.1 or 2.E.2. Applicant claimed both. Points given for 2.E.1. Line Item 2.J - Project does not provide additional treatment to original design.	Proposed to be funded through Drinking Water Program	
20	Yadkin Valley Sewer Authority	2018 Pump Stations Rehabilitation Project	West Consultants, PLLC	Rehabilitation of Fox Hall PS, PVH PS, and the Hampton Inn PS to include replacement of pumps, rails, piping, valves, and valve vault; replacement of Shore Street PS with 1,670 LF of 8-inch gravity sewer, Dutchman Creek PS with 2,200 LF of 8-inch gravity sewer, and 100 LF of 3-inch force main for the Osborne Street PS, and repairs of equipment at the Regional PS due to settling	No	Surry	\$1,509,090		\$500,000	\$1,009,090	\$1,539,272	59	46	25	0	7	14	Line Item 2.S - Insufficient documentation to determine 50% of the project cost is related to achieving energy reduction. Line Item 3.B - No AMP discussion in the narrative. Gave CIP points instead, Line Item 3.A.		
21	Thomasville, City of	Hank's Branch Sanitary Sewer Rehabilitation, Phase II	Alley, Williams, Carmen & King	Rehabilitation of 5,500 LF of 8-inch to 18-inch gravity sewer	Yes	Davidson	\$1,400,000			\$1,400,000	\$1,400,000	81	46	25	0	7	14	Line Item 2.C - Project does not clearly address cause of SSO. Line Item 2.P - Project does not clearly benefit impairment to stream.	Also considered for CDBG	
22	Troutman, Town of	2018 Collection System Rehabilitation Project - Green Component	West Consultants, PLLC	Replacement of Mill Village PS with 3,800 LF of 8-inch gravity sewer	No	Iredell	\$633,250	\$633,250			\$645,915	45	45	25	5	7	8			
23	Oxford, City of	2018 Sewer Line Replacements	McGill Associates, PA	Rehabilitation/replacement of 18,000 LF of 8-inch gravity sewer	Yes	Granville	\$4,696,493			\$4,696,493	\$4,696,493	69	44	25	0	5	14	Line Item 2.C - Project does not clearly address cause of SSO. Line Item 3.B - No AMP discussion in the narrative. Project not clearly shown on CIP provided.	SRP Grant and 0% loan of \$3,000,000/3 year cap exceeded in previous rounds	



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<b>FUNDING SUMMARY</b>							<b>\$216,239,559</b>	<b>\$633,250</b>	<b>\$1,500,000</b>	<b>\$50,968,272</b>										
24	Selma, Town of	2017 Sewer Rehabilitation	The Wooten Company	Rehabilitation/replacement of 6,300 LF of 10-inch to 15 inch gravity sewer	Yes	Johnston	\$2,000,000				\$2,000,000	64	44	25	0	5	14	Line Item 2.P - Project does not clearly benefit impairment to stream.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
25	Whiteville, City of	Mollies Branch Phase I Sewer Improvements	Engineering Services, PA	Replacement of 570 LF of 8-inch, 1,100 LF of 12-inch, and 4,230 LF of 15-inch gravity sewer	No	Columbus	\$1,014,159				\$1,014,159	67	44	25	0	5	14	Line Item 2.C and Line Item 2.P. - No documented SSOs reaching the stream.		
26	Newton, City of	West A Street Sewer Rehabilitation	WithersRavenel	Replacement of 2,515 LF of 8-inch gravity sewer	No	Catawba	\$597,875				\$597,875	67	42	25	0	5	12	Line Item 2.E.2 - Project does not clearly resolve cause of NOVs. Line Item 2.P - Project does not clearly benefit impairment to stream. Line Item 3.A - Project not clearly shown on CIP provided.		
27	Robbins, Town of	2017 Sewer Rehabilitation	The Wooten Company	Find and Fix including inspection of 7,050 LF of gravity sewer, replacement of 1,135 LF of 8-inch gravity sewer, rehabilitation of 4,940 LF of 8-inch, 456 LF of 10-inch, and 419 LF of 12-inch gravity sewer	Yes	Moore	\$852,920				\$852,920	55	42	25	0	5	12	Line Item 2.E.2 -Project does not clearly resolve cause of NOVs. Line Item 2.Q - Project does not clearly resolve impacts to stream.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
28	Reidsville, City of	Wastewater Treatment Plant Improvements to Meet Nutrient Removal Requirements	McGill Associates, PA	Improvements to the Reidsville WWTP to implement a BNR process including installation of a new anaerobic basin with mixers ,baffle wall in existing basin, and pumps; modifications to the diffused aeration system; and improvements to the RAS and WAS pump systems	No	Rockingham	\$3,963,089			\$3,963,089	\$4,507,278	42	42	15	13	0	14			
29	Troutman, Town of	2018 Collection System Rehabilitation Project	West Consultants, PLLC	Replacement of 2,910 LF of 4-inch to 8-inch with 8-inch gravity sewer, Legend Lane PS with 1,700 LF of 8-inch gravity sewer, and rehabilitation of Quail Haven PS, Rimmer Farm Road PS, I-L Creek PS, and Iredell Avenue PS	Yes	Iredell	\$1,078,850				\$1,100,427	40	40	25	0	7	8			
30	Tuckasee Water & Sewer Authority	WWTP #2 Improvements - Phase 1	McGill Engineers	Upgrades to WWTP including replacement of headworks with new mechanical bar screen and grit removal system, influent pumps, transfer pumps, blowers, electrical controls, emergency generator, installation of a main electrical distribution switchboard and blower building; installation of SCADA system for pump stations; and replacement of pumps at Dillsboro PS.	Yes	Jackson	\$2,576,600				\$2,576,600	40	40	25	0	7	8	Line Item 4.A - Residential connections is less than 5,000.		

