

North Carolina Drinking Water State Revolving Fund (DWSRF) - September 2013 Applications and Recommendations for Loans NOT READY TO PROCEED

AGENDA ITEM P

Project No.	Applicant Name	Engineering Firm	Description	County	DENR Funding Request	Principal Forgiveness \$	Base SRF	Category	Points Verified (Total All Categories)	Points Criteria			
										Reliability	Affordability	Source Protection & Management	Planning
24	Eastern Wayne Sanitary District	McDavid Associates, Inc.	Construct six new surficial-aquifer wells and 22,000LF of new 8-inch raw water transmission mains connecting the new wells to the District's WTP to offset loss of capacity caused by mandatory CCPCUA withdrawal reductions. Install 16,000 LF of new 12-inch and 16-inch mains to improve hydraulics in the finished water distribution system.	Wayne	\$3,300,000.00		\$3,300,000.00	2	30	3	16	8	3
25	Southeastern Wayne Sanitary District	Municipal Engineering Services Co., P.A.	Construct one new well; 26,000LF of new 8-inch and 12-inch water lines; new booster pump station; new 500Kgal elevated storage tank; new ammonia feed system. Purpose of the project is to offset loss of capacity caused by mandatory CCPCUA withdrawal reductions.	Wayne	\$3,800,000.00		\$3,800,000.00	2	30	3	16	8	3
26	Northwestern Wayne Sanitary District	McDavid Associates, Inc.	Construct five new bedrock aquifer wells and 39,000LF of 8-inch and 12-inch raw water transmission mains connecting the new wells to the District's WTP to offset the loss of capacity caused by mandatory CCPCUA withdrawal reductions.	Wayne	\$3,837,000.00		\$3,837,000.00	2	30	3	16	8	3
27	Belfast-Patetown Sanitary District	McDavid Associates, Inc.	Construct two new bedrock aquifer wells, 22,500 LF of 6-inch and 12-inch water lines, new booster pump station, new 500 Kgal elevated storage tank, new ammonia feed system to offset the loss of capacity caused by the mandatory CCPCUA withdrawal reductions.	Wayne	\$4,100,000.00		\$4,100,000.00	2	30	3	16	8	3
28	Craven, County of	McKim & Creed, Inc.	Construct 2-MGD nanofiltration water treatment facility with a river diffuser for concentrate discharge, new 1-Mgal ground storage tank, new finished water pumping station, five new supply wells, 22,700 LF of new raw water transmission main, 7,800 LF of new finished water transmission main, new radio telemetry control system for the new wells. Purpose of the project is to replace the capacity lost to the CCPCUA mandatory withdrawal reductions.	Craven	\$16,178,995.00		\$16,178,995.00	2	20	5	8	6	1
29	Ossipee, Town of	U.S. Infrastructure of Carolina	Construct interconnection with City of Burlington via approximately 20k feet of 12-inch waterline along NC Highway 87.	Alamance	\$2,491,720.00		\$2,491,720.00	3	36	0	22	11	3

