

North Carolina Clean Water State Revolving Fund (CWSRF) - September 2013 Applications and Recommendations for Loans AGENDA ITEM O						DENR Funding Request	Green Project Reserve \$	Principal Forgiveness \$	Base SRF	Points Submitted	Points Verified (Total All Categories)	Integrated Priority Rating System Points - By Category			
Project No.	Applicant Name	Engineering Firm	Project Name	Description	County							Cat. I	Cat. II	Cat. III	Cat. IV
												Project Type	Environmental	System Mgmt.	Financial Situation
1	Fremont, Town of	Municipal Engineering	WW System Improvements/Lagoon	Repair of leaks in the existing facultative lagoon to stop the resulting un-permitted discharge to nearby surface waters	Wayne	\$1,023,378.00		\$511,689.00	\$511,689.00	72	70.42	20	25	7	18.42
2	Fremont, Town of	Municipal Engineering	WW System Improvements/Sewer Rehab	Sewer rehabilitation to reduce I/I and the amount of sewage sent to the City of Goldsboro for treatment consisting of the replacement of 3,000 l.f. of 8-inch VCP with new 8-inch PVC or rehabilitation with CIPP and manhole lining or replacement	Wayne	\$415,200.00		\$207,600.00	\$207,600.00	53	48.42	25	0	5	18.42
3	Lake Waccamaw, Town of	Engineering Services	Phase 5 Sewer Improvements	Pipe bursting approx 945 lf of 8-inch sewer and 1,765 lf of 10-inch sewer, slip lining 3,185 lf of 8-inch and 10-inch sewer, rehabilitation of manholes, and replacement of Lift Station No. 12	Columbus	\$1,037,350.00		Not eligible	\$1,037,350.00	50.91	47.91	25	5	10	7.91
4	Spindale, Town of	Kurt Wright and Associates	Spindale WWTP Rehabilitation	Rehabilitation of: existing 8 MGD aeration basin with concrete liner and dividing wall; aeration system; disinfection chemical feed systems	Rutherford	\$5,000,000.00		\$1,000,000.00	\$4,000,000.00	51.98	47.82	20	10	5	12.82
5	Yanceyville, Town of	Alley, Williams, Carman and King	Wastewater Treatment Plant Improvements	Installation of a new aerobic digester storage tank, post SBR flow equalization improvements, and decommissioning of existing sludge lagoon	Caswell	\$1,196,000.00			@	55	45.00	20	0	5	20.00
6	Taylorsville, Town of	West Consultants	2014 Collection System Rehabilitation Proj.	Rehabilitation of approx 16,800 ft of gravity main, replacement of 1330 ft of 6" VCP, spot repairs, 22,000 lf of CCTV and cleaning, smoke testing of 68,000 lf of gravity main	Alexander	\$792,476.00			@	47.54	44.04	25	0	5	14.04
7	Greenville, City of	WK Dickson	Town Creek Culvert & BMP Retrofit Project	Replacement of 2,977 l.f. of RCP culvert installed in the 1930's with 350 l.f. of daylighting and stream restoration. The project also includes 2 bioretention cells, a sand filter, and a level spreader BMP	Pitt	\$7,307,000.00	\$7,307,000.00			43.91	43.91	33	0	5	8.91
8	Greenville Utilities Commission	HDR Engineering	Southside Pumpstation Repair & Improvements	Rehabilitation or replacement of a junction box, new screenings facility, associated piping to construct facilities, odor control and protective coatings for new infrastructure, as well as electrical/controls work and site work	Pitt	\$3,450,000.00			\$3,450,000.00	52.56	43.24	20	0	10	13.24
9	Winston-Salem, City of	Black & Veatch	Ongoing SSES and Rehabilitation	Rehabilitation of areas identified through ongoing SSES including: (1) Janita Lake Outfall rehabilitation, (2) 21st, 22nd, and 23rd Street Rehabilitation, (3) Muddy Creek Sub-Basins L3B6 & LSC Rehabilitation, and (4) Peters Creek Outfall rehabilitation and replacement	Forsyth	\$9,399,200.00			\$9,399,200.00	53.5	42.86	25	0	10	7.86