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31	Raleigh Public Utilities Department, City of	Neuse River RRF Bioenergy Recovery Program (Anaerobic Digester Project)	Hazen and Sawyer	Rehabilitation of existing Thickening Building, Belt Filter Press Building, Conveyor System, and Final Cake Storage Area. Construction of new sludge conditioning facilities (screening and dewatering); one (1) THP System; construction of two new 2.22 MG anaerobic digesters; new nitrogen side stream treatment process; new FOG receiving and pasteurization facility, and new gas storage, cleaning, and utilization facility.	Yes	Wake	\$45,000,000				\$96,630,000	39	39	15	5	15	4		\$100 Million indebtedness cap exceeded	
32	Beech Mountain, Town of	2018 Sewer System Rehabilitation Project	West Consultants, PLLC	Rehabilitation/replacement of 7,800 LF of 8-inch gravity sewer and 9,600 LF of 12-inch gravity sewer	No	Watauga	\$2,000,000				\$2,040,000	38	38	25	0	7	6			
33	Winston-Salem, City of	Muddy Creek and Archie Elledge WWTP Phase II Rehabilitation Project - Digester Improvements and Thickening Facilities Upgrades	Black and Veatch	Improvements to Muddy Creek WWTP digester and thickening facilities and Archie Elledge WWTP thickening facilities	No	Forsyth	\$13,750,979				\$13,750,979	38	38	25	0	5	8		\$100 Million indebtedness cap exceeded	
34	Goldensboro, City of	Wastewater System Improvements	The Wooten Company	Rehabilitation of 3,370 LF of 8-inch, 12-inch and 36-inch gravity sewer	Yes	Wayne	\$1,235,100				\$1,259,802	37	35	25	0	0	10	Line Item 3.A - CIP provided. Meeting minutes showing adoption only has odd pages provided. Missing relevant pages showing adoption.		
35	Engelhard Sanitary District	Engelhard Lagoon Closure and Dewatering Pump Station Restoration	Stroud Engineering, PA	Final stage of replacement of failed 9-acre facultative lagoon. Closure includes removal and disposal of 10 MG of effluent by land application on existing spray irrigation field, 500,000 gallons of sludge, synthetic liner; and fill of basin to original grade and revegetation. Rehabilitation of the Dewatering PS including a new bulkhead, stabilization of pumps, and reconfiguration of discharge piping.	No	Hyde	\$520,000				\$520,000	84	34	15	0	5	14	Line Item 1.B - Applicant claimed 1.B and 1.C points. Project does not replace or repair failed spray/drip irrigation field or infiltration basin. Line Item 2.E.1 - All work was required to be completed by 12/1/2017. No extension information was provided, therefore, project is not required for compliance with SOC. Line Item 2.P and 2.Q - Based upon previous information provided by the Washington Region Office, the project does not appear to directly benefit impaired waters. Extensive information was previously reviewed and no additional information was provided with this application.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	

**Clean Water State Revolving Fund (CWSRF) - September 2017 Application Round - Agenda Item L-2**

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36	Ramseur, Town of	2017 Sewer Rehabilitation	The Wooten Company	Rehabilitation of 2,700 LF of 8-inch gravity sewer	Yes	Randolph	\$369,215				\$369,215	33	33	15	3	5	10		Operating ratio is greater than 1.5 with project. Not eligible for a grant. This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
37	Claremont, City of	McLin Creek WWTP Upgrade & Expansion	Wooten Engineering	Replacement of existing 300,000 GPD WWTP with new 625,000 GPD WWTP	Yes	Catawba	\$10,844,990				\$10,844,990	33	33	12	6	7	8			
38	White Lake, Town of	Sanitary Sewer Improvements	Engineering Services, PA	Rehabilitation/replacement of 6,105 LF of 6-inch to 15-inch gravity sewer; rehabilitation of wetwell at LS #1, bar screen, grit removal system, and headworks at WWTP; and replacement of WWTP influent and effluent pipes	No	Bladen	\$2,037,546				\$2,037,062	34	31	12	0	15	4	Line Item 2.E.2 -Project does not clearly resolve cause of NOVs.		
39	Warren County	Pleasant Hill Pump Station Replacement	Rivers & Associates, Inc.	Replacement of Pleasant Hill PS	Yes	Warren	\$617,700				\$617,700	45	27	12	0	5	10	Line Item 1.B - Applicant claimed 1.B and 1.C points. Project is not for failing infrastructure as defined in guidance nor clearly rehab/replacement. Therefore scored as expansion, Line Item 1.D.	This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.	
40	Charlotte Water, City of Charlotte	McAlpine Creek WWMF Clarifier and Aeration Rehabilitation Project	Black and Veatch	Rehabilitation of 16 secondary clarifiers including RAS pumping modifications, 28 aeration basins including blowers, diffusers, piping, instrumentation and ancillary components	No	Mecklenburg	\$39,539,000			\$30,000,000	\$69,539,000	87	26	15	0	5	6	Line Item 1.C.1 - Insufficient documentation to determine that 50% of the project cost is replacing aged equipment. Line Item 2.C - No narrative provided. Line Item 2.J - Project does not provide additional treatment to original design. Line Item 2.P - Project does not directly benefit impaired waters. Line Item 2.S - Insufficient documentation to determine 50% of the project cost is related to achieving energy reduction. Line Item 3.A and 3.B - There is no documentation showing that the revised CIP was adopted. Line Item 4.B - Applicant claimed points based on combined water/sewer rate instead of sewer only.	Reconsideration for additional funding from previous round	

