State Water Infrastructure Authority

Meeting Date: January 18, 2017

Agenda Item I

Introduction to Funding Decisions for September 30, 2016 Application Round

(Revised: January 13, 2017)

Division of Water Infrastructure Staff Report

The September 2016 application round was the first to use the streamlined application process in which an applicant indicated a project type (listed below) instead of the specific program from which funding was sought. This is also the first application round in which there are substantial funding levels available in all programs administered by the Division. The result is that a project may be eligible for funding from multiple programs. It is the Authority's responsibility to determine the eligibility of the applications selected to receive funding from the available resources.

Approximately 350 applications were received. The project types are:

1. Construction projects (wastewater, drinking water or stormwater/ stream restoration) which can be funded through the following programs:
    - Community Development Block Grant-Infrastructure (CDBG-I)
    - Clean Water State Revolving Fund (CWSRF)
    - Drinking Water State Revolving Fund (DWSRF)
    - State Reserves including Connect NC bond funding
2. Asset Inventory and Assessment (AIA) projects
3. Merger/ Regionalization Feasibility (MRF) projects

Division staff reviewed applications for completeness and to determine whether it met the requirements for the individual funding programs. The table below lists the amount of funding available by source and the amount requested in applications that are complete, eligible, and for which an applicant will accept funding.

Program	Funding Available	Project Type	Amount Considered in Applications that are Complete, Eligible and for which Applicant will Accept Funding (*)
CDBG-I	$27.0 million grants	DW Projects WW Projects	$12.3 million $45.6 million
DWSRF	$55 million loans	DW Projects	$92.6 million
State Reserve – Bonds – DW	$16.7 million grants $35 million loans	DW Projects	$89.4 million
CWSRF	$75 million loans	WW Projects	$112.9 million
State Reserve – Bonds – WW	$36.7 million grants $45 million loans	WW Projects	$111.3 million
State Reserve – Appropriations	$18.2 million grants	DW and WW Projects – included in Reserves above	
		MRF	$0.15 million
		AIA	$22.8 million
Total Funding Available	**$308.6 million**		

(*) Note that any given project may be eligible for funding from several programs and may therefore be included multiple times in the "Amount Considered" column

Maximum Amount of Funding Available per Project and/or per Applicant

Each funding program has a specified maximum amount that can be awarded for a single application and/or to a single applicant. These funding caps differ by program and are summarized below:

- The CDBG-I program has a $2 million grant limit over 3 years
- The DWSRF program has a $20 million loan limit that can be exceeded if there is an excess of funds
- The CWSRF program has a $30 million loan limit that can be exceeded if there is an excess of funds
- State Reserves have the following limits:
    - Project Grants – $3 million over 3 years
    - Project Loans, targeted interest rate – $3 million over 3 years
    - Project Loans, ½ market rate – $3 million per year
- Connect NC Bonds provides additional criteria for these funds in addition to the State Reserves criteria
    - Loans from the bond may exceed state reserve loan limits if there is an excess of funds
    - For EPA Administrative Order (AO) priority projects, an applicant may receive 50% grant; 50% loan. The maximum grant amount is 1/3 of grant available (i.e., $16.7 million) and the maximum loan is up to $15 million. Note that this provision for AO projects is only applicable to wastewater projects.

The funding cap for each program was considered as Division staff reviewed the applications. Based on the amount of funding requested, some applications could only be funded under one program. For example, requests for large amounts of funding can only be considered for funding from the CWSRF or DWSRF programs. In the example funding scenarios presented in Agenda Items K and L, for any application that requested more than $10 million (excluding the AO priority projects) staff only considered the project for funding through the CWSRF or DWSRF programs which have the highest funding cap.

Funding Sources and Best Available Funding

This is the first funding round in which all sources of funds are available at the same time. This is a direct result of the Connect NC bonds. The Connect NC Bond Bill (Session Law 2015-280) was passed by voters in 2016 and includes $209.5 million in state reserve loan funds and $100 million in state reserve grant funds. These funds are to be split evenly between drinking water and wastewater projects and will be distributed over three consecutive funding rounds. Please note the Connect NC bond statutes provide an allowance to exceed loan limitations if there is excess availability as provided by Section 1.(f)(2)d.1:

> "If the availability of loan funds exceeds project demand, the limits contained in G.S. 159G-36 applicable to a loan may be exceeded for the purpose of ensuring that all available loan funds are utilized for projects prioritized pursuant to G.S. 159G-23."

In addition to the Connect NC bond grant funds, there is a total of $18.2 million available in grant funds for state reserve programs. This amount is comprised of: (1) $17.15 million from appropriations for the 2016-2017 fiscal year; (2) additional funds that the General Assembly made available by allowing the Division to move excess matching funds not needed for the CWSRF and DWSRF into the state reserve for grants; and, (3) unused funds from the reconciliation of other grant projects. The additional $18.2 million can be split between drinking water and wastewater projects, AIA grants, and MRF grants as determined by the Authority.

For each program, staff developed a funding example that is based on the best available funding source in priority system order. The Division determined the best available funding according to the following order:

A. Grants and grant-like options
    1. State grants if affordability criteria provide for 100% grant
    2. CDBG-I grants which are 100% grant funds
    3. State grants if affordability criteria provide for 75% or 50% grant
    4. Principal forgiveness in CWSRF and DWSRF programs (50% up to $500,000)
    5. State grants if affordability criteria provide for 25% grant

B. Low-interest loans
    1. State loans
    2. SRF loans

On the application form, each applicant indicated two conditions: (1) whether or not it would accept federal funding conditions and (2) the minimum acceptable grant percentage. Applications were considered only for the type of funding that met the two conditions specified by the applicant.

Thumb Drive Contents

The thumb drive contains several folders and files as follows:

1. CDBG-I Projects (Agenda Item J)
    - Staff Report
    - Project Spreadsheet
    - Folder of Scanned Applications in alphabetical order
2. Drinking Water Projects (Agenda Item K)
    - Staff Report
    - Project Spreadsheets (K-1 and K-2)
    - Folder of Scanned Applications in alphabetical order
3. Wastewater Projects / AIA Grants / MRF Grants (Agenda Item L)
    - Staff Report
    - Project Spreadsheets (L-1 through L-4)
    - Folder of Scanned Applications
        - Wastewater Projects (in alphabetical order)
        - AIA Grants (in alphabetical order)
        - MRF Grants (in alphabetical order)

Project Spreadsheets

The project spreadsheets are presented by funding program and include all projects that are eligible to be funded by that program. Since projects may be eligible for funding under more than one program, projects may appear on more than one spreadsheet. For these "overlapping" projects, the spreadsheets also indicate whether a project is proposed to be funded under another program.