10	Haw River, Town of	Alley, Williams, Carman and King	Sanitary Sewer Rehabilitation	Rehabilitation of approx 7,900 ft of gravity sewer and 39 manholes; replacement of approx 3,000 ft of 6-inch gravity sewer with 8-inch	Alamance	\$655,500.00			@	79.57	41.57	25	0	5	11.57

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11	Kinston, City of	N/A	Briery Run Phase IV Sewer Rehabilitation	Rehabilitation of approx 8,500 ft of 30-inch gravity sewer	Lenoir	\$2,100,000.00			@	46.97	40.49	20	0	5	15.49
12	Onslow Water & Sewer Authority	WK Dickson	Wstrn Ons.Trunk Swr Ph 2-Elim Kenwood WWTP	Construction of a new 200 gpm pump station and 12,500 lf of force main to transfer flows and decommission the Kenwood WWTP	Onslow	\$2,063,600.00			\$2,063,600.00	84.42	39.42	10	10	10	9.42
13	Taylorsville, Town of	West Consultants	2014 WWTP Rehabilitation Project	Improvements to two existing clarifiers and two aeration basins, RAS pumping improvements, a new generator, and lab/office building improvements	Alexander	\$726,400.00			@	42.54	39.04	20	0	5	14.04
14	Anson County	McGill Associates	Sludge Lagoon & Dam Repair Project	Repair of the existing sludge lagoon at the Anson County WTP	Anson	\$4,928,344.00			\$4,928,344.00	75.26	34.39	20	0	5	9.39
15	Valdese, Town of	Cavanaugh & Associates	Town of Valdese I & I Improvements	Replacement of approximately 2,000 l.f. of 8-inch sewer and 10 manholes	Burke	\$285,917.00			\$285,917.00	87.03	34.03	25	0	5	4.03
16	Brevard, City of	Brown Consultants	Kings Creek Phase II	Replacement of 8,500 ft of 40+ year old VCP	Transylvania	\$1,435,784.00			\$1,435,784.00	31.53	33.27	25	0	0	8.27
17	Englehard Sanitary District	Rivers and Associates	WWTP Rehabilitation	Rehabilitation or replacement of the existing lagoon treatment system that has experienced liner failure	Hyde	\$2,438,500.00			\$2,438,500.00	74.96	32.28	15	0	5	12.28
18	Laurinburg, City of	WK Dickson	Leith Creek Outfall Rehabilitation	Rehabilitation of approx 1,900 ft of sewer outfall and 22 manholes	Scotland	\$338,640.00			@	45.6	31.02	20	0	0	11.02
19	Elizabethtown, Town of	WK Dickson	Lower Street Pump Station & Force Main Rehab	Upgrade of the existing Lower Street Pump Station to increase capacity in order to prevent future SSOs	Bladen	\$872,100.00			@	50	27.05	10	0	5	12.05
20	Stanley, Town of	HDR Engineering	Stanley Sewer Interconnect, Phase II	Installation of two new pump stations, one upgraded pump station, approx 6,000 lf of gravity sewer, and 1,000 lf of force main to interconnect with High Shoals	Gaston	\$2,754,220.00			\$2,754,220.00	55.18	27.02	10	0	5	12.02
21	Raleigh Public Utilities, City of	McKim and Creed	Crabtree Basin WW Sys. Conveyance Imp. Phase II	Installation of approx 20,000 lf of new 54-inch gravity sewer interceptor	Wake	\$8,451,405.80				36.85	26.85	5	0	15	6.85
22	Raleigh Public Utilities, City of	WK Dickson	Richland Creek San. Swr. Sys. Conveyance Imp.	Upsizing of approx 27,500 lf of existing sewer line with 12-inch to 36-inch sewer	Wake	\$8,783,054.74				26.85	26.85	5	0	15	6.85
23	Raleigh Public Utilities, City of	The Wooten Company	Smith Creek San. Swr. Sys. Conveyance Imp.	Upsizing of approx 43,300 lf of existing sewer line with 16-inch to 42-inch sewer	Wake	\$9,468,652.16				26.85	26.85	5	0	15	6.85