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41	Saratoga, Town of	Saratoga-Wilson Sanitary Sewer Connection	Mack Gay Associates, PA	Installation of infrastructure to send all of Saratoga's wastewater to the City of Wilson which includes the installation of 7,150 LF of 6-inch force main from Varnell Street PS to Speight School Road PS, 18,000 LF of 8-inch force main from Speight School Road PS to Wilson's new Campus 587 PS, and upgrades to Speight School Road PS	Yes	Wilson	\$1,647,420				\$1,647,420	63	25	2	0	5	18	Line Item 1.C - It appears part of the purpose of this project is to increase treatment capacity due to the oversized force main and letter from the City of Wilson granting the request for capacity in excess of 60,000 gpd as currently provided by the Town of Stantonburg. Therefore scored as an expansion, Line Item 1.D. Line Item 2.C - No documentation provided to show this project will resolve failing infrastructure. Line Item 3.B - No AMP discussion in the narrative. No CIP provided.	
42	Tyrrell County	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Installation of a new 25,000 LF low-pressure sewer system to service 74 lots	Yes	Tyrrell	\$3,000,000				\$3,000,000	53	23	0	0	5	18	Line Item 1.B - New infrastructure since Health Department Letter does not reference houses in the project area. Line Item 2.C - Photos documenting straight piping do not reference any specific locations within the project area.	Project will serve 74 new connections at \$40,541 each. This Applicant indicated the project would not move forward without grant funds. There are not sufficient grant funds available; therefore, this project is not funded.
43	Norwood, Town of	Sanitary Sewer Rehabilitation	Chambers Engineering, PA	Replacement of the O'Neil PS with new 850 LF of 8-inch gravity sewer, and 890 LF of 6-inch with 8-inch gravity sewer; rehabilitation/replacement of 7,030 LF of gravity sewer; and upgrade of telemetry at 15 pump stations	Yes	Stanly	\$2,101,245				\$2,101,245	37	18	12	0	0	6	Line Item 1.C - Applicant claimed 1.C and 1.D points. Project is an expansion. Line Item 4.B - Sewer rates were calculated incorrectly in application. Using the rate sheet provided we determined the rate was \$33.40/5,000 gallons.	
44	King, City of	Wastewater Treatment Facility	Hulsey, McCormick and Wallace	Installation of a new 1.5 MGD BNR WWTF with 300 to 350 acres land application and 21,650 LF of new 18-inch gravity sewer	Yes	Stokes/Forsyth	\$27,420,000				\$28,045,000	50	14	2	0	0	12	Line Item 1.D - Scored as expansion. Line Item 2.P - Project does not directly benefit impaired waters. Line Item 2.R - Project does not include the elimination of an NPDES discharge.	Purpose of project is to reduce sewer cost. Sewer service is currently provided by CCUC.
45	Johnston County	McGee's Sewer Upgrade Phase 2 - Middle Creek Interceptor & Pump Station	Morris & Ritchie Associates of NC, PC	Installation of new 8,200 LF of 24-inch gravity sewer, Middle Creek PS, and modification to existing McGee's PS	No	Johnston	\$3,600,000			\$3,600,000	\$3,672,000	15	11	0	0	5	6	Line Item 1.D - Project is new infrastructure not an expansion. Line Item 3.A - Project not clearly shown on CIP provided. Projects listed don't match project applied for.	
46	Andrews, Town of	Project Wildcat	Vaughn & Melton	Installation of new 7,000 LF of 8-inch gravity sewer to serve Snowbird Wilderness Outfitters	Yes	Cherokee	\$1,114,950				\$1,114,950	16	6	0	0	0	6		Project will serve 41 new connections at \$27,194 each.
							<b>Total Funded in CWSRF</b>	<b>\$633,250</b>	<b>\$1,500,000</b>	<b>\$50,968,272</b>									
								<b>\$53,101,522</b>											

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	Not Funded

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Green Project Reserve	Principal Forgiveness	Base CWSRF	Total Project Cost	Points Submitted	Points Verified (Total all Categories)	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
<b>FUNDING SUMMARY</b>							<b>\$216,239,559</b>	<b>\$633,250</b>	<b>\$1,500,000</b>	<b>\$50,968,272</b>										

**Not Funding because applicant not eligible for the minimum acceptable grant percentage indicated in its application.**

47	Whitakers, Town of	2017 NCDEQ Sewer Project	Mack Gay Associates, PA	Rehabilitation/replacement of 13,180 LF of 8-inch gravity sewer; rehabilitation of Walnut Cove Street PS, Main PS, and Taylor Estates Street PS.	Yes	Nash/Edgecombe	\$2,645,565				\$2,645,565	58	48	25	0	5	18	Line Item 3.B - No documentation provided adopting AMP or updated CIP.	Also considered for CDBG. Operating ratio is greater than 1.3 with project. Not eligible for a grant.
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**Incomplete application**

48	Grantsboro, Town of	2017 Sewer System Extension Project	McDavid Associates, Inc.		Yes	Pamlico	\$2,000,000				\$2,000,000								Also considered for CDBG. No Fund Transfer Certification.
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**Asset Inventory and Assessment Grants - September 2017 Application Round**