In the individual funding program application spreadsheets, two columns in particular should be reviewed as part of the Authority's task to determine funding eligibility:

- First, the spreadsheets indicate whether the applicant provided additional information. Either a "Yes" or "No" is shown in the column entitled "Provided Additional Information." The additional information provided by an applicant is included in the scanned applications on the thumb drive.
- Second, the column entitled "Staff Notes" contains important aspects related to the Authority's determination of final funding priorities. Should projects not be funded in priority order for any given program, then there may be changes to the priority order for other programs. In other words, a better funding source may become available for a project otherwise funded in another program.

State Water Infrastructure Authority

Meeting Date: January 18, 2017

Agenda Item J

Funding Recommendations for CDBG-I Grants

(Revised: January 13, 2017)

Division of Water Infrastructure Staff Report

Background:

North Carolina General Statute G.S. 159G-71 contains the powers and the duties of the State Water Infrastructure Authority (Authority) which include the following:

- Review recommendations for grants and loans submitted to it by the Division of Water Infrastructure
- Determine the rank of applications
- Select the applications that are eligible to receive grants and loans

On September 30, 2016, the Division received 51 applications for funding for the Community Development Block Grant-Infrastructure (CDBG-I) grant program, requesting a total of $75,141,223. Division staff first determined if each application was complete and was eligible for funding. The sum of funds requested in complete, eligible applications is $57,962,575. Then, using the Priority Rating Systems approved by the Authority at its July 2015 meeting, Division staff reviewed and ranked each complete, eligible application.

There is $26,969,014 available in FY 2016 funds this round.

Staff Recommendation:

Staff recommends the following projects for funding:

Project No.	Applicant Name	Project Name	Engineering Firm	Funding Amount
1	Town of Ayden	2016 Sanitary Sewer Improvements	McDavid Associates, Inc.	$968,000
2	Town of Greenevers	Hargroves Rd Sewer Extension	The Adams Company	$1,638,800
3	Town of Troy	Phase II Water and Sewer Replacement Project	McGill Associates	$695,617
4	Town of Fountain	2016 Sanitary Sewer Improvements	McDavid Associates, Inc.	$1,915,000
5	Town of Brunswick	Bish Ford and Davis Dr Sewer Extension	The Adams Company	$1,276,000
6	Town of Seaboard	2016 CDBG-I Town Wide Sewer	Mack Gay Associates, P.A.	$1,344,152
7	Town of Burnsville	Peterson Trailer Park Sewer Line Rehab	McGill Associates	$900,000
8	Rutherford County	Elm Acres Waterline	Odom Engineering	$190,000
9	Town of Roper	Wastewater System Improvements	The Wooten Company	$1,092,000
10	City of High Shoals	High Shoals Sewer CDBG-I Project	Robinson & Sawyer	$1,594,905

Project No.	Applicant Name	Project Name	Engineering Firm	Funding Amount
12	Town of Stanley	WW Collection System Rehabilitation Project	McGill Associates, P.A.	$2,000,000
13	Town of Siler City	Wastewater Collection System Improvements	McGill Associates	$2,000,000
14	Town of Yanceyville	Wastewater Treatment Plant Update	Alley, Williams, Carmon, King, Inc.	$2,000,000
15	Town of Saratoga	Gardner School Rd/Pitt Rd Sewer Improvements	Mack Gay Associates, P.A.	$856,055
16	Greene County	2016 Sanitary Sewer Improvements	McDavid Associates,Inc.	$2,000,000
17	Burke County	Hwy 18S and Rhoney Rd Water Project	West Consultants, PLLC	$2,000,000
18	Town of Murphy	Regal Street Water and Sewer Improvements	McGill Associates	$2,000,000
19	Town of Faison	2016 Sanitary Sewer Improvements	McDavid Associates, Inc.	$2,000,000
20	Town of Biscoe (*)	Sanitary Sewer System Rehabilitation	LKC Engineering, PLLC	$498,485
			TOTAL	**$26,969,014**

(*) Town of Biscoe is recommended for partial funding; funding request was $1,700,000

One application that is complete and eligible is not recommended for funding. This project is located in a town that has significant issues with existing infrastructure that should be addressed prior to extension of service.

Project No. 11 – Town of Parmele. The Town submitted an application for funding a project that would extend sewer service to homes in two areas that have failing septic systems. The project scores in the funding range. On November 30, 2016, the Division was contacted by Allen Clark, a regional inspector with the Washington Region. Mr. Clark had just finished an inspection of the Parmele wastewater system. He found the system to be noncompliant, with manholes requiring rehabilitation, and the visual alarm on the primary pump station nonfunctional. He noted that there were signs of recent overflows at Manhole #1, located in a ditch, and fifty feet from a creek. The Town's response to the inspection states that the CDBG funds will assist in rehabbing the system, however, there is no rehabilitation included in the proposed project which is for all new lines and pump stations to serve homes. See the attached letters from the inspector, the Mayor of Parmele, and from Envirolink, the contract wastewater management company.

Water Resources
ENVIRONMENTAL QUALITY

PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

S. JAY ZIMMERMAN
Director

Certified Mail #7016 0750 0001 0901 5316
Return Receipt Requested

November 28, 2016

Jerry M McCrary, Mayor
Parmele Town
PO Box 98
Parmele, NC 27861-0098

SUBJECT: **NOTICE OF VIOLATION**
Tracking Number: NOV-2016-PC-0546
Permit No. WQCSD0521
Parmele Collection System
Martin County

Dear Mayor McCrary:

The North Carolina Division of Water Resources conducted an inspection of the Parmele Collection System on November 22, 2016. This inspection was conducted to verify that the facility is operating in compliance with State Regulations as they pertain to the operation of a wastewater collection system. A summary of the findings and comments noted during the inspection are provided in the enclosed copy of the inspection report.

The Collection System Non-sampling inspection was conducted by Division of Water Resources staff from the Washington Regional Office. The following violation(s) were noted during the inspection:

Inspection Area	Description of Violation
Manhole	The cement around the frame of Manhole No. 1 is cracked, not sealed, and shows signs of recent overflows (which have been reported). Manhole No. 1 is located low to the ground in a ditch and is within 50 feet of a creek. Also, several manholes in the system are damaged and are in need of repair.
Performance Standards	There is presently no established and active public education program for grease.
Pump Station	The visual alarm (light) at the Main Pump Station was not working at the time of the inspection.