North Carolina Drinking Water State Revolving Fund (DWSRF) - September 2013 Applications and Recommendations for Loans NOT READY TO PROCEED									Points Verified (Total All Categories)	Points Criteria			
Project No.	Applicant Name	Engineering Firm	Description	County	DENR Funding Request	Principal Forgiveness \$	Base SRF	Category		Reliability	Affordability	Source Protection & Management	Planning
30	Beaufort County Water District VII - Richland Township	McDavid Associates, Inc.	Replace all (approximately 1511) water meters with Fixed Base Automated Meter Reading Systems (AMR) Technology.	Beaufort	\$999,000.00			3	34	0	22	11	1
31	Beaufort County Water District VI- Chocowinity/Richland Township	McDavid Associates, Inc.	Replace all (approximately 1,040) water meters system wide with Automated Meter Reading (AMR) technology. Install one portable emergency back up generator and two manual transfer switches at its booster pump stations to ensure project reliability.	Beaufort	\$2,465,000.00			3	32	3	20	8	1
32	Beaufort County Water District V-Pantego Township	McDavid Associates, Inc.	Replace all (approximately 1,040) water meters system wide with Automated Meter Reading (AMR) technology. Install one portable emergency back up generator and two manual transfer switches at its booster pump stations to ensure project reliability.	Beaufort	\$1,169,000.00			3	31	3	24	3	1
33	Beaufort County Water District IV - Bath Township	McDavid Associates, Inc.	Replace all (approximately 2,365) water meters system wide with Automated Meter Reading (AMR) technology. Install one portable emergency back up generator and two manual transfer switches at its booster pump stations to ensure project reliability.	Beaufort	\$1,642,000.00			3	31	3	24	3	1
34	Enfield, Town of	Engineering Services, PA	Replace all (approximately 1,071) water meters system wide with Automated Meter Reading (AMR) technology.	Halifax	\$547,763.00			3	29	0	28	0	1
35	Beaufort County Water District 1- Washington Township	McDavid Associates, Inc.	Replace all (approximately 1581) water meters system wide with Automated Meter Reading (AMR) technology. Install one emergency generator.	Beaufort	\$1,195,000.00			3	29	3	22	3	1
36	Beaufort County Water District II- Long Acre West	McDavid Associates, Inc.	Replace all (approximately 2,247) water meters system wide with Automated Meter Reading (AMR) technology. Install one emergency generator	Beaufort	\$1,526,000.00			3	27	3	20	3	1
37	Beaufort County Water District III	McDavid Associates, Inc.	Replace all (approximately 2,253) water meters system wide with Automated Meter Reading (AMR) technology. Install one emergency generator.	Beaufort	\$1,605,000.00			3	27	3	20	3	1

North Carolina Drinking Water State Revolving Fund (DWSRF) - September 2013 Applications and Recommendations for Loans **NOT READY TO PROCEED**

AGENDA ITEM P

Project No.	Applicant Name	Engineering Firm	Description	County	DENR Funding Request	Principal Forgiveness \$	Base SRF	Category	Points Verified (Total All Categories)	Points Criteria			
										Reliability	Affordability	Source Protection & Management	Planning
38	Cary, Town of	HDR Engineering, Inc. of the Carolinas	Cary/Apex Water Treatment Plant expansion (WTP) from 40 MGD to 56 MGD (29% increase in capacity). Peak Day Demand has exceeded 80% of the WTP capacity and is approaching 90% of the WTP capacity despite implementation of a proactive water conservation effort and continued expansion of the reclaimed water system. WTP expansion is to meet current demand in the existing service area and accommodate reasonable expected near-term growth.	Wake	\$51,205,000.00			3	27	5	4	15	3
39	Magnolia, Town of	McDavid Associates, Inc.	Replace approximately 8,100 feet of 1 1/4" galvanized water line with 6" PVC.	Duplin	\$364,000.00			3	26	0	20	5	1
40	Elm City, Town of	Mack Gay Associates, P.A.	Replace all (approximately 675) meters systemwide with Automated Meter Reading (AMR) technology.	Wilson	\$442,678.00			3	26	0	22	3	1
41	Wilson, City of	CDM	UV Disinfection Project for Wiggins Mill and Toisnot Water Treatment Plants to comply with the LT2ESWTR (achieve 1-log of additional inactivation credit for Cryptosporidium for WTPs using this source water).	Wilson	\$7,476,000.00			3	25	0	16	6	3
42	Wilson, City of	Herring-Sutton & Associates, P. A.	Replace approximately 16,300 LF of 6-30" ductile iron water main which have deteriorated due to age, without increasing capacity.	Wilson	\$3,000,000.00			3	25	0	16	6	3
43	Faison, Town of	McDavid Associates, Inc.	Replace all (approximately 500) meters systemwide with fixed-base Automated Meter Reading (AMR) technology.	Duplin	\$657,000.00			3	24	0	18	5	1
44	Marshville, Town of	LKC Engineering	Replace old and deteriorated water mains, improve the booster pump station, add a generator and a hydraulic loop.	Union	\$1,979,820.00			3	23	5	14	3	1
45	Troutman, Town of	West Consultants, PLLC	Replace 5,140 LF of 4-inch and 100 LF of 6-inch cast-iron pipe (circa 1923) with 6-inch PVC waterline, and also replace 610 existing service meters with automated meter-reading (AMR) technology.	Iredell	\$812,000.00			3	22	0	18	3	1