**Agenda Item L-3**

Project No.	Applicant Name	Project Name	Application Preparer	County	Funding Requested	Total Grant Amount	Points Verified (Total all Categories)	Project Benefits	System Management	Affordability	Rates for 5000 gallons
<b>FUNDING SUMMARY</b>					<b>\$ 23,284,795</b>	<b>\$ 4,657,384</b>					
1	Parkton, Town of	Wastewater System AIA	Lumber River COG	Robeson	\$135,000	\$135,000	22	8	11	3	47.60
2	Elizabethtown, Town of	Wastewater System Asset Inventory & Assessment Project	Lumber River COG	Bladen	\$150,000	\$150,000	22	8	11	3	33.60
3	Gastonia, City of	Asset Inventory & Assessment Grant for Sewer	WR-Martin, Inc.	Gaston	\$150,000	\$150,000	21	6	12	3	35.52
4	South Granville WSA	2017 Asset Inventory to include Creedmoor	Hydrostructures	Granville	\$150,000	\$150,000	20	8	10	2	62.19
5	Gastonia, City of	Asset Inventory & Assessment Grant for Water	WR-Martin, Inc.	Gaston	\$150,000	\$150,000	20	6	12	2	25.57
6	Clinton, City of	Asset Inventory & Assessment Grant - Sewer	WR-Martin, Inc.	Sampson	\$150,000	\$150,000	20	6	12	2	20.33
7	Clinton, City of	Asset Inventory & Assessment Grant - Water	WR-Martin, Inc.	Sampson	\$150,000	\$150,000	20	6	12	2	19.97
8	Madison, Town of	Asset Inventory & Assessment Program - Wastewater	LKC Engineering, PLLC	Rockingham	\$140,000	\$140,000	19	6	10	3	38.25
9	Reidsville, City of	Wastewater Asset Inventory, Assessment and Management Project	WR-Martin, Inc.	Rockingham	\$150,000	\$150,000	19	6	10	3	37.71
10	Fairmont, Town of	Wastewater System AIA	Lumber River COG	Robeson	\$150,000	\$150,000	19	6	11	2	32.30
11	Tuckasegee WSA	AIA Grant Program - Wastewater Phase 2	McGill Associates	Jackson	\$71,750	\$71,750	19	6	12	1	31.61
12	Tuckasegee WSA	AIA Grant Program - Drinking Water - Phase 2	McGill Engineers	Jackson	\$71,425	\$71,425	19	6	12	1	31.61
13	Elizabethtown, Town of	Water System Asset Inventory & Assessment Project	Lumber River COG	Bladen	\$150,000	\$150,000	19	6	11	2	25.70
14	Tabor City, Town of	Drinking Water System AIA	Lumber River COG	Columbus	\$145,000	\$145,000	19	6	12	1	17.25
15	Wilson County - Southeast WD	Water Asset Inventory and Assessment	Green Engineering, PLLC	Wilson	\$60,000	\$60,000	19	4	11	4	51.50
16	Kinston, City of	Water System AIA	Municipal Engineering Services Company, P.A.	Lenoir	\$150,000	\$150,000	19	4	12	3	41.86
17	Chocowinity, Town of	Wastewater System Asset Inventory Assessment	Rivers & Associates, Inc.	Beaufort	\$150,000	\$150,000	18	6	9	3	64.50
18	Southport, City of	Wastewater Asset Management Plan	City of Southport	Brunswick	\$20,000	\$20,000	18	6	10	2	58.50
19	Chadbourn, Town of	Wastewater Asset Inventory and Assessment	LKC Engineering, PLLC	Columbus	\$150,000	\$150,000	18	6	9	3	46.00
20	Siler City, Town of	Water AIA Grant	McGill Associates, P.A.	Chatham	\$95,000	\$95,000	18	6	10	2	45.50
21	Chadbourn, Town of	Water Asset Inventory and Assessment	LKC Engineering, PLLC	Columbus	\$110,000	\$110,000	18	6	9	3	41.00



Project No.	Applicant Name	Project Name	Application Preparer	County	Funding Requested	Total Grant Amount	Points Verified (Total all Categories)	Project Benefits	System Management	Affordability	Rates for 5000 gallons
22	Pittsboro, Town of	2017 Water Asset Management Plan	Hydrostructures	Chatham	\$150,000	\$150,000	18	6	11	1	40.40
23	Siler City, Town of	Sewer AIA Grant	McGill Associates, P.A.	Chatham	\$150,000	\$150,000	18	6	10	2	37.25
24	Warrenton, Town of	AIA Sewer	Municipal Engineering Services Company, P.A.	Warren	\$150,000	\$150,000	18	4	10	4	54.33
25	Elizabeth City, City of	Potable Water Loss Reduction Project	City of Elizabeth City	Pasquotank	\$150,000	\$150,000	18	4	10	4	48.96
26	Snow Hill, Town of	Water System Asset Inventory and Assessment	Green Engineering, PLLC	Greene	\$150,000	\$150,000	18	4	12	2	34.50
27	Yadkin Valley Sewer Authority	High Priority Areas Collection System Assessment Project	West Consultants, PLLC	Surry	\$150,000	\$150,000	17	6	8	3	52.00
28	Aurora, Town of	Drinking Water AIA	Eastern Carolina Solutions, LLC	Beaufort	\$150,000	\$150,000	17	6	9	2	36.99
29	Southport, City of	Water Asset Management Plan	City of Southport	Brunswick	\$65,000	\$65,000	17	6	10	1	34.95
30	Troy, Town of	Asset Inventory & Assessment Grant for Water	WR-Martin, Inc.	Montgomery	\$100,000	\$100,000	17	6	9	2	28.93
31	Statesville, City of	Asset Inventory and Assessment for Water	City of Statesville	Iredell	\$150,000	\$150,000	17	6	11	0	22.72
32	Shallotte, Town of	Asset Inventory & Assessment of Water System	McAdams & Associates, LLC	Brunswick	\$150,000	\$150,000	17	6	11	0	19.51
33	Sawmills, Town of	Water System GIS	Western Piedmont COG	Caldwell	\$84,209	\$84,209	17	4	10	3	39.35
34	Marion, City of	Sewer System AIA	WR-Martin, Inc.	McDowell	\$150,000	\$150,000	17	4	11	2	24.66
35	Wilson County - Southwest WD	Water Asset Inventory and Assessment	Green Engineering, PLLC	Wilson	\$55,000	\$55,000	17	2	11	4	51.50
36	Carthage, Town of	Asset Inventory & Assessment Program - Water	LKC Engineering, PLLC	Moore	\$100,000	\$100,000	16	8	6	2	43.00
37	Roseboro, Town of	Sewer AIA Grant	McGill Associates, P.A.	Sampson	\$105,000	\$105,000	16	6	8	2	30.50
38	Ellerbe, Town of	DW Distribution System AIA	Lumber River COG	Richmond	\$125,000		16	6	8	2	22.40
39	Whiteville, City of	Water System Asset Management Plan	Engineering Services, P.A.	Columbus	\$150,000		16	6	8	2	13.25
40	Valdese, Town of	2018 Sewer Collection System Assessment Project	West Consultants, PLLC	Burke	\$150,000		16	6	9	1	10.56
41	Ayden, Town of	Sewer System AIA	Municipal Engineering Services Company, P.A.	Pitt	\$150,000		16	4	8	4	62.74
42	Warren County	Water System Asset Inventory & Assessment	Rivers & Associates, Inc.	Warren	\$150,000		16	4	9	3	50.00
43	Shallotte, Town of	Asset Inventory & Assessment of Wastewater System	McAdams & Associates, LLC	Brunswick	\$150,000		16	4	11	1	41.09
44	Columbus County Water District I	Water System Asset Inventory and Assessment	Green Engineering	Columbus	\$150,000		16	2	11	3	42.70
45	Highlands, Town of	Water Asset Inventory & Assessment Project	WK Dickson & Co, Inc.	Macon	\$150,000		15	8	5	2	47.50
46	Edenton, Town of	Water Asset Inventory & Assessment	Stroud Engineering, PA	Chowan	\$150,000		15	8	5	2	31.23

