

**North Carolina Wastewater Technical Assistance Grants (TAG) - October 2014 Application Round**  
**Projects Approved for Funding by State Water Infrastructure Authority on Dec. 11, 2014**

Project No.	Applicant Name	Project Name	Engineering Firm	Project Description	County	Tier	WW TAG Funding Request	WW TAG Grant	Total Project Cost	Points Submitted	Points Verified (Total All Categories)	Env. Benefit	System Mgmt.	Financials	Difference in Points Claimed & Verified	Other Considerations/ Staff Notes
<b>FUNDING SUMMARY</b>							<b>\$880,599</b>	<b>\$580,599</b>	<b>\$888,599</b>							
1	Asheboro, City of	Penwood Branch Partial Sewer Evaluation and PER	The Wooten Company	Evaluation of high I/I flows including inspection and CCTV of 4,500 lf of gravity sewer; flow metering; manhole evaluation	Randolph	2	\$49,999	\$49,999	\$49,999	66.84	37.84	10	5	22.84	1. No basinwide points due to noncompliance 2. Over 1,000 connection without an implemented asset management plan 3. No documentation provided showing that the existing land use plan is water-quality based. 4. No documentation provided for Flood Hazard Prevention ordinance.	Staff Notes: \$768,000 fund transfer to economic development fund
2	Yadkin Valley Sewer Authority	Historical Jonesville Collection System Evaluation and Report	West Consultants	Sewer evaluation of manholes; smoke test all lines with service connections; catalogue findings into database; review SSO history; report defects with recommendations for repairs	Yadkin	2	\$50,000	\$50,000	\$50,000	39.17	35.16	0	13	22.16	1. Land use plan only covers part of the service area; gave points for significant steps towards adoption 2. Flood hazard prevention only covers part of the service area	
3	Lenoir, City of	Lenoir Biosolids Study	McGill Associates	Evaluation of alternatives for handling and treating sludge at Lower Creek WWTP	Caldwell	1	\$50,000	\$50,000	\$50,000	51.49	34.49	0	15	19.49	1. No direct link between the project and the noted stream impairments due to insufficient mapping and discussion. 2. No WS-IV points as no letter provided by DWR verifying that project is located in area cover by plan. 3. Narrative for land use plan does not clearly demonstrate exceedance of state standards. 4. Cited exceedance of flood damage prevention standards does not match provided ordinance.	
4	Ramseur, Town of	Partial SSES Phase 2 and PER	The Wooten Company	Completion of Phase II SSES including smoke testing and CCTV to determine sources of I/I	Randolph	2	\$50,000	\$50,000	\$50,750	35.19	33.02	0	8	25.02	1. Application used incorrect MHI data in financial calculations.	
5	Pikeville, Town of	Wastewater Treatment & Disposal Evaluation	McGill Associates	Study of ongoing noncompliance issues at WWTP including exceedances of flow, BOD, TSS, and turbidity limits.	Wayne	2	\$50,000	\$50,000	\$50,000	57.43	32.43	0	11	21.43	1. No basinwide points given due to noncompliance.	
6	Bailey, Town of	Regional Sewer Study	McGill Associates	Evaluation of wastewater treatment and disposal options to provide additional treatment capacity to return to compliance	Nash	2	\$50,000	\$50,000	\$50,000	39.68	28.68	0	4	24.68	1. No direct connection between project and the downstream impairment due to distance and lack of demonstrated impact. 2. Community development plan documentation indicates water-quality based initiatives have not been implemented; gave points for significant steps towards adoption.	
7	Lake Lure, Town of	Interconnect CWSRF Fund ER	WK Dickson	Engineering report for a sewer connection between Lake Lure and another local government to eliminate the Lake Lure WWTP	Rutherford	1	\$50,000	\$50,000	\$50,000	33.33	28.16	10	0	18.16	1. Applicant used CWSRF priority system instead of state system. 2. No documentation provided for SOC.	
8	Hookerton, Town of	WWTP Improvements Study	N/A	Study to determine potential improvements to WWTP including effluent filtration in order to resolve ongoing non-compliance	Greene	2	\$50,000	\$50,000	\$50,000	35.22	28.14	0	2	26.14	1. OR calculated using LGC 108C data is less than 1. 2. Narrative does not discuss water-quality based measures included in land use plan.	
9	Woodland, Town of	Sanitary Sewer Evaluation Study	The Wooten Company	SSES of 40,000 lf of gravity sewer and PER identifying repairs and costs to eliminate I/I causing SSOs	Northampton	1	\$46,600	\$46,600	\$46,600	28.38	27.38	0	1	26.38	1. Narrative does not demonstrate that flood hazard plan exceeds state requirements.	
10	Brevard, City of	I & I Mapping	Brown Consultants	Identify, locate and map inflow and exfiltration in the collection system using thermal imagery	Transylvania	2	\$50,000	\$50,000	\$55,750	30.22	24.53	0	7	17.53	1. No narrative provided to support Asset Management points 2. Documentation exceeding state standards for flood hazard and land use was not provided but was included in another application for the Town, points were given	Other Considerations: City is currently under settlement agreement with NCDENR for collection system violations

