

Wastewater State Reserve Projects- April 2016 Application Round																			
Projects Approved for Funding by State Water Infrastructure Authority on July 20, 2016																			
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	Other Considerations/Staff Notes
<b>FUNDING SUMMARY</b>							<b>\$44,052,424</b>		<b>\$3,000,000</b>	<b>\$1,175,000</b>									
1	Trenton, Town of	2016 Wastewater Improvements Project	McDavid Associates, Inc.	Replacement of pumps at Town's main PS. At WWTP increase volume of EQ basin, replacement of piping, blowers, construction of a new effluent PS, 13,500 lf 8-inch FM, storage structure, irrigation pump building, chlorination facilities, and 70,000 gpd spray irrigation system.	X	Jones	\$3,000,000	100%	\$3,000,000	\$0	\$3,800,000	99	79	15	29	5	30	Line 1.C.1 - <50% of project cost is to rehab/replace old infrastructure. Line 3.B - AMP is incomplete. CIP does not cover 10 yrs.	
2	Fremont, Town of	Fremont Sanitary Sewer Rehab	Municipal Engineering Services Co.	Replacement or rehabilitation via CIPP of 8,000 lf of 8-inch GS, 350 vf of manholes, and 40 services.	X	Wayne	\$1,200,000	100%			\$1,200,000	71	71	25	3	15	28		
3	Elm City, Town of	Wastewater Irrigation System Improvements	Martin-McGill	Construction of new 166,570 gpd spray irrigation fields, 1350 gpm triplex irrigation PS, chlorine contact basin, and access road. Replace existing sprinklers at existing spray	X	Wilson	\$3,000,000	100%			\$3,000,000	75	63	2	26	5	30	Line 1.D.1 - <50% of project cost is to rehab/replace old infrastructure. Line 3.A - no resolution showing the CIP was adopted.	
4	Dublin, Town of	FY16 Sewer System Improvements	WithersRavenel	Rehabilitation of Lyons Landing LS to include new pumps, piping, flow meter, electrical and generator. Electrical rehabilitation of HWY 410 LS to include ATS and generator.	X	Bladen	\$302,000	75%			\$302,000	56	56	25	0	7	24		
5	Clyde, Town of	Pigeon River North Sewer Rehabilitation Project	Martin-McGill	Replacement of 2,060 lf of 8-inch GS	X	Haywood	\$550,000	75%			\$550,000	74	54	25	0	7	22	Line 2.P - no SSOs indicated on application thus no impairment impacts.	
6	Farmville, Town of	Basin 5 Sanitary Sewer Replacement	McDavid Associates, Inc.	Replacement of 8,300 lf of 8-inch, 350 lf of 10-inch, and 200 lf of 12-inch GS and 30 MHs.	X	Pitt	\$2,754,000	100%			\$2,754,000	84	54	25	0	5	24	Line 2.P - claims reduction of I/I will reduce effluent discharge into impaired stream. Line 3.B - CIP does not cover 10 yrs.	
7	Fountain, Town of	2016 Sanitary Sewer Improvements	McDavid Associates, Inc.	Replacement of 6,180 lf of 8-inch GS and 86 services.	X	Pitt	\$2,237,400	75%			\$2,237,400	78	54	25	0	5	24	Grant % difference is due to the applicant calculating sewer rates incorrectly. Claimed \$61.50 we calculate \$57.50. Line 2.P - No SSOs from sewer to impaired stream.	
8	Ayden, Town of	2016 Sanitary Sewer Replacement	McDavid Associates, Inc.	Replacement of 4,400 lf of 15-inch GS and rehab 11 manholes	X	Pitt	\$1,873,000	75%			\$1,873,000	80	50	25	0	5	20	Line 2.P - no SSOs indicated on application thus no impairment impacts. Line 3.B - CIP covers 5 yrs not 10 yrs and project is not listed on CIP.	