Project No.	Applicant Name	Project Name	Application Preparer	County	Funding Requested	Total Grant Amount	Points Verified (Total all Categories)	Project Benefits	System Management	Affordability	Rates for 5000 gallons
47	Bay River MSD	Asset Inventory and Assessment - Sewer	Stroud Engineering, PA	Pamlico	\$150,000		15	6	7	2	49.75
48	Plymouth, Town of	Water Asset Management Plan	The Wooten Company	Washington	\$150,000		15	6	5	4	49.50
49	Chowan County	Water System Asset Inventory Assessment	Rivers & Associates, Inc.	Chowan	\$150,000		15	6	6	3	35.00
50	Claremont, City of	Water System Asset Inventory and Assessment	The Wooten Company	Catawba	\$132,000		15	6	9	0	29.27
51	Bryson City, Town of	Sewer Asset Inventory Assessment	McGill Associates	Swain	\$47,500		15	6	9	0	28.00
52	King, City of	Sewer Infrastructure Inventory and Assessment	Hulsey McCormick & Wallace	Stokes/Forsyth	\$150,000		15	4	9	2	65.82
53	Wingate, Town of	2017 Sewer AIA	The Wooten Company	Union	\$100,160		15	4	9	2	55.25
54	Kenansville, Town of	Asset Inventory Assessment - Sewer System	Jim Blanchard Associates	Duplin	\$150,000		15	4	8	3	39.50
55	Ayden, Town of	Water System AIA	Municipal Engineering Services Company, P.A.	Pitt	\$150,000		15	4	8	3	39.25
56	Kenansville, Town of	Asset Inventory Assessment - Water System	Jim Blanchard Associates	Duplin	\$150,000		15	4	8	3	36.00
57	Dobson, Town of	Asset Inventory and Assessment Grant for Water	WR-Martin, Inc.	Surry	\$150,000		15	4	10	1	28.00
58	Reidsville, City of	Water Asset Inventory, Assessment and Management Project	WR-Martin, Inc.	Rockingham	\$150,000		15	4	9	2	15.30
59	Wilkesboro, Town of	Wastewater System Asset Inventory and Condition Assessment	WK Dickson & Company, Inc.	Wilkes	\$150,000		15	4	11	0	12.48
60	Sawmills, Town of	Wastewater System GIS	Western Piedmont COG	Caldwell	\$51,172		15	2	10	3	45.40
61	Bessemer City, City of	Asset Inventory and Assessment Grant for Sewer	WR-Martin, Inc.	Gaston	\$150,000		15	2	10	3	43.62
62	Bertie County - Water District I	Water Asset Inventory and Assessment	Green Engineering, PLLC	Bertie	\$125,000		15	2	10	3	38.00
63	Bertie County - Water District III	Water Asset Inventory and Assessment	Green Engineering, PLLC	Bertie	\$150,000		15	2	10	3	38.00
64	Bunn, Town of	Wastewater Asset Inventory and Assessment	Municipal Engineering Services Co., PA	Franklin	\$150,000		15	2	11	2	35.80
65	Marion, City of	Water System AIA	WR-Martin, Inc.	McDowell	\$150,000		15	2	11	2	24.66
66	Snow Hill, Town of	Wastewater System Asset Inventory and Assessment	Green Engineering, PLLC	Greene	\$150,000		15	0	12	3	47.50
67	Stanley, Town of	Water System Asset Inventory and Assessment	Gavel & Dorn Engineering, PLLC	Gaston	\$150,000		14	6	7	1	NS
68	Scotland Neck, Town of	Sewer System Asset Management Plan	Engineering Services, PA	Halifax	\$150,000		14	6	4	4	49.50
69	Dunn, City of	Sewer System Asset and Inventory Assessment	City of Dunn	Harnett	\$150,000		14	6	5	3	33.20