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11	Brevard, City of	Study of Impacts on High Strength WW	CDM Smith	Evaluate alternatives for expanded treatment capacity and pretreat alternatives for existing and future Brewery operations tributary to the WWTP; report will determine system improvements to improve BOD and TSS treatment to return to compliance with NPDES permit	Transylvania	2	\$50,000		\$50,000	22.57	22.53	0	5	17.53		Other Considerations: Will allow treatment of high-strength wastewaters to facilitate growing brewery business supporting jobs and tourism; documented NOV's
12	Lowell, City of	North & South Basins Sewer Investigation	WK Dickson	Evaluation of 44,000 lf of sewer mains to identify sources of I/I; includes manhole inspection, flow isolation and smoke testing; engineering report to be developed with prioritization and cost estimates	Gaston	2	\$50,000	\$50,000	\$50,000	51.82	15.81	0	1	14.81		1. No basinwide points due to noncompliance 2. No impairment points since documentation of impairment is for turbidity with no direct connection, fecal coliform is currently listed as a potential standards violation 3. Flood hazard prevention narrative does not discuss exceeding state standards
13	Albemarle, City of	Alum Sludge Disposal Study	LKC Engineering	Study at two water treatment plants to evaluate alum sludge disposal options to alleviate NOV's at WWTP; development of a sludge production model to determine how to reduce sludge volumes, predict future sludge production, develop cost estimates for onsite sludge dewatering	Stanly	2	\$34,000	\$34,000	\$34,000	27.34	15.34	0	0	15.34		1. No direct connection between project and copper impairment 2. Project is not included in the current SOC
<b>INELIGIBLE APPLICATIONS (Not Scored (*))</b>																
14	Burke, County of	Wastewater Technical Assistant Grant	West Consultants	** Not Eligible for TAG ** Sewer system asset inventory via record review; identification of rehabilitation needs; development of a CIP; investigation of revenue generation to pay for repair	Burke	1	\$50,000		\$50,000	30.85	*	*	*	*		Staff Notes: Not eligible since project is to developed an asset management plan and not to determine the best way to fix a compliance issue
15	Canton, Town of	Wastewater Disinfection Study	McGill Associates	** Not Eligible for TAG ** Evaluation of Town disinfection to evaluate compliance issues at industrial treatment facility experiencing violations	Haywood	2	\$50,000		\$50,750	51.43	*	*	*	*		Staff Notes: Not eligible since project will study offsite disinfection from the Town and not the conditions at the plant site which is in non-compliance
16	Cofield, Town of	Wastewater Collection System I&l Analysis	Municipal Engineering	** Not Eligible for TAG ** Evaluation of I/I resulting in treatment surcharges from the Town of Winton	Hertford	1	\$50,000		\$50,000	38.67	*	*	*	*		Staff Notes: Not eligible since project is to eliminate high costs associated with sending flows to Town of Winston and not a compliance issue
17	Murphy, Town of	Sewer System Evaluation & Infiltration/Inflow Analysis	McGill Associates	** Not Eligible for TAG ** Study to identify sources of high I/I and development rehabilitation program and cost estimates to complete work	Cherokee	2	\$50,000		\$50,750	55.68	*	*	*	*		Staff Notes: Not eligible since no clear connection between scope of study and violations at treatment plant for TSS. Documentation seem to support solids management issues as the plant as opposed to flow issues.
18	Vanceboro, Town of	WWTP Study 2014	Rivers & Associates	** Not Eligible for TAG ** Engineering evaluation of current and future flows and treatment options to determine potential repairs and plant upgrades to meet 20 year need	Craven	2	\$50,000		\$50,000	26.81	*	*	*	*		Staff Notes: Not eligible since project conducts an evaluation of current and future flows but does not address a compliance issue