Remedial actions should have already been taken to correct these problems and to prevent further occurrences in the future. The Division of Water Resources may pursue enforcement action for these and any additional violations of State law.

To prevent further action, please respond in writing to this office within 10 days upon your receipt of this Notice of Violation regarding your plans or measures to be taken to address the indicated violations and other identified issues, if applicable.

If you should have any questions, please do not hesitate to contact Allen Clark with the Water Quality Regional Operations Section in the Washington Regional Office at 252-946-6481.

Sincerely,

Robert Tankard, Assistant Regional Supervisor
Water Quality Regional Operations Section
Washington Regional Office
Division of Water Resources, NCDEQ

ATTACHMENTS

Cc: James Pittman, ORC, Envirolink, w/attachment (electronic copy)
WQS Washington Regional Office - Enforcement File, w/attachment
Central Files

Compliance Inspection Report

Permit: WQCSD0521 **Effective:** 03/01/00 **Expiration:** **Owner :** Parmele Town

SOC: **Effective:** **Expiration:** **Facility:** Parmele Collection System

County: Martin

Region: Washington

Contact Person: Jerry M McCrary **Title:** Mayor **Phone:** 252-795-4600

Directions to Facility:

System Classifications:

Primary ORC: James Earl Pittman **Certification:** 993912 **Phone:** 252-235-4900

Secondary ORC(s):

On-Site Representative(s):

Related Permits:

NC0026042 Town of Robersonville - Robersonville WWTP

Inspection Date: 11/22/2016 **Entry Time:** 10:00AM **Exit Time:** 12:15PM

Primary Inspector: Allen Clark **Phone:**

Secondary Inspector(s):

Reason for Inspection: Routine **Inspection Type:** Collection System Inspect Non Sampling

Permit Inspection Type: Deemed permitted collection system management and operation

Facility Status: ☐ Compliant ■ Not Compliant

Question Areas:

- ■ Miscellaneous Questions
- ■ Records
- ■ Pump Station
- ■ Performance Standards
- ■ Monitoring & Rpting Reqmts
- ■ Manhole
- ■ Operation & Maint Reqmts
- ■ Inspections

(See attachment summary)

Permit:	WQCSD0521	**Owner - Facility:**	Parmele Town		
Inspection Date:	11/22/2016	**Inspection Type :**	Collection System Inspect Non Sampling	**Reason for Visit:**	Routine

Inspection Summary:

On November 22, 2016, DWR staff Allen Clark met with Envirolink staff member and facility ORC James Pittman for a routine compliance inspection of the subject facility. Also present for either part or all of the inspection included the Town Mayor Jerry McCrary, Town Clerk Cynthia McNally, Town Board Members and Water Managers Walter Willet and Curtis Willet, and Town of Robersonville staff Charles Hyman.

The inspection included a review of the facility's records and reports and map of the collection system. After the review of the "paper work" a visit to the system's one and only pump station and one of the system's manholes, was conducted.

Envirolink is contracted to manage the Town's wastewater collection system. Envirolink, in conjunction with the Town of Parmele and the Town of Robersonville jointly response to overflows that occur in the system. Envirolink manages and supplies the emergency clean up equipment and manages the spill response action plan.

The items listed below are the most notable deficiencies or problems with the system that were observed during the inspection:

1. There is presently no established and active public education program for grease.

2. The cement around the frame of Manhole No. 1 is cracked. The manhole is not sealed and shows signs of recent overflows (which have been reported). Manhole No. 1 is located low to the ground in a ditch and is within 50 feet of a creek. Also, several manholes in the system are damaged and are in need of repair.

3. The visual alarm (light) at the Main Pump Station was not working at the time of the inspection.

NOV-2016-PC-0546 issued November 28, 2016.

Allen Clark
DWR/WaRO

Inspections

	Yes	No	NA	NE
Are maintenance records for sewer lines available?	■	☐	☐	☐
Are records available that document pump station inspections?	■	☐	☐	☐
Are SCADA or telemetry equipped pump stations inspected at least once a week?	■	☐	☐	☐
Are non-SCADA/telemetry equipped pump stations inspected every day?	☐	☐	■	☐
Are records available that document citizen complaints?	■	☐	☐	☐
# Do you have a system to conduct an annual observation of entire system?	■	☐	☐	☐
# Has there been an observation of remote areas in the last year?	☐	☐	■	☐
Are records available that document inspections of high-priority lines?	☐	☐	■	☐
Has there been visual inspections of high-priority lines in last six months?	☐	☐	■	☐

Comment:

Monitoring and Reporting Requirements

	Yes	No	NA	NE
Are copies of required press releases and distribution lists available?	■	☐	☐	☐
Are public notices and proof of publication available?	■	☐	☐	☐
# Is an annual report being prepared in accordance with G.S. 143-215.1C?	☐	☐	■	☐
# Is permittee compliant with all compliance schedules in the permits?	☐	☐	■	☐

If no, which one(s)?

Comment: Annual Report is not required due to this being a "deemed permitted" facility.

Operation & Maintenance Requirements

	Yes	No	NA	NE
Are all log books available?	■	☐	☐	☐
Does supervisor review all log books on a regular basis?	■	☐	☐	☐
Does the supervisor have plans to address documented short-term problem areas?	■	☐	☐	☐
What is the schedule for reviewing inspection, maintenance, & operations logs and problem areas? Weekly.				
Are maintenance records for equipment available?	☐	■	☐	☐
Is a schedule maintained for testing emergency/standby equipment?	■	☐	☐	☐
What is the schedule for testing emergency/standby equipment?	2 times per month			
Do pump station logs include:				
Inside and outside cleaning and debris removal?	■	☐	☐	☐
Inspecting and exercising all valves?	■	☐	☐	☐
Inspecting and lubricating pumps and other equipment?	■	☐	☐	☐
Inspecting alarms, telemetry and auxiliary equipment?	■	☐	☐	☐

Operation & Maintenance Requirements

	Yes	No	NA	NE
Is there at least one spare pump for each pump station w/o pump reliability?	☐	☐	■	☐
Are maintenance records for right-of-ways available?	☐	☐	■	☐
Are right-of-ways currently accessible in the event of an emergency?	■	☐	☐	☐
Are system cleaning records available?	☐	☐	■	☐
Has at least 10% of system been cleaned annually?	☐	☐	■	☐
What areas are scheduled for cleaning in the next 12 months?				
Is a Spill Response Action Plan available?	■	☐	☐	☐
Does the plan include:				
24-hour contact numbers	■	☐	☐	☐
Response time	■	☐	☐	☐
Equipment list and spare parts inventory	■	☐	☐	☐
Access to cleaning equipment	■	☐	☐	☐
Access to construction crews, contractors, and/or engineers	■	☐	☐	☐
Source of emergency funds	■	☐	☐	☐
Site sanitation and cleanup materials	■	☐	☐	☐
Post-overflow/spill assessment	■	☐	☐	☐
Is a Spill Response Action Plan available for all personnel?	■	☐	☐	☐
Is the spare parts inventory adequate?	■	☐	☐	☐

Comment: Envirolink is contracted to manage the system. They, in conjunction with the Town of Parmele and the Town of Robersonville jointly response to overflows that occur in the system. Envirolink manages and supplies the emergency clean up equipment and manages the spill response action plan.

