

**North Carolina Drinking Water State Revolving Fund (DWSRF)
September 2013 Applications Summary
Agenda Item P**

Old Business

Project 1

Applicant	Kings Mountain, Town of	Category	Points Verified
Project	Water System Rehabilitation and Expansion	3	23
Project Description	<ul style="list-style-type: none"> Rehabilitate and expand the water treatment plant (WTP) from 8 MGD to 12 MGD including back-up power 		

Project 2

Applicant	Kings Mountain, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	20
Project Description	<ul style="list-style-type: none"> Replace existing 24-inch transmission main and pump station 		

Project 3

Applicant	Buncombe, County of	Category	Points Verified
Project	Water System Expansion - Planning	4	1
Project Description	<ul style="list-style-type: none"> Planning for installation of 6-inch and 8-inch waterlines to serve residents with private wells contaminated with TCE; install 2 pump stations and meters 		

Project 4

Applicant	Greater Badin Water & Sewer District	Category	Points Verified
Project	Water System Rehabilitation	3	27/31
Project Description	<ul style="list-style-type: none"> Replace entire existing Greater Badin Water and Sewer District water distribution system and connect to Stanly County without increasing capacity Install Automated Meter Reading (AMR) type meters Project addresses known water quality and quantity issues 		

New Business

Project 5

Applicant	Tuckaseegee Water & Sewer Authority	Category	Points Verified
Project	Water System Rehabilitation	1	19
Project Description	<ul style="list-style-type: none">• Consolidate failing water systems to the Tuckaseegee Water & Sewer Authority water system• Provide backup power		

End of Old and New Business

Projects Ready to Proceed

Project 6

Applicant	Sims, Town of	Category	Points Verified
Project	New Water Filtration System	2	16
Project Description	<ul style="list-style-type: none"> Install new water filtration system to eliminate continuing Combined Radium MCL violations 		

Project 7

Applicant	Fontana Dam, Town of	Category	Points Verified
Project	New Water Treatment Plant	2	1
Project Description	<ul style="list-style-type: none"> Construct a 0.5 MGD WTP to replace the existing aging WTP with known, documented compliance issues 		

Project 8

Applicant	Landis, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	32
Project Description	<ul style="list-style-type: none"> Replace all water meters with fixed-base AMR system 		

Project 9

Applicant	Raleigh, City of	Category	Points Verified
Project	Water Treatment Plant Improvements	3	29
Project Description	<ul style="list-style-type: none"> Improvements to permanganate storage and feed facility at EM Johnston WTP 		

Project 10

Applicant	Ahoskie, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	28
Project Description	<ul style="list-style-type: none"> Replace all water meters with fixed-base AMR system 		

Project 11

Applicant	Highlands, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	28
Project Description	<ul style="list-style-type: none"> Construct a new 2 MGD water intake and pump station to replace existing intake; existing intake will remain online as emergency back-up Install new water line from intake to the existing water main 		

Project 12

Applicant	Brevard, City of	Category	Points Verified
Project	Water System Rehabilitation	3	28
Project Description	<ul style="list-style-type: none">• Replace manual-read meters with radio-read meters		

Project 13

Applicant	Goldston Gulf Sanitary District	Category	Points Verified
Project	Water System Rehabilitation	3	27
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system		

Project 14

Applicant	North Wilkesboro, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	27
Project Description	<ul style="list-style-type: none">• Install 20-inch and 36-inch water mains to convey water to Towns of Wilkesboro and North Wilkesboro• No increase in WTP capacity for either town• Linked to Project 14 below		

Project 15

Applicant	Wilkes, County of	Category	Points Verified
Project	New Water Source	3	26
Project Description	<ul style="list-style-type: none">• Linked to Project 13 above• Construct 24 MGD intake structure, 24 MGD pump station; 36-inch main• Project will provide additional water source for Towns of Wilkesboro and North Wilkesboro; no increase in capacity for either town		

Project 16

Applicant	Burgaw, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	24
Project Description	<ul style="list-style-type: none">• Rehabilitate 6-inch and 2-inch deteriorated water lines• Replace all water meters with fixed-base AMR system• Install emergency generator		

