

Drinking Water State Reserve Projects - April 2017 Application
Round - Projects Approved for Funding by State Water
Infrastructure Authority on July 19, 2017

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	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes
FUNDING REQUESTED IN COMPLETE APPLICATIONS							\$56,240,666		\$17,091,010	\$39,149,656									
1	Seaboard, Town of	Seaboard Water Distribution System Improvements	Mack Gay Associates, PA	Replacement of waterlines along Main, Crocker, Central, Marks, Washington, Park, Calvert, Church Harris, Franklin and Clay Streets	no	Northampton	\$1,654,492	100%	\$1,654,492	\$0	\$1,654,492	75	65	10	10	15	30	1.C/1.C.1: Project upsizes existing waterlines, therefore expansion under 1.D/1.D.1. 3.E: Did not document an approved Source Water Protection Plan. 3.F: Did not document a water conservation incentive rate.	
2	Robbinsville, Town of	Tallulah Creek Water Treatment Plant Improvements	McGill Associates, PA	Decontamination of the existing Tallulah Creek WTP and install a packed tower scrubber pretreatment system	no	Graham	\$650,000	75%	\$487,500	\$162,500	\$650,000	96	56	12	3	15	26	2.B: Did not document prerequisite 2.H or 2.I. 2.H: Contaminants do not exceed finished water MCLs even in raw source water.	
3	Pinetops, Town of	Town of Pinetops Elevated Water Tank Rehabilitation	The Wooten Company	Rehabilitation of existing 100,000-gallon and 200,000-gallon elevated storage tanks	yes	Edgecombe	\$757,100	0%	\$0	\$757,100	\$757,100	53	53	20	0	13	20		
4	Belhaven, Town of	Water Line Replacement, Water St., Edward St. and Riverview St.		Replacement of 4,500 feet of 4-inch waterlines with 6-inch; reconnection of +/- 69 services	no	Beaufort	\$349,560	75%	\$262,170	\$87,390	\$349,560	51	51	20	0	5	26		
5	Franklinville, Town of	2017 Water Improvements	The Wooten Company	Addition of a post-clearwell chlorination point to lower THM formation and installation of THM removal equipment in two tanks	yes	Randolph	\$496,500	75%	\$372,375	\$124,125	\$496,500	71	51	12	8	5	26	2.B: Did not document prerequisite Line Items (2.H or 2.I).	
6	Elm City, Town of	Wells No. 2 & No. 6 Water Treatment System Improvements	McGill Associates, PA	Installation of iron and manganese removal filters at Well No. 2 Lynhaven/Cobb Town; installation of iron and manganese removal filter, water softener and sand bed for filter backwash at Well No. 6 Oak View including feed equipment, meters, valves controls	no	Wilson	\$685,109	25%	\$171,278	\$513,831	\$685,109	49	49	12	3	12	22		
7	Siler City, Town of	Water Treatment Plant Improvements	McGill Associates, PA	Rehabilitation of the existing 4 MGD WTP to include a new dual-train pretreatment unit, an air scour backwash system, and filter media replacement	no	Chatham	\$4,705,025	50%	\$2,352,513	\$2,352,512	\$4,751,725	49	49	20	6	5	18		

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FUNDING REQUESTED IN COMPLETE APPLICATIONS							\$56,240,666		\$17,091,010	\$39,149,656									
8	Nash County	Northern Nash Drinking Water System	The Wooten Company	Installation of +/- 28,200 feet of 12-inch, 47,700 feet of 8-inch, 84,600 feet of 6-inch, 106,800 feet of 6-inch and 24,700 feet of 2-inch waterlines and related appurtenances, three wells and one 250,000-gallon elevated storage tank to enable Central Nash Water and Sewer (NC4064005) to merge with the Dortches system (NC4064025) and extend new service to Red Oak area serving an estimated 1,000 new customers	yes	Nash	\$9,545,000	50%	\$3,000,000	\$6,545,000	\$9,545,000	58	48	0	18	10	20	1.D: Extending waterlines is not expansion. 2.J: In tank aeration of new source is not additional treatment; there is not baseline water quality to improve. 3.B: Did not document Asset Management Plan.	
9	Wallace, Town of	Water System Control Upgrade	Stroud Engineering, Inc.	Installation of SCADA equipment and flow meters at nine wellsites; installation of SCADA at three elevated tanks, emergency generators at three sites and generator hookups at five other sites; valve replacements at nine sites	no	Duplin	\$640,600	0%	\$0	\$640,600	\$640,600	47	47	20	3	10	14		
10	Bessemer City, City of	Water Treatment Plant Improvements	McGill Associates	Replacement of raw water intake and other equipment at plant, cleaning of residual holding lagoons and improvements to residual collection and disposal process.	yes	Gaston	\$5,406,300	0%	\$0	\$5,406,300	\$5,406,300	49	46	20	3	7	16	2J: Did not document improved water quality from sludge handling.	
11	Montgomery County	Chemical Feed Rehabilitation	LKC Engineering	Rehabilitation of the existing 6 MGD plant including chemical storage, chemical feed, mechanical systems, and electrical systems	no	Montgomery	\$500,000	50%	\$250,000	\$250,000	\$500,000	49	46	20	3	7	16	3.F: Did not document water conservation incentive rate structure.	
12	Aurora, Town of	Aurora Drinking Water System Upgrade	Mack Gay Associates, PA	Rehabilitation of the WTP by replacing the water softening equipment and upgrading the electrical and control equipment to reduce DBPs	yes	Beaufort	\$526,584	25%	\$131,646	\$394,938	\$526,584	64	45	20	0	5	20	2.E.2: Project does not address NOV. 2.J: Project replaces (does not add) treatment. 2.O: Electrical controls do not add redundancy. 3.B: Project does not appear on CIP as a capital project; CIP shows a repeated annual O&M cost fro WTP rather than any capital project.	
13	Robersonville, Town of	Water System Improvements	The Wooten Company	Rehabilitation of seven wells and associated wellhouses	yes	Martin	\$535,000	50%	\$267,500	\$267,500	\$535,000	50	44	12	0	10	22	2.J: Did not document improvement in water quality. 2.O: Did not document additional resiliency.	

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14	Montgomery County	Fairway Shores Water Main Replacement	LKC Engineering	Replacement of 11,875 feet of undersized waterlines and extension of 950 feet of new waterlines to create loops	no	Montgomery	\$821,500	50%	\$410,750	\$410,750	\$821,500	56	43	20	0	7	16	2.G: Did not document low pressure. 3.F: Did not document water conservation incentive rate structure.	
15	Montgomery County	Booster Pump Station #1 & #2 Rehabilitation	LKC Engineering	Replacement of Pump Stations 1 and 2, including electrical work, underground services and VFDs, generators and new building shells	no	Montgomery	\$2,000,000	50%	\$1,000,000	\$1,000,000	\$2,000,000	46	43	20	0	7	16	3.F: Did not document water conservation incentive rate structure.	
16	Beaufort County Water District V - Pantego Township	2017 Water System Improvements	McDavid Associates, Inc.	Convert the Beech Ridge Road Booster Pump Station from chlorine gas to liquid	yes	Beaufort	\$534,800	75%	\$401,100	\$133,700	\$534,800	49	41	12	0	5	24	2.J: Did not document improvement in water quality. 3.E: Did not show three consecutive years with water loss ≤10%.	
17	Sharpsburg, Town of	Town of Sharpsburg 2017 NC DEQ Water Project	Engineering Services, PA	Upsizing of 6,500 feet of existing 6-inch waterline along Martin Luther King, Jr. Circle and East Main Street with 8-inch waterline to provide fire protection; installation of 550 feet of new 6-inch waterline; replacement of 7,500 feet of 6-inch waterline; replacement of 2,300 feet of 2-inch waterline with 6-inch waterline; installation of 125 feet each of 8-inch and 10-inch HDPE to make connections to existing 12-inch waterlines	no	Edgecombe/Nash/Wilson	\$1,998,690	75%	\$1,499,018	\$499,672	\$1,998,690	56	41	10	0	7	24	1.C/1.C.1: Project upsizes existing waterlines, therefore expansion under 1.D/1.D.1. 3.E: Did not document a hidden leak detection program.	
18	Clyde, Town of	Chamber Mountain Rd. and Thompson Cove Rd. Waterline Replacement	McGill Associates, PA	Replacement of approximately 6,800 feet of 2-inch galvanized waterline with 4-inch waterline	yes	Haywood	\$650,000	25%	\$162,500	\$487,500	\$650,000	52	39	20	0	5	14	2.E.2: Project does not address NOV. 2.G: Did not document low pressure.	
19	Lucama, Town of	2017 Water System Improvements	McDavid Associates, Inc.	Rehabilitation of one well and replacement of iron removal filter media	yes	Wilson	\$488,990	25%	\$122,248	\$366,742	\$488,990	75	39	12	0	5	22	1.C.1: Did not document age of sand filters. 2.B: Did not document public health benefit; did not claim or document contamination (e.g., under 2.H or 2.I). 3.D: Did not document approval of Wellhead Protection Plan. 3.E: Did not document hidden leak detection program.	
20	Beaufort County Water and Sewer District VII - Richland Township	2017 Water System Improvements	McDavid Associates, Inc.	Convert the Edward WTP from chlorine gas to liquid	yes	Beaufort	\$672,000	75%	\$504,000	\$168,000	\$672,000	45	37	12	0	5	20	2.J: Did not document improved water quality. 3.E: Did not document hidden leak detection.	