Project No.	Applicant Name	Project Name	Application Preparer	County	Funding Requested	Total Grant Amount	Points Verified (Total all Categories)	Project Benefits	System Management	Affordability	Rates for 5000 gallons
70	Haw River, Town of	Asset Inventory and Assessment - Wastewater	Alley, Williams, Carmen & King, Inc.	Alamance	\$150,000		14	4	8	2	51.55
71	Belhaven, Town of	Water System Asset Inventory & Assessment	Stroud Engineering, PA	Beaufort	\$81,000		14	4	6	4	49.17
72	Pamlico County	Water System Asset Inventory Assessment	Rivers & Associates, Inc.	Pamlico	\$150,000		14	4	9	1	39.25
73	Pinetops, Town of	Wastewater Asset Management Plan	The Wooten Company	Edgecombe	\$134,900		14	4	7	3	38.02
74	Lucama, Town of	Drinking Water AIA	Upper Coastal Plain COG	Wilson	\$150,000		14	4	7	3	37.51
75	Aurora, Town of	Wastewater AIA	Eastern Carolina Solutions, LLC	Beaufort	\$150,000		14	4	9	1	32.49
76	Middlesex, Town of	AIA Grant - Water System	EnviroLink, Inc.	Nash	\$150,000		14	4	9	1	30.50
77	Roseboro, Town of	Water AIA Grant	McGill Associates, P.A.	Sampson	\$85,000		14	4	8	2	27.75
78	Washington County	Water System Asset Inventory Assessment	Rivers & Associates, Inc.	Washington	\$150,000		14	2	8	4	63.00
79	Louisburg, Town of	Asset Inventory and Assessment Grant - Wastewater	Municipal Engineering Services Co., PA	Franklin	\$150,000		14	2	8	4	52.20
80	Henderson County (Cane Creek W&S District)	Asset Inventory and Assessment and Master Plan Update	Johnston Engineering	Henderson	\$150,000		14	2	10	2	47.67
81	Bunn, Town of	Water Asset Inventory and Assessment	Municipal Engineering Services Co., PA	Franklin	\$150,000		14	2	10	2	39.48
82	Dobson, Town of	Asset Inventory and Assessment Grant for Sewer	WR-Martin, Inc.	Surry	\$60,000		14	2	10	2	36.75
83	Bessemer City, City of	Asset Inventory and Assessment Grant for Water	WR-Martin, Inc.	Gaston	\$150,000		14	2	10	2	27.71
84	Harnett County	Water Asset Inventory & Assessment Grant	WR-Martin, Inc.	Harnett	\$150,000		14	0	12	2	34.25
85	Spring Hope, Town of	AIA Grant - Wastewater System	EnviroLink, Inc.	Nash	\$150,000		13	6	5	2	NS
86	Aberdeen, Town of	Asset Inventory & Assessment Program - Water	LKC Engineering, PLLC	Moore	\$100,000		13	6	7	0	20.00
87	Bethel, Town of	Wastewater Asset Management Plan	The Wooten Company	Pitt	\$150,000		13	4	6	3	73.10
88	Seaboard, Town of	Drinking Water AIA	Upper Coastal Plain COG	Northampton	\$150,000		13	4	5	4	59.25
89	Havelock, City of	Sewer System Asset Inventory and Assessment	City of Havelock	Craven	\$150,000		13	4	7	2	56.14
90	Stanly County	Drinking Water Asset Inventory	Chambers Engineering, PA	Stanly	\$150,000		13	4	7	2	52.47
91	Swepsonville, Town of	Asset Inventory and Assessment - Wastewater	Alley, Williams, Carmen & King, Inc.	Alamance	\$150,000		13	4	8	1	45.66
92	Northampton County	Water System Asset Inventory and Assessment	Green Engineering	Northampton	\$150,000		13	4	6	3	44.50
93	Troy, Town of	Asset Inventory & Assessment Grant for Sewer	WR-Martin, Inc.	Montgomery	\$116,000		13	4	7	2	28.25
94	Anson County	Water AIA	McGill Associates, P.A.	Anson	\$49,000		13	4	7	2	25.96



Project No.	Applicant Name	Project Name	Application Preparer	County	Funding Requested	Total Grant Amount	Points Verified (Total all Categories)	Project Benefits	System Management	Affordability	Rates for 5000 gallons
95	Moore County	Sewer Pump Station Condition Assessment	The John R. McAdams Company, Inc.	Moore	\$150,000		13	4	9	0	24.70
96	Chocowinity, Town of	Water System Asset Inventory Assessment	Rivers & Associates, Inc.	Beaufort	\$150,000		13	4	8	1	24.25
97	Anson County	Sewer AIA	McGill Associates, P.A.	Anson	\$49,000		13	4	7	2	22.54
98	Stantonsburg, Town of	Asset Inventory and Assessment - Water	Municipal Engineering Services Co., PA	Wilson	\$150,000		13	2	9	2	41.50
99	Louisburg, Town of	Asset Inventory and Assessment Grant - Water	Municipal Engineering Services Co., PA	Franklin	\$150,000		13	2	8	3	33.46
100	Pembroke, Town of	Water System AIA	Lumber River COG	Robeson	\$150,000		13	2	9	2	21.47
101	Boonville, Town of	2018 Sewer Collection System Assessment Project	West Consultants, PLLC	Yadkin	\$150,000		12	6	5	1	46.25
102	Stanley, Town of	Sewer System Asset Inventory and Assessment	Gavel & Dorn Engineering, PLLC	Gaston	\$150,000		12	4	7	1	NS
103	Mount Gilead, Town of	Wastewater Asset Inventory and Assessment	LKC Engineering, PLLC	Montgomery	\$125,000		12	4	4	4	47.41
104	Mebane, City of	Asset Inventory and Assessment Grant - Wastewater	Alley, Williams, Carmen & King, Inc.	Alamance/Orange	\$150,000		12	4	8	0	31.25
105	Haw River, Town of	Asset Inventory and Assessment - Water	Alley, Williams, Carmen & King, Inc.	Alamance	\$150,000		12	4	8	0	31.12
106	Goldsboro, City of	Sewer Asset Inventory & Assessment	The Wooten Company	Wayne	\$150,000		12	4	6	2	31.08
107	Graham, City of	Asset Inventory and Assessment Grant - Wastewater	Alley, Williams, Carmen & King, Inc.	Alamance	\$150,000		12	4	7	1	29.85
108	Vanceboro, Town of	Wastewater AIA	Eastern Carolina Solutions, LLC	Craven	\$150,000		12	4	6	2	29.55
109	Graham, City of	Asset Inventory and Assessment Grant - Water	Alley, Williams, Carmen & King, Inc.	Alamance	\$150,000		12	4	7	1	24.05
110	Wallace, Town of	Water System Asset Inventory & Assessment	Stroud Engineering, PA	Duplin	\$126,000		12	4	6	2	23.65
111	Vanceboro, Town of	Drinking Water AIA	Eastern Carolina Solutions, LLC	Craven	\$150,000		12	4	6	2	19.74
112	Walnut Cove, Town of	Asset Inventory and Assessment Grant for Water	WR-Martin, Inc.	Stokes	\$150,000		12	4	7	1	13.62
113	Martin County	Water Asset Management Plan	The Wooten Company	Martin	\$150,000		12	2	6	4	76.00
114	Belhaven, Town of	Sewer System Asset Inventory & Assessment	Stroud Engineering, PA	Beaufort	\$130,000		12	2	6	4	61.70
115	Orange Water and Sewer Authority	Wastewater Treatment Plant Subsurface Utility Inventory	OWASA	Orange	\$100,000		12	0	11	1	44.40
116	Orange Water and Sewer Authority	Water Treatment Plant Subsurface Utility Inventory	OWASA	Orange	\$120,000		12	0	11	1	39.13
117	Franklinville, Town of	Sewer Asset Management Plan	The Wooten Company	Randolph	\$93,069		11	4	4	3	47.05
118	Stanly County	Wastewater Asset Inventory	Chambers Engineering, PA	Stanly	\$150,000		11	4	6	1	36.75
119	Andrews, Town of	2017 Water AIA	NCRWA	Cherokee	\$150,000		11	4	5	2	33.14