Project 17

Applicant	Aqua North Carolina, Inc.	Category	Points Verified
Project	Water System Rehabilitation	3	23
Project Description	<ul style="list-style-type: none">• Replace all water meters in Kernersville/Surry systems with fixed-base AMR system		

Project 18

Applicant	Johnston, County of	Category	Points Verified
Project	Water System Rehabilitation	3	16
Project Description	<ul style="list-style-type: none">• Planning for installation of new 4 MGD filter group to provide redundancy and improve polymer blending and feeding equipment		

Project 19

Applicant	Dublin, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	13
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system		

Project 20

Applicant	Aqua of North Carolina, Inc.	Category	Points Verified
Project	Water System Rehabilitation	3	13
Project Description	<ul style="list-style-type: none">• Replace water meters with fixed-base AMR system		

Project 21

Applicant	Robbins, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	1
Project Description	<ul style="list-style-type: none">• Planning and design for a new redundant source project• Whether the new source will be surface water or well is not established		

Project 22

Applicant	Clinton, City of	Category	Points Verified
Project	Water System Expansion	4	19
Project Description	<ul style="list-style-type: none">• Install a new 0.5 million gallon elevated storage tank		

Project 23

Applicant	Two Rivers Utilities	Category	Points Verified
Project	Water System Rehabilitation	4	15
Project Description	<ul style="list-style-type: none">• Pilot study for possible replacement of treatment process train		

End of Projects Ready to Proceed

Projects Not Ready to Proceed

Project 24

Applicant	Eastern Wayne Sanitary District	Category	Points Verified
Project	New Well Installation	2	30
Project Description	<ul style="list-style-type: none"> Construct 6 new surficial-aquifer wells to offset loss of capacity due to Central Coastal Plain Capacity Use Area (CCPCUA) withdrawal reductions Install 8-inch water mains connecting new wells to the District's WTP 		

Project 25

Applicant	Southeastern Wayne Sanitary District	Category	Points Verified
Project	New Well Installation	2	30
Project Description	<ul style="list-style-type: none"> Construct 1 new well to offset loss of capacity due to CCPCUA withdrawal reductions Install 8-inch and 12-inch water mains to connect to the District's WTP 		

Project 26

Applicant	Northwestern Wayne Sanitary District	Category	Points Verified
Project	New Well Installation	2	30
Project Description	<ul style="list-style-type: none"> Construct 5 new bedrock-aquifer wells to offset loss of capacity due to CCPCUA withdrawal reductions Install 8-inch and 12-inch water mains to connect to the District's WTP 		

Project 27

Applicant	Belfast-Patetown Sanitary District	Category	Points Verified
Project	New Well Installation	2	30
Project Description	<ul style="list-style-type: none"> Construct 2 new bedrock- aquifer wells to offset loss of capacity due to CCPCUA withdrawal reductions Install 6-inch and 12-inch water lines, new pump station, new storage tank and new ammonia feed system 		

Project 28

Applicant	Craven, County of	Category	Points Verified
Project	New Water Treatment Facility	2	20
Project Description	<ul style="list-style-type: none"> Construct 5 new wells and 2 MGD nanofiltration water treatment facility to offset loss of capacity due to CCPCUA withdrawal reductions Construct new 1 million gallon storage tank, pump station and mains 		

Project 29

Applicant	Ossipee, Town of	Category	Points Verified
Project	Water Line Extension	3	36
Project Description	<ul style="list-style-type: none">• Install 21-inch water line to connect with the City of Burlington		

Project 30

Applicant	Beaufort County Water District VII – Richland Township	Category	Points Verified
Project	Water System Rehabilitation	3	34
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system		

Project 31

Applicant	Beaufort County Water District VI – Chocowinity/Richland Township	Category	Points Verified
Project	Water System Rehabilitation	3	32
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system• Install portable emergency backup generator and manual backup transfer switches at booster pump stations		

Project 32

Applicant	Beaufort County Water District V – Pantego Township	Category	Points Verified
Project	Water System Rehabilitation	3	31
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system• Install portable emergency backup generator and manual backup transfer switches at booster pump stations		

Project 33

Applicant	Beaufort County Water District IV – Bath Township	Category	Points Verified
Project	Water System Rehabilitation	3	31
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system• Install portable emergency backup generator and manual backup transfer switches at booster pump stations		