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FUNDING REQUESTED IN COMPLETE APPLICATIONS							\$56,240,666		\$17,091,010	\$39,149,656									
21	Beaufort County Water District I - Washington Township	2017 Water System Improvements	McDavid Associates, Inc.	Convert the US 264 Booster Pump Station from chlorine gas to liquid	yes	Beaufort	\$534,800	75%	\$401,100	\$133,700	\$534,800	45	37	12	0	5	20	2J: Did not document improved water quality. 3.E: Did not document hidden leak detection.	
22	Beaufort County Water District IV - Bath Township	2017 Water System Improvements	McDavid Associates, Inc.	Convert the Hunters' Bridge and Yeatesville Road Booster Pump Stations from chlorine gas to liquid	yes	Beaufort	\$978,000	75%	\$733,500	\$244,500	\$978,000	45	37	12	0	5	20	2.J: Did not document improvement in water quality. 3.E: Did not show three consecutive years with water loss ≤10%.	
23	North Lenoir Water Corporation	2017 Water System Improvements	McDavid Associates, Inc.	Installation of a Supervisory Control and Data Acquisition (SCADA) system to better manage flow to different pressure zones, and reduce energy use and the need for flushing	yes	Lenoir	\$925,000	75%	\$693,750	\$231,250	\$925,000	45	37	12	0	5	20	3.E: Did not document hidden leak detection program. 3.F: Did not document water conservation incentive rate structure.	
24	Beaufort County Water District VI - Chocowinity/ Richland Township	2017 Water System Improvements	McDavid Associates, Inc.	Convert the Seaside WTP, Wells 61, 62, 63, 64 and the Booster Pump Stations 61 and 62 from chlorine gas to liquid	yes	Beaufort	\$2,230,000	50%	\$1,115,000	\$1,115,000	\$2,230,000	43	35	12	0	5	18	2J: Did not document improved water quality. 3.E: Did not document hidden leak detection.	
25	Farmville, Town of	2017 Water System Improvements	McDavid Associates, Inc.	Replacement of 2,030 feet of galvanized waterlines; replacement of 450 feet of 6-inch waterlines; installation of 8,400 feet of new 6 inch waterlines; transferring water services	yes	Pitt	\$639,000	50%	\$319,500	\$319,500	\$639,000	75	35	0	0	15	20	1.C / 1.C.1: Cost of looping exceeds 10% of construction cost. 2.B: Did not document contamination. 3.D: Did not document approval of Wellhead Protection Plan.	
26	Burnsville, Town of	Burnsville Water Treatment Plant Improvements	McGill Associates	Installation of 980 feet of 8-inch DIP sewer and improvements to the OMC sewage pump station to handle the WTP's filter backwash; replacement of the 8-inch draw and fill lines and related valve improvements on the 2 MG finished water storage tank	yes	Yancey	\$456,900	25%	\$114,225	\$342,675	\$456,900	51	33	10	0	7	16	1.C/1.C.1: Appears to be expansion; earned 1.D/1.D.1 instead. 3.A/3.B: Did not document required elements of AM; earned CIP instead.	
27	Valdese, Town of	Meter Replacement Project (AMI)	MeterSYS - Technical Experts in Meter Technology	Replacement of 5,345 consumer meters in the system with an AMI system	no	Burke	\$2,265,386	25%	\$566,347	\$1,699,039	\$2,265,386	31	31	0	0	15	16	3F: Did not document incentive rate structure.	
28	Teachey, Town of	2017 Water System Improvements	McDavid Associates, Inc.	Extension of 945 feet of 6-inch waterline and replacement of 200 meters with a drive-by Automatic Meter Reading system	yes	Duplin	\$196,995	50%	\$98,498	\$98,497	\$196,995	32	28	0	0	8	20	1.D: New waterlines and meter upgrades are not expansion. 4.C: LGU parameters updated.	
29	Alexander County	Water Line Extension Project	McGill Associates, PA	Extension of approximately 71,000 feet of 2-inch through 8-inch waterlines to serve currently unserved areas	no	Alexander	\$4,971,335	50%	\$0	\$4,971,335	\$5,070,762	23	21	0	0	5	16	1.D: New waterlines are not expansion.	

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30	Carolina Beach, Town of	Carolina Beach 2017 Drinking Water Project	Engineering Services, PA	Replacement of 5,220 feet of aged 2-inch through 8-inch waterlines with waterlines up to 12-inches	yes	New Hanover	\$1,726,000	0%	\$0	\$1,726,000	\$1,726,000	52	21	10	0	5	6	1C/1C1: Project allows expansion; scored as 1D/1D1 2.G: Do not document low pressure, only small/long lines. 2.K Reference 2014 audit exceeding 30% loss; but include only 2015 audit showing <7% loss. 3.E: Did not document Water Loss Reduction Plan. 3.F: Flat rate is not an incentive rate structure. 4.B/4.C: No points entered by applicant.	
31	Wilson Mills Water District	WTP Service Line		Installation of 7,600 - 12,000 feet of 24-inch waterline and one new booster pump station to provide a redundant path from the WTP that will improve fire flows to the industrial area in Clayton along US 70 Business	no	Johnston	\$4,700,000	0%	\$0	\$4,700,000	\$4,700,000	32	16	0	0	8	8	1.C: Waterline extensions are classed as new waterlines, and earns no project purpose points. 2.L.2: Did not document systems to be interconnected by project.	
32	Johnston County	WTP 2.0 MGD Upgrade		Increasing WTP capacity from 12 MGD to 14 MGD	no	Johnston	\$3,000,000	0%	\$0	\$3,000,000	\$3,060,000	9	7	2	0	3	2	3.A: CIP not adopted within last two years.	
							Total Funded in Drinking Water State Reserve		\$17,091,010	\$39,149,656									
									\$56,240,666										

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FUNDING REQUESTED IN COMPLETE APPLICATIONS							\$56,240,666		\$17,091,010	\$39,149,656										

Not funding because applicant not eligible for the minimum acceptable grant percentage indicated in its application

33	Maysville, Town of	Radio Read Water Meters	Draper Aden Associates	Replacement of 451 water meters with drive-by radio-read meters	yes	Jones	\$157,000	0%	\$0	\$0	\$157,000	25	25	0	0	5	20		Requires 25% grant to proceed
34	Old Fort, Town of	Water and Sewer Improvements	Municipal Engineering Services Co., PA	Replacement of 5,000 feet of 1.25-inch galvanized and 4-inch cast iron waterlines with 6-inch waterlines; installation of 500 feet of new 6-inch waterlines to close loops	no	McDowell	\$650,949	0%	\$0	\$0	\$650,949	28	25	0	0	5	20	1.C/1.C.1: Looping exceeds 10%; project classed as new waterlines, and earns no project purpose points. 2.K: Did not include water audit showing water loss. 4.A,B,C: CDBG scorecard did not allow requesting points.	Requires 50% grant to proceed

Incomplete Applications

35	Stantonsburg, Town of	Stantonsburg Water and Sewer Improvements	Municipal Engineering Services Co., PA	Installation of a new well, and associated wellhouse and 1,200 feet of 12-inch waterline to interconnect to the Wilson County Southeast Water District	no	Wilson	\$620,000		\$0	\$0	\$541,010		Incomplete						Application is incomplete; project budget is for a wastewater project including grinder pumps and a drip field.
36	Union County Government	Union County Galvanized & Small Waterline Replacement	Union County Public Works - Engineering Division	Replacement of 12,430 feet of 2-inch galvanized waterline with 6-inch; installation of 1,500 feet of 6-inch waterline to provide a loop	no	Union	\$1,098,200		\$0	\$0	\$1,098,200		Incomplete						Application is incomplete; budget is not sealed

