

North Carolina Wastewater High Unit Cost Grants - April 2014 Applications for Grants - Agenda Items E & F														Priority Rating System Points - By Category	Difference in Points Claimed & Verified	Other Considerations/Staff Notes	
Project No.	Applicant Name	Project Name/ Engineering Firm	Project Description	Number of New Connections Served / \$ per Connection	County/ Tier	WW-HUC Funding Request	WW-HUC Grant Approved May 12, 2014	Total Project Cost	Points Submitted	Points Verified (Total All Categories)	Cat. I	Cat. II	Cat. III				Cat. IV
											Project Type	Environ- mental	System Mgmt.				Financial Situation
FUNDING SUMMARY						\$14,626,551	\$1,377,600	\$18,975,353									
1	Robbinsville, Town of	Sludge Dewatering Facility McGill Associates	Rehabilitation of existing belt-filter press; new polymer sludge conditioning; solid handling building; filtrate pump station		Graham 1	\$800,000	\$800,000	\$800,000	115.69	73.66	15	0	8	50.66	1. Sewer and water rates were not calculated correctly for 5,000 gallons 2. No age points since there are no current sludge facilities 3. Environmental points were based on a 2013 NOV that was not related to sludge handling issues per the Town's response to NCDENR		
2	Franklinton, Town of	Wastewater System Rehab Municipal Engineering	Rehabilitation of 4,800 lf of terra cotta pipe and associate brick manholes		Franklin 2	\$577,600	\$577,600	\$2,077,600	75.58	71.80	25	0	8	38.80	1. SSES does not clearly cover the entire project sewershed 2. No narrative explaining how the flood hazard ordinance exceeds state standards	Project was submitted as a rehab project that is part of a larger project to be confunded with CDBG. Based on discussion with engineer, project can proceed as standalone.	
3	Rhodiss, Town of	Collection System Rehabilitation Project West Consultants	Rehabilitation or replacement of 19,000 lf of clay pipe sewer and repairs to 35 manholes		Burke 1	\$1,491,875		\$1,491,875	72.61	68.69	28	0	11	29.69	1. Used incorrect MHI data in financial calculation	Most of the sewer infrastructure is over 65 years old; primarily serves low-to-moderate income residents; area upstream of water supply intakes for the City of Hickory the Town of Longview	
4	Yanceyville, Town of	WWTP Improvements Alley, Williams, Carmen & King	Replacement of existing sludge lagoon with aerobic digester and sludge storage tank; improvements to SBR equalization		Caswell 1	\$1,250,000		\$1,275,000	68.04	68.04	20	0	6	42.04		A significant rainfall could cause an overflow of the embankment of the existing lagoon and subsequent environmental damage	
5	Clarkton, Town of	Collection System Project Withers and Ravenel	Rehabilitation of 7,500 lf of 50 year old concrete pipe utilizing cure-in-place pipe		Bladen 1	\$480,600		\$480,600	36	65.00	28	0	8	29.00	1. Financial points were not provided on rating sheet and no total points were provided		

North Carolina Wastewater High Unit Cost Grants - April 2014 Applications for Grants - Agenda Items E & F														Difference in Points Claimed & Verified	Other Considerations/Staff Notes	
Project No.	Applicant Name	Project Name/ Engineering Firm	Project Description	Number of New Connections Served / \$ per Connection	County/ Tier	WW-HUC Funding Request	WW-HUC Grant Approved May 12, 2014	Total Project Cost	Points Submitted	Points Verified (Total All Categories)	Priority Rating System Points - By Category					
											Cat. I	Cat. II	Cat. III			Cat. IV
											Project Type	Environ- mental	System Mgmt.	Financial Situation		
6	Taylorsville, Town of	Collection System Rehabilitation Project West Consultants	Rehabilitaiton of 16,766 lf of gravity main; replacement of 1,330 lf of 6-inch with 8-inch gravity main; manhole repairs; 22,085 lf of CCTV and cleaning; 68,000 lf of smoke testing and find and fix repairs		Alexander 2	\$792,476		\$792,476	64.48	63.86	25	0	12	26.86	1. Incorrect MHI data used	
7	Bay River Metropolitan Sewer Dist.	Oriental Lagoons Rehab & Repair Stroud Engineering	Restoration and modification of existing lagoon embankments to increase depth to provide sufficient freeboard and to allow for more complete solids separation; installation of a new aeration system to enhance BOD removal		Pamlico 2	\$1,379,500		\$1,379,500	75.92	55.92	20	0	10	25.92	1. No direct benefit to impaired stream 2. No narrative for asset management plan 3. Operating ratio utilizing current financials is less than 1	Lagoons would meet regulatory design requirements; will be provide better operation and maintenance; reduce likelihood of overflows
8	Taylorsville, Town of	WWTP Rehabilitation Project West Consultants	Improvements to two clarifiers and aeration basins; upgrade of existing RAS pump station and force main; replacement of generator; improvements to the lab/office building		Alexander 2	\$726,400		\$726,400	59.48	53.86	15	0	12	26.86	1. Majority of work based on cost is on items less than 20 years old 2. Incorrect MHI data used	
9	Clarkton, Town of	Equalization Basin Project Withers and Ravenel	Conversion of old lagoon to provide additional flow equalization storage to new treatment facility		Bladen 1	\$421,000		\$421,000	28	52.00	15	0	8	29.00	1. Financial points were not provided on rating sheet and no total points were provided 2. Project does not replace the lagoon but repurposes without any substantial rehabilitation	
10	Andrews, Town of	WWTP Rehabilitation McGill Associates	Rehabilitation of trickling filter including replacement of filter media and refurbishment of the rotating mechanism and stationary column; improvements to chlorination/dechlorination system; replacement of existing generator		Cherokee 2	\$500,000		\$500,000	99.09	51.67	20	5	3	23.67	1. Rates calculated were incorrect and inconsistent with Andrews TAG application 2. Project does not implement basinwide strategy or recommendation 3. No direct benefit to turbidity impairment 4. Incorrect MHI data used	Project would directly benefit receiving trout stream
11	LaGrange, Town of	Sewer System Improvements The Wooten Company	Replacement of 2,400 lf of gravity sewer		Lenoir 1	\$850,000		\$850,000	52.95	49.95	25	0	1	23.95	1. Narrative in support of SSES does not indicate if entire sewershed was included in the survey	Will allow Town to potentially avoid a moratorium