Project 34

Applicant	Enfield, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	29
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system		

Project 35

Applicant	Beaufort County Water District I – Washington Township	Category	Points Verified
Project	Water System Rehabilitation	3	29
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system• Install emergency generator		

Project 36

Applicant	Beaufort County Water District II – Long Acre West	Category	Points Verified
Project	Water System Rehabilitation	3	27
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system• Install emergency generator		

Project 37

Applicant	Beaufort County Water District III	Category	Points Verified
Project	Water System Rehabilitation	3	27
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system• Install emergency generator		

Project 38

Applicant	Cary, Town of	Category	Points Verified
Project	Water System Expansion	3	27
Project Description	<ul style="list-style-type: none">• Expand WTP from 40 MGD to 56 MGD due to the peak day demand exceeding 80% of the WTP capacity• WTP expansion will meet current demand in the existing service area and accommodate future growth		

Project 39

Applicant	Magnolia, Town of	Category	Points Verified
Project	Water System Expansion	3	26
Project Description	<ul style="list-style-type: none">• Replace 8,000 feet of 1.25-inch galvanized waterline with 6-inch PVC		

Project 40

Applicant	Elm City, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	26
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system		

Project 41

Applicant	Wilson, City of	Category	Points Verified
Project	Water Treatment Plant Rehabilitation	3	25
Project Description	<ul style="list-style-type: none">• Improvements to the UV disinfection system to comply with the long term 2E surface water treatment rule		

Project 42

Applicant	Wilson, City of	Category	Points Verified
Project	Water System Rehabilitation	3	25
Project Description	<ul style="list-style-type: none">• Replace deteriorated 30-inch water main without increasing capacity		

Project 43

Applicant	Faison, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	24
Project Description	<ul style="list-style-type: none">• Replace all water meters with fixed-base AMR system		

Project 44

Applicant	Marshville, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	23
Project Description	<ul style="list-style-type: none">• Replace deteriorated water mains; improve booster pump station• Install generator		

Project 45

Applicant	Troutman, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	22
Project Description	<ul style="list-style-type: none">• Replace 4-inch and 6-inch cast-iron pipe with 6-inch PVC water line• Replace existing water meters with fixed-base AMR system		

Project 46

Applicant	Fayetteville Public Works Commission	Category	Points Verified
Project	Water Treatment Plant Expansion	3	20
Project Description	<ul style="list-style-type: none"> Expand WTP from a total capacity of 50 MGD to 66 MGD Expansion due to peak day demand reaching 79% capacity BRAC has increased military and civilian workforce at Ft. Bragg by over 19,000 between 2010 and 2012 Linked to Project 47 below 		

Project 47

Applicant	Fayetteville Public Works Commission	Category	Points Verified
Project	Water Treatment Plant Improvements	3	20
Project Description	<ul style="list-style-type: none"> Complete residual handling improvements for WTP expansion from 50 to 66 MGD BRAC has increased military and civilian workforce at Ft. Bragg by over 19,000 between 2010 and 2012 Linked to Project 46 above 		

Project 48

Applicant	Johnston, County of	Category	Points Verified
Project	Water System Rehabilitation	3	18
Project Description	<ul style="list-style-type: none"> Construction of Planning Project (Project 17 in Ready to Proceed above) Install 4 MGD filter group to provide redundancy and improve polymer blending and feeding equipment 		

Project 49

Applicant	Apex, Town of	Category	Points Verified
Project	Water Treatment Plant Expansion	3	17
Project Description	<ul style="list-style-type: none"> Expand WTP from 40 MGD to 56 MGD due to the peak day demand exceeding 80% of the WTP capacity WTP expansion will meet current demand in the existing service area and accommodate future growth 		

Project 50

Applicant	White Lake, Town of	Category	Points Verified
Project	Water System Rehabilitation	3	14
Project Description	<ul style="list-style-type: none"> Replace all existing water meters with fixed-base AMR system 		

Project 51

Applicant	Albemarle, City of	Category	Points Verified
Project	Water System Rehabilitation	3	14
Project Description	<ul style="list-style-type: none">• Replace chemical feed pumps, filter controls• Evaluate and possibly replace filter media and bottoms• Install new flash mixer		

