

State Water Infrastructure Authority

Meeting Date: July 18, 2018

Agenda Item I

Example Funding Scenario for Drinking Water Projects for Spring 2018 Application Round

Division of Water Infrastructure Staff Report

This staff report presents an example funding scenario for drinking water project applications. A total of 24 applications were received requesting \$115 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. The funding scenario provided utilizes all remaining Connect NC bond grant funds. Approximately \$700,000 in Connect NC bond loan funds will remain unused and made available for cost overruns for previously funded projects.

A total of 19 drinking water projects totaling \$36,191,118 are proposed to be funded as shown in Tables I-1 and I-2 below.

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

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential Grant Amount from Bond	Potential Loan Amount
1	Enfield, Town of	Phase 4 Water System Improvements Project	\$2,109,843	\$2,109,843	
2	Lucama, Town of	2018 Water Systems Improvements Phase 2	\$2,227,200	\$2,227,200	
3*	Montgomery County	Raw Water Pump Station Improvements	\$1,564,600	\$157,650	
10	Granite Falls, Town of	2018 Water Distribution System Improvements -- Replacement of Finished Water Line	\$500,000		\$500,000
12	Valdese, Town of	Water Treatment Plant Bleach Conversion Project	\$658,300	\$164,575	\$493,725
13	Newton, City of	Newton Streetscape Phases 2-4 Water Utility Rehabilitation	\$558,500		\$558,500
17	Manteo, Town of	AMI Meter Replacement Project	\$620,579		\$620,579
18	East Arcadia, Town of	2018 Advanced Metering Infrastructure	\$300,000		\$300,000
Totals for State Reserve			\$8,539,022	\$4,659,268	\$2,472,804
				\$7,132,072	

(*) Montgomery County Project No. 3 is fully funded through a combination of State Reserve grant, State Revolving Fund principle forgiveness, and State Revolving Fund loan.

Table I-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
3*	Montgomery County	Raw Water Pump Station Improvements	\$1,564,600	\$624,650	\$782,300
4	Oxford, City of	2017 B Water Line Replacement	\$2,710,500	\$1,000,000	\$1,710,500
5	Kinston, City of	Greenmead Water Line Replacement Project	\$1,299,887	\$649,943	\$649,944
6	Snow Hill, Town of	2018 Water System Improvement	\$651,420	\$325,710	\$325,710
7	Greene County	2018 Water System Improvements - Well Renovation and Chlorine Conversion Gas to Liquid	\$1,383,000	\$691,500	\$691,500
8	Hookerton, Town of	Hookerton Well No. 2 Generator	\$112,486	\$56,243	\$56,243
10	Robersonville, Town of	Water System Improvements	\$779,300	\$389,650	\$389,650
11	Valdese, Town of	Main Street Water Line Replacement Project	\$2,782,950	\$1,000,000	\$1,782,950
13	Johnston County	WTP Efficiency Project	\$4,510,000		\$4,510,000
15	Edenton, Town of	Well Rehabilitation and New Ground Water Storage Tank	\$1,336,000		\$1,336,000
16	Iredell Water Corporation	Ostwalt-Amity Water System Improvements	\$5,201,553		\$5,201,553
18	Lincoln County	Reepsville Road Interconnection	\$6,885,000		\$6,885,000
Totals for DWSRF			\$29,216,696	\$4,737,696	\$24,321,350
				\$29,059,046	

(*) Montgomery County Project No. 3 is fully funded through a combination of State Reserve grant, State Revolving Fund principle forgiveness, and State Revolving Fund loan.

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: July 18, 2018

Agenda Item J

Example Funding Scenario for Wastewater Projects for Spring 2018 Application Round

Division of Water Infrastructure Staff Report

This staff report presents an example funding scenario for wastewater project applications. A total of 24 applications were received requesting \$123 million in funding. In this example, applications are shown as funded in priority order until available funds are exhausted. There are no remaining State Grant Funds available. The best available funds are State Revolving Fund with principle forgiveness. The funding scenario provided utilizes all remaining Connect NC bond funds.

There are three projects on the Clean Water State Revolving Fund list that receive a total of 14 priority points. The Town of Southport Project No. 16 is additional funding for a previously funded project. The Lincoln County Project No. 17 cannot be fully funded but will move forward with partial funding. A total of 15 wastewater projects totaling \$64,234,624 are proposed to be funded as shown in the example detailed in Tables J-1 and J-2 below.

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

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential Loan Amount
4	Cajah's Mountain, Town of	Sutton Place Sewer Extension	\$2,006,000	\$2,006,000
7	Franklin County	Franklinton Sanitary Sewer Pump Station Rehabilitation	\$1,365,000	\$1,365,000
8	Newton, City of	Newton Streetscape Phases 2-4 Sewer Utility Rehabilitation	\$197,400	\$197,400
12	Walstonburg, Town of	I&I Study and Remediation	\$173,650	\$173,650
13	Spruce Pine, Town of	Spruce Pine Sewer Rehabilitation	\$588,400	\$588,400
Totals for State Reserve			\$4,330,450	\$4,330,450

Table J-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
1	Oxford, City of	2017 B Sewer Line Replacements	\$3,468,000	\$500,000	\$2,968,000
2	Winterville, Town of	Sanitary Sewer System Rehabilitation	\$3,532,200	\$500,000	\$3,032,200
3	East Yancey Water and Sewer District	East Yancey County Sewer Improvements Phase 2	\$565,835	\$500,000	\$65,835
4	Lumberton, Town of	Sanitary Sewer Collection System, 2018 Priority Repairs	\$1,000,000	\$500,000	\$500,000
5	Franklin County	2019 WWTP Rehabilitation	\$8,316,000		\$8,316,000
9	Norwood, Town of	Norwood WWTP Renovation	\$4,271,000		\$4,271,000
13	Mount Holly, City of	Wastewater Treatment Plant Regionalization Project	\$18,850,000		\$18,850,000
15	Clayton, Town of	Wastewater Collection System Improvements	\$3,956,000		\$3,956,000
16	Southport, City of	Shalotte Wastewater Treatment Plant Expansion	\$5,945,139		\$5,945,139
17	Lincoln County	Killian Creek Wastewater Treatment Plant Upgrade	\$24,639,793		\$10,000,000
Totals for CWSRF			\$74,543,967	\$2,000,000	\$57,904,174
				\$59,904,174	

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.