**Wastewater State Reserve Projects-April 2017 Application Round -
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FUNDING SUMMARY							\$269,219,874		\$5,572,394	\$32,189,902									
1	Warrenton, Town of	Warrenton Sewer Rehab	Municipal Engineering Services Company, PA	Replacement of 1,795 LF of 8-inch gravity sewer along Unity Drive, Ridgeway Street, and Bute Street.	No	Warren	\$460,000	75%	\$345,000	\$115,000	\$460,000	81	81	25	15	15	26		
2	St. Pauls, Town of	Wastewater Collection System Rehabilitation	McGill Associates, PA	Rehabilitation of 10,300 LF of 8-inch, 777 LF of 12-inch gravity sewer and 140 VF of MHs; replacement of 3,228 LF of 6-inch with 8-inch gravity sewer, and 15 MHs.	Yes	Robeson	\$1,603,380	25%			\$1,603,380	81	76	25	18	15	18	Line item 2.E.1 - Project does not address items in SOC application. Gave points for 2.E.2 instead because of NOVs.	
3	Thomasville, City of	North Hamby Creek Outfall Sanitary Sewer Improvements Phase III	Fleming Engineering, Inc.	Replacement of 5,551 LF of 8-inch, 280 LF of 10-inch, 5,284 LF of 12-inch with 24-inch gravity sewer, and 43 MHs.	Yes	Davidson	\$8,334,351	75%	\$3,000,000	\$5,334,351	\$8,501,038	70	70	12	35	7	16		
4	Warrenton, Town of	Battle Avenue Sewer Upgrade	Municipal Engineering Services Company, PA	Replacement of 3,000 LF of 8-inch with 12-inch gravity sewer.	No	Warren	\$738,125	75%	\$553,594	\$184,531	\$738,125	66	68	12	15	15	26		
5	Sawmills, Town of	Horseshoe Bend Road Area Sanitary Sewer Project	West Consultants, PLLC	Installation of 15,000 LF of new 8-inch gravity sewer, new pump station and 11,200 LF of new 6-inch FM to resolve failing septic systems.	Yes	Caldwell	\$2,300,000	25%	\$575,000	\$1,725,000	\$2,746,000	67	67	15	15	15	22		
6	Farmville, Town of	Basin 5 Sanitary Sewer	McDavid Associates, Inc.	Replacement of 5,900 LF of 8-inch gravity sewer and 19 MHs.	Yes	Pitt	\$2,664,000	100%			\$2,664,000	81	66	25	0	15	26	Line Item 2.C - No affidavit from residence was provided as documentation for backups into homes.	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.
7	Graham, City of	Boyd Creek Lift Station	Alley, Williams, Carmen & King	Replacement of existing 700 GPM PS with new 1,000 GPM PS, 500 LF of 18-inch gravity sewer and 350 LF of 10-inch FM.	Yes	Alamance	\$2,450,000	25%	\$612,500	\$1,837,500	\$2,450,000	76	66	12	35	5	14	Line Item 3.B - No CIP provided.	
8	Tuckaseegee Water and Sewer Authority	Jackson Paper and Dollar General Lift Station Improvements	McGill Associates, PA	Replacement of two PSs with a new 1175 GPM pump station, 100 LF of 8-inch, 400 LF of 12-inch, and 800 LF of 16-inch gravity sewer, 5 MHs, 800 LF of 10-inch and 400 LF of 6-inch FM.	No	Jackson	\$1,515,200	25%	\$378,800	\$1,136,400	\$1,765,200	64	66	25	20	7	14	Line Item 4.C - Used Jackson County data and got 4/5 LGU indicators. This increased the score by 2 points.	
9	Burke County	Eckard Creek Pump Station Rehabilitation	West Consultants, PLLC	Replacement of 1,000 GPM PS, manual barscreen with new channel grinder, generator and 7,600 LF of 12-inch FM; rehabilitation of concrete wetwell; and miscellaneous site and electrical improvements.	Yes	Burke	\$1,666,680	50%			\$1,666,680	79	64	25	0	15	24	Line Item 2.C - Project will not resolve SSOs.	
10	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 and 1,180 LF of 6-inch FM; upgrades to the Sunset PS; and installation of a new SCADA system for the Town's 19 PSs.	Yes	Surry	\$2,503,992	50%			\$2,528,784	77	64	12	15	15	22	Line Item 1.C - Application Narrative 4-inch FM replacement but sealed budget 6-inch FM which is an expansion. Points for expansion and age given instead.	
11	Parmeles, Town of	2017 Sanitary Sewer Rehabilitation	McDavid Associates, Inc.	Rehabilitation of PS including replacement of pumps, piping, and valves; rehabilitation of 2,500 LF of gravity sewer, and 52 MHs; replacement of 400 LF gravity sewer and 2 MHs.	Yes	Martin	\$1,000,000	100%			\$1,000,000	71	61	15	15	5	26	Line Item 3.B - CIP is for 5 years.	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.

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FUNDING SUMMARY							\$269,219,874		\$5,572,394	\$32,189,902									
12	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 and rehabilitation of 24 MHs.	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.
13	Plymouth, Town of	Wastewater Treatment Plant Rehabilitation and Improvements	Wooten Company	Rehabilitation of 0.8 MGD WWTP to include grit/bar headworks, aeration basin cleanout, secondary clarifier no.2, aerobic digesters, and decant PS; replacement of chlorine disinfection system, dechlor system, post aeration system, flow meter/sample, SCADA improvements, misc. sitework/piping/electrical.	Yes	Washington	\$2,042,500	75%			\$2,042,500	70	60	25	6	7	22	Line Item 2.D - No promulgated but not yet effective regulations provided.	
14	Taylorsville, Town of	2018 Prison Sewer Pump Station Improvements	West Consultants, PLLC	Rehabilitation of PS to include replacement of 225 GPM pumps, controls, and mechanical screen and purchase of a portable pump for reliability.	Yes	Alexander	\$430,000	25%	\$107,500	\$322,500	\$438,600	60	60	15	18	7	20		
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	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
16	Robersonville, Town of	Wastewater System Improvements	The Wooten Company	Find and Fix in the northern portion of the Town's system to include inspection of 10,000 LF of gravity sewer, replacement of 2,000 LF of 8-inch gravity sewer, and rehabilitation of 3,500 LF of 8-inch gravity sewer and 55 MHs.	Yes	Martin	\$1,000,000	100%			\$1,000,000	68	58	25	0	5	28	Line Item 3.B - CIP was not adopted within last two years.	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
33	Enfield, Town of	2017 NC DEQ Sewer Project	Upper Coastal Plain Council of Government	Installation of 2,200 LF of new 8-inch and 850 LF of 10-inch gravity sewer, and 9 MHs to resolve failing septic tanks; replacement of 100 GPM pumps at PS #3.	No	Halifax	\$587,539	75%			\$587,539	71	56	0	15	15	26	Line Item 1.B - The project does not qualify for these points because the sole purpose is not resolving the failed infrastructure. The proposed infrastructure will serve 29 lots, 9 of which do not have existing homes, and the proposed 10-inch sewer is larger than needed to serve the failing systems.	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	Beaufort, Town of	2017 Sanitary Sewer Rehabilitation	Rivers & Associates, Inc.	Rehabilitation of 9,000 LF of 8-inch gravity sewer and 250 lf of MHs; 450 LF of point repairs and repair of 41 MHs; replacement of 350 LF of 8-inch, 6 MHs, and 12 MH frames and covers.	Yes	Carteret	\$1,640,000	100%			\$1,672,800	52	54	25	0	5	24	Line Item 4.C - Gained 2 points due to changes in affordability 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
18	Haw River, Town of	Lang Street Pump Station Replacement	Alley, Williams, Carmen & King	Replacement of 250 GPM PS with a new 700 GPM PS and generator at new location above the 100-year flood elevation.	Yes	Alamance	\$1,500,000	75%		\$1,500,000	\$1,500,000	74	54	12	15	5	22	Line Item 2.P - Project does not clearly resolve impacts to stream.	
19	Andrews, Town of	Wastewater Treatment Plant Improvements Phase II	McGill Associates, PA	Installation of a new aeration basin, blower building, intermediate PS, additional emergency generator, and equalization basin; replacement of secondary clarifier equipment; and upgrades to the RAS PS.	No	Cherokee	\$3,148,000	25%		\$3,148,000	\$3,148,000	93	54	15	16	5	18	Line Item 1.C.1 - Less than 50% of construction cost is for old infrastructure. Line Item 2.P - Stream is impaired for mercury. Project does not clearly resolve impacts to stream. Line Item 3.B - Project listed on CIP is scheduled for 2026-2035 and no explanation is given for doing project now.	