Performance Standards

	Yes	No	NA	NE
Is Public Education Program for grease established and documented?	☐	■	☐	☐
What educational tools are used? There is presently no established and active public education program for grease.				
Is Sewer Use Ordinance/Legal Authority available?	■	☐	☐	☐
Does it appear that the Sewer Use Ordinance is enforced?	■	☐	☐	☐
Is Grease Trap Ordinance available?	■	☐	☐	☐
Is Septic Tank Ordinance available (as applicable, i.e. annexation)	☐	☐	■	☐
List enforcement actions by permittee, if any, in the last 12 months				
Has an acceptable Capital Improvement Plan (CIP) been implemented?	☐	☐	■	☐
Does CIP address short term needs and long term \"master plan\" concepts?	☐	☐	■	☐
Does CIP cover three to five year period?	☐	☐	■	☐

Performance Standards

	Yes	No	NA	NE
Does CIP include Goal Statement?	☐	☐	■	☐
Does CIP include description of project area?	☐	☐	■	☐
Does CIP include description of existing facilities?	☐	☐	■	☐
Does CIP include known deficiencies?	☐	☐	■	☐
Does CIP include forecasted future needs?	☐	☐	■	☐
Is CIP designated only for wastewater collection and treatment?	☐	☐	■	☐

Approximate capital improvement budget for collection system?

Total annual revenue for wastewater collection and treatment?

CIP Comments
CIP not require due to this being a "deemed permitted" facility.

Is system free of known points of bypass?	☐	■	☐	☐

If no, describe type of bypass and location
Several manholes in the system need repair. The cement around the base of Manhole No. 1 is cracked and shows signs of recent overflows.

Is a 24-hour notification sign posted at ALL pump stations?	■	☐	☐	☐

Does the sign include:

Instructions for notification?	■	☐	☐	☐
Pump station identifier?	■	☐	☐	☐
24-hour contact numbers	■	☐	☐	☐

If no, list deficient pump stations

# Do ALL pump stations have an "auto polling" feature/SCADA?	☐	☐	■	☐

Number of pump stations	1
Number of pump stations that have SCADA	0
Number of pump stations that have simple telemetry	1
Number of pump stations that have only audible and visual alarms	1
Number of pump stations that do not meet permit requirements	0

# Does the permittee have a root control program?	☐	☐	☐	■

If yes, date implemented?

Describe:

Comment:

Records

	Yes	No	NA	NE
Are adequate records of all SSOs, spills and complaints available?	■	☐	☐	☐
Are records of SSOs that are under the reportable threshold available?	■	☐	☐	☐
Do spill records indicate repeated overflows (2 or more in 12 months) at same location?	■	☐	☐	☐

Records

	Yes	No	NA	NE
If yes, is there a corrective action plan?	■	□	□	□
Is a map of the system available?	■	□	□	□
Does the map include:				
Pipe sizes	■	□	□	□
Pipe materials	■	□	□	□
Pipe location	■	□	□	□
Flow direction	■	□	□	□
Approximate pipe age	■	□	□	□
Number of service taps	□	□	□	■
Pump stations and capacity	■	□	□	□

If no, what percent is complete?

List any modifications and extensions that need to be added to the map
No modification to the map is needed.

# Does the permittee have a copy of their permit?	□	□	■	□

Comment: The emergency generator at the Main Pump Station is usually tested every 2 weeks. The maintenance records for the generator were keep elsewhere and were not available for review at time of inspection.

MAIN PS - N. Main Street

Pump Station

	Yes	No	NA	NE
Pump station type	Duplex			
Are pump station logs available?	■	□	□	□
Is it accessible in all weather conditions?	■	□	□	□
# Is general housekeeping acceptable?	■	□	□	□
Are all pumps present?	■	□	□	□
Are all pumps operable?	■	□	□	□
Are wet wells free of excessive debris?	■	□	□	□
Are upstream manholes free of excessive debris/signs of overflow?	□	■	□	□
Are floats/controls for pumps/alarms operable?	■	□	□	□
Is "auto polling" feature/SCADA present?	□	□	■	□
Is "auto polling" feature/SCADA operational?	□	□	■	□
Is simple telemetry present?	■	□	□	□
Is simple telemetry operational?	■	□	□	□
Are audio and visual alarms present?	■	□	□	□
Are audio and visual alarms operable?	□	■	□	□
Is the Pump station inspected as required?	■	□	□	□

MAIN PS - N. Main Street

Pump Station

	Yes	No	NA	NE
Are backflow devices in place?	■	☐	☐	☐
Are backflow devices operable?	■	☐	☐	☐
Are air relief valves in place?	☐	☐	■	☐
Are air relief valves operable?	☐	☐	■	☐
# Is an emergency generator available?	■	☐	☐	☐
Can the emergency generator run the pumps?	■	☐	☐	☐
Is the pump station equipped for quick hook-up?	☐	☐	■	☐
Is the generator operable?	■	☐	☐	☐
# Is fuel in tank and sufficient?	■	☐	☐	☐
Is the generator inspected according to their schedule?	■	☐	☐	☐
Is a 24-hour notification sign posted?	■	☐	☐	☐
Does it include:				
Instructions for notification?	■	☐	☐	☐
Pump station identifier?	■	☐	☐	☐
Emergency phone number	■	☐	☐	☐
Is public access limited?	■	☐	☐	☐
Is pump station free of overflow piping?	■	☐	☐	☐
Is the pump station free of signs of overflow?	■	☐	☐	☐
Are run times comparable for multiple pumps?	NE			

Comment: Upstream manhole shows signs of past overflows. Visual alarm (light) not working.