North Carolina Drinking Water State Revolving Fund (DWSRF) - September 2013 Applications and Recommendations for Loans **NOT READY TO PROCEED**

AGENDA ITEM P

Project No.	Applicant Name	Engineering Firm	Description	County	DENR Funding Request	Principal Forgiveness \$	Base SRF	Category	Points Verified (Total All Categories)	Points Criteria			
										Reliability	Affordability	Source Protection & Management	Planning
46	Fayetteville Public Works Commission	Hazen and Sawyer	Phase II - PWC WTP expansion from total capacity of 50 MGD to 66 MGD (16 MGD) 25% increase in capacity. Peak Day Demand has reached 79% of capacity. The Defense Base Closure and Realignment Commission (BRAC) is causing an influx of military and civilian personnel to work at the Fort Bragg Military Base (FBMB). According to recent Local Water Supply Plan updates, the PWC service population increased by over 19,000 during the year between 2010 through 2012.	Cumberland	\$29,763,780.00			3	20	0	8	9	3
47	Fayetteville Public Works Commission	Hazen and Sawyer	Phase III - Residual Handling Improvements to meet PWC system expansion from total capacity of 50 MGD to 66 MGD (16 MGD) 25% increase in capacity. Peak Day Demand has reached 79% of capacity. The Defense Base Closure and Realignment Commission (BRAC) is causing an influx of military and civilian personnel to work at the Fort Bragg Military Base (FBMB). According to recent Local Water Supply Plan updates, the PWC service population increased by over 19,000 during the year between 2010 through 2012.	Cumberland	\$10,200,000.00			3	20	0	8	9	3
48	Johnston County, of	Johnston County Public Utilities	WTP filter additions and chemical feed improvement. This includes addition of a new 4MGD filter group to provide redundancy, repair to filter towers 1 & 2, and improvements to the polymer blending and feeding equipment - Construction Project.	Johnston	\$3,381,700.00			3	18	3	12	0	3
49	Apex, Town of	HDR Engineering, Inc. of the Carolinas	Cary/Apex Water Treatment Plant expansion (WTP) from 40 MGD to 56 MGD (29% increase in capacity). Peak Day Demand has exceeded 80% of the WTP capacity and is approaching 90% of the WTP capacity despite implementation of a proactive water conservation effort and continued expansion of the reclaimed water system. WTP expansion is to meet current demand in the existing service area and accommodate reasonable expected near-term growth.	Wake	\$15,295,000.00			3	17	5	6	3	3

North Carolina Drinking Water State Revolving Fund (DWSRF) - September 2013 Applications and Recommendations for Loans NOT READY TO PROCEED									Points Verified (Total All Categories)	Points Criteria			
Project No.	Applicant Name	Engineering Firm	Description	County	DENR Funding Request	Principal Forgiveness \$	Base SRF	Category		Reliability	Affordability	Source Protection & Management	Planning
50	White Lake, Town of	Engineering Services, PA	Replace all (approximately 1,176) meters systemwide with fixed-base Automated Meter Reading (AMR) technology.	Bladen	\$621,682.00			3	14	0	8	5	1
51	Albemarle, City of	LKC Engineering, PLLC	"US Hwy 52" WTP Rehab: Bulk chem-feed containment system; new flash mixer and paddles; replace all chem-feed pumps; replace filter controls etc.; evaluate and possibly replace filter media and bottoms; remove and/or replace numerous pumps sets.	Stanly	\$6,388,300.00			3	14	3	8	0	3
52	Morganton, City of	McGill Associates, P.A.	Replace two failing clearwells (1-MG combined capacity) with a single, 1.5-MG clearwell. No increase in plant capacity proposed.	Burke	\$1,248,580.00			3	9	0	8	0	1
53	Duplin County Water District E	McDavid Associates, Inc.	Install 14,800 feet of 4, 6 and 8-inch mains to 49 rural homes with private wells in areas of generally poor groundwater quality.	Duplin	\$1,631,000.00			4	35	0	18	14	3
54	Duplin County Water District D	McDavid Associates, Inc.	Install 11,200 feet of 6-inch mains to 16 rural homes with private wells in areas of generally poor groundwater quality.	Duplin	\$420,000.00			4	35	0	18	14	3
55	Duplin County Water District G	McDavid Associates, Inc.	Install 13,000 feet of 4 and 6-inch mains to 18 rural homes with private wells in areas of generally poor groundwater quality.	Duplin	\$440,000.00			4	35	0	18	14	3
56	Hillsborough, Town of	Davis-Martin-Powell & Associates, Inc.	Construct a new 0.5 MG Elevated Storage Tank to alleviate pressure problems and maintain adequate system pressure.	Orange	\$1,960,127.00			4	34	3	24	6	1
57	Moore County, of	McGill Associates, P.A.	Install a new booster pump station, new 0.5 MG EST, 20,400 LF of 16" water main and 290 LF of 14" water main to provide adequate and reliable source of water to the Seven Lakes area of Moore County.	Moore	\$13,076,400.00			4	27	5	10	9	3
58	Alexander County	McGill Associates, P.A.	Replace 2,500 meters and install 45,500 feet of new 8-inch and 2-inch waterlines to add a hydraulic loop.	Alexander	\$2,962,000.00			4	27	0	18	6	3
59	Jones, County of	McDavid Associates, Inc.	Construct approximately 18.5k LF 8" & 33.1k LF 6" waterlines along Weyerhaeuser & Pleasant Hill Roads to serve sixteen existing rural residences with contaminated private wells.	Jones	\$1,081,000.00			4	26	0	14	11	1
60	Columbus County Water and Sewer District II	Green Engineering, PLLC	Install approximately 43,000 LF of 2-inch and six-inch waterlines to serve 105 existing lots currently served by private wells.	Columbus	\$1,043,764.00			4	23	0	22	0	1
61	Henderson, City of	McGill Associates, P.A.	Install 14,300 LF of new water mains for system loop for reliability and improved water quality.	Vance	\$966,680.00			4	19	0	12	6	1