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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
FUNDING SUMMARY							\$269,219,874		\$5,572,394	\$32,189,902									
20	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, and 30 MHs.	No	Columbus	\$1,014,159	50%			\$1,014,159	85	53	25	3	5	20	Line Item 2.C and Line Item 2.P - No documented SSOs reaching the 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.
21	Edenton, Town of	Wastewater Collection System Inflow and Infiltration Abatement	The Wooten Company	Find and Fix including rehabilitation of 6,750 LF of 12-, 10-, and 8-inch gravity sewer; replacement of 1,350 LF of 12-, 10-, and 8-inch gravity sewer and 27 MHs.	Yes	Chowan	\$1,000,000	25%	\$1,000,000	\$1,000,000	\$1,000,000	75	53	25	5	5	18	Line Item 2.P - Project does not clearly resolve impacts to the stream. Line Item 3.A - No resolution or board meeting minutes adopting the CIP provided.	
22	Winfall, Town of	Wastewater System Rehabilitation	Municipal Engineering Services Company, PA	Find and Fix: System consists of 20,900 LF of 8-inch, 15,907 LF 10-inch, 8,637 LF 12-inch gravity sewer and 6 pump stations. Rehabilitation or replacement of gravity sewer and MHs as needed. Replacement of pumps and upgrade electrical at PS #6.	Yes	Perquimans	\$3,000,000	100%			\$3,060,000	55	52	15	0	7	30	Line Item 2.E.2 - Project does not clearly resolve cause of NOV.	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.
23	Mount Olive, Town of	Collection System Find and Fix Rehabilitation	WK Dickson & Co., Inc.	Find and Fix including rehabilitation of 10,500 LF of gravity sewer and 40 MHs.	Yes	Wayne	\$2,049,000	100%			\$2,049,000	55	52	25	0	5	22	Line Item 2.E.1 - Project does not clearly comply with the pending SOC. Line Item 4.C - Gained 2 points due to changes in affordability 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.
24	Robbins, Town of	2017 Sewer Rehabilitation	The Wooten Company	Find and Fix including inspection of 7,050 LF of 8-, 10-, and 12-inch gravity sewer, replacement of 1,135 LF of 8-inch gravity sewer and 15 MHs; 14 point repairs; rehabilitation of 4,940 LF of 8-inch, 456 LF of 10-inch, and 419 LF of 12-inch gravity sewer, and 12 MHs.	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.
25	Taylorsville, Town of	2018 Wastewater Treatment Plant Improvements	West Consultants, PLLC	Installation of a new mechanical screen and rehabilitation of the existing screen.	Yes	Alexander	\$350,000	25%	\$350,000	\$357,000	\$357,000	55	52	25	0	7	20	Line Item 2.J - Project does not provide additional treatment.	
26	Roper, Town of	2017 Wastewater Treatment Plant Improvements	The Wooten Company	Installation of a new secondary clarifier, aerobic sludge digester, and chlorination/dechlorination/ post-aeration system.	Yes	Washington	\$960,000	25%	\$960,000	\$960,000	\$960,000	70	48	15	8	5	20	Line Item 2.J - Switching from UV disinfection to chlorination/dechlorination does not provide additional treatment. Line Item 2.P - Project does not clearly resolve impacts to the stream. Line 3.A - CIP adopted in 2014, greater than within 2 years of application date.	
27	Thomasville, City of	Hank's Branch Sanitary Sewer Rehabilitation, Phase I	Alley, Williams, Carmen & King	Rehabilitation of 5,100 LF of 18-inch gravity sewer and 26 MHs.	Yes	Davidson	\$1,150,000	75%			\$1,150,000	83	48	25	0	7	16	Line Item 2.C and Line Item 2.P - Project does not clearly address the cause of SSOs.	
28	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 and 45 MHs, and 3,000 LF of point repairs.	Yes	Davidson	\$1,400,000	75%			\$1,400,000	83	48	25	0	7	16	Line Item 2.C and Line Item 2.P - Project does not address cause of SSO. Reason for overflow was previously repaired.	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.
29	Swan Quarter Sanitary District	Wastewater Treatment Facility Rehab	Stroud Engineering, PA	Rehabilitation and repair of existing facultative lagoon and wet weather storage lagoon to include replacement of liner; installation of vinyl bulkhead; modifications to reduce capacity; and abandonment of the other lagoon.	Yes	Hyde	\$1,198,200	75%	\$1,198,200	\$1,198,200	\$1,198,200	47	47	15	3	5	24		

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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
FUNDING SUMMARY							\$269,219,874		\$5,572,394	\$32,189,902									
30	Mount Olive, Town of	Wastewater Treatment Plant Reclaimed Water System Improvements	McGill Associates, PA	Installation of a new irrigation PS; replacement of drip irrigation system with new spray irrigation system; removal of Sycamore trees crop; and establishment of a grass crop.	No	Wayne	\$3,442,000	100%			\$3,442,000	45	47	15	5	5	22	Line Item 4.C - Gained 2 points due to changes in affordability 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.
31	Burnsville, Town of	Burnsville OMC Pump Station and Water Treatment Plant Improvements	McGill Associates, PA	Replacement of 850 GPM OMC PS with a new 1,225 GPM PS and 980 LF of 8-inch gravity sewer.	Yes	Yancey	\$1,171,800	25%	\$806,400	\$806,400	\$1,171,800	91	42	12	3	7	20	Line Items 1.C & 1.C.1 - Project is expansion and not rehabilitation. Gave points for Line Items 1.D & 1.D.1 instead. Line Item 2.C - No documentation of SSOs reaching bodies of water. Line Item 2.E.2 - Project doesn't clearly address NOV. Line Item 2.Q - No documentation of SSOs reaching bodies of water. Line Item 3.B - No documentation of AMP contents provided.	\$365,400 also requested in DW SR application. Gravity sewer will eliminate need for NPDES discharge of sludge dewatering system. Only funding OMC PS funding \$806,400.
32	Valdese, Town of	Wastewater Treatment Plant Upgrade - Backdrive Centrifuge	Alfa Laval Inc. - Equipment Vendor - Turnkey	Upgrades to the WWTP centrifuge control system to include VFD motors, controllers, and panels.	No	Burke	\$317,265	0%		\$317,265	\$317,265	42	42	25	0	5	12		
34	Warsaw, Town of	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Find and Fix for rehabilitation or replacement of gravity sewer in collection system to resolve SSOs and NOVs; replacement of pumps and tertiary filters at the WWTP.	No	Duplin	\$4,000,000	25%			\$4,000,000	54	38	12	3	5	18	Line Item 1.C and 1.C.1 - Like-for Like replacement not clearly stated therefore expansion. Line Item 1.D and 1.D.1 given instead. Line Item 2.J - Project doesn't provide additional treatment.	
35	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		
36	Reidsville, City of	Wastewater Treatment Plant Nutrient Removal Project	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.	Yes	Rockingham	\$3,963,089	50%			\$4,507,278	56	36	15	3	0	18	Line Item 1.C.1 - Cost for replacement of aged infrastructure <50% of project costs. Line Item 2.D - Points were claimed for this line item based on rules with no effective date.	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	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 sized for a maximum throughput of 92 dry tons/day and (2) cooling heat exchangers; construction of two (2) new 2.22 MG anaerobic digesters; new nitrogen sidestream 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		