NO. 1 - Across from Main PS N. Main St

Manhole

	Yes	No	NA	NE
Is manhole accessible?	■	☐	☐	☐
# Is manhole cover/vent above grade?	■	☐	☐	☐
Is the manhole free of visible signs of overflow?	☐	■	☐	☐
Is the manhole free of sinkholes and depressions?	■	☐	☐	☐
Is manhole cover present?	■	☐	☐	☐
# Is manhole properly seated?	☐	■	☐	☐
# Is manhole in good condition?	☐	■	☐	☐
# Is invert in good condition?	☐	☐	☐	■
Is line free-flowing and unrestricted in manhole?	☐	☐	☐	■
Is manhole free of excessive amounts of grease?	☐	☐	☐	■
Is manhole free of excessive roots?	☐	☐	☐	■
Is manhole free of excessive sand?	☐	☐	☐	■

NO. 1 - Across from Main PS N. Main St

Manhole

	Yes	No	NA	NE
Is manhole's extended vent screened?	☐	☐	■	☐
Are vents free of submergence?	☐	☐	■	☐
Are manholes free of bypass structures or pipes?	■	☐	☐	☐

Comment: The cement around the frame of Manhole No. 1 is cracked. The manhole is not sealed and shows signs of recent overflows (which have been reported). Manhole No. 1 is located low to the ground in a ditch and is within 50 feet of a creek. Also, several manholes in the system are damaged and are in need of repair.

ENVIROLINK

December 6, 2016

Mr. Robert Tankard, Assistant Regional Supervisor
WaRO, WQOS, DWR, NCDENR
943 Washington Square Mall
Washington, NC 27889

Subject: NOV-2016-PC-0546 -Town of Parmele WQCSD0521

Dear Mr. Tankard,

On behalf of the Town of Robersonville and the Town of Parmele, Envirolink, Inc., appreciates the opportunity to respond to the Notice of Violation received on November 28, 2016. Please find below our written response to the Division's collection system inspection that was conducted on November 22, 2016.

NC DEQ Comment: "The cement around the frame of Manhole No.1 is cracked, not sealed, and shows signs of recent overflows (which have been reported). Manhole No. 1 is located low to the ground in a ditch and is within 50 feet of the creek. Also, several manholes in the system are damaged and are in need of repair".

Response: Parmele Town Staff has repaired the concrete around the manhole #1 frame. The Town of Robersonville and Envirolink will present a manhole survey and inspection project to the Town of Parmele for their review and approval within the next 45 days. After Board approval and once the project is completed, the Town of Parmele would be provided a report with repair recommendations and cost estimates for the Town's collection system manholes.

NC DEQ Comment: "There is presently no established and active grease education program for grease."

Response: The Town of Robersonville is currently sending their grease education material to the Town of Parmele representative once per year. This frequency will be increased to twice per year and put on the same schedule as the Town of Robersonville.

NC DEQ Comment: "The visual alarm at the Main Pump Station was not working at the time of the inspection".

Response: According to Staff, the light was working during their last site visit. The Town of Parmele recently had a sub-contractor rebuild/replace the pumps at the main lift station and potentially the visual bulb could have failed or shorted out while work was being completed on

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the station. However, the visual light bulb was immediately replaced the same day as the inspection.

In regards to the Division's inspection summary, Envirolink would like to take this opportunity to clarify a few items so that the Division has a better understanding of Envirolink's role and responsibilities with the Town of Parmele and the Town of Robersonville. Please note, Envirolink does not have an operation and maintenance agreement or contract with the Town of Parmele. However, the Town of Parmele is currently in negotiations to renew the operation and maintenance agreement with the Town of Robersonville in which Robersonville provides collection system emergency response, utility billing, lift station visitations and other deemed permitted collection system operational activities. The Towns are currently negotiating their O&M agreement renewal and hope to have a resolution in the near future. Since Envirolink already has a presence in Robersonville and serves as Robersonville's collection system ORC and treatment system ORC, Envirolink's staff works jointly with Robersonville's Staff to respond to emergencies and other duties as required by the Robersonville and Parmele agreement.

We trust that this letter addresses our response to the Notice of Violation. We respectfully request that the Division not take any further enforcement action on this matter. If Envirolink can be of any further assistance or additional information is needed, please contact me at 252-235-4900.

Sincerely,

Heather Adams
Envirolink, Inc.

CC: James Pittman, Envirolink, Inc.
Libby Jenkins, Town of Robersonville
Jerry McCrary, Town of Parmele

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Town of Parmele

1065 JAMES STREET
POST OFFICE BOX 98
PARMELE, NC 27861
PHONE: 252-795-4600
FAX: 252-795-4242

December 5, 2016

Robert Tankard, Asst. Regional Supervisor
Water Quality Regional Operations Section
Washington Regional Office
Division of Water Resources, NCDEQ
943 Washington Square Mall
Washington, NC 27889

Dear Mr. Tankard,
In response to the Notice of Violation (Tracking Number: NOV-2016-PC-0546), the following measures have been/are being taken:

- Manholes – we have purchased cement mixture and having our town maintenance workers apply fresh applications to ensure damages are corrected. We have applied for the CDGB grant to upgrade the current system and are currently awaiting a response; repair issues are demanding immediate attention. Upon being awarded the grant, manhole No. 1 will be reconstructed to improve efficiency and aesthetic appearance.
- Performance Standards – beginning January, 2017, we will conduct and maintain an active public education on grease. This will occur at least twice during the calendar year. Notices will be placed at the Post Office as well as home deliveries.
- Pump Station – the visual alarm (light) at the Main Pump Station has been repaired and working properly (needed a new bulb).

I trust the aforementioned information is acceptable. Should you have further questions or concerns please do not hesitate to contact me at the town hall: 252-795-4600.

Sincerely,

Jerry M. McCrary
Mayor

State Water Infrastructure Authority

Meeting Date: January 18, 2017

Agenda Item K

Example Funding Scenario for Drinking Water Projects for September 30, 2016 Application Round

(Revised: January 13, 2017)

Division of Water Infrastructure Staff Report

This staff report presents an example funding scenario for drinking water project applications. A total of 45 applications were received requesting $131 million in funding. In this example, applications are shown as funded in priority order until available funds are exhausted. Grant funds are provided at the percentage determined by the affordability criteria established by the Authority. Since available Connect NC Bond loan funds exceed demand after all eligible projects have been funded, Drinking Water State Reserve funding in excess of $3 million can be provided to the Town of Edenton through the combination of Project No. 2 and No. 3.