Project No.	Applicant Name	Project Name	Application Preparer	County	Funding Requested	Total Grant Amount	Points Verified (Total all Categories)	Project Benefits	System Management	Affordability	Rates for 5000 gallons
120	Havelock, City of	Water System Asset Inventory & Assessment	City of Havelock	Craven	\$150,000		11	4	7	0	31.18
121	Northampton County	Sewer System Asset Inventory and Assessment	Green Engineering	Northampton	\$150,000		11	2	6	3	42.50
122	West Jefferson, Town of	AIA - Water	Municipal Engineering Services Company, P.A.	Ashe	\$150,000		11	2	7	2	42.02
123	West Jefferson, Town of	AIA - Sewer	Municipal Engineering Services Company, P.A.	Ashe	\$150,000		11	2	7	2	39.49
124	Yanceyville, Town of	Asset Inventory and Assessment Grant - Water	Alley, Williams, Carmen & King, Inc.	Caswell	\$150,000		11	2	6	3	35.69
125	Proctorville, Town of	Wastewater System AIA	Lumber River COG	Robeson	\$125,000		11	2	8	1	30.00
126	Lumberton, City of	Water Mapping and Assessment	The Wooten Company	Robeson	\$150,000		11	2	7	2	20.02
127	Iredell Water Corporation	Asset Inventory & Assessment Grant - Water	WR-Martin, Inc.	Iredell	\$150,000		10	6	4	0	26.50
128	Green Level, Town of	Asset Inventory and Assessment - Wastewater	Alley, Williams, Carmen & King, Inc.	Alamance	\$150,000		10	4	3	3	93.09
129	Gibsonville, Town of	Asset Inventory and Assessment - Wastewater	Alley, Williams, Carmen & King, Inc.	Alamance/Guilford	\$150,000		10	4	4	2	58.00
130	Rutherford County (Cliffside SD)	Cliffside Sanitary District Asset Management	WK Dickson & Company, Inc.	Rutherford	\$150,000		10	4	2	4	55.05
131	Jamesville, Town of	Sewer AIA	Municipal Engineering Services Company, P.A.	Martin	\$150,000		10	4	5	1	45.47
132	Garland, Town of	Wastewater System Asset Inventory and Assessment	McGill Associates, P.A.	Sampson	\$95,000		10	4	3	3	41.00
133	Jamesville, Town of	Water AIA	Municipal Engineering Services Company, P.A.	Martin	\$150,000		10	4	5	1	40.87
134	Mount Gilead, Town of	Water Asset Inventory Assessment	LKC Engineering, PLLC	Montgomery	\$65,000		10	4	3	3	40.30
135	Seaboard, Town of	Wastewater AIA	Upper Coastal Plain COG	Northampton	\$150,000		10	4	4	2	29.60
136	Elon, Town of	Asset Inventory and Assessment Grant - Wastewater	Alley, Williams, Carmen & King, Inc.	Alamance	\$150,000		10	2	6	2	59.50
137	Yanceyville, Town of	Asset Inventory and Assessment Grant - Wastewater	Alley, Williams, Carmen & King, Inc.	Caswell	\$150,000		10	2	6	2	27.89
138	Murphy, Town of	Sewer AIA 2017	NCRWA	Cherokee	\$150,000		10	2	7	1	10.75
139	Union County	Gray Water Tank Assessment Project	Union County	Union	\$150,000		10	0	10	0	40.10
140	Green Level, Town of	Asset Inventory and Assessment - Water	Alley, Williams, Carmen & King, Inc.	Alamance	\$150,000		9	4	3	2	41.69
141	Murfreesboro, Town of	AIA Grant - Sewer	Municipal Engineering Services Company, P.A.	Hertford	\$150,000		9	4	2	3	40.55
142	Hot Springs, Town of	Sewer AIA	McGill Associates, PA	Madison	\$52,250		9	4	3	2	37.40
143	Hot Springs, Town of	Water AIA	McGill Associates, PA	Madison	\$33,250		9	4	3	2	37.40