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FUNDING SUMMARY							\$269,219,874		\$5,572,394	\$32,189,902									
38	Tyrrell County	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Installation of a new 25,000 LF low-pressure sewer system (2-inch, 3-inch and 4-inch and 74 grinder PSs) 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.	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.
39	Fayetteville Public Works Commission	Rockfish Creek Basin Peak Flow Facilities	CDM Smith	Installation of a new 3.5 MG EQ facility to include a 12.5 MGD PS, 1,100 LF of 24-inch FM, a 3.5 MG storage tank, and 550 LF of 36-inch gravity sewer.	Yes	Cumberland	\$17,912,000	0%			\$18,270,240	49	29	2	15	0	12	Line Item 2.Q - No supporting paperwork and No Source Water Protection Plan was supplied. Line Item 3.B - CIP is not a 10-year CIP.	
40	Teachey, Town of	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Installation of 810 LF of new 8-inch gravity sewer.	Yes	Duplin	\$165,400	75%		\$165,400	\$165,400	31	27	0	0	5	22	Line Item 1.D - This project is considered new infrastructure. Line Item 4.C - Applicant gave different numbers for LGU indicators without documentation. Division data was used.	
41	Selma, Town of	2017 Sewer Rehabilitation	The Wooten Company	Replacement of 880 LF of 10-inch, 2,320 LF of 12-inch, and 1,840 LF of 15-inch gravity sewer and 25 MHs; rehabilitation of 220 LF of 10-inch, 480 LF of 12-inch, and 360 LF of 15-inch gravity sewer; and 22 point repairs.	Yes	Johnston	\$1,994,400	75%			\$1,994,400	70	27	2	0	5	20	Line Item 1.C - The narrative does not specifically state like-for-like replacement. Line Item 1.C.1 - Documentation provided only demonstrates that the infrastructure will be at least 40 years old in Oct 2017. Line Item 2.P - Project does not directly benefit the impairment.	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.
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. (PROJECT FUNDING WILL BE REQUESTED OVER 5 FUNDING CYCLES)	No	Mecklenburg	\$69,539,000	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.	
43	Carolina Beach, Town of	2017 Wastewater Project	Engineering Services, PA	Replacement of 2,280 LF of 8-inch, 10-inch, and 12-inch gravity sewer.	Yes	New Hanover	\$1,342,000	0%		\$1,342,000	\$1,342,000	47	24	12	0	0	12	Line Item 1.C.1 - No points claimed for 1.C. Project replaces existing sewer lines with larger diameter. Line Items 1.D and 1.D.1 - See notes on line item 1.C. These items were scored in lieu of items 1.C and 1.C.1. Line Item 2.C - Insufficient SSO documentation. Line Item 2.Q - Project does not demonstrate direct benefit to special waters.	
44	Alexander County	Sewer Collection Line Extension and Pump Station Upgrade	McGill Associates, PA	Replacement of 8-inch gravity sewer with 8,000 LF of 12-inch and 15-inch gravity sewer; installation of a new 350 GPM Bowman PS and expansion of Wittenburg PS from 200 GPM to 350 GPM including 10,000 LF of 8-inch FM for both pump stations; and installation of 13,000 LF of new 8-inch gravity sewer.	No	Alexander	\$5,181,300	50%		\$5,181,300	\$5,284,926	25	23	0	0	5	18	Line Item 1.D - Project serves a new area.	

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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	
FUNDING SUMMARY							\$269,219,874		\$5,572,394	\$32,189,902										
45	Johnston County	WWTP 4 MGD Expansion	Johnston County Public Utilities	4 MGD expansion of Central Johnston County Regional WWF and decommission of some old infrastructure. Increase treatment from three stage to five stage process. Improvements at the WWTP include retrofitting aeration basins #4 thru 7 and filters #7 & 8; installation of new process basins #8 through 10, blower building, three additional clarifiers, denitrification filter, and storage facility; and improvements to UV disinfection and Operation Space. Improvements at the Biosolids Facility include installation of a new dewatering building and equipment; and improvements to the storage tanks.	Yes	Johnston	\$9,150,000	0%			\$9,150,000	30	20	2	3	5	10	Line Item 1.D.1 - There is no documentation showing construction cost for replacement of aged infrastructure is >50% of project. Line Item 3.A - No resolution showing CIP is adopted. Line Item 4.A - Applicant scored themselves for <20,000 connections but they have 9,258 connections so they scored 2 additional points.	Request for additional funding for project originally approved in September 2016 application round.	
46	Johnston County	Buffalo Creek WWPS Upgrade & FM	None	Expansion of the Buffalo Creek WWPS from 2,980 GPM to 5,000 GPM and replacement of 12-inch and 16-inch FM with 13,400 LF of 20-inch FM.	No	Johnston	\$4,405,000	0%	\$4,405,000		\$4,493,100	29	17	2	0	5	10	Line Item 1.D.1 - No age documentation. Line Item 3.A - No resolution showing CIP adopted.		
47	Forsyth County	Idols Road Regional Pump Station	Highfill Infrastructure Engineering, PC	Installation of a new 5.86 MGD Idols Road Regional PS and 2,800 LF of 20-inch FM to connect to the East Davie 20-inch FM (funded in September 2016 round, CS370795-01).	No	Forsyth	\$4,473,300	0%			\$4,473,300	33	16	0	0	0	16	Line Item 1.D - Project is new infrastructure. Line Item 2.C - Project is new infrastructure.	Project is an expansion to another project (East Davie Wastewater Collection - Project No. CS370795-01).	
48	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 with PS and EQ basin 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.	
49	Leland, Town of	Relocation of Lift Station #14	Sepi Engineering & Construction, Inc.	Replacement of LS #14 to new location.	No	Brunswick	\$1,161,055	0%	\$1,161,055		\$1,161,055	54	8	2	0	0	6	Line Item 1.C - There are multiple parts in the application where it states "capacity will be evaluated" therefore Line Item 1.D expansion points given instead.		
50	Love Valley, Town of	Sanitary Sewer System	Municipal Engineering Services Company, PA	Installation of a new LPS system including 7 grinder pumps, 4,530 LF of 2-inch FM, and on-site treatment system.	Yes	Iredell	\$110,010	0%			\$541,010	28	3	0	3	0	0	Line Item 1.C and Line Item 1.C.1 - This is new infrastructure therefore no project purpose points.	Total project is \$2.63M. \$400,000 SAP was approved at October SWIA meeting, balance is \$2.2M.	
							Total Funded in Wastewater State Reserve		\$5,572,394	\$32,189,902			\$37,762,296							

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

51	Murphy, Town of	Regal Street Water and Sewer Improvements	McGill Associates, PA	Replacement of 1,000 LF of 8-inch waterline, 2,900 LF of 6-inch waterline, 500 LF of 4-inch waterline, and 3,700 LF of 6-inch with 3,700 LF of 8-inch gravity sewer.	Yes	Cherokee	\$1,204,774	0%			\$1,204,774	71	71	25	15	15	16		
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Wastewater State Reserve Projects-April 2017 Application Round - Projects Approved for Funding by State Water Infrastructure Authority on July 19, 2017																			
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
FUNDING SUMMARY							\$269,219,874		\$5,572,394	\$32,189,902									
52	Bunn, Town of	WWTP Rehabilitation	Municipal Engineering Services Company, PA	Rehabilitation of 150,000 GPD package WWTP. Installation of new blowers and yard pipe.	No	Franklin	\$900,300	25%			\$900,300	51	52	25	0	5	22	Line Item 2.J - Repairing/replacing existing equipment is not considered additional treatment. Project does not add or upgrade a unit process. Category 4 - Gained points due to changes in affordability benchmarks.	Grant eligibility calculated differently than applicant. Applicant did not input Debt Principal or Interest in the affordability calculator and used a different project cost.
53	Old Fort, Town of	Water & Sewer Improvements	Municipal Engineering Services Company, PA	Rehabilitation of clarifiers 1 & 2 by replacing all internal equipment, removal of clarifier 3 internal equipment that is no longer in operation; replacement of WWTP diesel generator, valves between EQ basin and aeration basin, coarse bubble aeration system and blowers in both the EQ basin and Sludge Holding Tanks 1 & 2, and leaking roof on operations building.	No	McDowell	\$1,500,000	25%			\$1,500,000	48	50	25	0	5	20	Line Item 2.J - Repairing/replacing existing equipment is not considered additional treatment. Category 4 - Gained 2 points due to change in affordability benchmarks.	
54	Ramseur, Town of	2017 Sewer Rehabilitation	The Wooten Company	Rehabilitation of 2,700 LF of 8-inch gravity sewer and 8 MHs, replacement of 2 MHs, and 10 point repairs.	Yes	Randolph	\$369,215	0%			\$369,215	43	43	15	3	5	20	Operating ratio is greater than 1.5 with project. Not eligible for a grant.	