This example does not utilize any appropriated grant funding for drinking water applications since there are sufficient Connect NC Bond grant funds or DWSRF loans with principal forgiveness to fund all eligible grant applications. This example is detailed in Tables K-1 and K-2 below. A total of 37 drinking water projects totaling $105,173,066 are proposed to be funded as shown in this example.

Table K-1. Drinking Water State Reserve Project Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential Grant Amount from Bond	Potential Loan Amount
2	Edenton, Town of	Freemason Water Treatment Plant Upgrade	$2,000,000	$0	$2,000,000
3*	Edenton, Town of	Beaver Hill Water Plant Upgrade	$1,658,700	$0	$1,658,700
6	Parkton, Town of	Water Tank Rehabilitation Project	$179,300	$89,650	$89,650
7	Martin County	Water and Sewer District No. 1 Water System Improvements	$1,476,275	$1,476,275	$0
8	Oxford, City of	2017 Water Line Replacement	$5,832,000	$2,916,000	$2,916,000
9	Jonesville, Town of	Water System Improvements	$1,080,686	$540,343	$540,343
11	Bailey, Town of	Water Filter Replacement	$468,000	$234,000	$234,000
12	Southeastern Wayne Sanitary District	2016 Water System Improvements - Water Line Replacement	$2,500,000	$1,250,000	$1,250,000
13	Fountain, Town of	2016 Water System Improvements	$1,125,000	$843,750	$281,250

Table K-1. Drinking Water State Reserve Project Applications – Example Funding Scenario (continued)

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential Grant Amount from Bond	Potential Loan Amount
14	Beaufort County Water District V - Pantego Township	2016 Water System Improvements	$1,938,000	$1,453,500	$484,500
16	Cove City, Town of	2015 Water System Improvements	$2,108,000	$527,000	$1,581,000
18	Orange Water and Sewer Authority	Brandywine Road Water Main Rehabilitation	$1,056,000	$0	$1,056,000
19	Sparta, Town of	Crestview Booster Pump Station and Water System Improvements	$600,000	$150,000	$450,000
20	Sampson County	Iron and Manganese Treatment Systems	$1,351,000	$1,013,250	$337,750
21	Eden, City of	Water Line Expansion - Regional Mega Park	$7,546,800	$1,886,700	$5,660,100
23	Carolina Beach, Town of	2016 Drinking Water Project	$1,273,216	$0	$1,273,216
24	Gibsonville, Town of	Springwood and Cedar St. Waterline Replacement	$590,500	$0	$590,500
25	Boonville, Town of	Water Treatment Plant Improvements	$796,000	$0	$796,000
26	Beaufort County Water District I - Washington Township	2016 Water System Improvements	$3,000,000	$2,250,000	$750,000
28	Canton, Town of	Spruce Street Area Water System Improvements	$2,000,000	$0	$2,000,000
29	Orange Water and Sewer Authority	Dobbins Drive Water Main Rehabilitation	$1,525,000	$0	$1,525,000
30	Buffalo Water District	2017-18 Hydraulic Improvements	$2,300,000	$0	$2,300,000
31	Rowan County	Dukeville Water Line Project	$2,963,700	$0	$2,963,700
32	Elevation Water District	2017-18 Hydraulic Improvements	$1,500,000	$0	$1,500,000
33	Wilson Mills Water District	2017-18 Hydraulic Improvements	$2,270,000	$0	$2,270,000
		Totals for State Reserve	**$49,138,177**	**$14,630,468**	**$34,507,709**
				$49,138,177	

(*) Edenton would normally be limited to $3 million in loan. Since available Connect NC Bond loan funds exceed demand after all eligible projects have been funded, Edenton can therefore be fully funded.

Table K-2. Drinking Water State Revolving Fund (DWSRF) Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential Principal Forgiveness	Potential Loan Amount
2	Tuckaseigee Water and Sewer Authority	Water System Consolidation of Valhalla System	$499,985	$499,985	$0
5	Henderson, City of	Kerr Lake Regional Water Treatment Plant Upgrades	$19,893,000	$0	$19,893,000
7	Louisburg, Town of	Water Improvements	$386,000	$193,000	$193,000
8	Saratoga, Town of	Route 222/Church Street Waterline Replacement	$217,848	$108,924	$108,924
10	Dublin, Town of	FY16 HUC Water System Improvements - Water Lines	$476,000	$238,000	$238,000
14	Valdese, Town of	St. Germain Ave. Water System Improvements	$313,655	$156,828	$156,828
15	Shelby, City of	WTP Rehabilitation and Upgrades	$10,285,000	$0	$10,285,000
17	Pamlico County	Reelsboro Elevated Storage Tank Replacement	$1,265,000	$500,000	$765,000
18	Eden, City of	Water Line Expansion - In Town	$9,342,800	$0	$9,342,800
23	Orange Water and Sewer Authority	Water Treatment Plant Sedimentation Rehab.	$3,390,000	$0	$3,390,000
28	Cleveland County Water	Lattimore Area Water Improvements	$3,833,600	$0	$3,833,600
29	Orange Water and Sewer Authority	Advanced Metering Infrastructure System	$6,132,000	$0	$6,132,000
		Totals for DWSRF	**$56,034,888**	**$1,696,737**	**$54,338,152**
				$56,034,889	

Other Funding Scenarios

Note that there are other scenarios which could be constructed, and staff can assist the Authority with other scenarios during the meeting.

State Water Infrastructure Authority

Meeting Date: January 18, 2017

Agenda Item L

Example Funding Scenario for Wastewater Projects, Asset Inventory and Assessment Grants, and Merger/Regionalization Feasibility Grants for September 30, 2016 Application Round

(Revised: January 13, 2017)

Division of Water Infrastructure Staff Report

This staff report presents an example funding scenario for wastewater project applications, AIA applications, and MRF applications. The three funding programs are considered together in a single scenario due to the shared state appropriated grant funds. This example provides the best funding available for a given project application and maximizes the utilization of Connect NC Bond loan funds.