24	Hoffman, Town of	McGill Associates	WW Collection System Project-Phase 1	Installation of approximately 72,000 l.f. of 8-inch gravity sewer, four lift stations, 32,000 l.f. of 8-inch force main, and 9,700 l.f. of 3-inch force main	Richmond	\$7,722,665.00				50	25.85	20	0	0	5.85
25	Duplin County	McDavid Associates	B.F. Grady Elementary School Sanitary Sewer	Installation of a new pump station and force main (approx 6 miles) to serve BF Grady Elementary School which has an onsite system that is over capacity	Duplin	\$1,725,000.00				77.29	25.68	20	0	0	5.68
26	Ayden, Town of	McDavid Associates	Ayden 2013 Stormwater BMP Improvements	Installation of dry detention BMP and wetland BMP to treat existing downtown Ayden stormwater flows	Pitt	\$361,000.00				83.8	25.10	20	0	0	5.10

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27	Winston-Salem, City of	Black & Veatch	Kerners Mill Lift Station Upgrade	Expansion of the existing Kerner's Mill pump station convey peak flows	Forsyth	\$5,600,000.00				30.5	22.86	5	0	10	7.86
28	Winston-Salem, City of	Black & Veatch	Reedy Fork Pumping Station	Replacement/relocation of the Reedy Fork Pump Station with a new PS located outside of the floodplain. The project will also include a small Triad Park Pump Station to convey wastewater from existing sewer pipes serving the park to the newly located Reedy Fork Pump Station	Forsyth	\$3,590,956.00				43.5	22.86	5	0	10	7.86
29	Winston-Salem, City of	Black & Veatch	South Fork Interceptor Upgrades	Installation of parallel interceptors where existing interceptors are serviceable and replacement of existing interceptors that are no longer serviceable with larger mains	Forsyth	\$34,068,800.00				30.5	22.86	5	0	10	7.86
30	Clay, County of	McGill Associates	Highway 69 Sewer Extension	Installation of approximately 15,800 l.f. of 8-inch gravity sewer line, 5,000 l.f. of 4-inch force main, and two sewer pump stations	Clay	\$1,000,000.00				63.43	13.43	0	0	0	13.43
31	Bay River Metropolitan Sewer District	Stroud Engineering	Oriental Sewer Collection Sys Rehab. Phase 2	Rehabilitation of: 5 existing pump stations, manholes, 460 ft of gravity sewer, and service connections to reduce I/I	Pamlico	\$756,408.50			@	60.89	*	*	*	*	*
32	Grover, Town of	WK Dickson	Town of Grover Fall 2013 WW Project	Construction of a new pump station to send wastewater to the Town of Kings Mountain, abandonment of the existing Grover WWTP and rehabilitation of two (2) existing pump stations	Cleveland	\$1,309,022.00				45.3	*	*	*	*	*
33	Lake Lure, Town of	Brown Consultants	Wastewater Treatment Plant Upgrade	Installation of geo-tubes, new aeration, chemical feed lines, and sludge wasting lines	Rutherford	\$225,050.00				27.93	*	*	*	*	*
34	Charlotte, City of	CDM Smith	McAlpine Creek WWTP Combined Heat/Power	Installation of a combined heat and power system to use anaerobic gas as fuel to produce electricity and heat for in-plant use	Mecklenburg	\$3,266,736.00				35	*	*	*	*	*
35	Lake Lure, Town of	Brown Consultants	Buffalo Shoals Rd Sewer Line Ext.	Installation of approx 1,100 ft of force main to eliminate existing septic systems	Rutherford	\$236,390.00				12.9	*	*	*	*	*
					Totals	\$134,784,749.20	\$7,307,000	\$1,719,289	\$32,512,204						
Notes:					Recommended Loan Amounts for Sept. 2013 Applications		\$41,538,493								
@ = Declined CWSRF loan without Principal Forgiveness included															
* = Incomplete application															