**Clean Water State Revolving Fund (CWSRF) - April 2017 Application Round -
Projects Approved for Funding by State Water Infrastructure Authority
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Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Principal Forgiveness	Base CWSRF	Total Project Cost	Points Submitted	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
FUNDING SUMMARY							\$270,489,389	\$2,000,000	\$72,501,852										
1	Warrenton, Town of	Warrenton Sewer Rehab	Municipal Engineering Services Company, PA	Replacement of 1,795 LF of 8-inch gravity sewer along Unity Drive, Ridgeway Street, and Bute Street.	No	Warren	\$460,000			\$460,000	71	71	25	15	15	16			
2	St. Pauls, Town of	Wastewater Collection System Rehabilitation	McGill Associates, PA	Rehabilitation of 10,300 LF of 8-inch, 777 LF of 12-inch gravity sewer and 140 VF of MHs; replacement of 3,228 LF of 6-inch with 8-inch gravity sewer, and 15 MHs.	Yes	Robeson	\$1,603,380	\$500,000	\$1,103,380	\$1,603,380	75	70	25	18	15	12	Line Item 2.E.1 - Project does not address items in SOC application. Gave points for 2.E.2 instead because of NOVs.		
3	Thomasville, City of	North Hamby Creek Outfall Sanitary Sewer Improvements Phase III	Fleming Engineering, Inc.	Replacement of 5,551 LF of 8-inch, 280 LF of 10-inch, 5,284 LF of 12-inch with 24-inch gravity sewer, and 43 MHs.	Yes	Davidson	\$8,334,351			\$8,501,038	68	68	12	35	7	14			
4	Farmville, Town of	Basin 5 Sanitary Sewer	McDavid Associates, Inc.	Replacement of 5,900 LF of 8-inch gravity sewer and 19 MHs to reduce I/I.	Yes	Pitt	\$2,664,000			\$2,664,000	75	60	25	0	15	20	Line Item 2.C - No affidavit from residence was provided as documentation for backups into homes.	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.	
5	Graham, City of	Boyd Creek Lift Station	Alley, Williams, Carmen & King	Replace existing 700 GPM lift station, install bar screen, 500 LF 18" gravity sewer and 350 LF 10" FM.	Yes	Alamance	\$2,450,000			\$2,450,000	70	60	12	35	5	8	Line Item 3.B - No CIP provided.		
6	Tuckaseegee Water and Sewer Authority	Jackson Paper and Dollar General Lift Station Improvements	McGill Associates, PA	Replacement of two PSs with a new 1175 GPM pump station, 100 LF of 8-inch, 400 LF of 12-inch, and 800 LF of 16-inch gravity sewer, 5 MHs, 800 LF of 10-inch and 400 LF of 6-inch FM.	No	Jackson	\$1,515,200			\$1,765,200	58	60	25	20	7	8	Line Item 4.C - Used Jackson County data and got 4/5 LGU indicators. This increased the score by 2 points.		
7	Warrenton, Town of	Battle Avenue Sewer Upgrade	Municipal Engineering Services Company, PA	Replacement of 3,000 LF of 8-inch with 12-inch gravity sewer.	No	Warren	\$738,125			\$738,125	58	58	12	15	15	16			
8	Sawmills, Town of	Horseshoe Bend Road Area Sanitary Sewer Project	West Consultants, PLLC	Installation of 15,000 LF of new 8-inch gravity sewer, new pump station and 11,200 LF of new 6-inch FM to resolve failing septic systems.	Yes	Caldwell	\$2,300,000			\$2,746,000	57	57	15	15	15	12			
9	Plymouth, Town of	Wastewater Treatment Plant Rehabilitation and Improvements	Wooten Company	Rehabilitation of 0.8 MGD WWTP to include grit/bar headworks, aeration basin cleanout, secondary clarifier no.2, aerobic digesters, and decant PS; replacement of chlorine disinfection system, dechlor system, post aeration system, flow meter/sample, SCADA improvements, misc. sitework/piping/electrical.	Yes	Washington	\$2,042,500	\$500,000	\$1,542,500	\$2,042,500	64	54	25	6	7	16	Line Item 2.D - No promulgated but not yet effective regulations provided.		

**Clean Water State Revolving Fund (CWSRF) - April 2017 Application Round -
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Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Principal Forgiveness	Base CWSRF	Total Project Cost	Points Submitted	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
FUNDING SUMMARY							\$270,489,389	\$2,000,000	\$72,501,852										
10	Burke County	Eckard Creek Pump Station Rehabilitation	West Consultants, PLLC	Replacement of 1,000 GPM PS, manual barscreen with new channel grinder, generator and 7,600 LF of 12-inch FM; rehabilitation of concrete wetwell; and miscellaneous site and electrical improvements.	Yes	Burke	\$1,666,680	\$500,000	\$1,166,680	\$1,666,680	69	54	25	0	15	14.00	Line Item 2.C - Project will not resolve SSOs.		
11	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 and 1,180 LF of 6-inch FM; upgrades to the Sunset PS; and installation of a new SCADA system for the Town's 19 PSs.	Yes	Surry	\$2,503,992	\$500,000	\$2,003,992	\$2,528,784	67	54	12	15	15	12	Line Item 1.C - Application Narrative 4-inch FM replacement but sealed budget 6-inch FM which is an expansion. Points for expansion and age given instead.		
12	Parmelee, Town of	2017 Sanitary Sewer Rehabilitation	McDavid Associates, Inc.	Rehabilitation of PS including replacement of pumps, piping, and valves; rehabilitation of 2,500 LF of gravity sewer, and 52 MHs; replacement of 400 LF gravity sewer and 2 MHs.	Yes	Martin	\$1,000,000			\$1,000,000	61	51	15	15	5	16	Line Item 3.B - CIP is for 5 years.	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	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 and rehabilitation of 24 MHs.	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.	
14	Taylorsville, Town of	2018 Prison Sewer Pump Station Improvements	West Consultants, PLLC	Rehabilitation of PS to include replacement of 225 GPM pumps, controls, and mechanical screen and purchase of a portable pump for reliability.	Yes	Alexander	\$430,000			\$438,600	50	50	15	18	7	10			
15	Beaufort, Town of	2017 Sanitary Sewer Rehabilitation	Rivers & Associates, Inc.	Rehabilitation of 9,000 LF of 8-inch gravity sewer and 250 lf of MHs; 450 LF of point repairs and repair of 41 MHs; replacement of 350 LF of 8-inch, 6 MHs, and 12 MH frames and covers.	Yes	Carteret	\$1,640,000			\$1,672,800	46	48	25	0	5	18	Line Item 4.C - Gained 2 points due to changes in affordability 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	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 OSMB 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.	
17	Robersonville, Town of	Wastewater System Improvements	The Wooten Company	Find and Fix in the northern portion of the Town's system to include inspection of 10,000 LF of gravity sewer, replacement of 2,000 LF of 8-inch gravity sewer, and rehabilitation of 3,500 LF of 8-inch gravity sewer and 55 MHs.	Yes	Martin	\$1,000,000			\$1,000,000	58	48	25	0	5	18	Line Item 3.B - CIP was not adopted within last two years.	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.	
18	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, and 30 MHs.	No	Columbus	\$1,014,159			\$1,014,159	79	47	25	3	5	14	Line Item 2.C and Line Item 2.P. - No documented SSOs reaching the 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.	