North Carolina Wastewater High Unit Cost Grants - April 2014 Applications for Grants - Agenda Items E & F														Priority Rating System Points - By Category	Difference in Points Claimed & Verified	Other Considerations/Staff Notes	
Project No.	Applicant Name	Project Name/ Engineering Firm	Project Description	Number of New Connections Served / \$ per Connection	County/ Tier	WW-HUC Funding Request	WW-HUC Grant Approved May 12, 2014	Total Project Cost	Points Submitted	Points Verified (Total All Categories)	Cat. I	Cat. II	Cat. III				Cat. IV
											Project Type	Environ- mental	System Mgmt.				Financial Situation
12	Louisburg, Town of	WWTP Improvements	Replacement of existing nutrient removal process controls; new SCADA system to control the treatment process		Franklin	\$350,000		\$350,000	57.06	49.06	20	0	1	28.06	1. Rate information provided did not include water rates 2. Project is not clearly included in CIP 3. No narrative provided for asset management 4. No narrative for how flood hazard ordinance exceeds state standards		
		Municipal Engineering			2												
13	Hamlet, City of	Walls Trlr Prk Pump Sta/Force Main Replacment	Replacement of 4,500 lf of force main; new engine driven standby pump		Richmond	\$687,500		\$697,812	74.21	46.17	25	0	0	21.17	1. Errors in rate calculations 2.No impairment points since the noted impairment is for mercury due to atmospheric deposition 3. Work in Richmond County does not directly implement costal habital protection plan 4. Does not own other systems	Currently experiencing SSOs related to force main failure	
		The Wooten Company			1												
14	Hookerton, Town of	WWTP Improvements	Abandonment of existing WWTP; new pump station and 23,700 lf of force main to send flows to Snow Hill for treatment		Greene	\$2,999,100		\$2,999,100	55.22	35.14	5	0	4	26.14	1. No supporting calculations or documentation provided to demonstrate that the proposed pump station is not an expansion 2. Operating ratio calculation used total revenue instead of operating revenue 3. Narrative does not explain how the land use plan exceeds state standards	Current lagoon is eroding with potential for failure; history of NOVs for fecal coliform violations	
		Rivers and Associates			1												
15	Dublin, Town of	Hwy 410 Pump Station Replacement Project	Replacement and expansion of lift station built in 1978		Bladen	\$311,000		\$311,000	30	33.17	10	0	7	16.17	1. Financial points were not provided on rating sheet and no total points were provided 2. Project expands current capacity and is not considered a replacement project		
		Withers and Ravenel			1												

North Carolina Wastewater High Unit Cost Grants - April 2014 Applications for Grants - Agenda Items E & F																
Project No.	Applicant Name	Project Name/ Engineering Firm	Project Description	Number of New Connections Served / \$ per Connection	County/ Tier	WW-HUC Funding Request	WW-HUC Grant Approved May 12, 2014	Total Project Cost	Points Submitted	Points Verified (Total All Categories)	Priority Rating System Points - By Category				Difference in Points Claimed & Verified	Other Considerations/Staff Notes
											Cat. I	Cat. II	Cat. III	Cat. IV		
										Project Type	Environ- mental	System Mgmt.	Financial Situation			
INELIGIBLE APPLICATIONS																
16	Clyde, Town of	Pigeon River South Sewer Interceptor Rehab McGill Associates	Replacement of 1,600 lf of 40+ year old sewer main		Haywood 2	\$350,000		\$350,000	*	*	*	*	*		Project unit cost is 1.35% using the application materials provided. Application averaged inside and outside rates without a clear methodology for the basis or full supporting calculations.	
17	Robbins, Town of	Church St. Sewer Aerial Crossing Replacement The Wooten Company	Replacement of 250 lf of aerial sewer		Moore 3	\$140,500		\$140,500	*	*	*	*	*		Project not eligible due to being located in Tier 3 county	
18	Stokes County	Meadows & Forsyth Tech Coll Sewer Imp. Baker Engineering	Extension of sewer system to remove two failing septic tanks and to serve the Meadows Campus of Forsyth Technical Community College; 9,500 lf of gravity sewer; new 200 gpm pump station and 10,200 lf of force main		Stokes 2	\$519,000		\$3,332,490	*	*	*	*	*		Ineligible due to not meeting HUC threshold of 1.5%	