Project No.	Applicant Name	Project Name	Application Preparer	County	Funding Requested	Total Grant Amount	Points Verified (Total all Categories)	Project Benefits	System Management	Affordability	Rates for 5000 gallons
144	Boonville, Town of	2018 Water System Assessment Project	West Consultants, PLLC	Yadkin	\$30,000		9	4	5	0	32.25
145	Garland, Town of	Water System Inventory and Assessment	McGill Associates, P.A.	Sampson	\$75,000		9	4	3	2	30.05
146	Spring Hope, Town of	AIA Grant - Water System	EnviroLink, Inc.	Nash	\$150,000		9	2	5	2	NS
147	Halifax County	Water System Asset Management Plan	Engineering Services, PA	Halifax	\$150,000		9	2	4	3	44.52
148	Everetts, Town of	Sewer Asset Management Plan	The Wooten Company	Martin	\$130,000		9	0	5	4	57.50
149	Cajah's Mountain, Town of	Sewer System Asset Inventory and Assessment	The Wooten Company	Caldwell	\$114,000		8	4	2	2	39.76
150	Archdale, City of	Asset Inventory and Management - Sewer System	City of Archdale	Randolph/Guilford	\$150,000		8	4	3	1	36.74
151	Murfreesboro, Town of	AIA Grant - Water	Municipal Engineering Services Company, P.A.	Hertford	\$150,000		8	4	2	2	26.57
152	Tyrrell County	Water System Asset Inventory and Assessment	LKC Engineering, PLLC	Tyrrell	\$105,000		8	2	3	3	56.50
153	Grover, Town of	Water System Asset Inventory & Assessment	Municipal Engineering Services Company, P.A.	Cleveland	\$150,000		8	2	4	2	34.08
154	Columbus, Town of	Asset Inventory and Assessment - Water	Municipal Engineering Services Company, P.A.	Polk	\$150,000		7	4	3	0	42.70
155	Angier, Town of	AIA Water System	EnviroLink, Inc.	Harnett	\$150,000		7	2	5	0	NS
156	Angier, Town of	AIA Sewer System	EnviroLink, Inc.	Harnett	\$150,000		7	2	5	0	NS
157	Norwood, Town of	AIA Grant - Wastewater System	EnviroLink, Inc.	Stanly	\$150,000		7	2	4	1	33.40
158	Norwood, Town of	AIA Grant - Water System	EnviroLink, Inc.	Stanly	\$150,000		7	2	4	1	33.40
159	First Craven Sanitary District	Water System Asset Inventory and Assessment	Stroud Engineering, PA	Craven	\$105,000		7	2	5	0	32.50
160	Beulaville, Town of	Sewer System Asset Inventory and Assessment	McDavid Associates, Inc.	Duplin	\$150,000		7	0	3	4	59.25
161	Lowell, City of	AIA Water Application	Steve Austin, AICP	Gaston	\$148,750		6	2	4	0	31.37
162	Maysville, Town of	Water Asset Inventory and Assessment	Draper Aden Associates	Jones	\$142,000		6	2	2	2	31.25
163	Lowell, City of	AIA Sewer Application	Steve Austin, AICP	Gaston	\$132,260		6	2	4	0	30.25
164	Tyrrell County	Wastewater System Asset Inventory and Assessment Project	LKC Engineering, PLLC	Tyrrell	\$60,000		6	0	3	3	58.75
165	Junaluska Sanitary District	Water Infrastructure Asset Management Plan	Brown Consultants	Haywood	\$80,000		5	2	1	2	49.00
166	Hamilton, Town of	AIA Grant Water System	Draper Aden Associates	Martin	\$105,000		5	2	2	1	34.25
167	Gibsonville, Town of	Asset Inventory and Assessment - Water	Alley, Williams, Carmen & King, Inc.	Alamance/Guilford	\$150,000		5	2	3	0	22.70
168	Junaluska Sanitary District	Wastewater Infrastructure Asset Management Plan	Brown Consultants	Haywood	\$80,000		4	2	1	1	46.90
169	Hamilton, Town of	AIA Grant Sewer System	Draper Aden Associates	Martin	\$128,100		4	0	2	2	52.50



Project No.	Applicant Name	Project Name	Application Preparer	County	Funding Requested	Total Grant Amount	Points Verified (Total all Categories)	Project Benefits	System Management	Affordability	Rates for 5000 gallons	
170	Columbus, Town of	Asse Inventory and Assessment - Wastewater	Municipal Engineering Services Company, P.A.	Polk	\$150,000		4	0	3	1	34.47	
171	Ocracoke Sanitary District	Water AIA	Municipal Engineering Services Company, P.A.	Hyde	\$150,000		3	2	0	1	46.04	
172	Archdale, City of	Asset Inventory and Management - Water System	City of Archdale	Randolph/Guilford	\$150,000		3	0	3	0	27.24	
173	Ranlo, Town of	Sewer System Asset Inventory and Assessment	Gavel & Dorn Engineering, PLLC	Gaston	\$150,000		2	2	0	0	32.05	
174	Ranlo, Town of	Water System Asset Inventory and Assessment	Gavel & Dorn Engineering, PLLC	Gaston	\$150,000		2	2	0	0	32.05	
175	Lake Lure, Town of	Asset Inventory and Assessment for Sewer	Brown Consultants	Rutherford	\$70,000		2	0	0	2	69.50	
176	Lake Lure, Town of	Asset Inventory and Assessment for Water	Brown Consultants	Rutherford	\$102,000		2	0	0	2	49.30	
<b>INCOMPLETE APPLICATION</b>												
177	Rutherfordton, Town of	Wastewater System Asset Inventory and Assessment Project	The Wooten Company	Rutherford	\$135,000							resolution dated after application deadline

<b>Merger/Regionalization Feasibility Grants - September 2017 Application Round</b>											
<b>Agenda Item L-4</b>											
Project No.	Applicant Name	Project Name	Application Preparer	County	Funding Requested	Total Grant Amount	Points Verified (Total all Categories)	Technical Status	Organizational Status	Affordability	Staff Notes
<b>FUNDING SUMMARY</b>					<b>\$235,000</b>	<b>\$235,000</b>					
1	Carteret County	Feasibility Study - Merger of Water System with Town of Beaufort	Draper Aden Associates	Carteret	\$35,000	\$35,000	13	6	3	4	Carteret County and Town of Beaufort
2	Stokes County W&S Authority	Merger/Regionalization Feasibility Study with Stokes County Water System	LKC Engineering	Stokes	\$50,000	\$50,000	12	5	3	4	Stokes County Water & Sewer Authority and Stokes County
3	Montgomery County	Merger/Regionalization Feasibility Study - Montgomery County/Candor Sewer	LKC Engineering	Montgomery	\$50,000	\$50,000	10	4	2	4	Montgomery County and Town of Candor
4	Montgomery County	Merger/Regionalization Feasibility Study - Montgomery County/Mount Gilead Water	LKC Engineering	Montgomery	\$50,000	\$50,000	9	3	2	4	Montgomery County and Town of Mount Gilead
5	Stanley, Town of	Stanley, Dallas and Ranlo Merger/Regionalization Feasibility Study - Water	Gavel & Dorn Engineering, PLLC	Gaston	\$50,000	\$50,000	9	3	2	4	Town of Stanley, Town of Ranlo and Town of Dallas,
<b>INCOMPLETE APPLICATION</b>											
6	Haywood County	Water System - Merger/Regionalization Feasibility Study	McGill Associates, PA	Haywood	\$50,000						No Financial Information and Fund Transfer Certification Form submitted