**Clean Water State Revolving Fund (CWSRF) - April 2017 Application Round -
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Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	Provided Additional Information	County	Total Funding Requested	Principal Forgiveness	Base CWSRF	Total Project Cost	Points Submitted	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Staff Notes	
FUNDING SUMMARY							\$270,489,389	\$2,000,000	\$72,501,852										
19	Edenton, Town of	Wastewater Collection System Inflow and Infiltration Abatement	The Wooten Company	Find and Fix including rehabilitation of 6,750 LF of 12-, 10-, and 8-inch gravity sewer; replacement of 1,350 LF of 12-, 10-, and 8-inch gravity sewer and 27 MHs.	Yes	Chowan	\$1,000,000			\$1,000,000	69	47	25	5	5	12	Line Item 2.P - Project does not clearly resolve impacts to the stream. Line Item 3.A - No resolution or board meeting minutes adopting the CIP provided.		
20	Mount Olive, Town of	Collection System Find and Fix Rehabilitation	WK Dickson & Co., Inc.	Find and Fix including rehabilitation of 10,500 LF of gravity sewer and 40 MHs.	Yes	Wayne	\$2,049,000			\$2,049,000	49	46	25	0	5	16	Line Item 2.E.1 - Project does not clearly comply with the pending SOC. Line Item 4.C - Gained 2 points due to changes in affordability 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.	
39	Enfield, Town of	2017 NC DEQ Sewer Project	Upper Coastal Plain Council of Government	Installation of 2,200 LF of new 8-inch and 850 LF of 10-inch gravity sewer, and 9 MHs to resolve failing septic tanks; replacement of 100 GPM pumps at PS #3.	No	Halifax	\$587,539			\$587,539	61	46	0	15	15	16	Line Item 1.B - The project does not qualify for these points because the sole purpose is not resolving the failed infrastructure. The proposed infrastructure will serve 29 lots, 9 of which do not have existing homes, and the proposed 10-inch sewer is larger than needed to serve the failing systems.	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.	
21	Thomasville, City of	Hank's Branch Sanitary Sewer Rehabilitation, Phase I	Alley, Williams, Carmen & King	Rehabilitation of 5,100 LF of 18-inch gravity sewer and 26 MHs.	Yes	Davidson	\$1,150,000		\$1,150,000	\$1,150,000	81	46	25	0	7	14	Line Item 2.C and Line Item 2.P - Project does not clearly address the cause of SSOs.		
22	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 and 45 MHs, and 3,000 LF of point repairs.	Yes	Davidson	\$1,400,000			\$1,400,000	81	46	25	0	7	14	Line Item 2.C and Line Item 2.P - Project does not address cause of SSO. Reason for overflow was previously repaired.	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.	
23	Haw River, Town of	Lang Street Pump Station Replacement	Alley, Williams, Carmen & King	Replacement of 250 GPM PS with a new 700 GPM PS and generator at new location above the 100-year flood elevation.	Yes	Alamance	\$1,500,000			\$1,500,000	64	44	12	15	5	12	Line Item 2.P - Project does not clearly resolve impacts to stream.		
24	Andrews, Town of	Wastewater Treatment Plant Improvements Phase II	McGill Associates, PA	Installation of a new aeration basin, blower building, intermediate pump station, additional emergency generator, and equalization basin; replacement of secondary clarifier equipment; and upgrades to the RAS PS.	No	Cherokee	\$3,148,000			\$3,148,000	83	44	15	16	5	8	Line Item 1.C.1 - Less than 50% of construction cost is for old infrastructure. Line Item 2.P - Stream is impaired for mercury. Project does not clearly resolve impacts to stream. Line Item 3.B - Project listed on CIP is scheduled for 2026-2035 and no explanation is given for doing project now.		
25	Winfall, Town of	Wastewater System Rehabilitation	Municipal Engineering Services Company, PA	Find and Fix: System consists of 20,900 LF of 8-inch, 15,907 LF 10-inch, 8,637 LF 12-inch gravity sewer and 6 pump stations. Rehabilitation or replacement of gravity sewer and MHs as needed. Replacement of pumps and upgrade electrical at PS #6.	Yes	Perquimans	\$3,000,000			\$3,060,000	45	42	15	0	7	20	Line Item 2.E.2 - Project does not clearly resolve cause of NOV.	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.	
26	Bunn, Town of	WWTP Rehabilitation	Municipal Engineering Services Company, PA	Rehabilitation of 150,000 GPD package WWTP. Installation of new blowers and yard pipe.	No	Franklin	\$900,300			\$900,300	41	42	25	0	5	12	Line Item 2.J - Repairing/replacing existing equipment is not considered additional treatment. Project does not add or upgrade a unit process. Category 4 - Gained points due to changes in affordability benchmarks.	Grant eligibility calculated differently than applicant. Applicant did not input Debt Principal or Interest in the affordability calculator and used a different project cost.	

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FUNDING SUMMARY							\$270,489,389	\$2,000,000	\$72,501,852										
27	Robbins, Town of	2017 Sewer Rehabilitation	The Wooten Company	Find and Fix including inspection of 7,050 LF of 8-, 10-, and 12-inch gravity sewer, replacement of 1,135 LF of 8-inch gravity sewer and 15 MHs; 14 point repairs; rehabilitation of 4,940 LF of 8-inch, 456 LF of 10-inch, and 419 LF of 12-inch gravity sewer, and 12 MHs.	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	Taylorsville, Town of	2018 Wastewater Treatment Plant Improvements	West Consultants, PLLC	Installation of a new mechanical screen and rehabilitation of the existing screen.	Yes	Alexander	\$350,000			\$357,000	45	42	25	0	7	10	Line Item 2.J - Project does not provide additional treatment.		
29	Mount Olive, Town of	Wastewater Treatment Plant Reclaimed Water System Improvements	McGill Associates, PA	Installation of a new irrigation PS; replacement of drip irrigation system with new spray irrigation system; removal of Sycamore trees crop; and establishment of a grass crop.	No	Wayne	\$3,442,000			\$3,442,000	39	41	15	5	5	16	Line Item 4.C - Gained 2 points due to changes in affordability 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.	
30	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 sized for a maximum throughput of 92 dry tons/day and (2) cooling heat exchangers; construction of two (2) new 2.22 MG anaerobic digesters; new nitrogen sidestream 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	4.00			
31	Roper, Town of	2017 Wastewater Treatment Plant Improvements	The Wooten Company	Installation of a new secondary clarifier, aerobic sludge digester, and chlorination/dichlorination/ post-aeration system.	Yes	Washington	\$960,000			\$960,000	60	38	15	8	5	10	Line Item 2.J - Switching from UV disinfection to chlorination/dechlorination does not provide additional treatment. Line Item 2.P - Project does not clearly resolve impacts to the stream. Line 3.A - CIP adopted in 2014, greater than within 2 years of application date.		
32	Winston-Salem, City of	Muddy Creek and Archie Elledge WWTP Phase II Rehabilitation Project - Digester Improvements and Thickening Facilities Upgrades	Black and Veatch	Muddy Creek WWTP Digester Improvements and Thickening Facilities (replacing aging equipment installed in 1986 and 1996), and Archie Elledge WWTP Thickening Facilities Upgrade (replacing equipment installed in 1979 - 1991).	No	Forsyth	\$13,750,979			\$13,750,979	38	38	25	0	5	8			
33	Swan Quarter Sanitary District	Wastewater Treatment Facility Rehab	Stroud Engineering, PA	Rehabilitation and repair of existing facultative lagoon and wet weather storage lagoon to include replacement of liner; installation of vinyl bulkhead; modifications to reduce capacity; and abandonment of the other lagoon.	Yes	Hyde	\$1,198,200			\$1,198,200	39	37	15	3	5	14			

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FUNDING SUMMARY							\$270,489,389	\$2,000,000	\$72,501,852										
34	Valdese, Town of	Wastewater Treatment Plant Upgrade - Backdrive Centrifuge	Alfa Laval Inc. - Equipment Vendor - Turnkey	Upgrades to the WWTP centrifuge control system to include VFD motors, controllers, and panels.	No	Burke	\$317,265			\$317,265	36	36	25	0	5	6			
35	Ramseur, Town of	2017 Sewer Rehabilitation	The Wooten Company	Rehabilitation of 2,700 LF of 8-inch gravity sewer and 8 MHs, replacement of 2 MHs, and 10 point repairs.	Yes	Randolph	\$369,215			\$369,215	33	33	15	3	5	10.00	Operating ratio is greater than 1.5 with project. Not eligible for a grant.		
36	Reidsville, City of	Wastewater Treatment Plant Nutrient Removal Project	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.	Yes	Rockingham	\$3,963,089			\$4,507,278	52	32	15	3	0	14	Line Item 1.C.1 - Cost for replacement of aged infrastructure <50% of project costs. Line Item 2.D - Points were claimed for this line item based on rules with no effective date.	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	Warsaw, Town of	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Find and Fix for rehabilitation or replacement of gravity sewer in collection system to resolve SSOs and NOV; replacement of pumps and tertiary filters at the WWTP.	No	Duplin	\$4,000,000		\$4,000,000	\$4,000,000	48	32	12	3	5	12	Line Item 1.C and 1.C.1 - Like-for Like replacement not clearly stated therefore expansion. Line Item 1.D and 1.D.1 given instead. Line Item 2.J - Project doesn't provide additional treatment.		
38	Burnsville, Town of	Burnsville OMC Pump Station and Water Treatment Plant Improvements	McGill Associates, PA	Replacement of 850 GPM OMC PS with a new 1,225 GPM PS and 980 LF of 8-inch gravity sewer.	Yes	Yancey	\$1,171,800			\$1,171,800	81	32	12	3	7	10	Line Items 1.C & 1.C.1 - Project is expansion and not rehabilitation. Gave points for Line Items 1.D & 1.D.1 instead. Line Item 2.C - No documentation of SSOs reaching bodies of water. Line Item 2.E.2 - Project doesn't clearly address NOV. Line Item 2.Q - No documentation of SSOs reaching bodies of water. Line Item 3.B - No documentation of AMP contents provided.	\$365,400 also requested in DW SR application. Gravity sewer will eliminate need for NPDES discharge of sludge dewatering system. Only funding OMC PS funding \$806,400.	
40	Fayetteville Public Works Commission	Rockfish Creek Basin Peak Flow Facilities	CDM Smith	Installation of a new 3.5 MG EQ facility to include a 12.5 MGD PS, 1,100 LF of 24-inch FM, a 3.5 MG storage tank, and 550 LF of 36-inch gravity sewer.	Yes	Cumberland	\$17,912,000		\$17,912,000	\$18,270,240	49	29	2	15	0	12	Line Item 2.Q - No supporting paperwork and No Source Water Protection Plan was supplied. Line Item 3.B - CIP is not a 10-year CIP.		
41	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. (PROJECT FUNDING WILL BE REQUESTED OVER 5 FUNDING CYCLES)	No	Mecklenburg	\$69,539,000		\$30,000,000	\$69,539,000	87	26	15	0	5	6.00	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.		