Project Funding Program	No. of Complete, Eligible Applications	Sum of Funds Requested in Complete, Eligible Applications
Wastewater Projects	49	$191,327,756
Asset Inventory and Assessment (AIA) Grants	196	$22,824,800
Merger/Regionalization Feasibility Study (MRF) Grants	3	$150,000
Total	**248**	**$214,302,556**

In this example, applications are shown as funded in the following order:

- EPA Administrative Order (AO) or consent decree from the Connect NC Bond funds (loan and grant)
  - Per the Connect NC Bond statutes, wastewater applications for projects that are to be completed due to an EPA Administrative Order (AO) or a consent decree must be funded first with Connect NC Bond funds and these applicants are eligible for 50% grant and 50% loan up to $16,700,000 in grant and $15 million in loan for these projects. As shown in Table L-1 below, the applications for Project Nos. 1 – 4 are shown as funded under this criterion.
- All complete Merger/Regionalization Feasibility grants
- Asset Inventory and Assessment grants through a score of 14 that have a Project Benefits score of 6; these represent approximately $8.2 million in funding which is approximately 11.5% of overall grant funds that are available in this round
- Remaining funds (a combination of appropriated grants, bond loans, bond grants, and State Revolving Fund (SRF) loans including principal forgiveness) are used to offer the best available funding for wastewater project applications in priority order until funds are exhausted.

This example utilizes all the available appropriated grant funds split between wastewater projects, AIA grants, and MRF grants. This example is detailed in Tables L-1 through L-4 below:

- A total of 32 wastewater projects totaling $162,900,745
- A total of 65 AIA grants totaling $8,274,229
- The three eligible MRF applications totaling $150,000

} This equals a grand total of $171,324,974 for wastewater projects, AIAs and MRFs

Table L-1. Wastewater State Reserve Project Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential Grant Amount from Bond	Potential Grant Amount from Appropriation	Potential Loan Amount
1	Eden, City of (AO)	Wastewater Collection and Transmission System Rehab. (AO)	$31,660,000	$15,150,788		$15,000,000
2	Cape Fear Public Utility Authority (AO)	Pump Stations 5, 6, 13, 16, 21, and 20 Replacement and Force Main Rehab. (AO)	$4,427,894	$4,427,894		$0
3	Cape Fear Public Util. Auth. (AO)	Find-it, Fix-it Gravity Sewer Rehabilitation (AO)	$6,134,853	$6,134,853		$0
4	Cape Fear Public Util. Auth. (AO)	Pump Station 10 Replacement (AO)	$5,737,250	$5,737,250		$0
5	Elm City, Town of	Wastewater Irrigation System Improvements	$3,000,000	$3,000,000		$0
6	Pikeville, Town of	2016 Sanitary Sewer Improvements	$2,772,000	$2,249,215	$522,785	$0
7	Fremont, Town of	Fremont Sanitary Sewer Rehabilitation	$1,200,000		$1,200,000	$0
8	Franklin County	Youngsville Sewer Collection System Improvements	$1,910,000			$1,910,000
9	Yadkin Valley Sewer Authority	2017 Collection System Rehabilitation Project	$2,645,000		$1,984,125	$661,375
11	Oxford, City of	2017 Sewer Line Replace.	$2,921,000		$2,940,750	$980,250
12	Stantonsburg, Town of	Sanitary Sewer Replacement	$915,000		$915,000	$0
13	Fair Bluff, Town of	Fair Bluff Wastewater Pump Station Improvements	$93,278		$69,959	$23,320
14	Warrenton, Town of	Warrenton WWTP Improve.	$1,600,000		$1,600,000	$0
15	Dublin, Town of	FY16 Sewer System Improvements	$302,000		$226,500	$75,500
18	Clyde, Town of	Pigeon River North Sewer Rehabilitation Project	$550,000		$412,500	$137,500
24	Kinston, City of	Brier Run Phase V Sewer Rehabilitation Project	$1,332,700		$0	$1,332,700
25*	Kinston, City of	Lawrence Heights Sewer Replacement	$3,299,600		$0	$3,299,600
28	Old Fort, Town of	WWTP Improvements	$2,066,000		$0	$2,066,000
29*	Lenoir, City of	Biosolids Facility Improvements	$6,600,000		$0	$6,600,000

Table L-1. Wastewater State Reserve Project Applications – Example Funding Scenario (Continued)						
30	Mocksville, Town of	Dutchman's Creek WWTP Improvements	$3,000,000		$0	$3,000,000
31	Carolina Beach, Town of	Carolina Beach 2016 Wastewater Project	$1,657,654		$0	$1,657,654
32	Orange Water & Sewer Authority	Wastewater Treatment Plant Intermediate PS Rehab	$1,071,000		$0	$1,071,000
34	McAdenville, Town of	Phase II - South Fork Sewer Project	$2,999,839		$0	$2,999,839
35	Orange Water & Sewer Authority	Dobbins Drive Sewer Interceptor Rehabilitation	$1,658,000		$0	$1,658,000
				$36,700,000	**$9,871,619**	
		Totals for State Reserve	**$89,553,068**	**$46,571,619**		**$42,472,738**
				$89,044,357		

(*) Projects No. 25 (City of Kinston) and No. 29 (City of Lenoir) would normally be limited to $3 million in loan. Since available Connect NC Bond loan funds exceed demand after all eligible projects have been funded, these projects can therefore be fully funded.

Table L-2. Clean Water State Revolving Fund (CWSRF) Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential Principal Forgiveness	Potential Loan Amount
2	Ayden, Town of	2016 Sanitary Sewer Replacement	$1,305,130	$500,000	$805,130
4	Mount Gilead, Town of	2017 Wastewater Improvements	$2,853,000	$500,000	$2,353,000
5	Yadkin Valley Sewer Authority	2017 Wastewater Treatment Plant Improvements Project	$966,000	$483,000	$483,000
6	La Grange, Town of	Inflow and Infiltration Abatement	$202,450	$101,225	$101,225
16	Davie County	East Davie Wastewater Collection System	$18,199,000	$0	$18,199,000
22	Southport, City of	Wastewater Treatment Expansion	$19,850,608	$0	$19,850,608
23	Johnston County	WWTP 4 MGD Expansion	$39,150,000	$0	$30,000,000
24	Jacksonville, City of	Wardola-Thompson School Creek Restoration Project	$480,200	$0	$480,200
			$83,006,388	$1,584,225	$72,272,163
		Totals for CWSRF	**$83,006,388**	**$73,856,388**	