North Carolina Drinking Water State Revolving Fund (DWSRF) - September 2013 Applications and Recommendations for Loans NOT READY TO PROCEED
AGENDA ITEM P

Project No.	Applicant Name	Engineering Firm	Description	County	DENR Funding Request	Principal Forgiveness \$	Base SRF	Category	Points Verified (Total All Categories)	Points Criteria			
										Reliability	Affordability	Source Protection & Management	Planning
62	Harnett, County of	Marziano & McGougan, PA	Install 62,600 LF 16" redundant water main (have an existing 8" water main), rehabilitate an existing booster pump station; add new booster pump station to eliminate existing pressure problem & strengthen hydraulic link between Harnett County Metropolitan District (WTP) and West Central Water & Sewer District.	Harnett	\$4,737,090.00			4	18	3	14	0	1
63	Wingate, Town of	The Wooten Company	Replace 19,900 LF of deteriorated lines w/ 4,800 LF of 2", 13,900 LF of 6", and 1,200 LF of 12" lines.	Union	\$1,821,840.00			4	11	0	10	0	1
64	Buncombe, County of	McGill Associates, P.A.	Install 16,750 LF of 8" & 6" mains to serve ~ 115 homes with private wells contaminated with trichloroethylene (TCE). All homes are located within a one-mile radius of an EPA National Priority List site, the source of contamination. Includes 2 booster pump stations and meters.	Buncombe	\$3,576,424.00			4	1	0	0	0	1
65	Piedmont Water Company, Inc.	Fleming Engineering, Inc.	**INELIGIBLE** Application incomplete; cannot determine if project is most cost-effective alternative; 2 options presented: Replace existing water system or Recondition 2 wells & keep 2 separate systems.	Alamance	\$220,932.00			9	0	0	0	0	0
66	Bessemer City, City of	McGill Associates, P.A.	**INELIGIBLE** Project to replace 16,000 LF of aged and undersized distribution lines with new 6" and 8" lines and related appurtenances. Project is ineligible because contracts for portions of the waterlines were awarded prior to the application. [T15A NCAC 01N .0301(c)].	Gaston	\$1,840,000.00			9	0	0	0	0	0

Totals	\$213,248,343.00	\$0.00	\$33,707,715.00
---------------	-------------------------	---------------	------------------------

Recommended Loan Amounts for Sept. 2013 Applications Not Ready to Proceed	\$33,707,715
--	---------------------

Grand Total - All Recommended Loan Amounts for Sept. 2013 Applications	\$101,941,792
---	----------------------