9	Pikeville, Town of	2016 Sanitary Sewer Improvements	McDavid Associates, Inc.	Replacement of 5,650 lf of 4-inch and 6-inch pipe with 8-inch GS and 20 manholes. Construction of a new PS.	X	Wayne	\$2,772,000	100%			\$2,772,000	71	43	12	0	5	26	Line 1.C and 1.C.1 - application includes a new PS and capacity is not discussed therefore scored as an expansion with age points added. Line 2.E.1 - SOC addresses "wastewater treatment and disposal system" not the collection system that this application is for. Line 3.B - no resolution showing AMP was adopted.	

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	Other Considerations/Staff Notes	
10	Handy Sanitary District	Badin Shores Subdivision - Sewer System Expansion & Repair	MBD Consulting Engineers, P.A.	Construction of a new 300 gpm PS, 2,200 lf of 6-inch FM, retrofitting Badin Lake Regional Sewer System PS#2 new belt drives, motors, circuit breakers, etc., to increase pumping capacity to 300gpm, decommissioning of Badin Shores WWTP, and other collection system repairs.	X	Davidson & Montgomery	\$1,000,000	100%			\$1,000,000	56	41	12	0	5	24	Line 2.C - no SSOs documented.		
11	Mocksville, Town of	Dutchman's Creek WWTP Renovation	Willis Engineers, Inc.	Replacement of influent screening, secondary clarifier, RAS/WAS PS. Installation of gravity belt thickener and construction of a new aerobic digester.	X	Davie	\$3,000,000	0%			\$3,100,000	48	38	15	6	5	12	Grant % difference is due to the applicant calculating sewer rates incorrectly, was based on bimonthly billing, not monthly. Line 1.C.1 - <50% of project cost is to rehab/replace old infrastructure.		
12	Duplin County	B. F. Grady School Sanitary Sewer Improvements	McDavid Associates, Inc.	New PS and 25,000 lf of 6-inch FM to replace septic tank at BF Grady School, and pump to Pink Hill.	X	Duplin	\$2,175,000	50%		\$1,175,000	\$2,175,000	77	31	2	0	7	22	Grant % difference is due to the applicant skipping step 2. Line 1.B and 2.C - not a failing system per health department letter, flows are exceeding design, therefore scored as an expansion. Line 2.F - no system merger, Duplin County still will own PS and FM. Line 3.B - No sewer AMP just DW AMP so gave CIP points because the CIP has the project	See Agenda Item J.5.	
							<b>Total WW State Reserve Funding Approved for the April 2016 Application Round: \$4,175,000</b>													
13	Hendersonville, City of	Multi-area Streambank Restoration Project	Hendersonville, City of	Stabilization of 7,000 lf of streambanks. 6,080 lf of bioengineered geolifts, 3,600 lf of brush mattresses, 16,600 live stakes, several log and boulder vanes, and 18,000 sy of erosion control matting.	X	Henderson	\$2,982,484	0%			\$2,982,484	30	30	0	20	0	10	Grant % difference is due to sewer rates calculated incorrectly. Water and Sewer Rates - no calculations were provided. We used rate sheet and came up with \$27.93 for sewer.		
<b>INCOMPLETE APPLICATIONS</b>																				
14	Stanley, Town of	Collection System Rehabilitation and Improvements Project	Stanley, Town of	Replacement of 4-inch, 6-inch, and 8-inch with 7,250 lf of 8-inch GS and 35 manholes.	X	Gaston	\$2,000,000	100%			\$2,089,600	77	54	25	0	5	24	Line 2.C - no SSOs documented. Line 3.A and 3.B - no resolution showing AMP or CIP adoption. Line 4.C - applicant scores as 4 pts - reviewer awarded 6 pts.	Incomplete application. No resolution provided.	
<b>INELIGIBLE APPLICATIONS</b>																				
15	Cape Fear Public Utility Authority	Northeast Interceptor Northside Force Main Contract 1B	McKim & Creed, Inc.	PROJECT COMPLETED		New Hanover	\$9,843,676												Project has already been constructed.	
16	Cape Fear Public Utility Authority	Northeast Interceptor Northside Force Main Contract 2	McKim & Creed, Inc.	PROJECT COMPLETED		New Hanover	\$5,362,864												Project has already been constructed.	