Project 52

Applicant	Morganton, City of	Category	Points Verified
Project	Water Treatment Plant Rehabilitation	3	9
Project Description	<ul style="list-style-type: none">• Replace two failing clear wells with a single, 1.5 million gallon clear well• No increase in plant capacity proposed		

Project 53

Applicant	Duplin County Water District E	Category	Points Verified
Project	Water System Expansion	4	35
Project Description	<ul style="list-style-type: none">• Install 4-inch, 6-inch and 8-inch water lines to homes with private wells in areas of poor groundwater quality		

Project 54

Applicant	Duplin County Water District D	Category	Points Verified
Project	Water System Expansion	4	35
Project Description	<ul style="list-style-type: none">• Install 6-inch water lines to homes with private wells in areas of poor groundwater quality		

Project 55

Applicant	Duplin County Water District G	Category	Points Verified
Project	Water System Expansion	4	35
Project Description	<ul style="list-style-type: none">• Install 4-inch and 6-inch water lines to homes with private wells in areas of poor groundwater quality		

Project 56

Applicant	Hillsborough, Town of	Category	Points Verified
Project	Water System Expansion	4	34
Project Description	<ul style="list-style-type: none">• Install a new 0.5 million gallon elevated storage tank to alleviate pressure problems		

Project 57

Applicant	Moore, County of	Category	Points Verified
Project	Water System Expansion	4	27
Project Description	<ul style="list-style-type: none">• Install a new pump station, 14-inch and 16-inch water main and a new 0.5 MG elevated storage tank• To provide service to Seven Lakes area		

Project 58

Applicant	Alexander, County of	Category	Points Verified
Project	Water System Rehabilitation	4	27
Project Description	<ul style="list-style-type: none">• Replace water meters• Install new 8-inch and 2-inch water lines to add a hydraulic loop		

Project 59

Applicant	Jones, County of	Category	Points Verified
Project	Water System Expansion	4	26
Project Description	<ul style="list-style-type: none">• Install 6-inch and 8-inch water lines to serve residents with contaminated private wells		

Project 60

Applicant	Columbus County Water and Sewer District II	Category	Points Verified
Project	Water System Expansion	4	23
Project Description	<ul style="list-style-type: none">• Install 2-inch and 6-inch water lines to serve residents currently served by private wells		

Project 61

Applicant	Henderson, City of	Category	Points Verified
Project	Water System Expansion	4	19
Project Description	<ul style="list-style-type: none">• Install new water mains to create a water system loop to provide reliability and to improve water quality		

Project 62

Applicant	Harnett, County of	Category	Points Verified
Project	Water System Expansion	4	18
Project Description	<ul style="list-style-type: none">• Install 16-inch redundant water main and new booster pump station to alleviate pressure problems and strengthen system hydraulics		

Project 63

Applicant	Wingate, Town of	Category	Points Verified
Project	Water System Rehabilitation	4	11
Project Description	<ul style="list-style-type: none">• Replace 2-inch, 6-inch and 12-inch deteriorated water mains		

Project 64

Applicant	Buncombe, County of	Category	Points Verified
Project	Water System Expansion	4	1
Project Description	<ul style="list-style-type: none">• Construction of Planning Project (Project 3 in Old Business above)• Install 6-inch and 8-inch waterlines to serve residents with private wells contaminated with TCE; install 2 pump stations and meters		

End of Projects Not Ready to Proceed

Ineligible Projects (Not Prioritized)

Project 65

Applicant	Piedmont Water Company, Inc.	Category	Points Verified
Project	Water System Rehabilitation	9	Not Prioritized
Project Description	<ul style="list-style-type: none"> • Application is incomplete • Cannot determine if the proposed project is the most cost-effective alternative to assist a troubled system (either replace existing water system or recondition two wells and maintain 2 separate systems) 		

Project 66

Applicant	Bessemer City, City of	Category	Points Verified
Project	Water System Rehabilitation	9	Not Prioritized
Project Description	<ul style="list-style-type: none"> • Project is ineligible because contracts for portions of the water lines were awarded prior to the application • Replace undersized lines with 6-inch and 8-inch water lines 		

End of Ineligible Projects (Not Prioritized)