Table L-3. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential Grant Amount
1	Cape Fear Public Utility Authority	AIA Gravity Sewer in Historic Downtown Wilmington Area	$150,000	$150,000
2	Shelby, City of	Sewer Asset Inventory and Assessment	$150,000	$150,000
3	Granite Falls, Town of	Sewer System Asset Management	$150,000	$150,000
4	Spindale, Town of	Sanitary Sewer Collection System Flow Monitoring	$150,000	$150,000
5	Tabor City, Town of	Wastewater Asset Inventory and Assessment	$85,450	$85,450
6	Whiteville, City of	Sewer System Asset Management Plan	$150,000	$150,000
7	Washington, City of	Wastewater System Asset Inventory Assessment	$150,000	$150,000
8	Bladenboro, Town of	Drinking Water Asset Inventory and Assessment	$78,250	$78,250
9	Monroe, City of	Wastewater System Asset Management Integration	$150,000	$150,000
10	Mocksville, Town of	Water System Asset Inventory and Assessment	$150,000	$150,000
11	Rowland, Town of	Wastewater Asset Inventory and Assessment	$125,950	$125,950
12	St. Pauls, Town of	Sewer Asset Inventory and Assessment	$150,000	$150,000
13	Lexington, City of	Wastewater Asset Management Plan	$150,000	$150,000
14	Southern Pines, Town of	Critical Sewer Condition Assessment	$150,000	$150,000
15	Davie County	Water System Inventory Assessment and Mapping	$150,000	$150,000
16	Sanford, City of	Water Asset Inventory, Condition Assessment & Asset Management Planning	$150,000	$150,000
17	Old Fort, Town of	Water System Asset Inventory & Assessment	$150,000	$150,000
18	Fair Bluff, Town of	Wastewater System Asset Inventory & Condition Assessment	$150,000	$150,000
19	Ellerbe, Town of	Wastewater Asset Inventory and Assessment	$77,900	$77,900

Table L-3. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario (continued)				
20	Bertie County Water District II	Water Asset Management Plan Revision	$84,200	$84,200
21	North Wilkesboro, Town of	Water Asset Inventory & Assessment	$100,000	$100,000
22	North Wilkesboro, Town of	Sewer Asset Inventory & Assessment	$100,000	$100,000
23	Elm City, Town of	Sewer System Asset Inventory and Assessment	$150,000	$150,000
24	Bladenboro, Town of	Wastewater Asset Inventory and Assessment	$81,550	$81,550
25	Carolina Beach, Town of	2016 AIA Drinking Water Projects	$150,000	$150,000
26	Canton, Town of	Water System Asset Inventory and Assessment	$85,000	$85,000
27	Landis, Town of	Water System Asset Inventory & Assessment	$150,000	$150,000
28	Mocksville, Town of	Sewer System Asset Inventory and Assessment	$150,000	$150,000
29	Wallace, Town of	Sewer System Asset Inventory and Assessment	$150,000	$150,000
30	Maxton, Town of	Wastewater Asset Inventory, Assessment & Management Plan	$112,000	$112,000
31	Maxton, Town of	Water Asset Inventory, Assessment & Management Plan	$96,000	$96,000
32	Oxford, City of	Sewer Asset Inventory & Assessment	$150,000	$150,000
33	Clayton, Town of	Wastewater Asset Management Assessment and Inventory	$150,000	$150,000
34	Clayton, Town of	Drinking Water Asset Management Assessment and Inventory	$150,000	$150,000
35	Drexel, Town of	Wastewater Asset Inventory & Assessment	$150,000	$150,000
36	Landis, Town of	Sewer System Asset Inventory & Assessment	$150,000	$150,000
37	Claremont, City of	Sewer Asset Inventory & Assessment	$150,000	$150,000
38	Rose Hill, Town of	Wastewater System Asset Inventory & Condition Assessment	$150,000	$150,000
39	Old Fort, Town of	Sewer System Asset Inventory and Assessment	$150,000	$150,000

Table L-3. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario (continued)				
40	Winterville, Town of	Water Distribution System Asset and Inventory	$150,000	$150,000
41	Aulander, Town of	Water Asset Management Plan	$78,304	$78,304
42	Elm City, Town of	Water System Asset Inventory and Assessment	$150,000	$150,000
43	Andrews, Town of	Sewer System Asset Inventory and Assessment	$150,000	$150,000
44	Oxford, City of	Water Asset Inventory and Assessment	$105,000	$105,000
45	Beaufort, Town of	Water System Asset Inventory Assessment	$150,000	$150,000
46	Mount Olive, Town of	Water Asset Inventory & Assessment	$104,000	$104,000
47	Woodland, Town of	Wastewater System Asset Inventory Assessment	$76,000	$76,000
48	Southport, City of	Wastewater Asset Management Plan	$45,000	$45,000
49	Robbinsville, Town of	Water Asset Inventory and Assessment	$50,000	$50,000
50	Pink Hill, Town of	Water Asset Inventory & Assessment	$40,000	$40,000
51	Pink Hill, Town of	Sewer Asset Inventory & Assessment	$80,000	$80,000
52	Rose Hill, Town of	Water System Asset Inventory & Condition Assessment	$150,000	$150,000
53	Laurinburg, City of	Wastewater Asset Inventory and Assessment	$133,700	$133,700
54	Cleveland County Water	Water Asset Inventory and Assessment	$150,000	$150,000
55	Dunn, City of	Water System Asset and Inventory Assessment	$150,000	$150,000
56	Laurinburg, City of	Drinking Water Asset Inventory and Assessment	$80,925	$80,925
57	Middlesex, Town of	Wastewater Asset Inventory and Assessment	$150,000	$150,000
58	Bailey, Town of	Sewer Asset Inventory and Assessment	$150,000	$150,000
59	Wilson County Southwest Water District	Water Asset Inventory and Assessment	$95,000	$95,000
60	Hyde County	Water System Asset Inventory & Assessment	$120,000	$120,000
61	Maysville, Town of	Sewer Asset Inventory & Assessment	$140,000	$140,000

Table L-3. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario (continued)				
62	Warrenton, Town of	Water Asset Inventory & Assessment	$100,000	$100,000
63	Benson, Town of	Wastewater Asset Inventory & Assessment	$150,000	$150,000
64	Monroe, City of	Drinking Water System Asset Management Integration	$150,000	$150,000
65	Murphy, Town of	Water System Asset Inventory & Assessment	$150,000	$150,000
		Totals for AIA Grants	**$8,274,229**	**$8,274,229**

Table L-4. Merger/Regionalization Feasibility (MRF) Grant Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential Grant Amount
1	Rutherford County	Cliffside Sanitary District Merger/ Consolidation PER	$50,000	$50,000
2	Bethel, Town of	Sewer Merger Feasibility	$50,000	$50,000
3	Wayne County	Sewer System Merger/ Regionalization Grant	$50,000	$50,000
		Totals for MRF Grants	**$150,000**	**$150,000**

Other Funding Scenarios

Note that there are other funding scenarios which could be constructed, and staff can assist the Authority with other scenarios during the meeting.