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FUNDING SUMMARY							\$270,489,389	\$2,000,000	\$72,501,852										
42	Tyrrell County	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Installation of a new 25,000 LF low-pressure sewer system (2-inch, 3-inch and 4-inch and 74 grinder PSs) 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.	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	Selma, Town of	2017 Sewer Rehabilitation	The Wooten Company	Replacement of 880 LF of 10-inch, 2,320 LF of 12-inch, and 1,840 LF of 15-inch gravity sewer and 25 MHs; rehabilitation of 220 LF of 10-inch, 480 LF of 12-inch, and 360 LF of 15-inch gravity sewer; and 22 point repairs.	Yes	Johnston	\$1,994,400			\$1,994,400	64	21	2	0	5	14	Line Item 1.C - The narrative does not specifically state like-for-like replacement. Line Item 1.C.1 - Documentation provided only demonstrates that the infrastructure will be at least 40 years old in Oct 2017. Line Item 2.P - Project does not directly benefit the impairment.	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.	
44	Carolina Beach, Town of	2017 Wastewater Project	Engineering Services, PA	Replacement of 2,280 LF of 8-inch, 10-inch, and 12-inch gravity sewer.	Yes	New Hanover	\$1,342,000			\$1,342,000	41	18	12	0	0	6.00	Line Item 1.C.1 - No points claimed for 1.C. Project replaces existing sewer lines with larger diameter. Line Items 1.D and 1.D.1 - See notes on line item 1.C. These items were scored in lieu of items 1.C and 1.C.1. Line Item 2.C - Insufficient SSO documentation. Line Item 2.Q - Project does not demonstrate direct benefit to special waters.		
45	Teachey, Town of	2017 Sanitary Sewer Improvements	McDavid Associates, Inc.	Installation of 810 LF of new 8-inch gravity sewer.	Yes	Duplin	\$165,400			\$165,400	21	17	0	0	5	12	Line Item 1.D - This project is considered new infrastructure. Line Item 4.C - Applicant gave different numbers for LGU indicators without documentation. Division data was used.		
46	Johnston County (additional funding requested)	WWTP 4 MGD Expansion	Johnston County Public Utilities	4 MGD expansion of Central Johnston County Regional WWF and decommission of some old infrastructure. Increase treatment from three stage to five stage process. Improvements at the WWTP include retrofitting aeration basins #4 thru 7 and filters #7 & 8; installation of new process basins #8 through 10, blower building, three additional clarifiers, denitrification filter, and storage facility; and improvements to UV disinfection and Operation Space. Improvements at the Biosolids Facility include installation of a new dewatering building and equipment; and improvements to the storage tanks.	Yes	Johnston	\$9,150,000		\$9,150,000	\$39,933,000	28	16	2	3	5	6	Line Item 1.D.1 - There is no documentation showing construction cost for replacement of aged infrastructure is >50% of project. Line Item 3.A - No resolution showing CIP is adopted. Line Item 4.A - Applicant scored themselves for <20,000 connections but they have 9,258 connections so they scored 2 additional points.	Request for additional funding for project originally approved in September 2016 application round.	
47	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 with PS and EQ basin 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.	
48	Johnston County	Buffalo Creek WWPS Upgrade & FM	None	Expansion of the Buffalo Creek WWPS from 2,980 GPM to 5,000 GPM and replacement of 12-inch and 16-inch FM with 13,400 LF of 20-inch FM.	No	Johnston	\$4,405,000			\$4,493,100	25	13	2	0	5	6	Line Item 1.D.1 - No age documentation. Line Item 3.A - No resolution showing CIP adopted.		

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FUNDING SUMMARY							\$270,489,389	\$2,000,000	\$72,501,852										
49	Alexander County	Sewer Collection Line Extension and Pump Station Upgrade	McGill Associates, PA	Replacement of 8-inch gravity sewer with 8,000 LF of 12-inch and 15-inch gravity sewer; installation of a new 350 GPM Bowman PS and expansion of Wittenburg PS from 200 GPM to 350 GPM including 10,000 LF of 8-inch FM for both pump stations; and installation of 13,000 LF of new 8-inch gravity sewer.	No	Alexander	\$5,181,300			\$5,284,926	15	13	0	0	5	8	Line Item 1.D - Project serves a new area.		
50	Forsyth County	Idols Road Regional Pump Station	Highfill Infrastructure Engineering, PC	Installation of a new 5.86 MGD Idols Road Regional PS and 2,800 LF of 20-inch FM to connect to the East Davie 20-inch FM (funded in September 2016 round, CS370795-01).	No	Forsyth	\$4,473,300		\$4,473,300	\$4,473,300	23	6	0	0	0	6	Line Item 1.D - Project is new infrastructure. Line Item 2.C - Project is new infrastructure.	Project is an expansion to another project (East Davie Wastewater Collection - Project No. CS370795-01).	
51	Leland, Town of	Relocation of Lift Station #14	Sepi Engineering & Construction, Inc.	Replacement of LS #14 to new location.	No	Brunswick	\$1,161,055			\$1,161,055	17	4	2	0	0	2	Line Item 1.C - There are multiple parts in the application where it states "capacity will be evaluated" therefore Line Item 1.D expansion points given instead.		
52	Love Valley, Town of	Sanitary Sewer System	Municipal Engineering Services Company, PA	Installation of a new LPS system including 7 grinder pumps, 4,530 LF of 2-inch FM, and on-site treatment system.	Yes	Iredell	\$110,010			\$541,010	28	3	0	3	0	0	Line Item 1.C and Line Item 1.C.1 - This is new infrastructure therefore no project purpose points.	Total project is \$2.63M. \$400,000 SAP was approved at October SWIA meeting, balance is \$2.2M.	

Total Funded in CWSRF	\$2,000,000	\$72,501,852
	\$74,501,852	

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

53	Murphy, Town of	Regal Street Water and Sewer Improvements	McGill Associates, PA	Replacement of 1,000 LF of 8-inch waterline, 2,900 LF of 6-inch waterline, 500 LF of 4-inch waterline, and 3,700 LF of 6-inch with 3,700 LF of 8-inch gravity sewer.	Yes	Cherokee	\$1,204,774			\$1,204,774	61	61	25	15	15	6		
54	Old Fort, Town of	Water & Sewer Improvements	Municipal Engineering Services Company, PA	Rehabilitation of clarifiers 1 & 2 by replacing all internal equipment, removal of clarifier 3 internal equipment that is no longer in operation; replacement of WWTP diesel generator, valves between EQ basin and aeration basin, coarse bubble aeration system and blowers in both the EQ basin and Sludge Holding Tanks 1 & 2, and leaking roof on operations building.	No	McDowell	\$1,500,000			\$1,500,000	38	40	25	0	5	10	Line Item 2.J - Repairing/replacing existing equipment is not considered additional treatment. Category 4 - Gained 2 points due to change in affordability benchmarks.	